NORTHEAST SITE SOLUTIONS
*Turnkey Wireless Development*

Northeast Site Solutions
Denise Sabo
4 Angela's Way, Burlington CT 06013
203-435-3640
denise@northeastsitesolutions.com

September 28, 2021

Members of the Siting Council
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

RE: Exempt Modification Application
93 Roxbury Rd, East Lyme CT 06357
Latitude: 41. 335653
Longitude: -72.221744
Site#: 806384_ Crown_VZW

Dear Ms. Bachman:

Verizon Wireless is requesting to file an exempt modification for an existing tower located at 93 Roxbury Rd, East Lyme CT 06357. Verizon currently maintains twelve (12) antenna at the 149-foot level of the existing 150-foot tower. The property is owned by Town of East Lyme, and the tower is owned by Crown Castle. Verizon Wireless now intends to replace seven (7) existing antenna with (7) new antenna. The new antennas would be installed at the 149-foot level of the tower. This modification includes B2, B5 hardware that is both 4G (LTE), and 5G capable. This installation requires mount modifications as shown on the included mount analysis from Maser Consulting dated July 19, 2021. Please see attached.

Verizon Planned Modifications:
Remove:
(3) Nokia UHIE RRU

Remove and Replace:
(4) Andrew HBXX 6517 DS Antenna (Remove) – (4) JAHH65B R3B Antenna (Replace)
(3) Ampenol Antenna (Remove) – (3) MT6407 Antenna (Replace)
(3) Nokia UHFA RRH (Remove) – (3) Samsung B2/B66A -BRO49 – RFV01U-D1A RRH

Install New:
(2) Diplexer

Existing to Remain:
(2) Andrew JAHH 65B R3B Antenna
(3) LNX6514 Antenna
(3) Samsung B5/B13 -BRO4C – RFV01U-D2A RRH
(1) Diplexer
(2) Raycap
(8) 1-5/8" Coax
(2) Hybrid Lines

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This facility was approved by the CT Siting Council. Per the attached Docket No. 116 – Dated January 3, 1990.
Please see attached.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies§ 16- SOj-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.SA. § 16-SOj-73, a copy of this letter is being sent to Mark C. Nickerson, First Selectman, Elected Official and William Mulholland, Zoning Official for the Town of East Lyme, as well as the property owner and the tower owner.

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

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

2. The proposed modifications will not require the extension of the site boundary.

3. The proposed modifications will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.

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

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

6. The existing structure and its foundation can support the proposed loading.

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

Sincerely,

Denise Sabo
Mobile: 203-435-3640
Fax: 413-521-0558
Office: 4 Angela's Way, Burlington CT 06013
Email: denise@northeastsitesolutions.com

NORTHEAST SITE SOLUTIONS
*Turnkey Wireless Development*

Attachments
cc: Mark C. Nickerson, First Selectman (and property Owner)
Town of East Lyme Town Hall – Selectman's Office
108 Pennsylvania Avenue Niantic, CT 06357

William Mulholland, Zoning Official
Town of East Lyme Town Hall – Selectman's Office
108 Pennsylvania Avenue Niantic, CT 06357

Crown Castle – Tower Owner
4017 WASHINGTON RD
MCMURRAY PA 15317-2510

# Exhibit A

## Original Facility Approval

ORIGINAL

| | | |
|---|---|---|
| An application of Metro Mobile CTS of New London Inc., for a Certificate of Environmental Compatibility and Public Need for the construction, operation, and maintenance of cellular telephone tower and associated equipment in the Town of East Lyme, Connecticut. | : | Docket No. 116<br><br>Connecticut Siting Council<br><br>January 3, 1990 |

DECISION AND ORDER

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council finds that the effects associated with the construction, operation, and maintenance of a cellular telephone facility at the proposed East Lyme site, including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not significant either alone or cumulatively with other effects, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application, and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by Section 16-50k of the General Statutes of Connecticut (CGS), be issued to Metro Mobile CTS of New London, Inc., for the construction, operation, and maintenance of a cellular telecommunications tower, associated equipment, and building at the proposed East Lyme site in East Lyme, Connecticut.

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

1. The self-supporting, lattice tower including antennas and associated equipment shall not exceed a height of 343 feet AMSL.
2. The facility shall be constructed in accordance with the State of Connecticut Basic Building Code.

3. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of State Agencies. The D&M plan shall include detailed plans of the site preparation with compacted fill and adjustment for tower height in relation to the new site elevation.

4. The Certificate Holder shall comply with any future radio frequency (RF) standard, promulgated by State or federal regulatory agencies. Upon the establishment of any new governmental RF standards, the facility granted in this Decision and Order shall be brought into compliance with such standards.

5. The Certificate Holder or its successor shall provide the Council a recalculated report of power density if and when additional channels over the proposed 60 channels, higher wattage over the proposed 100 watts per channel, or if other circumstances in operation cause a change in power density above the levels originally calculated in the application.

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

7. If this facility does not initially provide, or permanently ceases to provide cellular service following completion of construction, this Decision and Order shall be void, and the tower and all associated equipment in this application shall be dismantled and removed or reapplication for any new use shall be made to the Council before any such new use is made.

8. Unless otherwise approved by the Council, this Decision and Order shall be void if all construction authorized herein is not completed within three years of the issuance of this Decision and Order, or within three years after the completion of any appeal to this Decision and Order.

Pursuant to Section 16-50p, we hereby direct that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed below. A notice of issuance shall be published in the New London Day.

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

The parties or intervenors to this proceeding are:

Metro Mobile CTS of New London, Inc. (Applicant)
100 Corporate Drive
Windsor, CT 06095

ATTN: Gary Schulman
General Manager

Robinson and Cole (Its Representative)
One Commercial Plaza
Hartford, CT 06103-3597
Attn: Earl W. Phillips, Jr., Esq.

SNET Cellular, Inc. (Intervenor)
227 Church Street
New Haven, CT 06506

Peter J. Tyrrell (Its Representative)
SNET Cellular, Inc.
Room 1021
227 Church Street
New Haven, CT 06506

3782E-9-11

# CERTIFICATION

The undersigned members of the Connecticut Siting Council hereby certify that they have heard this case in Docket No. 116 or read the record thereof, and that we voted as follows:

Dated at New Britain, Connecticut the 3rd day of January, 1990.

| Council Members | Vote Cast |
|---|---|
| Gloria Dibble Pond<br>Chairperson | Yes |
| Commissioner Peter Boucher<br>Designee: Robert A. Pulito | Yes |
| Commissioner Leslie Carothers<br>Designee: Brian Emerick | Absent |
| Harry E. Covey | Yes |
| Mortimer A. Gelston | Yes |
| Daniel P. Lynch, Jr. | Yes |
| Paulann H. Sheets | Yes |
| William H. Smith | Yes |
| Colin C. Tait | Yes |

# Exhibit B

**Property Card**

# 93 ROXBURY RD

| | | | |
|---|---|---|---|
| **Location** | 93 ROXBURY RD | **Mblu** | 15.0/ 3/ / / |
| **Acct#** | 008267 | **Owner** | METRO MOBILE CTS OF N L INC |
| **Assessment** | $810,530 | **Appraisal** | $1,157,900 |
| **PID** | 4698 | **Building Count** | 1 |

## Current Value

| Appraisal | | | |
|---|---|---|---|
| **Valuation Year** | **Improvements** | **Land** | **Total** |
| 2016 | $32,900 | $1,125,000 | $1,157,900 |

| Assessment | | | |
|---|---|---|---|
| **Valuation Year** | **Improvements** | **Land** | **Total** |
| 2016 | $23,030 | $787,500 | $810,530 |

## Owner of Record

| | | | |
|---|---|---|---|
| **Owner** | METRO MOBILE CTS OF N L INC | **Sale Price** | $0 |
| **Co-Owner** | C/O CROWN ATLANTIC CO | **Certificate** | |
| **Address** | PMB 353<br>4017 WASHINGTON RD<br>MCMURRAY, PA 15317 | **Book & Page** | 0297/0552 |
| | | **Sale Date** | 03/05/1990 |

## Ownership History

| Ownership History |
|---|
| No Data for Ownership History |

## Building Information

### Building 1 : Section 1

| | |
|---|---|
| **Year Built:** | 1990 |
| **Living Area:** | 450 |
| **Replacement Cost:** | $36,171 |
| **Building Percent Good:** | 82 |
| **Replacement Cost Less Depreciation:** | $29,700 |

| Building Attributes | |
|---|---|
| **Field** | **Description** |
| STYLE | Commercial |
| MODEL | Commercial |
| Grade | Average |
| Stories: | 1 |
| Occupancy | 1.00 |
| Exterior Wall 1 | Concr/Cinder |
| Exterior Wall 2 | |
| Roof Structure | Gable/Hip |
| Roof Cover | Tar & Gravel |
| Interior Wall 1 | Minim/Masonry |
| Interior Wall 2 | |
| Interior Floor 1 | Concr-Finished |
| Interior Floor 2 | |
| Heating Fuel | NA |
| Heating Type | None |
| AC Type | None |
| Struct Class | |
| Bldg Use | TEL X STA M94 |
| Total Rooms | |
| Total Bedrms | 00 |
| Total Baths | 0 |
| Usrfld 218 | |
| Usrfld 219 | |
| 1st Floor Use: | 430C |
| Heat/AC | NONE |
| Frame Type | MASONRY |
| Baths/Plumbing | NONE |
| Ceiling/Wall | NONE |
| Rooms/Prtns | LIGHT |
| Wall Height | 10.00 |
| % Comn Wall | 0.00 |

## Building Photo

(http://images.vgsi.com/photos2/EastLymeCTPhotos//\01\00\33\53.jpg)

## Building Layout

| Building Sub-Areas (sq ft) | | | Legend |
|---|---|---|---|
| **Code** | **Description** | **Gross Area** | **Living Area** |
| BAS | First Floor | 450 | 450 |
| | | 450 | 450 |

## Extra Features

| Extra Features | Legend |
|---|---|
| No Data for Extra Features | |

## Land

## Land Use

| | |
|---|---|
| **Use Code** | 430C |
| **Description** | TEL X STA M94 |
| **Zone** | R40 |
| **Neighborhood** | |
| **Alt Land Appr** | No |
| **Category** | |

## Land Line Valuation

| | |
|---|---|
| **Size (Acres)** | 0.09 |
| **Frontage** | 0 |
| **Depth** | 0 |
| **Assessed Value** | $787,500 |
| **Appraised Value** | $1,125,000 |

## Outbuildings

| Outbuildings | | | | | | Legend |
|---|---|---|---|---|---|---|
| **Code** | **Description** | **Sub Code** | **Sub Description** | **Size** | **Value** | **Bldg #** |
| FN4 | FENCE-8' CHAIN | | | 250.00 L.F. | $3,200 | 1 |

## Valuation History

| Appraisal | | | |
|---|---|---|---|
| **Valuation Year** | **Improvements** | **Land** | **Total** |
| 2020 | $33,900 | $1,125,000 | $1,158,900 |
| 2019 | $33,900 | $1,125,000 | $1,158,900 |
| 2018 | $33,900 | $1,125,000 | $1,158,900 |

| Assessment | | | |
|---|---|---|---|
| **Valuation Year** | **Improvements** | **Land** | **Total** |
| 2020 | $23,730 | $787,500 | $811,230 |
| 2019 | $23,730 | $787,500 | $811,230 |
| 2018 | $23,730 | $787,500 | $811,230 |

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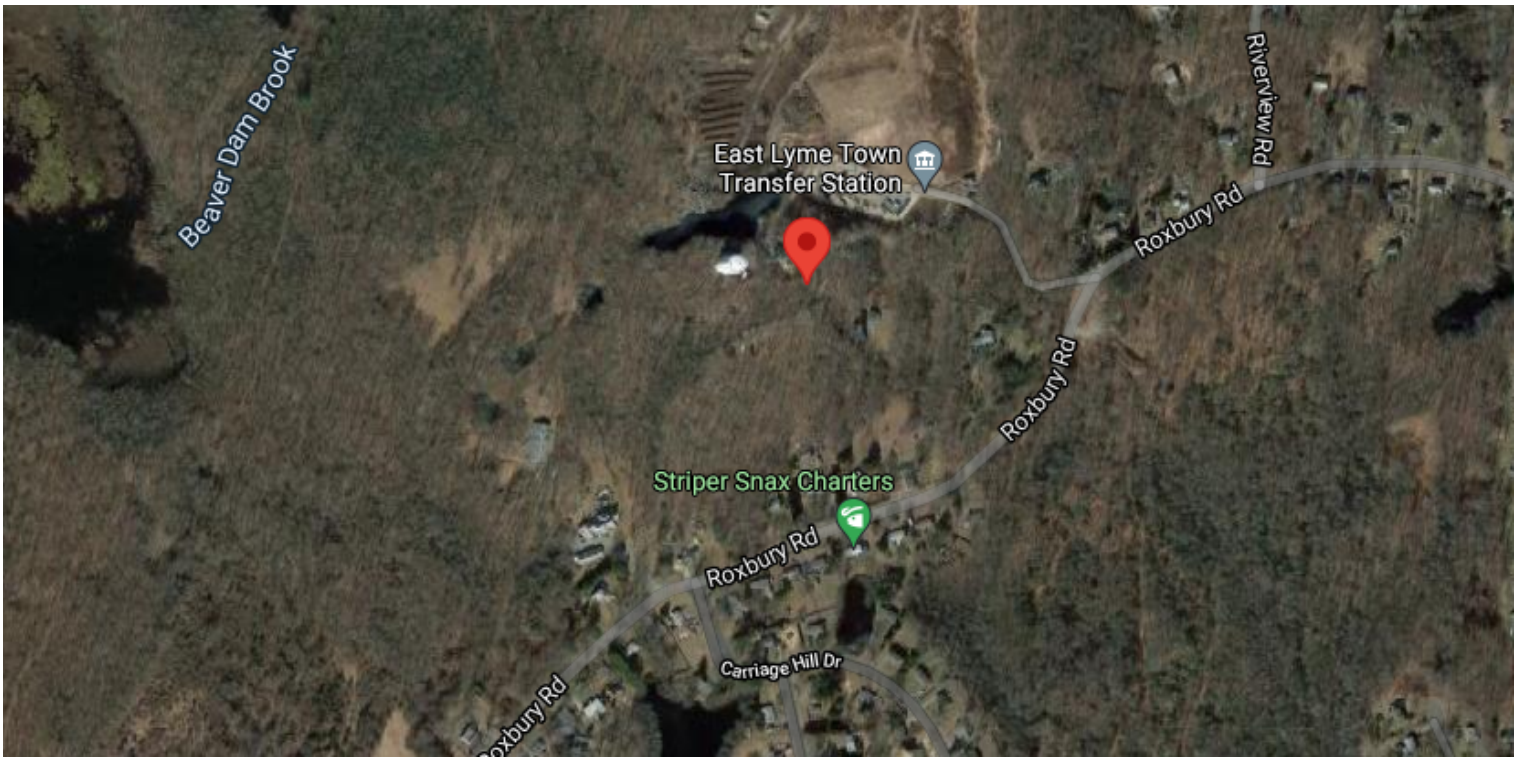

Beaver Dam Brook
East Lyme Town
Transfer Station
Riverview Rd
Roxbury Rd
Roxbury Rd
Striper Snax Charters
Roxbury Rd
Carriage Hill Dr
oxbury Rd

# Exhibit C

**Construction Drawings**

verizon

**VERIZON SITE NUMBER:** 469373
**VERIZON SITE NAME:** EAST LYME CT
**SITE TYPE:** SELF SUPPORT TOWER
**TOWER HEIGHT:** 151'-4"

**BUSINESS UNIT #:** 806384
**SITE ADDRESS:** 93 ROXBURY ROAD EAST LYME, CT 06357
**COUNTY:** NEW LONDON
**JURISDICTION:** NEW LONDON COUNTY

# VERIZON FUZE PROJECT 16147665

## SITE INFORMATION

| | |
|---|---|
| CROWN CASTLE USA INC. SITE NAME: | NLN 136 943455 |
| SITE ADDRESS: | 93 ROXBURY ROAD EAST LYME, CT 06357 |
| COUNTY: | NEW LONDON |
| MAP/PARCEL #: | TBD |
| AREA OF CONSTRUCTION: | EXISTING |
| LATITUDE: | 41° 20' 8.35" N (41.335653°) |
| LONGITUDE: | -72° 13' 18.28" W (-72.221744°) |
| LAT/LONG TYPE: | NAD83 |
| GROUND ELEVATION: | 173.8' |
| CURRENT ZONING: | TBD |
| JURISDICTION: | NEW LONDON COUNTY |
| OCCUPANCY CLASSIFICATION: | U |
| TYPE OF CONSTRUCTION: | IIB |
| A.D.A. COMPLIANCE: | FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION |
| PROPERTY OWNER: | TBD TBD |
| TOWER OWNER: | CCATT LLC 2000 CORPORATE DRIVE CANONSBURG, PA 15317 |
| CARRIER/APPLICANT: | VERIZON WIRELESS 20 ALEXANDER DRIVE, 2ND FLOOR WALLINGFORD, CT 06492 |
| ELECTRIC PROVIDER: | CONNECTICUT LIGHT & POWER (860) 947-2000 |
| TELCO PROVIDER: | PIONEER TELEPHONE (800) 808-9000 |

## PROJECT TEAM

| | |
|---|---|
| A&E FIRM: | CROWN CASTLE USA INC. 2000 CORPORATE DRIVE CANONSBURG, PA 15317 CROWNAE.APPROVAL@CROWNCASTLE.COM |
| CROWN CASTLE USA INC. DISTRICT CONTACTS: | 3 CORPORATE PARK DRIVE, SUITE 101 CLIFTON PARK, NY 12065 ---- - PROJECT MANAGER ---- ---- - CONSTRUCTION MANAGER ---- |
| VERIZON CONTACT: | TIMOTHY PARKS TIMOTHY.PARKS@VERIZONWIRELESS.COM |

## DRAWING INDEX

| SHEET # | SHEET DESCRIPTION |
|---|---|
| T-1 | TITLE SHEET |
| T-2 | GENERAL NOTES |
| C-1 | SITE PLAN |
| C-2 | TOWER ELEVATION & ANTENNA PLANS |
| C-3 | EQUIPMENT SCHEDULES |
| C-4 | EQUIPMENT DETAILS |
| C-5 | EQUIPMENT DETAILS |
| C-6 | PLUMBING DIAGRAM |
| G-1 | GROUNDING DETAILS |
| G-2 | GROUNDING DETAILS |

ALL DRAWINGS CONTAINED HEREIN ARE FORMATTED FOR 11X17. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

## APPROVALS

| SIGNATURE | DATE |
|---|---|
| | |
| | |
| | |
| | |
| | |

## CONTRACTOR PMI REQUIREMENTS

| | |
|---|---|
| PMI ACCESSED AT | https://pmi.vxwsmart.com |
| SMART TOOL VENDOR PROJECT NUMBER | 16147665 |
| VzW LOCATION CODE (PSLC) | 469373 |

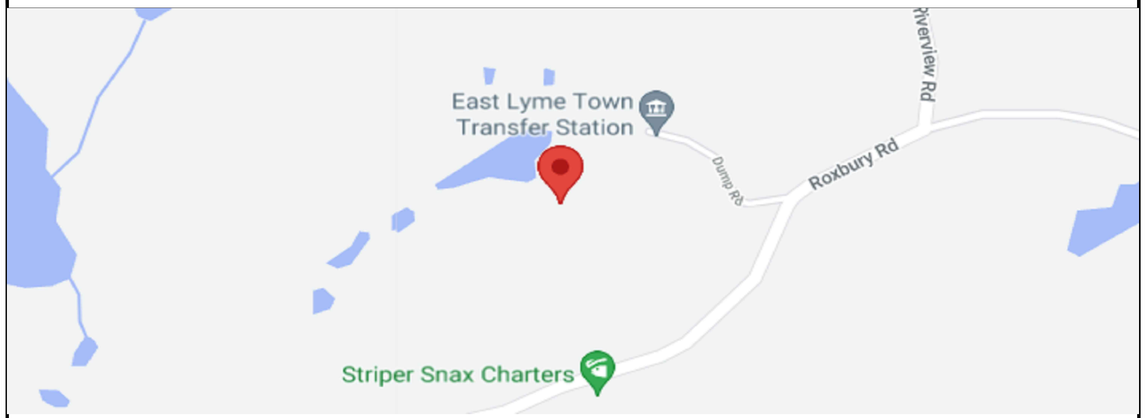
*** PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT

| MOUNT MODIFICATION REQUIRED | N |
|---|---|

**VzW APPROVED SMART KIT VENDORS**

REFER TO MOUNT MODIFICATION DRAWINGS PAGE FOR VzW SMART KIT APPROVED VENDORS

## LOCATION MAP




DRIVING DIRECTIONS FROM VERIZON LOCAL OFFICE (180 WASHINGTON VALLEY RD, BEDMINSTER, NJ 07921) DEPART AND HEAD TOWARDS WASHINGTON VALLEY RD / COUNTY HWY-620, TURN LEFT ONTO WASHINGTON VALLEY RD / COUNTY HWY-620, BEAR RIGHT ONTO US-206 N / US-202 N / US HIGHWAY 202 206, BEAR RIGHT ONTO US-202 N / US-206 N / US HIGHWAY 202 206, TURN RIGHT ONTO SCHLEY MOUNTAIN RD, TAKE THE RAMP ON THE RIGHT FOR I-287 N, AT JUNCTION 41A, HEAD RIGHT ON THE RAMP FOR I-80 EAST TOWARDS NEW YORK CITY / SMITH ROAD, KEEP STRAIGHT, HEADING TOWARDS I-95 N, KEEP STRAIGHT TO GET ONTO I-95 N, PASS RITE AID ON THE RIGHT, ENTERING NEW YORK, KEEP LEFT TO STAY ON I-95 N, ENTERING CONNECTICUT, TURN LEFT ONTO SOCIETY RD, TURN RIGHT ONTO RIVERVIEW RD, TURN RIGHT ONTO ROXBURY RD, BEAR RIGHT ONTO DUMP RD, BEAR RIGHT ONTO ROAD, ARRIVE AT 93 ROXBURY ROAD, EAST LYME, CT 06357.

## APPLICABLE CODES/REFERENCE DOCUMENTS

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

| CODE TYPE | CODE |
|---|---|
| BUILDING | 2018 CT STATE BUILDING CODE |
| MECHANICAL | 2015 IMC |
| ELECTRICAL | 2017 NEC |

REFERENCE DOCUMENTS:

| | |
|---|---|
| STRUCTURAL ANALYSIS: | BY OTHERS |
| DATED: | |
| MOUNT ANALYSIS: | TBD |
| DATED: | TBD |
| RFDS REVISION: | 0 |
| DATED: | 6/8/2021 |
| ORDER ID: | 579096 |
| REVISION: | 0 |

CALL CONNECTICUT ONE CALL (800) 922-4455 CBYD.COM CALL 2 WORKING DAYS BEFORE YOU DIG!

## PROJECT DESCRIPTION

THE PURPOSE OF THIS PROJECT IS TO ENHANCE BROADBAND CONNECTIVITY AND CAPACITY TO THE EXISTING ELIGIBLE WIRELESS FACILITY.

TOWER SCOPE OF WORK:
- REMOVE (7) ANTENNAs
- REMOVE (6) RRHs
- INSTALL (7) ANTENNAs
- INSTALL (3) RRHs
- INSTALL (2) DIPLEXERS
- INSTALL (2) BSAMNTSBS-2-2 MOUNTS

GROUND SCOPE OF WORK:
- NO CHANGE

NOTE:
PRIOR TO ACCESSING/ENTERING THE SITE YOU MUST CONTACT THE CROWN NOC AT (800) 788-7011 & CROWN CONSTRUCTION MANAGER


verizon
20 ALEXANDER DRIVE, 2ND FLOOR
WALLINGFORD, CT 06492

CROWN CASTLE
3 CORPORATE PARK DRIVE, SUITE 101
CLIFTON PARK, NY 12065

INFINIGY
FROM ZERO TO INFINIGY
the solutions are endless
BELLEVUE, WA 98004


VERIZON SITE NUMBER:
**469373**

BU #: **806384**
**NLN 136 943455**

93 ROXBURY ROAD
EAST LYME, CT 06357

EXISTING 151'-4" SELF SUPPORT TOWER

**ISSUED FOR:**

| REV | DATE | DRWN | DESCRIPTION | DES./QA |
|---|---|---|---|---|
| 0 | 07/28/2021 | RCD | FINAL CDs | HL |

STATE OF CONNECTICUT
SUHEI SAKANOUE
34916
LICENSED PROFESSIONAL ENGINEER

08-02-2021


IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.


**SHEET NUMBER:** T-1
**REVISION:** 0

## CROWN CASTLE USA INC. SITE ACTIVITY REQUIREMENTS:

1. NOTICE TO PROCEED– NO WORK SHALL COMMENCE PRIOR TO CROWN CASTLE USA INC. WRITTEN NOTICE TO PROCEED (NTP) AND THE ISSUANCE OF A PURCHASE ORDER. PRIOR TO ACCESSING/ENTERING THE SITE YOU MUST CONTACT THE CROWN CASTLE USA INC. NOC AT 800–788–7011 & THE CROWN CASTLE USA INC. CONSTRUCTION MANAGER.
2. "LOOK UP" – CROWN CASTLE USA INC. SAFETY CLIMB REQUIREMENT:
   THE INTEGRITY OF THE SAFETY CLIMB AND ALL COMPONENTS OF THE CLIMBING FACILITY SHALL BE CONSIDERED DURING ALL STAGES OF DESIGN, INSTALLATION, AND INSPECTION. TOWER MODIFICATION, MOUNT REINFORCEMENTS, AND/OR EQUIPMENT INSTALLATIONS SHALL NOT COMPROMISE THE INTEGRITY OR FUNCTIONAL USE OF THE SAFETY CLIMB OR ANY COMPONENTS OF THE CLIMBING FACILITY ON THE STRUCTURE. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO: PINCHING OF THE WIRE ROPE, BENDING OF THE WIRE ROPE FROM ITS SUPPORTS, DIRECT CONTACT OR CLOSE PROXIMITY TO THE WIRE ROPE WHICH MAY CAUSE FRICTIONAL WEAR, IMPACT TO THE ANCHORAGE POINTS IN ANY WAY, OR TO IMPEDE/BLOCK ITS INTENDED USE. ANY COMPROMISED SAFETY CLIMB, INCLUDING EXISTING CONDITIONS MUST BE TAGGED OUT AND REPORTED TO YOUR CROWN CASTLE USA INC. POC OR CALL THE NOC TO GENERATE A SAFETY CLIMB MAINTENANCE AND CONTRACTOR NOTICE TICKET.
3. PRIOR TO THE START OF CONSTRUCTION, ALL REQUIRED JURISDICTIONAL PERMITS SHALL BE OBTAINED. THIS INCLUDES, BUT IS NOT LIMITED TO, BUILDING, ELECTRICAL, MECHANICAL, FIRE, FLOOD ZONE, ENVIRONMENTAL, AND ZONING. AFTER ONSITE ACTIVITIES AND CONSTRUCTION ARE COMPLETED, ALL REQUIRED PERMITS SHALL BE SATISFIED AND CLOSED OUT ACCORDING TO LOCAL JURISDICTIONAL REQUIREMENTS.
4. ALL CONSTRUCTION MEANS AND METHODS; INCLUDING BUT NOT LIMITED TO, ERECTION PLANS, RIGGING PLANS, CLIMBING PLANS, AND RESCUE PLANS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR RESPONSIBLE FOR THE EXECUTION OF THE WORK CONTAINED HEREIN, AND SHALL MEET ANSI/ASSE A10.48 (LATEST EDITION); FEDERAL, STATE, AND LOCAL REGULATIONS; AND ANY APPLICABLE INDUSTRY CONSENSUS STANDARDS RELATED TO THE CONSTRUCTION ACTIVITIES BEING PERFORMED. ALL RIGGING PLANS SHALL ADHERE TO ANSI/ASSE A10.48 (LATEST EDITION) AND CROWN CASTLE USA INC. STANDARD CED–STD–10253, INCLUDING THE REQUIRED INVOLVEMENT OF A QUALIFIED ENGINEER FOR CLASS IV CONSTRUCTION, TO CERTIFY THE SUPPORTING STRUCTURE(S) IN ACCORDANCE WITH ANSI/TIA–322 (LATEST EDITION).
5. ALL SITE WORK TO COMPLY WITH QAS–STD–10068 "INSTALLATION STANDARDS FOR CONSTRUCTION ACTIVITIES ON CROWN CASTLE USA INC. TOWER SITE," CED–STD–10294 "STANDARD FOR INSTALLATION OF MOUNTS AND APPURTENANCES," AND LATEST VERSION OF ANSI/TIA–1019–A–2012 "STANDARD FOR INSTALLATION, ALTERATION, AND MAINTENANCE OF ANTENNA SUPPORTING STRUCTURES AND ANTENNAS."
6. IF THE SPECIFIED EQUIPMENT CAN NOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY CROWN CASTLE USA INC. PRIOR TO PROCEEDING WITH ANY SUCH CHANGE OF INSTALLATION.
7. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
8. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
9. THE CONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION.
10. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY CONTRACTOR. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR DRILLING PIERS AROUND OR NEAR UTILITIES. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW. THIS WILL INCLUDE BUT NOT BE LIMITED TO A) FALL PROTECTION B) CONFINED SPACE C) ELECTRICAL SAFETY D) TRENCHING AND EXCAVATION E) CONSTRUCTION SAFETY PROCEDURES.
11. ALL SITE WORK SHALL BE AS INDICATED ON THE STAMPED CONSTRUCTION DRAWINGS AND PROJECT SPECIFICATIONS, LATEST APPROVED REVISION.
12. CONTRACTOR SHALL KEEP THE SITE FREE FROM ACCUMULATING WASTE MATERIAL, DEBRIS, AND TRASH AT THE COMPLETION OF THE WORK. IF NECESSARY, RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
13. ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED OR OTHERWISE DISCONTINUED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO THE APPROVAL OF CONTRACTOR, TOWER OWNER, CROWN CASTLE USA INC., AND/OR LOCAL UTILITIES.
14. THE CONTRACTOR SHALL PROVIDE SITE SIGNAGE IN ACCORDANCE WITH THE TECHNICAL SPECIFICATION FOR SITE SIGNAGE REQUIRED BY LOCAL JURISDICTION AND SIGNAGE REQUIRED ON INDIVIDUAL PIECES OF EQUIPMENT, ROOMS, AND SHELTERS.
15. THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE CARRIER'S EQUIPMENT AND TOWER AREAS.
16. THE SUB GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
17. THE AREAS OF THE OWNERS PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE TOWER, EQUIPMENT OR DRIVEWAY, SHALL BE GRADED TO A UNIFORM SLOPE, AND STABILIZED TO PREVENT EROSION AS SPECIFIED ON THE CONSTRUCTION DRAWINGS AND/OR PROJECT SPECIFICATIONS.
18. CONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL.
19. THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF OWNER.
20. CONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.
21. CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION. TRASH AND DEBRIS SHOULD BE REMOVED FROM SITE ON A DAILY BASIS.
22. NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.

## GENERAL NOTES:

1. FOR THE PURPOSE OF CONSTRUCTION DRAWING, THE FOLLOWING DEFINITIONS SHALL APPLY:
   CONTRACTOR: GENERAL CONTRACTOR RESPONSIBLE FOR CONSTRUCTION
   CARRIER: VERIZON
   TOWER OWNER: CROWN CASTLE USA INC.
2. THESE DRAWINGS HAVE BEEN PREPARED USING STANDARDS OF PROFESSIONAL CARE AND COMPLETENESS NORMALLY EXERCISED UNDER SIMILAR CIRCUMSTANCES BY REPUTABLE ENGINEERS IN THIS OR SIMILAR LOCALITIES. IT IS ASSUMED THAT THE WORK DEPICTED WILL BE PERFORMED BY AN EXPERIENCED CONTRACTOR AND/OR WORKPEOPLE WHO HAVE A WORKING KNOWLEDGE OF THE APPLICABLE CODE STANDARDS AND REQUIREMENTS AND OF INDUSTRY ACCEPTED STANDARD GOOD PRACTICE. AS NOT EVERY CONDITION OR ELEMENT IS (OR CAN BE) EXPLICITLY SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL USE INDUSTRY ACCEPTED STANDARD GOOD PRACTICE FOR MISCELLANEOUS WORK NOT EXPLICITLY SHOWN.
3. THESE DRAWINGS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE MEANS OR METHODS OF CONSTRUCTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY FOR PROTECTION OF LIFE AND PROPERTY DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, FORMWORK, SHORING, ETC. SITE VISITS BY THE ENGINEER OR HIS REPRESENTATIVE WILL NOT INCLUDE INSPECTION OF THESE ITEMS AND IS FOR STRUCTURAL OBSERVATION OF THE FINISHED STRUCTURE ONLY.
4. NOTES AND DETAILS IN THE CONSTRUCTION DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT, AND/OR AS PROVIDED FOR IN THE CONTRACT DOCUMENTS. WHERE DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, GENERAL NOTES, AND SPECIFICATIONS, THE GREATER, MORE STRICT REQUIREMENTS, SHALL GOVERN. IF FURTHER CLARIFICATION IS REQUIRED CONTACT THE ENGINEER OF RECORD.
5. SUBSTANTIAL EFFORT HAS BEEN MADE TO PROVIDE ACCURATE DIMENSIONS AND MEASUREMENTS ON THE DRAWINGS TO ASSIST IN THE FABRICATION AND/OR PLACEMENT OF CONSTRUCTION ELEMENTS BUT IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE DIMENSIONS, MEASUREMENTS, AND/OR CLEARANCES SHOWN IN THE CONSTRUCTION DRAWINGS PRIOR TO FABRICATION OR CUTTING OF ANY NEW OR EXISTING CONSTRUCTION ELEMENTS. IF IT IS DETERMINED THAT THERE ARE DISCREPANCIES AND/OR CONFLICTS WITH THE CONSTRUCTION DRAWINGS THE ENGINEER OF RECORD IS TO BE NOTIFIED AS SOON AS POSSIBLE.
6. PRIOR TO THE SUBMISSION OF BIDS, THE BIDDING CONTRACTOR SHALL VISIT THE CELL SITE TO FAMILIARIZE WITH THE EXISTING CONDITIONS AND TO CONFIRM THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DRAWINGS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE ATTENTION OF CROWN CASTLE.
7. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
8. UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
9. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
10. IF THE SPECIFIED EQUIPMENT CAN NOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY THE CARRIER AND CROWN CASTLE PRIOR TO PROCEEDING WITH ANY SUCH CHANGE OF INSTALLATION.
11. CONTRACTOR IS TO PERFORM A SITE INVESTIGATION AND IS TO DETERMINE THE BEST ROUTING OF ALL CONDUITS FOR POWER, AND TELCO AND FOR GROUNDING CABLES AS SHOWN IN THE POWER, TELCO, AND GROUNDING PLAN DRAWINGS.
12. THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF CROWN CASTLE USA INC.
13. CONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.
14. CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION. TRASH AND DEBRIS SHOULD BE REMOVED FROM SITE ON A DAILY BASIS.

## CONCRETE, FOUNDATIONS, AND REINFORCING STEEL:

1. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI 301, ACI 318, ACI 336, ASTM A184, ASTM A185 AND THE DESIGN AND CONSTRUCTION SPECIFICATION FOR CAST–IN–PLACE CONCRETE.
2. UNLESS NOTED OTHERWISE, SOIL BEARING PRESSURE USED FOR DESIGN OF SLABS AND FOUNDATIONS IS ASSUMED TO BE 1000 psf.
3. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (f'c) OF 3000 psi AT 28 DAYS, UNLESS NOTED OTHERWISE. NO MORE THAN 90 MINUTES SHALL ELAPSE FROM BATCH TIME TO TIME OF PLACEMENT UNLESS APPROVED BY THE ENGINEER OF RECORD. TEMPERATURE OF CONCRETE SHALL NOT EXCEED 90°f AT TIME OF PLACEMENT.
4. CONCRETE EXPOSED TO FREEZE–THAW CYCLES SHALL CONTAIN AIR ENTRAINING ADMIXTURES. AMOUNT OF AIR ENTRAINMENT TO BE BASED ON SIZE OF AGGREGATE AND F3 CLASS EXPOSURE (VERY SEVERE). CEMENT USED TO BE TYPE II PORTLAND CEMENT WITH A MAXIMUM WATER–TO–CEMENT RATIO (W/C) OF 0.45.
5. ALL STEEL REINFORCING SHALL CONFORM TO ASTM A615. ALL WELDED WIRE FABRIC (WWF) SHALL CONFORM TO ASTM A185. ALL SPLICES SHALL BE CLASS "B" TENSION SPLICES, UNLESS NOTED OTHERWISE. ALL HOOKS SHALL BE STANDARD 90 DEGREE HOOKS, UNLESS NOTED OTHERWISE. YIELD STRENGTH (Fy) OF STANDARD DEFORMED BARS ARE AS FOLLOWS:
   #4 BARS AND SMALLER.....40 ksi
   #5 BARS AND LARGER.....60 ksi
6. THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL UNLESS SHOWN OTHERWISE ON DRAWINGS:
   CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH.....3"
   CONCRETE EXPOSED TO EARTH OR WEATHER:
   #6 BARS AND LARGER.....2"
   #5 BARS AND SMALLER.....1–1/2"
   CONCRETE NOT EXPOSED TO EARTH OR WEATHER:
   SLAB AND WALLS.....3/4"
   BEAMS AND COLUMNS.....1–1/2"
7. A TOOLED EDGE OR A 3/4" CHAMFER SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE, UNLESS NOTED OTHERWISE, IN ACCORDANCE WITH ACI 301 SECTION 4.2.4.

## GREENFIELD GROUNDING NOTES:

1. ALL GROUND ELECTRODE SYSTEMS (INCLUDING TELECOMMUNICATION, RADIO, LIGHTNING PROTECTION AND AC POWER GES'S) SHALL BE BONDED TOGETHER AT OR BELOW GRADE, BY TWO OR MORE COPPER BONDING CONDUCTORS IN ACCORDANCE WITH THE NEC.
2. THE CONTRACTOR SHALL PERFORM IEEE FALL–OF–POTENTIAL RESISTANCE TO EARTH TESTING (PER IEEE 1100 AND 81) FOR GROUND ELECTRODE SYSTEMS, THE CONTRACTOR SHALL FURNISH AND INSTALL SUPPLEMENTAL GROUND ELECTRODES AS NEEDED TO ACHIEVE A TEST RESULT OF 5 OHMS OR LESS.
3. THE CONTRACTOR IS RESPONSIBLE FOR PROPERLY SEQUENCING GROUNDING AND UNDERGROUND CONDUIT INSTALLATION AS TO PREVENT ANY LOSS OF CONTINUITY IN THE GROUNDING SYSTEM OR DAMAGE TO THE CONDUIT AND PROVIDE TESTING RESULTS.
4. METAL CONDUIT AND TRAY SHALL BE GROUNDED AND MADE ELECTRICALLY CONTINUOUS WITH LISTED BONDING FITTINGS OR BY BONDING ACROSS THE DISCONTINUITY WITH #6 COPPER WIRE UL APPROVED GROUNDING TYPE CONDUIT CLAMPS.
5. METAL RACEWAY SHALL NOT BE USED AS THE NEC REQUIRED EQUIPMENT GROUND CONDUCTOR. STRANDED COPPER CONDUCTORS WITH GREEN INSULATION, SIZED IN ACCORDANCE WITH THE NEC, SHALL BE FURNISHED AND INSTALLED WITH THE POWER CIRCUITS TO BTS EQUIPMENT.
6. EACH CABINET FRAME SHALL BE DIRECTLY CONNECTED TO THE MASTER GROUND BAR WITH GREEN INSULATED SUPPLEMENTAL EQUIPMENT GROUND WIRES, #6 STRANDED COPPER OR LARGER FOR INDOOR BTS; #2 BARE SOLID TINNED COPPER FOR OUTDOOR BTS.
7. CONNECTIONS TO THE GROUND BUS SHALL NOT BE DOUBLED UP OR STACKED BACK TO BACK CONNECTIONS ON OPPOSITE SIDE OF THE GROUND BUS ARE PERMITTED.
8. ALL EXTERIOR GROUND CONDUCTORS BETWEEN EQUIPMENT/GROUND BARS AND THE GROUND RING SHALL BE #2 SOLID TINNED COPPER UNLESS OTHERWISE INDICATED.
9. ALUMINUM CONDUCTOR OR COPPER CLAD STEEL CONDUCTOR SHALL NOT BE USED FOR GROUNDING CONNECTIONS.
10. USE OF 90° BENDS IN THE PROTECTION GROUNDING CONDUCTORS SHALL BE AVOIDED WHEN 45° BENDS CAN BE ADEQUATELY SUPPORTED.
11. EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE.
12. ALL GROUND CONNECTIONS ABOVE GRADE (INTERIOR AND EXTERIOR) SHALL BE FORMED USING HIGH PRESS CRIMPS.
13. COMPRESSION GROUND CONNECTIONS MAY BE REPLACED BY EXOTHERMIC WELD CONNECTIONS.
14. ICE BRIDGE BONDING CONDUCTORS SHALL BE EXOTHERMICALLY BONDED OR BOLTED TO THE BRIDGE AND THE TOWER GROUND BAR.
15. APPROVED ANTIOXIDANT COATINGS (i.e. CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS.
16. ALL EXTERIOR GROUND CONNECTIONS SHALL BE COATED WITH A CORROSION RESISTANT MATERIAL.
17. MISCELLANEOUS ELECTRICAL AND NON–ELECTRICAL METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING, IN ACCORDANCE WITH THE NEC.
18. BOND ALL METALLIC OBJECTS WITHIN 6 ft OF MAIN GROUND RING WITH (1) #2 BARE SOLID TINNED COPPER GROUND CONDUCTOR.
19. GROUND CONDUCTORS USED FOR THE FACILITY GROUNDING AND LIGHTNING PROTECTION SYSTEMS SHALL NOT BE ROUTED THROUGH METALLIC OBJECTS THAT FORM A RING AROUND THE CONDUCTOR, SUCH AS METALLIC CONDUITS, METAL SUPPORT CLIPS OR SLEEVES THROUGH WALLS OR FLOORS. WHEN IT IS REQUIRED TO BE HOUSED IN CONDUIT TO MEET CODE REQUIREMENTS OR LOCAL CONDITIONS, NON–METALLIC MATERIAL SUCH AS PVC CONDUIT SHALL BE USED. WHERE USE OF METAL CONDUIT IS UNAVOIDABLE (i.e., NONMETALLIC CONDUIT PROHIBITED BY LOCAL CODE) THE GROUND CONDUCTOR SHALL BE BONDED TO EACH END OF THE METAL CONDUIT.
20. ALL GROUNDS THAT TRANSITION FROM BELOW GRADE TO ABOVE GRADE MUST BE #2 BARE SOLID TINNED COPPER IN 3/4" NON–METALLIC, FLEXIBLE CONDUIT FROM 24" BELOW GRADE TO WITHIN 3" TO 6" OF CAD–WELD TERMINATION POINT. THE EXPOSED END OF THE CONDUIT MUST BE SEALED WITH SILICONE CAULK. (ADD TRANSITIONING GROUND STANDARD DETAIL AS WELL).
21. BUILDINGS WHERE THE MAIN GROUNDING CONDUCTORS ARE REQUIRED TO BE ROUTED TO GRADE, THE CONTRACTOR SHALL ROUTE TWO GROUNDING CONDUCTORS FROM THE ROOFTOP, TOWERS, AND WATER TOWERS GROUNDING RING, TO THE EXISTING GROUNDING SYSTEM, THE GROUNDING CONDUCTORS SHALL NOT BE SMALLER THAN 2/0 COPPER. ROOFTOP GROUNDING RING SHALL BE BONDED TO THE EXISTING GROUNDING SYSTEM, THE BUILDING STEEL COLUMNS, LIGHTNING PROTECTION SYSTEM, AND BUILDING MAIN WATER LINE (FERROUS OR NONFERROUS METAL PIPING ONLY).

## ELECTRICAL INSTALLATION NOTES:

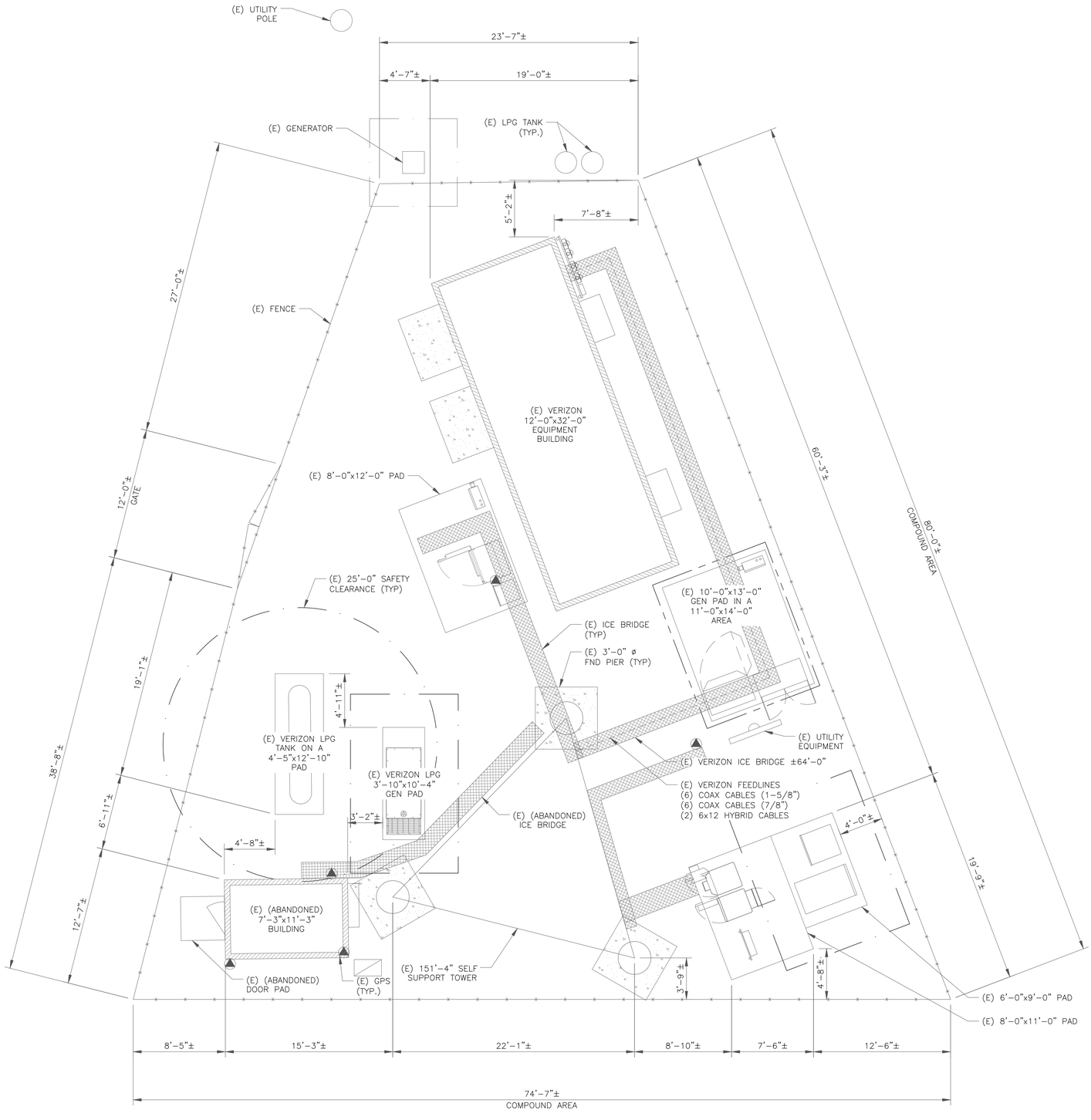
1. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, NEC AND ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES/ORDINANCES.
2. CONDUIT ROUTINGS ARE SCHEMATIC. CONTRACTOR SHALL INSTALL CONDUITS SO THAT ACCESS TO EQUIPMENT IS NOT BLOCKED AND TRIP HAZARDS ARE ELIMINATED.
3. WIRING, RACEWAY AND SUPPORT METHODS AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE NEC.
4. ALL CIRCUITS SHALL BE SEGREGATED AND MAINTAIN MINIMUM CABLE SEPARATION AS REQUIRED BY THE NEC.
   4.1. ALL EQUIPMENT SHALL BEAR THE UNDERWRITERS LABORATORIES LABEL OF APPROVAL, AND SHALL CONFORM TO REQUIREMENT OF THE NATIONAL ELECTRICAL CODE.
   4.2. ALL OVERCURRENT DEVICES SHALL HAVE AN INTERRUPTING CURRENT RATING THAT SHALL BE GREATER THAN THE SHORT CIRCUIT CURRENT TO WHICH THEY ARE SUBJECTED, 22,000 AIC MINIMUM. VERYIFY AVAILABLE SHORT CIRCUIT CURRENT DOES NOT EXCEED THE RATING OF ELECTRICAL EQUIPMENT IN ACCORDANCE WITH ARTICLE 110.24 NEC OR THE MOST CURRENT ADOPTED CODE PRE THE GOVERNING JURISDICTION.
5. EACH END OF EVERY POWER PHASE CONDUCTOR, GROUNDING CONDUCTOR, AND TELCO CONDUCTOR OR CABLE SHALL BE LABELED WITH COLOR–CODED INSULATION OR ELECTRICAL TAPE (3M BRAND, 1/2" PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, OR EQUAL). THE IDENTIFICATION METHOD SHALL CONFORM WITH NEC AND OSHA.
6. ALL ELECTRICAL COMPONENTS SHALL BE CLEARLY LABELED WITH LAMICOID TAGS SHOWING THEIR RATED VOLTAGE, PHASE CONFIGURATION, WIRE CONFIGURATION, POWER OR AMPACITY RATING AND BRANCH CIRCUIT ID NUMBERS (i.e. PANEL BOARD AND CIRCUIT ID'S).
7. PANEL BOARDS (ID NUMBERS) SHALL BE CLEARLY LABELED WITH PLASTIC LABELS.
8. ALL TIE WRAPS SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP EDGES.
9. ALL POWER AND EQUIPMENT GROUND WIRING IN TUBING OR CONDUIT SHALL BE SINGLE COPPER CONDUCTOR (#14 OR LARGER) WITH TYPE THHW, THWN, THWN–2, XHHW, XHHW–2, THW, THW–2, RHW, OR RHW–2 INSULATION UNLESS OTHERWISE SPECIFIED.
10. SUPPLEMENTAL EQUIPMENT GROUND WIRING LOCATED INDOORS SHALL BE SINGLE COPPER CONDUCTOR (#6 OR LARGER) WITH TYPE THHW, THWN, THWN–2, XHHW, XHHW–2, THW, THW–2, RHW, OR RHW–2 INSULATION UNLESS OTHERWISE SPECIFIED.
11. POWER AND CONTROL WIRING IN FLEXIBLE CORD SHALL BE MULTI–CONDUCTOR, TYPE SOOW CORD (#14 OR LARGER) UNLESS OTHERWISE SPECIFIED.
12. POWER AND CONTROL WIRING FOR USE IN CABLE TRAY SHALL BE MULTI–CONDUCTOR, TYPE TC CABLE (#14 OR LARGER), WITH TYPE THHW, THWN, THWN–2, XHHW, XHHW–2, THW, THW–2, RHW, OR RHW–2 INSULATION UNLESS OTHERWISE SPECIFIED.
13. ALL POWER AND GROUNDING CONNECTIONS SHALL BE CRIMP–STYLE, COMPRESSION WIRE LUGS AND WIRE NUTS BY THOMAS AND BETTS (OR EQUAL). LUGS AND WIRE NUTS SHALL BE RATED FOR OPERATION NOT LESS THAN 75° C (90° C IF AVAILABLE).
14. RACEWAY AND CABLE TRAY SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE AND NEC.
15. ELECTRICAL METALLIC TUBING (EMT), INTERMEDIATE METAL CONDUIT (IMC), OR RIGID METAL CONDUIT (RMC) SHALL BE USED FOR EXPOSED INDOOR LOCATIONS.
16. ELECTRICAL METALLIC TUBING (EMT) OR METAL–CLAD CABLE (MC) SHALL BE USED FOR CONCEALED INDOOR LOCATIONS.
17. SCHEDULE 40 PVC UNDERGROUND ON STRAIGHTS AND SCHEDULE 80 PVC FOR ALL ELBOWS/90s AND ALL APPROVED ABOVE GRADE PVC CONDUIT.
18. LIQUID–TIGHT FLEXIBLE METALLIC CONDUIT (LIQUID–TITE FLEX) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION OCCURS OR FLEXIBILITY IS NEEDED.
19. CONDUIT AND TUBING FITTINGS SHALL BE THREADED OR COMPRESSION–TYPE AND APPROVED FOR THE LOCATION USED. SET SCREW FITTINGS ARE NOT ACCEPTABLE.
20. CABINETS, BOXES AND WIRE WAYS SHALL BE LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE AND THE NEC.
21. WIREWAYS SHALL BE METAL WITH AN ENAMEL FINISH AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWNWARDS (WIREMOLD SPECMATE WIREWAY).
22. SLOTTED WIRING DUCT SHALL BE PVC AND INCLUDE COVER (PANDUIT TYPE E OR EQUAL).
23. CONDUITS SHALL BE FASTENED SECURELY IN PLACE WITH APPROVED NON–PERFORATED STRAPS AND HANGERS. EXPLOSIVE DEVICES (i.e. POWDER–ACTUATED) FOR ATTACHING HANGERS TO STRUCTURE WILL NOT BE PERMITTED. CLOSELY FOLLOW THE LINES OF THE STRUCTURE, MAINTAIN CLOSE PROXIMITY TO THE STRUCTURE AND KEEP CONDUITS IN TIGHT ENVELOPES. CHANGES IN DIRECTION TO ROUTE AROUND OBSTACLES SHALL BE MADE WITH CONDUIT OUTLET BODIES. CONDUIT SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. PARALLEL AND PERPENDICULAR TO STRUCTURE WALL AND CEILING LINES. ALL CONDUIT SHALL BE FISHED TO CLEAR OBSTRUCTIONS. ENDS OF CONDUITS SHALL BE TEMPORARILY CAPPED FLUSH TO FINISH GRADE TO PREVENT CONCRETE, PLASTER OR DIRT FROM ENTERING. CONDUITS SHALL BE RIGIDLY CLAMPED TO BOXES BY GALVANIZED MALLEABLE IRON BUSHING ON INSIDE AND GALVANIZED MALLEABLE IRON LOCKNUT ON OUTSIDE AND INSIDE.
24. EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES AND PULL BOXES SHALL BE GALVANIZED OR EPOXY–COATED SHEET STEEL. SHALL MEET OR EXCEED UL 50 AND BE RATED NEMA 1 (OR BETTER) FOR INTERIOR LOCATIONS AND NEMA 3R (OR BETTER) FOR EXTERIOR LOCATIONS.
25. METAL RECEPTACLE, SWITCH AND DEVICE BOXES SHALL BE GALVANIZED, EPOXY–COATED OR NON–CORRODING; SHALL MEET OR EXCEED UL 514A AND NEMA OS 1 AND BE RATED NEMA 1 (OR BETTER) FOR INTERIOR LOCATIONS AND WEATHER PROTECTED (WP OR BETTER) FOR EXTERIOR LOCATIONS.
26. NONMETALLIC RECEPTACLE, SWITCH AND DEVICE BOXES SHALL MEET OR EXCEED NEMA OS 2 (NEWEST REVISION) AND BE RATED NEMA 1 (OR BETTER) FOR INTERIOR LOCATIONS AND WEATHER PROTECTED (WP OR BETTER) FOR EXTERIOR LOCATIONS.
27. THE CONTRACTOR SHALL NOTIFY AND OBTAIN NECESSARY AUTHORIZATION FROM THE CARRIER AND/OR CROWN CASTLE USA INC. BEFORE COMMENCING WORK ON THE AC POWER DISTRIBUTION PANELS.
28. THE CONTRACTOR SHALL PROVIDE NECESSARY TAGGING ON THE BREAKERS, CABLES AND DISTRIBUTION PANELS IN ACCORDANCE WITH THE APPLICABLE CODES AND STANDARDS TO SAFEGUARD LIFE AND PROPERTY.
29. INSTALL LAMICOID LABEL ON THE METER CENTER TO SHOW "VERIZON".
30. ALL EMPTY/SPARE CONDUITS THAT ARE INSTALLED ARE TO HAVE A METERED MULE TAPE PULL CORD INSTALLED.

| CONDUCTOR COLOR CODE | | |
|---|---|---|
| SYSTEM | CONDUCTOR | COLOR |
| 120/240V, 1Ø | A PHASE | BLACK |
| | B PHASE | RED |
| | NEUTRAL | WHITE |
| | GROUND | GREEN |
| 120/208V, 3Ø | A PHASE | BLACK |
| | B PHASE | RED |
| | C PHASE | BLUE |
| | NEUTRAL | WHITE |
| | GROUND | GREEN |
| 277/480V, 3Ø | A PHASE | BROWN |
| | B PHASE | ORANGE OR PURPLE |
| | C PHASE | YELLOW |
| | NEUTRAL | GREY |
| | GROUND | GREEN |
| DC VOLTAGE | POS (+) | RED** |
| | NEG (–) | BLACK** |

* SEE NEC 210.5(C)(1) AND (2)
** POLARITY MARKED AT TERMINATION

## APWA UNIFORM COLOR CODE:

| | |
|---|---|
| WHITE | PROPOSED EXCAVATION |
| PINK | TEMPORARY SURVEY MARKINGS |
| RED | ELECTRIC POWER LINES, CABLES, CONDUIT, AND LIGHTING CABLES |
| YELLOW | GAS, OIL, STEAM, PET




1 SITE PLAN

SCALE: 4' 2' 0 4' 3/16"=1'-0" (FULL SIZE) 3/32"=1'-0" (11x17)


verizon
20 ALEXANDER DRIVE, 2ND FLOOR
WALLINGFORD, CT 06492

CROWN CASTLE
3 CORPORATE PARK DRIVE, SUITE 101
CLIFTON PARK, NY 12065

INFINIGY
FROM ZERO TO INFINIGY
the solutions are endless
BELLEVUE, WA 98004


VERIZON SITE NUMBER:
**469373**

BU #: **806384**
**NLN 136 943455**

93 ROXBURY ROAD
EAST LYME, CT 06357

EXISTING 151'-4" SELF SUPPORT TOWER

**ISSUED FOR:**

| REV | DATE | DRWN | DESCRIPTION | DES./QA |
|---|---|---|---|---|
| 0 | 07/28/2021 | RCD | FINAL CDs | HL |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

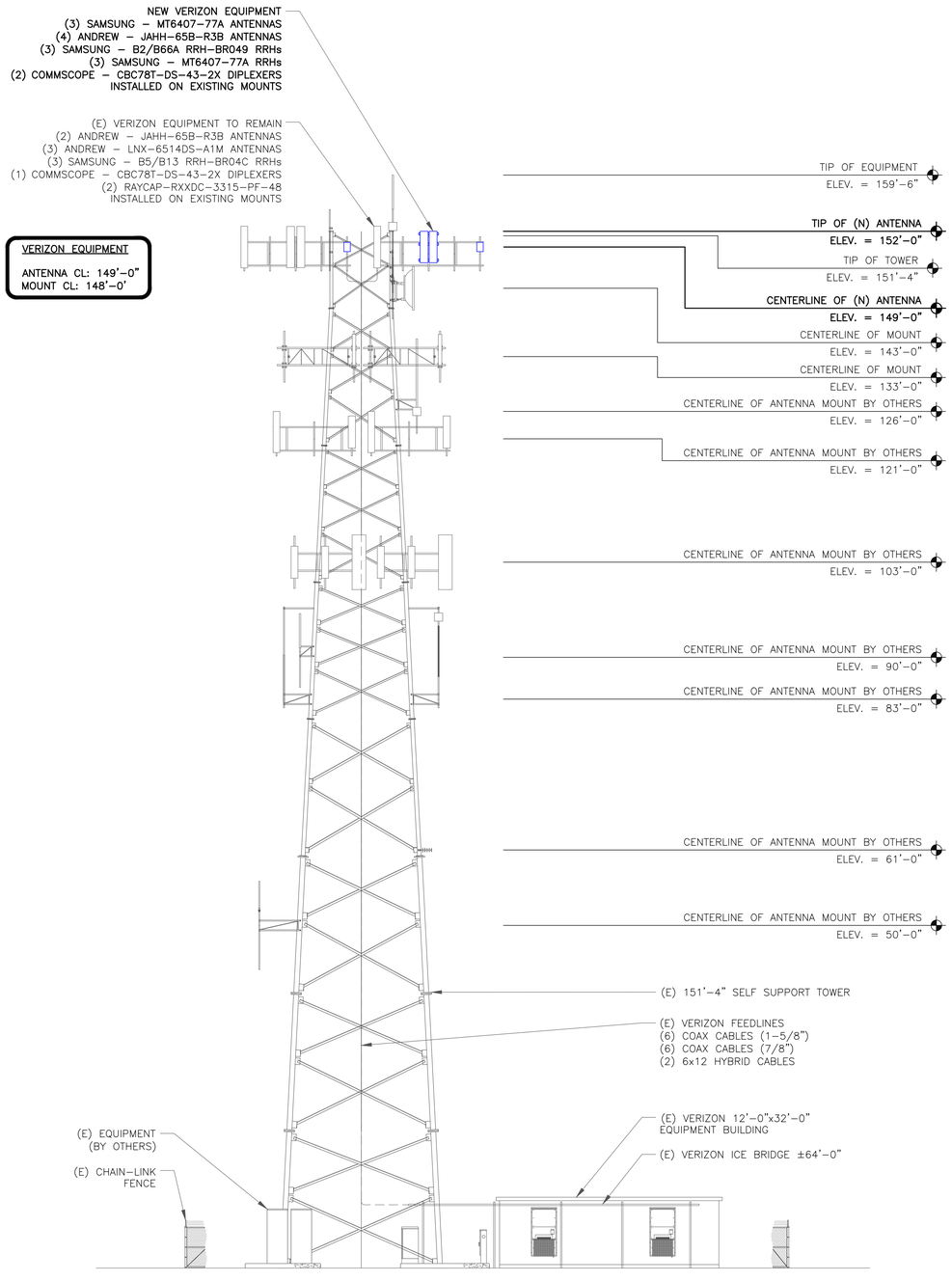
STATE OF CONNECTICUT
SHUHEI SAKANOUE
34916
LICENSED PROFESSIONAL ENGINEER

08-02-2021

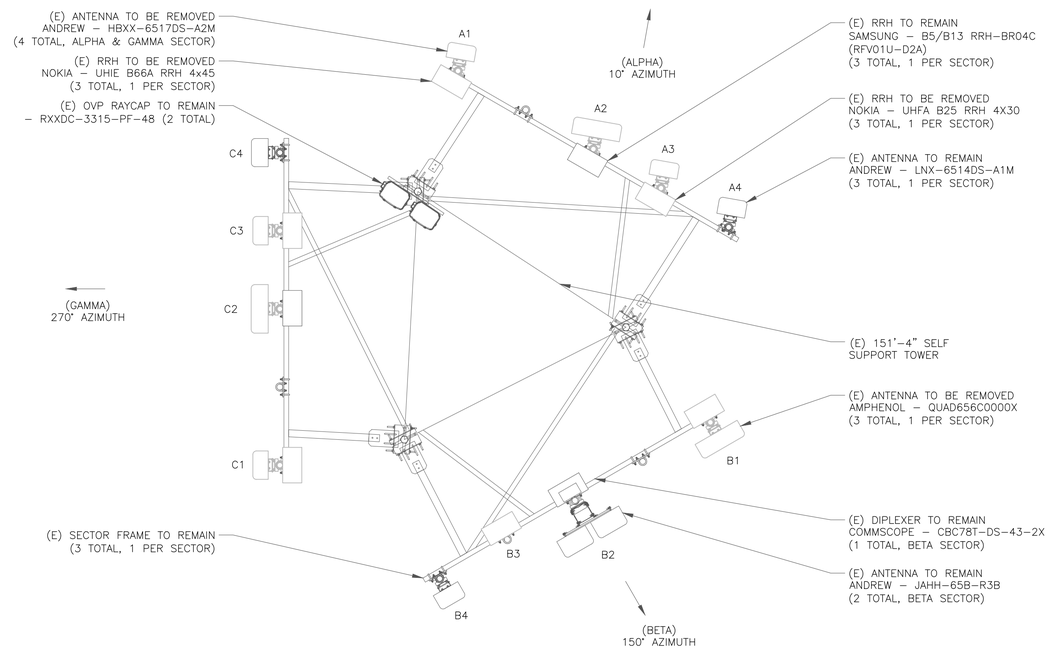

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.


**SHEET NUMBER:** C-1

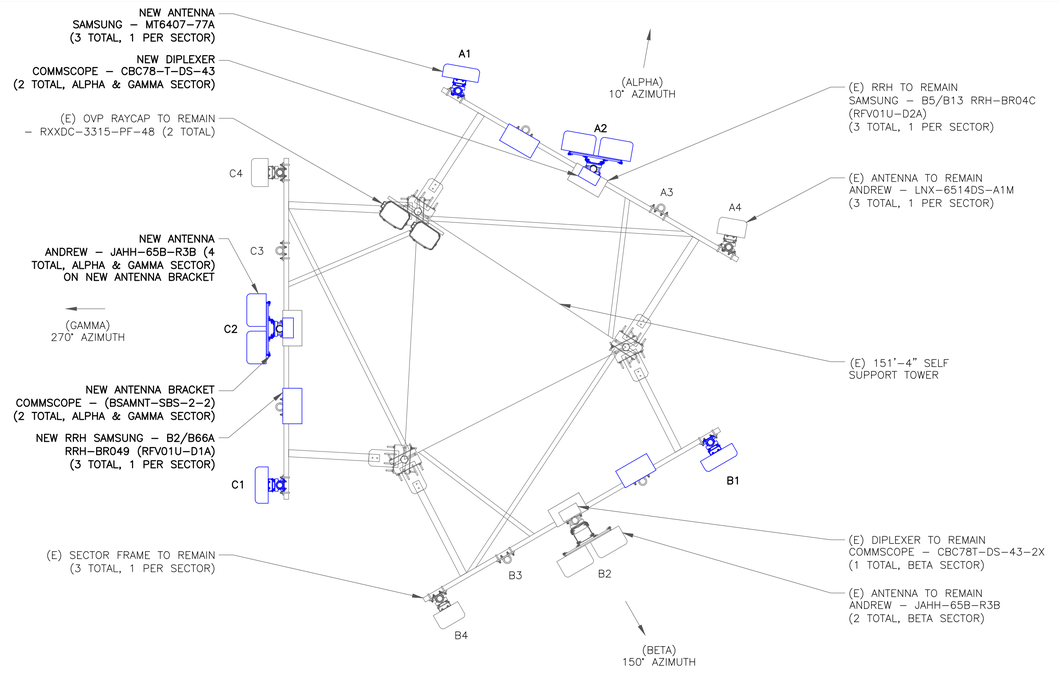
**REVISION:** 0




1 TOWER ELEVATION
SCALE: NOT TO SCALE




2 EXISTING ANTENNA PLAN
SCALE: NOT TO SCALE




3 NEW ANTENNA PLAN
SCALE: NOT TO SCALE

verizon
20 ALEXANDER DRIVE, 2ND FLOOR
WALLINGFORD, CT 06492

CROWN CASTLE
3 CORPORATE PARK DRIVE, SUITE 101
CLIFTON PARK, NY 12065

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VERIZON SITE NUMBER:
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BU #: **806384**
**NLN 136 943455**

93 ROXBURY ROAD
EAST LYME, CT 06357

EXISTING 151'-4" SELF SUPPORT TOWER

**ISSUED FOR:**

| REV | DATE | DRWN | DESCRIPTION | DES./QA |
|---|---|---|---|---|
| 0 | 07/28/2021 | RCD | FINAL CDs | HL |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

08-02-2021

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**SHEET NUMBER:** C-2

**REVISION:** 0

## ANTENNA/RRH SCHEDULE

| SECTOR | STATUS | ANTENNA MANUFACTURER | ANTENNA MODEL | ANTENNA CENTERLINE | AZIMUTH | MECHANICAL DOWNTILTS | ELECTRICAL DOWNTILTS | TOWER EQUIPMENT MANUFACTURER | TOWER EQUIPMENT QTY/MODEL |
|---|---|---|---|---|---|---|---|---|---|
| A1 | NEW | SAMSUNG | MT6407-77A | 149'-0" | 10° | 0° | 6° | – | – |
| A2 | NEW | ANDREW | (2) JAHH-65B-R3B | 149'-0" | 10° | 0° | 2°/2°/2°/2° | SAMSUNG/COMMSCOPE | (1) B5/B13 RRH-BR04C<br>(1) CBC78-T-DS-43<br>(1) B2/B66A RRH-BR049<br>(2) RAYCAP – RXXDC-3315-PF-48 |
| A3 | – | – | – | – | – | – | – | – | – |
| A4 | EXISTING | ANDREW | LNX-6514DS-A1M | 149'-0" | 10° | 0° | 3° | – | – |

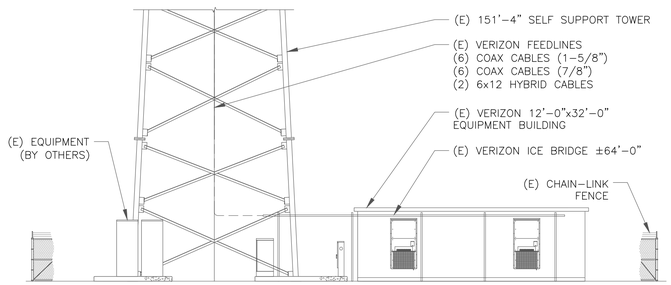
| SECTOR | STATUS | ANTENNA MANUFACTURER | ANTENNA MODEL | ANTENNA CENTERLINE | AZIMUTH | MECHANICAL DOWNTILTS | ELECTRICAL DOWNTILTS | TOWER EQUIPMENT MANUFACTURER | TOWER EQUIPMENT QTY/MODEL |
|---|---|---|---|---|---|---|---|---|---|
| B1 | NEW | SAMSUNG | MT6407-77A | 149'-0" | 150° | 0° | 6° | – | – |
| B2 | EXISTING | ANDREW | (2) JAHH-65B-R3B | 149'-0" | 150° | 0° | 6°/6°/6°/6° | SAMSUNG/COMMSCOPE | (1) B5/B13 RRH-BR04C<br>(1) CBC78-T-DS-43<br>(1) B2/B66A RRH-BR049 |
| B3 | – | – | – | – | – | – | – | – | – |
| B4 | EXISTING | ANDREW | LNX-6514DS-A1M | 149'-0" | 150° | 0° | 8° | – | – |

| SECTOR | STATUS | ANTENNA MANUFACTURER | ANTENNA MODEL | ANTENNA CENTERLINE | AZIMUTH | MECHANICAL DOWNTILTS | ELECTRICAL DOWNTILTS | TOWER EQUIPMENT MANUFACTURER | TOWER EQUIPMENT QTY/MODEL |
|---|---|---|---|---|---|---|---|---|---|
| C1 | NEW | SAMSUNG | MT6407-77A | 149'-0" | 270° | 0° | 6° | – | – |
| C2 | NEW | ANDREW | (2) JAHH-65B-R3B | 149'-0" | 270° | 0° | 4°/4°/4°/4° | SAMSUNG/COMMSCOPE | (1) B5/B13 RRH-BR04C<br>(1) CBC78-T-DS-43<br>(1) B2/B66A RRH-BR049 |
| C3 | – | – | – | – | – | – | – | – | – |
| C4 | EXISTING | ANDREW | LNX-6514DS-A1M | 149'-0" | 270° | 0° | 5° | – | – |

1 VERIZON TOWER EQUIPMENT SCHEDULE
SCALE: NOT TO SCALE

## CABLE SCHEDULE

| STATUS | CABLE TYPE | SIZE | LENGTH | QTY |
|---|---|---|---|---|
| EXISTING | COAX | 1-5/8" | 199'-0"± | 6 |
| EXISTING | COAX | 7/8" | 199'-0"± | 6 |
| EXISTING | HYBRID | 1-5/8" | 199'-0"± | 2 |
| TOTAL CABLE QTY: | | | | 14 |




2 BASE LEVEL DETAIL
SCALE: NOT TO SCALE


verizon
20 ALEXANDER DRIVE, 2ND FLOOR
WALLINGFORD, CT 06492

CROWN CASTLE
3 CORPORATE PARK DRIVE, SUITE 101
CLIFTON PARK, NY 12065

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FROM ZERO TO INFINIGY
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BELLEVUE, WA 98004


VERIZON SITE NUMBER:
**469373**

BU #: **806384**
**NLN 136 943455**

93 ROXBURY ROAD
EAST LYME, CT 06357

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| | | | | |
| | | | | |

STATE OF CONNECTICUT
SAUHEI SAKANOUE
34916
LICENSED PROFESSIONAL ENGINEER

08-02-2021


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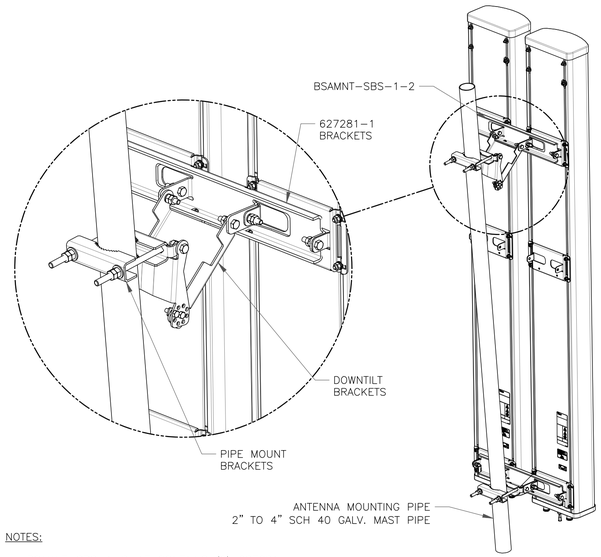
**SHEET NUMBER:** C-3

**REVISION:** 0

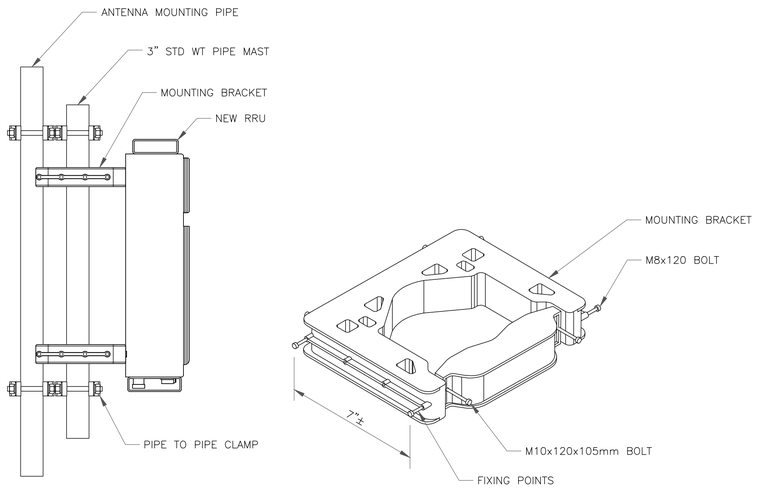



NOTES:

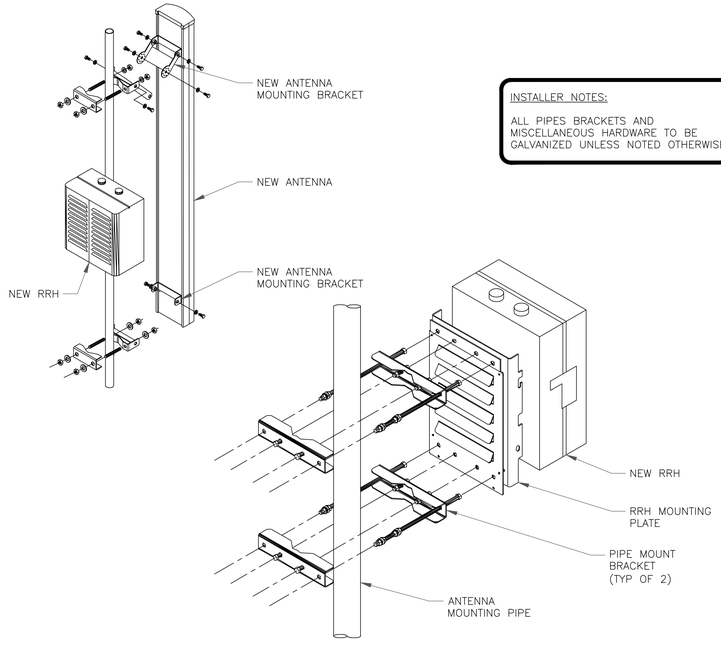
- BSAMNT–SBS–1–2 KIT CONTAINS (2) 627281 MOUNTING BRACKETS.
- TORQUE THE M10 BOLT ASSEMBLY TO 37 N.m. PER MANUFACTURE'S RECOMMENDATIONS.

1 COMMSCOPE – BSAMNT–SBS–1–2
SCALE: NOT TO SCALE

2 NOT USED
SCALE: NOT TO SCALE




3 NOKIA – FPKA BRACKET MOUNTING DETAIL
SCALE: NOT TO SCALE




INSTALLER NOTES:

ALL PIPES BRACKETS AND MISCELLANEOUS HARDWARE TO BE GALVANIZED UNLESS NOTED OTHERWISE.

4 ANTENNA & RRH MOUNTING DETAIL
SCALE: NOT TO SCALE

verizon
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WALLINGFORD, CT 06492

CROWN CASTLE
3 CORPORATE PARK DRIVE, SUITE 101
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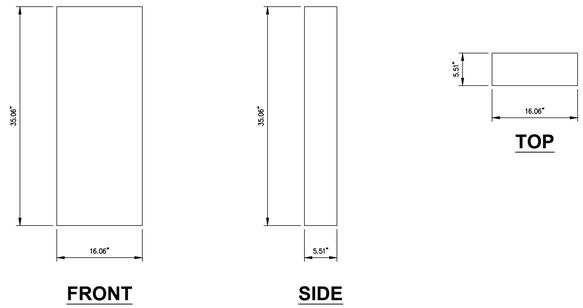
**SHEET NUMBER:** C-4

**REVISION:** 0

## SAMSUNG PANEL ANTENNA (MT6407-77A)

DIMENSIONS, HxWxD: 35.06"x16.06"x5.51"

WEIGHT, W/O BRACKETS: 81.57 lbs



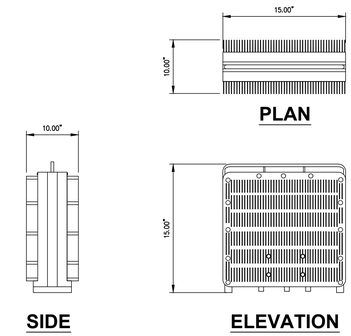

1 SAMSUNG MT6407-77A ANTENNA DETAIL
SCALE: NOT TO SCALE

## SAMSUNG B2/B66A RRH-BR049 (RFV01U-D1A)

DIMENSIONS, WxDxH: 15.00" X 15.00" X 10.00"

TOTAL WEIGHT: 84.40 lbs

TEMPERATURE: -40° TO 55° C



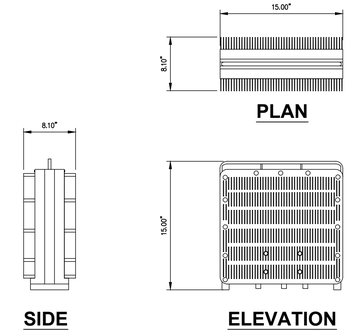

2 SAMSUNG B2/B66A RRH-BR049 DETAIL
SCALE: NOT TO SCALE

## SAMSUNG B5/B13 RRH-BR04C (RFV01U-D2A)

DIMENSIONS, WxDxH: 15.00" X 15.00" X 8.10"

TOTAL WEIGHT: 70.30 lbs

TEMPERATURE: -40° TO 55° C

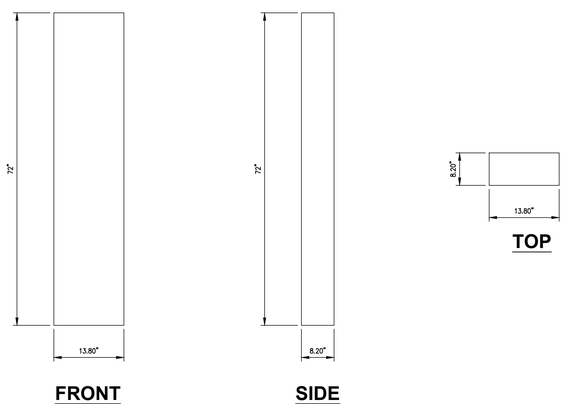



2 NOT USED
SCALE: NOT TO SCALE

## ANDREW PANEL ANTENNA (JAHH-65B-R3B)

DIMENSIONS, HxWxD: 72"x13.80"x8.20"

WEIGHT, W/O BRACKETS: 63.0 lbs

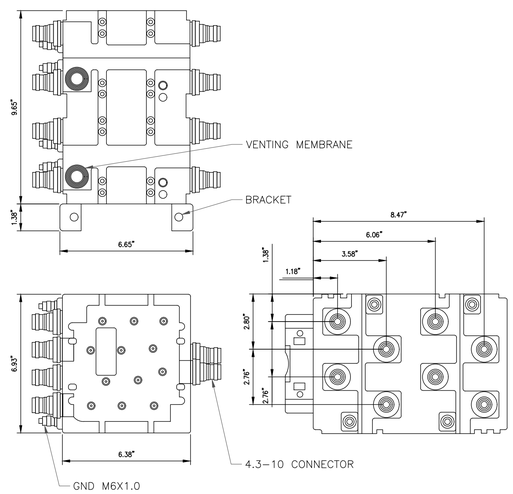



4 ANDREW JAHH-65B-R3B ANTENNA DETAIL
SCALE: NOT TO SCALE

## COMMSCOPE - DIPLEXER (CBC78-T-DS-43)

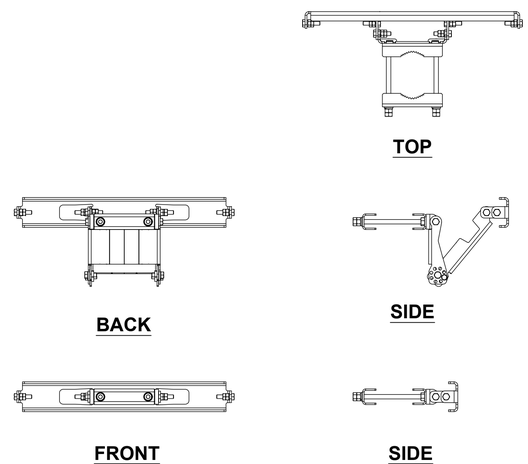
DIMENSIONS, HxWxD: 11.03"x8.47"x6.93"

WEIGHT, W/O BRACKETS: TBD




5 COMMSCOPE - CBC78T-DS-43-2X
SCALE: NOT TO SCALE

## COMMSCOPE ANTENNA BRACKET (BSAMNT-SBS-2-2)




6 COMMSCOPE BSAMNT-SBS-2-2 ANTENNA BRACKET DETAIL
SCALE: NOT TO SCALE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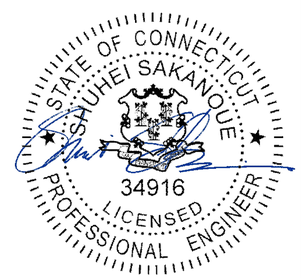


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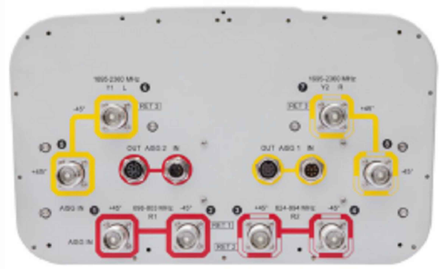
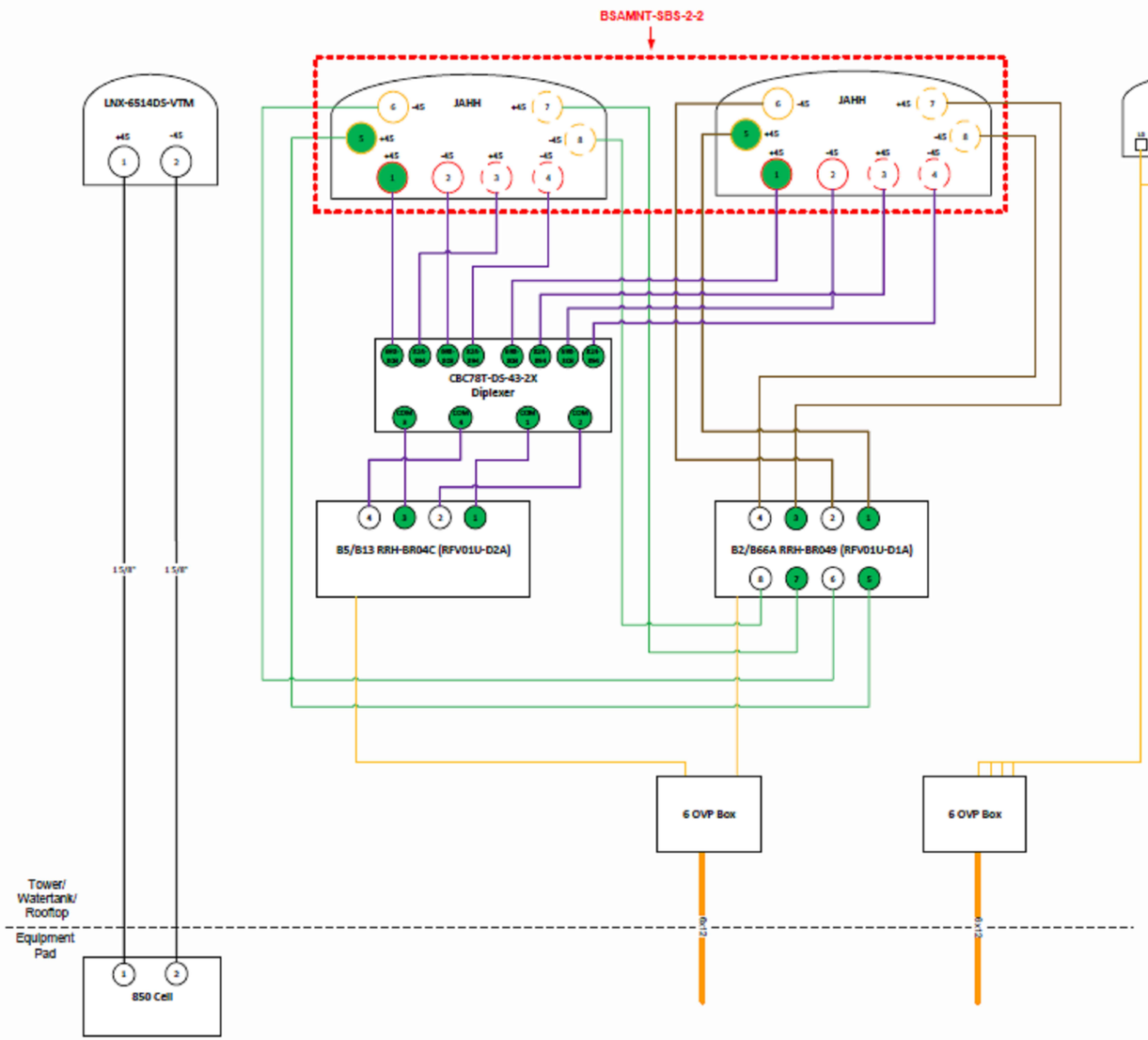
**SHEET NUMBER:** C-5

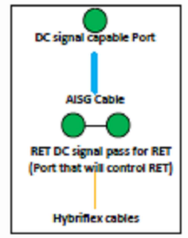
**REVISION:** 0






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

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




*Comments:*

*Diagram shows antenna port configuration as viewed from below antennas.*

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

*Cap and weatherproof unused antenna ports.*

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

1 PLUMBING DIAGRAM
SCALE: NOT TO SCALE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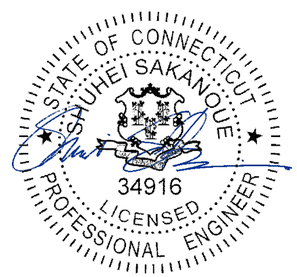


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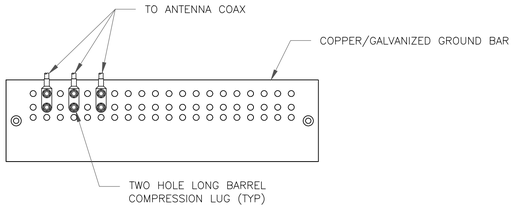
**SHEET NUMBER:** C-6

**REVISION:** 0



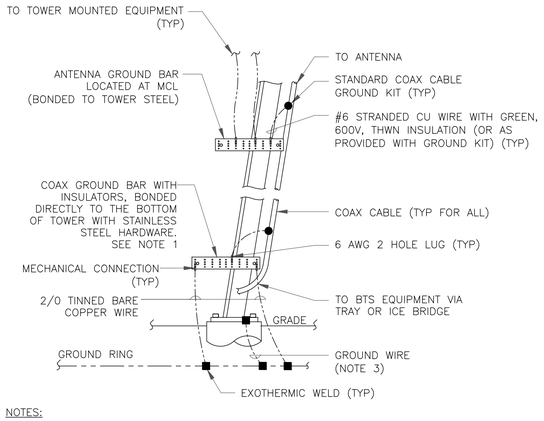

NOTES:

1. DOUBLING UP "OR STACKING" OF CONNECTIONS IS NOT PERMITTED.
2. EXTERIOR ANTIOXIDANT JOINT COMPOUND TO BE USED ON ALL EXTERIOR CONNECTIONS.
3. GROUND BAR SHALL NOT BE ISOLATED FROM TOWER. MOUNT DIRECTLY TO ANTENNA MOUNT STEEL.

1 ANTENNA SECTOR GROUND BAR DETAIL
SCALE: NOT TO SCALE

2 NOT USED
SCALE: NOT TO SCALE

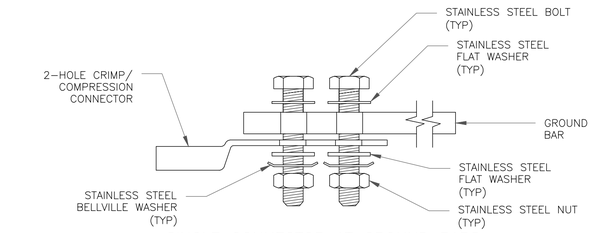
3 NOT USED
SCALE: NOT TO SCALE



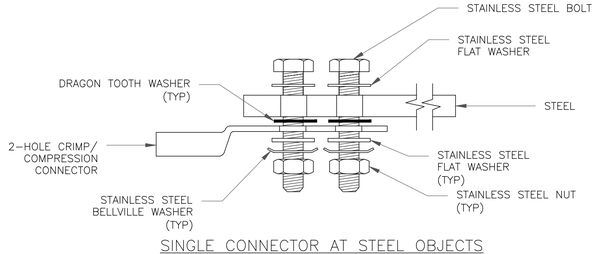

NOTES:

1. NUMBER OF GROUNDING BARS MAY VARY DEPENDING ON THE TYPE OF TOWER, ANTENNA LOCATIONS AND CONNECTION ORIENTATION. COAXIAL CABLES EXCEEDING 200 FEET ON THE TOWER SHALL HAVE GROUND KITS AT THE MIDPOINT. PROVIDE AS REQUIRED.
2. ONLY MECHANICAL CONNECTIONS ARE ALLOWED TO BE MADE TO CROWN CASTLE USA INC. TOWERS. ALL MECHANICAL CONNECTIONS SHALL BE TREATED WITH AN ANTI-OXIDANT COATING.
3. ALL TOWER GROUNDING SYSTEMS SHALL COMPLY WITH THE REQUIREMENTS OF THE RECOGNIZED EDITION OF ANSI/TIA 222 AND NFPA 780.

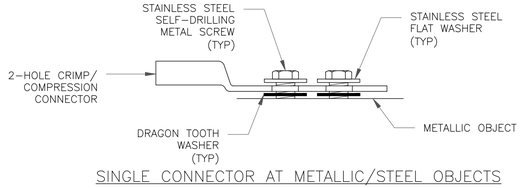
4 TYPICAL ANTENNA CABLE GROUNDING
SCALE: NOT TO SCALE




SINGLE CONNECTOR AT GROUND BARS




SINGLE CONNECTOR AT STEEL OBJECTS




SINGLE CONNECTOR AT METALLIC/STEEL OBJECTS

5 HARDWARE DETAIL FOR EXTERIOR CONNECTIONS
SCALE: NOT TO SCALE

6 NOT USED
SCALE: NOT TO SCALE

verizon
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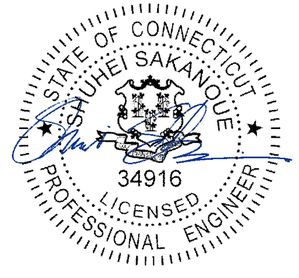


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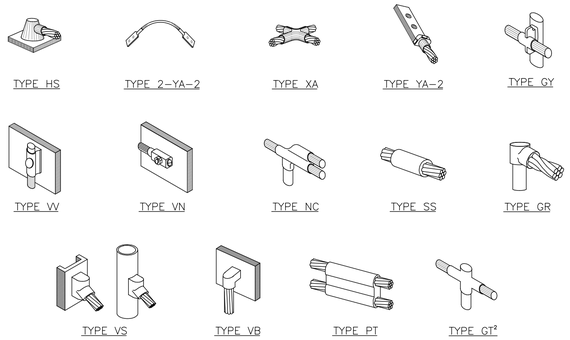
**SHEET NUMBER:** G-1

**REVISION:** 0

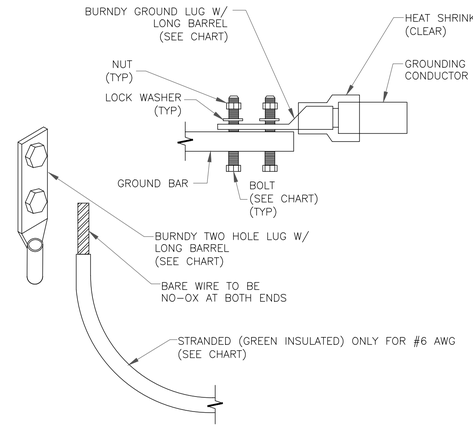



NOTE:

1. ERICO EXOTHERMIC "MOLD TYPES" SHOWN HERE ARE EXAMPLES. CONSULT WITH CONSTRUCTION MANAGER FOR SPECIFIC MOLDS TO BE USED FOR THIS PROJECT.
2. MOLD TYPE ONLY TO BE USED BELOW GRADE WHEN CONNECTING GROUND RING TO GROUND ROD.

1 CADWELD GROUNDING CONNECTIONS
SCALE: NOT TO SCALE

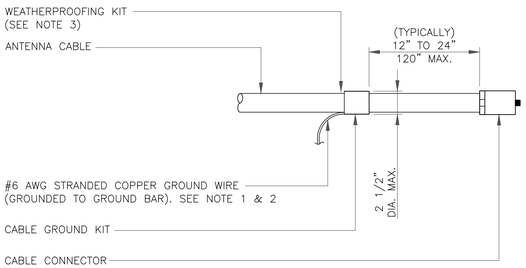
| WIRE SIZE | BURNDY LUG | BOLT SIZE |
|---|---|---|
| #6 AWG GREEN INSULATED | YA6C-2TC38 | 3/8" - 16 NC S 2 BOLT |
| #2 AWG SOLID TINNED | YA3C-2TC38 | 3/8" - 16 NC S 2 BOLT |
| #2 AWG STRANDED | YA2C-2TC38 | 3/8" - 16 NC S 2 BOLT |
| #2/0 AWG STRANDED | YA26-2TC38 | 3/8" - 16 NC S 2 BOLT |
| #4/0 AWG STRANDED | YA28-2N | 1/2" - 16 NC S 2 BOLT |




NOTES:

1. ALL GROUNDING LUGS ARE TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS. ALL HARDWARE BOLTS, NUTS, LOCK WASHERS SHALL BE STAINLESS STEEL. ALL HARDWARE ARE TO BE AS FOLLOWS: BOLT, FLAT WASHER,GROUND BAR, GROUND LUG, FLAT WASHER AND NUT.

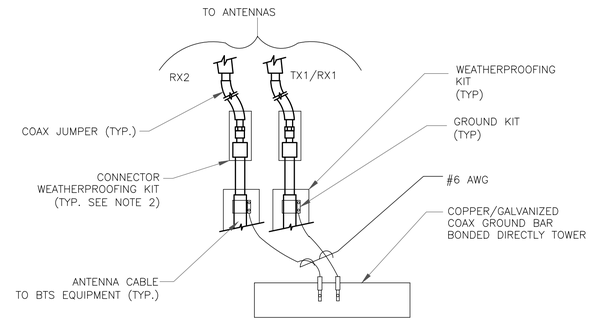
2 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE




NOTES:

1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.
2. GROUNDING KIT SHALL BE TYPE AND PART NUMBER AS SUPPLIED OR RECOMMENDED BY CABLE MANUFACTURER.
3. WEATHER PROOFING SHALL BE TWO-PART TAPE KIT, COLD SHRINK SHALL NOT BE USED.

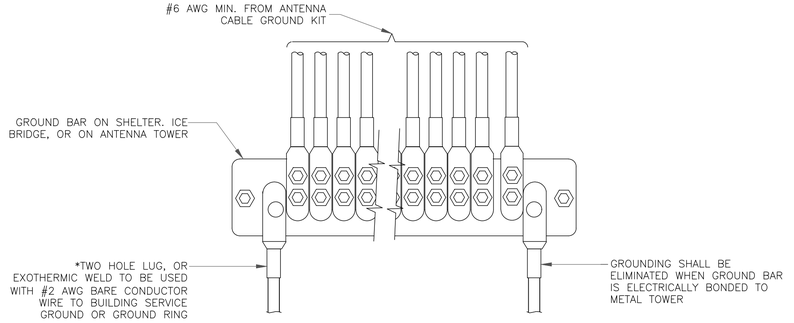
3 CABLE GROUND KIT CONNECTION
SCALE: NOT TO SCALE



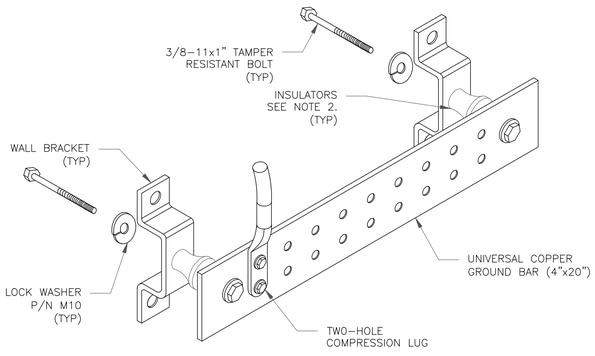

NOTES:

1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO ANTENNA GROUND BAR.
2. WEATHER PROOFING SHALL BE TWO-PART TAPE KIT. COLD SHRINK SHALL NOT BE USED.

4 GROUND CABLE CONNECTION
SCALE: NOT TO SCALE



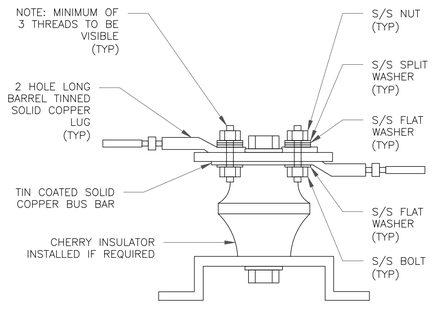

5 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE




NOTES:

1. DOWN LEAD (HOME RUN) CONDUCTORS ARE NOT TO BE INSTALLED ON CROWN CASTLE USA INC. TOWER, PER THE GROUNDING DOWN CONDUCTOR POLICY QAS-STD-10091. NO MODIFICATION OR DRILLING TO TOWER STEEL IS ALLOWED IN ANY FORM OR FASHION, CAD-WELDING ON THE TOWER AND/OR IN THE AIR ARE NOT PERMITTED.
2. OMIT INSULATOR WHEN MOUNTING TO TOWER STEEL OR PLATFORM STEEL USE INSULATORS WHEN ATTACHING TO BUILDING OR SHELTERS.

6 GROUND BAR DETAIL
SCALE: NOT TO SCALE




7 LUG DETAIL
SCALE: NOT TO SCALE

8 NOT USED
SCALE: NOT TO SCALE

verizon
20 ALEXANDER DRIVE, 2ND FLOOR
WALLINGFORD, CT 06492

CROWN CASTLE
3 CORPORATE PARK DRIVE, SUITE 101
CLIFTON PARK, NY 12065

INFINIGY
FROM ZERO TO INFINIGY
the solutions are endless
BELLEVUE, WA 98004

VERIZON SITE NUMBER:
**469373**

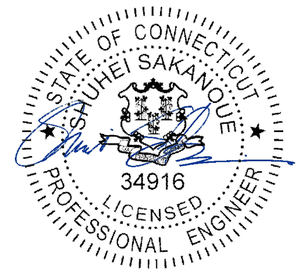
BU #: **806384**
**NLN 136 943455**

93 ROXBURY ROAD
EAST LYME, CT 06357

EXISTING 151'-4" SELF SUPPORT TOWER

**ISSUED FOR:**

| REV | DATE | DRWN | DESCRIPTION | DES./QA |
|---|---|---|---|---|
| 0 | 07/28/2021 | RCD | FINAL CDs | HL |
| | | | | |
| | | | | |
| | | | | |
| | | | | |




08-02-2021

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

**SHEET NUMBER:** G-2
**REVISION:** 0

# Exhibit D

## Structural Analysis Report

Date: **July 28, 2021**

MORRISON HERSHFIELD

Morrison Hershfield
1455 Lincoln Parkway, Suite 500
Atlanta, GA 30346
(770) 397-8500

| | | |
|---|---|---|
| ***Subject:*** | **Structural Analysis Report** | |
| ***Carrier Designation:*** | ***Verizon Wireless* Co-Locate** | |
| | **Site Number:** | 469373 |
| | **Site Name:** | East Lyme CT |
| ***Crown Castle Designation:*** | **BU Number:** | 806384 |
| | **Site Name:** | NLN 136 943455 |
| | **JDE Job Number:** | 678251 |
| | **Work Order Number:** | 1997234 |
| | **Order Number:** | 579096 Rev. 0 |
| ***Engineering Firm Designation:*** | **Morrison Hershfield Project Number:** CN9-034 / 2101398 | |
| ***Site Data:*** | **93 Roxbury Road, East Lyme, New London County, CT 06357**<br>**Latitude *41° 20' 8.35"*, Longitude *-72° 13' 18.28"***<br>**150 Foot - Self Support Tower** | |

Morrison Hershfield is pleased to submit this **"Structural Analysis Report"** to determine the structural integrity of the above-mentioned tower.

The purpose of the analysis is to determine acceptability of the tower stress level. Based on our analysis we have determined the tower stress level for the structure and foundation, under the following load case, to be:

LC7: Proposed Equipment Configuration **Sufficient Capacity**

This analysis utilizes an ultimate 3-second gust wind speed of 145 mph as required by the 2018 Connecticut State Building Code. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Respectfully submitted by:

G. Lance Cooke, P.E. (CT License No. PEN.0028133)
Senior Engineer

Digitally signed by G. Lance Cooke
Date: 2021.07.28 11:44:03-07'00'

## TABLE OF CONTENTS

**1) INTRODUCTION**

**2) ANALYSIS CRITERIA**
Table 1 - Proposed Equipment Configuration
Table 2 - Other Considered Equipment

**3) ANALYSIS PROCEDURE**
Table 3 - Documents Provided
3.1) Analysis Method
3.2) Assumptions

**4) ANALYSIS RESULTS**
Table 4 - Section Capacity (Summary)
Table 5 – Tower Component Stresses vs. Capacity – LC7
4.1) Recommendations

**5) APPENDIX A**
tnxTower Output

**6) APPENDIX B**
Base Level Drawing

**7) APPENDIX C**
Additional Calculations

## 1) INTRODUCTION

This tower is a 150 ft Self Support tower designed by Rohn.

The tower was modified multiple times in the past to accommodate additional loading. All the modifications have been considered in this analysis per their respective post modification inspection reports.

## 2) ANALYSIS CRITERIA

| | |
|---|---|
| **TIA-222 Revision:** | TIA-222-H |
| **Risk Category:** | II |
| **Wind Speed:** | 145 mph |
| **Exposure Category:** | B |
| **Topographic Factor:** | 1 |
| **Ice Thickness:** | 1.5 in |
| **Wind Speed with Ice:** | 50 mph |
| **Service Wind Speed:** | 60 mph |

**Table 1 - Proposed Equipment Configuration**

| Mounting Level (ft) | Center Line Elevation (ft) | Number of Antennas | Antenna Manufacturer | Antenna Model | Number of Feed Lines | Feed Line Size (in) |
|---|---|---|---|---|---|---|
| 148.0 | 149.0 | 6 | commscope | JAHH-65B-R3B w/ Mount Pipe | 8<br>2 | 1-5/8<br>7/8 |
| | | 3 | commscope | LNX-6514DS-AIM w/ Mount Pipe | | |
| | | 3 | samsung | MT6407-77A w/ Mount Pipe | | |
| | | 3 | samsung | RFV01U-D1A | | |
| | | 3 | samsung | RFV01U-D2A | | |
| | | 1 | commscope | CBC1923T-DS-43 | | |
| | | 2 | commscope | CBC78T-DS-43-2X | | |
| | | 2 | rfs/celwave | DB-B1-6C-12AB-0Z | | |
| | 148.0 | 1 | - | Sector Mount [SM 510-3] | | |
| | | 3 | - | Side by side Mounting Kit [#BSAMNT-SBS2-2] | | |
| | | 1 | tower mounts | Mount Reinforcement Specifications | | |

**Table 2 - Other Considered Equipment**

| Mounting Level (ft) | Center Line Elevation (ft) | Number of Antennas | Antenna Manufacturer | Antenna Model | Number of Feed Lines | Feed Line Size (in) |
|---|---|---|---|---|---|---|
| 150.0 | 157.0 | 1 | telewave | ANT150F2 | 1 | 7/8 |
| | 152.0 | 1 | motorola | PTP 400 | | |
| 146.0 | 145.0 | 1 | panasonic | WV-CW864 | 2 | 3/8 |
| 135.0 | 135.0 | 3 | jma wireless | MX08FRO665-21 w/ Mount Pipe | 1 | 1-1/2 |
| | | 3 | fujitsu | TA08025-B604 | | |
| | | 3 | fujitsu | TA08025-B605 | | |
| | | 1 | - | Commscope MTC3975083 (3) | | |
| 126.0 | 130.0 | 1 | amphenol | BCD-87010-EDIN-X | 1<br>1 | 7/8<br>17/64 |
| | | 1 | motorola | SC614 | | |
| | 126.0 | 1 | - | Side Arm Mount [SO 305-1] | | |
| | 125.0 | 1 | motorola | PTP 400 | | |

| Mounting Level (ft) | Center Line Elevation (ft) | Number of Antennas | Antenna Manufacturer | Antenna Model | Number of Feed Lines | Feed Line Size (in) |
|---|---|---|---|---|---|---|
| 121.0 | 122.0 | 3 | ericsson | AIR6449 B41_T-MOBILE w/ Mount Pipe | 3 | 1-5/8 |
| | | 3 | rfs/celwave | APX16DWV-16DWV-S-E-A20 w/ Mount Pipe | | |
| | | 3 | rfs/celwave | APXVAALL24_43-U-NA20_TMO w/ Mount Pipe | | |
| | | 3 | ericsson | RADIO 4415 B66A_CCIV3 | | |
| | | 3 | ericsson | RADIO 4424 B25_TMOV1 | | |
| | | 3 | ericsson | RADIO 4449 B71 B85A_T-MOBILE | | |
| | 121.0 | 1 | - | Sector Mount [SM 502-3] | | |
| 103.0 | 103.0 | 3 | ericsson | AIR 32 B2A B66AA_T-MOBILE w/ Mount Pipe | 6 | 1-5/8 |
| | | 3 | ericsson | AIR6449 B41_T-MOBILE w/ Mount Pipe | | |
| | | 3 | rfs/celwave | APXVAARR24_43-U-NA20 w/ Mount Pipe | | |
| | | 3 | ericsson | RADIO 4449 B71 B85A_T-MOBILE | | |
| | | 3 | ericsson | RRUS 4415 B25 | | |
| | | 1 | - | Sector Mount [SM 702-3] | | |
| 90.0 | 93.0 | 1 | telewave | ANT150F2 | 1 | 1/2 |
| | 90.0 | 1 | - | Side Arm Mount [SO 302-1] | | |
| 83.0 | 95.0 | 1 | motorola | PTP 400 | 1 | 7/8 |
| | 90.0 | 1 | telewave | ANT150D3 | 1 | 1/2 |
| | 86.0 | 1 | telewave | ANT940F10 | 1 | 7//64 |
| | 83.0 | 2 | - | Side Arm Mount [SO 305-1] | | |
| 61.0 | 61.0 | 1 | maxrad | BMOY8905 | 1 | 1/4 |
| 50.0 | 52.0 | 1 | lucent | KS24019-L112A | 1 | 1/2 |
| | 50.0 | 1 | - | Side Arm Mount [SO 305-1] | | |

## 3) ANALYSIS PROCEDURE

**Table 3 - Documents Provided**

| Document | Reference | Source |
|---|---|---|
| 4-GEOTECHNICAL REPORTS | 258373 | CCISITES |
| 4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS | 958525 | CCISITES |
| 4-TOWER MANUFACTURER DRAWINGS | 258359 | CCISITES |
| 4-TOWER REINFORCEMENT DESIGN/DRAWINGS/DATA | 2883931 | CCISITES |
| 4-TOWER REINFORCEMENT DESIGN/DRAWINGS/DATA | 2457486 | CCISITES |
| 4-TOWER REINFORCEMENT DESIGN/DRAWINGS/DATA | 2215933 | CCISITES |
| 4-POST-MODIFICATION INSPECTION | 2457484 | CCISITES |
| 4-TOWER REINFORCEMENT DESIGN/DRAWINGS/DATA | 801526 | CCISITES |
| 4-POST-MODIFICATION INSPECTION | 3046703 | CCISITES |

### 3.1) Analysis Method

tnxTower (version 8.1.1.0), a commercially available analysis software package, was used to create a three-dimensional model of the tower and calculate member stresses for various loading cases. Selected output from the analysis is included in Appendix A. When applicable, Crown Castle has calculated and provided the effective area for panel antennas using approved methods following the intent of the TIA-222 standard.

### 3.2) Assumptions

1) Tower and structures were maintained in accordance with the TIA-222 Standard.
2) The configuration of antennas, transmission cables, mounts and other appurtenances are as specified in Tables 1 and 2 and the referenced drawings.

This analysis may be affected if any assumptions are not valid or have been made in error. Morrison Hershfield should be notified to determine the effect on the structural integrity of the tower.

## 4) ANALYSIS RESULTS

**Table 4 - Section Capacity (Summary)**

| Section No. | Elevation (ft) | Component Type | Size | Critical Element | P (K) | SF*P_allow (K) | % Capacity | Pass / Fail |
|---|---|---|---|---|---|---|---|---|
| T1 | 150 - 145 | Leg | ROHN 2.5 STD | 3 | -6.58 | 60.05 | 11.0 | Pass |
| T2 | 145 - 140 | Leg | ROHN 2.5 STD | 15 | -8.22 | 60.05 | 13.7 | Pass |
| T3 | 140 - 120 | Leg | ROHN 2.5 EH | 24 | -31.56 | 61.44 | 51.4 | Pass |
| T4 | 120 - 113.333 | Leg | ROHN 2.5 EH (GR) | 48 | -41.09 | 68.62 | 59.9 | Pass |
| T5 | 113.333 - 106.667 | Leg | ROHN 2.5 EH (GR) | 57 | -52.04 | 68.62 | 75.8 | Pass |
| T6 | 106.667 - 100 | Leg | ROHN 2.5 EH (GR) | 66 | -62.97 | 107.50 | 58.6 | Pass |
| T7 | 100 - 93.3333 | Leg | ROHN 3 EH (GR) | 78 | -75.44 | 116.03 | 65.0 | Pass |
| T8 | 93.3333 - 86.6667 | Leg | ROHN 3 EH (GR) | 87 | -86.81 | 156.86 | 55.3 | Pass |
| T9 | 86.6667 - 80 | Leg | ROHN 3 EH (GR) | 97 | -99.08 | 156.90 | 63.2 | Pass |
| T10 | 80 - 70 | Leg | ROHN 4 EH (GR) | 109 | -114.51 | 153.02 | 74.8 | Pass |
| T11 | 70 - 60 | Leg | ROHN 4 EH (GR) | 118 | -132.24 | 229.95 | 57.5 | Pass |
| T12 | 60 - 50 | Leg | ROHN 4 EH (GR) | 130 | -150.28 | 229.99 | 65.3 | Pass |
| T13 | 50 - 40 | Leg | ROHN 4 EH (GR) | 142 | -167.80 | 230.11 | 72.9 | Pass |
| T14 | 40 - 30 | Leg | ROHN 5 EH (GR) | 154 | -186.13 | 266.56 | 69.8 | Pass |
| T15 | 30 - 20 | Leg | ROHN 5 EH (GR) | 163 | 169.41 | 288.79 | 58.7 | Pass |
| T16 | 20 - 10 | Leg | ROHN 5 EH (GR) | 175 | 183.72 | 288.79 | 63.6 | Pass |
| T17 | 10 - 0 | Leg | ROHN 5 EH (GR) | 187 | -238.02 | 348.50 | 68.3 | Pass |
| T1 | 150 - 145 | Diagonal | L1 1/2x1 1/2x3/16 | 9 | -1.41 | 4.26 | 33.1 | Pass |
| T2 | 145 - 140 | Diagonal | L2x2x3/16 | 19 | -2.94 | 10.47 | 28.1 | Pass |
| T3 | 140 - 120 | Diagonal | L2 1/2x2 1/2x3/16 | 33 | -4.69 | 12.57 | 37.3 | Pass |
| T4 | 120 - 113.333 | Diagonal | L2 1/2x2 1/2x3/16 | 54 | -6.09 | 12.95 | 47.0 | Pass |
| T5 | 113.333 - 106.667 | Diagonal | L2 1/2x2 1/2x3/16 | 63 | -5.97 | 12.04 | 49.6 | Pass |
| T6 | 106.667 - 100 | Diagonal | L2 1/2x2 1/2x3/16x3/16 | 72 | -7.59 | 38.58 | 19.7 | Pass |
| T7 | 100 - 93.3333 | Diagonal | L3x3x3/16 | 84 | -7.52 | 17.13 | 43.9 | Pass |
| T8 | 93.3333 - 86.6667 | Diagonal | L3x3x3/16 | 93 | -7.97 | 16.00 | 49.8 | Pass |
| T9 | 86.6667 - 80 | Diagonal | 2L3x3x3/16x1/4 | 105 | -8.18 | 47.56 | 17.2 | Pass |
| T10 | 80 - 70 | Diagonal | 2L3x3x3/16x1/4 | 117 | -9.22 | 39.20 | 23.5 | Pass |

| Section No. | Elevation (ft) | Component Type | Size | Critical Element | P (K) | SF*P_allow (K) | % Capacity | Pass / Fail |
|---|---|---|---|---|---|---|---|---|
| T11 | 70 - 60 | Diagonal | 2L3x3x3/16x1/4 | 126 | -10.04 | 35.93 | 27.9 | Pass |
| T12 | 60 - 50 | Diagonal | 2L3x3x1/4x1/4 | 138 | -10.15 | 46.14 | 22.0 | Pass |
| T13 | 50 - 40 | Diagonal | 2L3x3x1/4x1/4 | 150 | -10.60 | 42.40 | 25.0 | Pass |
| T14 | 40 - 30 | Diagonal | 2L3 1/2x3 1/2x1/4x1/4 | 162 | -10.25 | 60.05 | 17.1 | Pass |
| T15 | 30 - 20 | Diagonal | 2L3 1/2x3 1/2x1/4x1/4 | 171 | -11.71 | 55.93 | 20.9 | Pass |
| T16 | 20 - 10 | Diagonal | 2L4x4x1/4x1/4 | 183 | -11.38 | 73.00 | 15.6 | Pass |
| T17 | 10 - 0 | Diagonal | 2L4x4x1/4x1/4 | 195 | -12.87 | 68.42 | 18.8 | Pass |
| T6 | 106.667 - 100 | Secondary Horizontal | L2x2x3/16 | 74 | -1.24 | 6.68 | 18.5 | Pass |
| T8 | 93.3333 - 86.6667 | Secondary Horizontal | L2x2x3/16 | 95 | -1.51 | 5.39 | 27.9 | Pass |
| T9 | 86.6667 - 80 | Secondary Horizontal | L2x2x3/16 | 108 | -1.72 | 4.86 | 35.4 | Pass |
| T11 | 70 - 60 | Secondary Horizontal | L2 1/2x2 1/2x3/16 | 129 | -2.29 | 7.61 | 30.1 | Pass |
| T12 | 60 - 50 | Secondary Horizontal | L3x3x1/4 | 141 | -2.61 | 15.41 | 16.9 | Pass |
| T13 | 50 - 40 | Secondary Horizontal | L3x3x1/4 | 153 | -2.91 | 13.65 | 21.3 | Pass |
| T15 | 30 - 20 | Secondary Horizontal | L3x3x3/16 | 174 | -3.52 | 8.45 | 41.7 | Pass |
| T16 | 20 - 10 | Secondary Horizontal | L3x3x3/16 | 186 | -3.83 | 7.64 | 50.2 | Pass |
| T17 | 10 - 0 | Secondary Horizontal | L3 1/2x3 1/2x1/4 | 198 | -4.13 | 14.61 | 28.3 | Pass |
| T1 | 150 - 145 | Top Girt | L2 1/2x2 1/2x3/16 | 4 | -0.34 | 7.01 | 4.9 | Pass |
| T3 | 140 - 120 | Top Girt | L2 1/2x2 1/2x3/16 | 25 | -0.66 | 7.01 | 9.5 | Pass |
| | | | | | | | Summary | |
| | | | | | | Leg (T5) | 75.8 | Pass |
| | | | | | | Diagonal (T8) | 49.8 | Pass |
| | | | | | | Secondary Horizontal (T16) | 50.2 | Pass |
| | | | | | | Top Girt (T3) | 9.5 | Pass |
| | | | | | | Bolt Checks | 68.7 | Pass |
| | | | | | | Rating = | 75.8 | Pass |

**Table 5 - Tower Component Stresses vs. Capacity – LC7**

| Notes | Component | Elevation (ft) | % Capacity | Pass / Fail |
|---|---|---|---|---|
| 1 | Anchor Rods | 0 | 57.0 | Pass |
| 1 | Base Foundation (Structure) | 0 | 50.9 | Pass |
| 1 | Base Foundation (Soil Interaction) | | 79.3 | Pass |

| Structure Rating (max from all components) = | 79.3%* |
|---|---|

Notes:
1) See additional documentation in “Appendix C – Additional Calculations” for calculations supporting the % capacity consumed.
2) *Rating per TIA-222-H, Section 15.5.

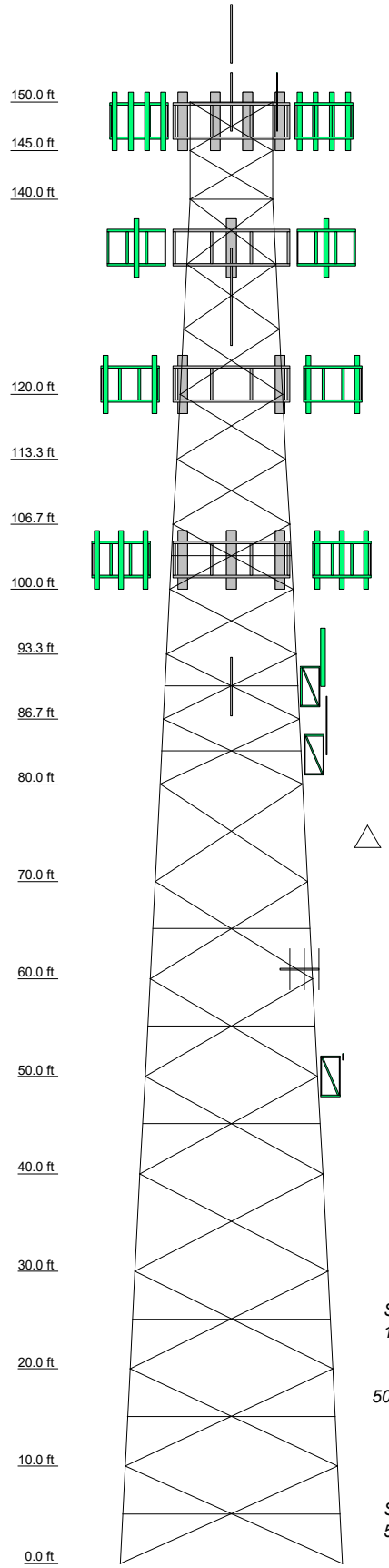
### 4.1) Recommendations

The tower and its foundation have sufficient capacity to carry the proposed load configuration. No modifications are required at this time.

## APPENDIX A

## TNXTOWER OUTPUT

| Section | | T1 | T2 | T3 | T4 | T5 | T6 | T7 | T8 | T9 | T10 | T11 | T12 | T13 | T14 | T15 | T16 | T17 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Legs | | ROHN 2.5 STD | | ROHN 2.5 EH | | ROHN 2.5 EH (GR) | | ROHN 3 EH (GR) | | | ROHN 4 EH (GR) | | | | | ROHN 5 EH (GR) | | |
| Leg Grade | | A572-50 | | | | | | | | | | | | | | | | |
| Diagonals | A | B | | L2 1/2x2 1/2x3/16 | | | C | L3x3x3/16 | | | 2L3x3x3/16x1/4 | | 2L3x3x1/4x1/4 | | 2L3 1/2x3 1/2x1/4x1/4 | | 2L4x4x1/4x1/4 | |
| Diagonal Grade | | A36 | | | | | | | | | | | | | | | | |
| Top Girts | D | N.A. | | L2 1/2x2 1/2x3/16 | | | | | | | | | | | | | | |
| Sec. Horizontals | D | N.A. | | N.A. | | | L2x2x3/16 | N.A. | | L2x2x3/16 | N.A. | D | L3x3x1/4 | | N.A. | L3x3x3/16 | | E |
| Face Width (ft) | 8.5625 | | | | 10.5625 | 11.2422 | 11.9245 | 12.6042 | 13.3021 | 14 | 14.6979 | 15.6979 | 16.6979 | 17.7344 | 18.7708 | 19.776 | 20.7813 | 21.7813 |
| # Panels @ (ft) | 2 @ 5 | | | | | 9 @ 6.66667 | | | | | | | | | 8 @ 10 | | | |
| Weight (K) | 27.9 | 0.3 | 0.2 | 1.2 | 0.5 | 0.5 | 0.9 | 0.7 | 0.8 | 1.2 | 1.7 | 1.9 | 2.3 | 2.4 | 2.8 | 3.1 | 3.5 | 3.7 |




## SYMBOL LIST

| MARK | SIZE | MARK | SIZE |
|---|---|---|---|
| A | L1 1/2x1 1/2x3/16 | D | L2 1/2x2 1/2x3/16 |
| B | L2x2x3/16 | E | L3 1/2x3 1/2x1/4 |
| C | L2 1/2x2 1/2x3/16x3/16 | | |

## MATERIAL STRENGTH

| GRADE | Fy | Fu | GRADE | Fy | Fu |
|---|---|---|---|---|---|
| A572-50 | 50 ksi | 65 ksi | A36 | 36 ksi | 58 ksi |

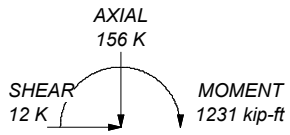
## TOWER DESIGN NOTES

1. Tower is located in New London County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 145 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category III.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. Grouted pipe f'c is 8 ksi
9. TOWER RATING: 75.8%

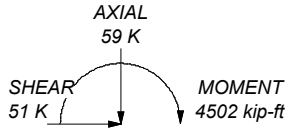
*ALL REACTIONS ARE FACTORED*

*MAX. CORNER REACTIONS AT BASE:*
*DOWN: 247 K*
*SHEAR: 32 K*

*UPLIFT: -204 K*
*SHEAR: 27 K*




*TORQUE 23 kip-ft*
*50 mph WIND - 1.5000 in ICE*




*TORQUE 70 kip-ft*
*REACTIONS - 145 mph WIND*


Morrison Hershfield
Consulting Engineers
1455 Lincoln Parkway, Suite 500
Atlanta, GA 30346
Phone: (770) 397-8500
FAX: (770) 397-8501


| | | | |
|---|---|---|---|
| Job: CN9-034 / 2101398 | | | |
| Project: 806384 / NLN 136 943455 | | | |
| Client: Crown Castle USA | Drawn by: SK | App'd: | |
| Code: TIA-222-H | Date: 07/28/21 | Scale: NTS | |
| Path: C:\Users\SKethavarapu\Desktop\Jobs\CN9-034\Analysis\CN9-034 BU_806384 WO_1997234.dri | | Dwg No. E-1 | |

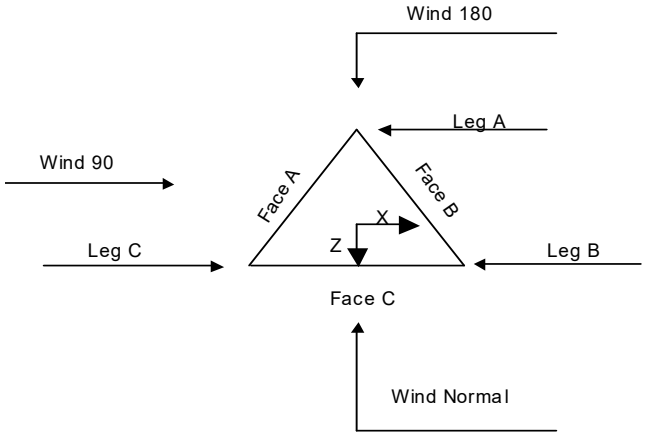
# Tower Input Data

The main tower is a 3x free standing tower with an overall height of 150.00 ft above the ground line.
The base of the tower is set at an elevation of 0.00 ft above the ground line.
The face width of the tower is 8.56 ft at the top and 22.78 ft at the base.
This tower is designed using the TIA-222-H standard.
The following design criteria apply:

Tower is located in New London County, Connecticut.
Tower base elevation above sea level: 173.00 ft.
Basic wind speed of 145 mph.
Risk Category III.
Exposure Category B.
Simplified Topographic Factor Procedure for wind speed-up calculations is used.
Topographic Category: 1.
Crest Height: 0.00 ft.
Nominal ice thickness of 1.5000 in.
Ice thickness is considered to increase with height.
Ice density of 56 pcf.
A wind speed of 50 mph is used in combination with ice.
Temperature drop of 50 °F.
Deflections calculated using a wind speed of 60 mph.
Grouted pipe $f'_c$ is 8 ksi.
Pressures are calculated at each section.
Stress ratio used in tower member design is 1.
Tower analysis based on target reliabilities in accordance with Annex S.
Load Modification Factors used: $K_{es}(F_w) = 1.0$, $K_{es}(t_i) = 1.0$.
Maximum demand-capacity ratio is: 1.05.
Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

# Options

| | | | | | |
|---|---|---|---|---|---|
| | Consider Moments - Legs | | Distribute Leg Loads As Uniform | | Use ASCE 10 X-Brace Ly Rules |
| | Consider Moments - Horizontals | | Assume Legs Pinned | √ | Calculate Redundant Bracing Forces |
| | Consider Moments - Diagonals | √ | Assume Rigid Index Plate | | Ignore Redundant Members in FEA |
| | Use Moment Magnification | √ | Use Clear Spans For Wind Area | | SR Leg Bolts Resist Compression |
| √ | Use Code Stress Ratios | √ | Use Clear Spans For KL/r | | All Leg Panels Have Same Allowable |
| √ | Use Code Safety Factors - Guys | | Retension Guys To Initial Tension | | Offset Girt At Foundation |
| | Escalate Ice | √ | Bypass Mast Stability Checks | √ | Consider Feed Line Torque |
| | Always Use Max Kz | √ | Use Azimuth Dish Coefficients | √ | Include Angle Block Shear Check |
| | Use Special Wind Profile | √ | Project Wind Area of Appurt. | | Use TIA-222-H Bracing Resist. Exemption |
| | Include Bolts In Member Capacity | | Autocalc Torque Arm Areas | | Use TIA-222-H Tension Splice Exemption |
| | Leg Bolts Are At Top Of Section | | Add IBC .6D+W Combination | | Poles |
| √ | Secondary Horizontal Braces Leg | √ | Sort Capacity Reports By Component | | Include Shear-Torsion Interaction |
| | Use Diamond Inner Bracing (4 Sided) | | Triangulate Diamond Inner Bracing | | Always Use Sub-Critical Flow |
| | SR Members Have Cut Ends | | Treat Feed Line Bundles As Cylinder | | Use Top Mounted Sockets |
| | SR Members Are Concentric | | Ignore KL/ry For 60 Deg. Angle Legs | | Pole Without Linear Attachments |
| | | | | | Pole With Shroud Or No Appurtenances |
| | | | | | Outside and Inside Corner Radii Are Known |




***Triangular Tower***

## Tower Section Geometry

| Tower Section | Tower Elevation | Assembly Database | Description | Section Width | Number of Sections | Section Length |
|---|---|---|---|---|---|---|
| | ft | | | ft | | ft |
| T1 | 150.00-145.00 | | | 8.56 | 1 | 5.00 |
| T2 | 145.00-140.00 | | | 8.56 | 1 | 5.00 |
| T3 | 140.00-120.00 | | | 8.56 | 1 | 20.00 |
| T4 | 120.00-113.33 | | | 10.56 | 1 | 6.67 |
| T5 | 113.33-106.67 | | | 11.24 | 1 | 6.67 |
| T6 | 106.67-100.00 | | | 11.92 | 1 | 6.67 |
| T7 | 100.00-93.33 | | | 12.60 | 1 | 6.67 |
| T8 | 93.33-86.67 | | | 13.30 | 1 | 6.67 |
| T9 | 86.67-80.00 | | | 14.00 | 1 | 6.67 |
| T10 | 80.00-70.00 | | | 14.70 | 1 | 10.00 |
| T11 | 70.00-60.00 | | | 15.70 | 1 | 10.00 |
| T12 | 60.00-50.00 | | | 16.70 | 1 | 10.00 |
| T13 | 50.00-40.00 | | | 17.73 | 1 | 10.00 |
| T14 | 40.00-30.00 | | | 18.77 | 1 | 10.00 |
| T15 | 30.00-20.00 | | | 19.78 | 1 | 10.00 |
| T16 | 20.00-10.00 | | | 20.78 | 1 | 10.00 |
| T17 | 10.00-0.00 | | | 21.78 | 1 | 10.00 |

## Tower Section Geometry *(cont'd)*

| Tower Section | Tower Elevation | Diagonal Spacing | Bracing Type | Has K Brace End Panels | Has Horizontals | Top Girt Offset | Bottom Girt Offset |
|---|---|---|---|---|---|---|---|
| | ft | ft | | | | in | in |
| T1 | 150.00-145.00 | 5.00 | X Brace | No | No | 0.0000 | 0.0000 |
| T2 | 145.00-140.00 | 5.00 | X Brace | No | No | 0.0000 | 0.0000 |
| T3 | 140.00-120.00 | 6.67 | X Brace | No | No | 0.0000 | 0.0000 |
| T4 | 120.00-113.33 | 6.67 | X Brace | No | No | 0.0000 | 0.0000 |
| T5 | 113.33-106.67 | 6.67 | X Brace | No | No | 0.0000 | 0.0000 |
| T6 | 106.67-100.00 | 6.67 | X Brace | No | Yes | 0.0000 | 0.0000 |
| T7 | 100.00-93.33 | 6.67 | X Brace | No | No | 0.0000 | 0.0000 |
| T8 | 93.33-86.67 | 6.67 | X Brace | No | Yes | 0.0000 | 0.0000 |
| T9 | 86.67-80.00 | 6.67 | X Brace | No | Yes | 0.0000 | 0.0000 |

| Tower Section | Tower Elevation ft | Diagonal Spacing ft | Bracing Type | Has K Brace End Panels | Has Horizontals | Top Girt Offset in | Bottom Girt Offset in |
|---|---|---|---|---|---|---|---|
| T10 | 80.00-70.00 | 10.00 | X Brace | No | No | 0.0000 | 0.0000 |
| T11 | 70.00-60.00 | 10.00 | X Brace | No | Yes | 0.0000 | 0.0000 |
| T12 | 60.00-50.00 | 10.00 | X Brace | No | Yes | 0.0000 | 0.0000 |
| T13 | 50.00-40.00 | 10.00 | X Brace | No | Yes | 0.0000 | 0.0000 |
| T14 | 40.00-30.00 | 10.00 | X Brace | No | No | 0.0000 | 0.0000 |
| T15 | 30.00-20.00 | 10.00 | X Brace | No | Yes | 0.0000 | 0.0000 |
| T16 | 20.00-10.00 | 10.00 | X Brace | No | Yes | 0.0000 | 0.0000 |
| T17 | 10.00-0.00 | 10.00 | X Brace | No | Yes | 0.0000 | 0.0000 |

## Tower Section Geometry *(cont'd)*

| Tower Elevation ft | Leg Type | Leg Size | Leg Grade | Diagonal Type | Diagonal Size | Diagonal Grade |
|---|---|---|---|---|---|---|
| T1 150.00-145.00 | Pipe | ROHN 2.5 STD | A572-50 (50 ksi) | Equal Angle | L1 1/2x1 1/2x3/16 | A36 (36 ksi) |
| T2 145.00-140.00 | Pipe | ROHN 2.5 STD | A572-50 (50 ksi) | Equal Angle | L2x2x3/16 | A36 (36 ksi) |
| T3 140.00-120.00 | Pipe | ROHN 2.5 EH | A572-50 (50 ksi) | Equal Angle | L2 1/2x2 1/2x3/16 | A36 (36 ksi) |
| T4 120.00-113.33 | Grouted Pipe | ROHN 2.5 EH | A572-50 (50 ksi) | Equal Angle | L2 1/2x2 1/2x3/16 | A36 (36 ksi) |
| T5 113.33-106.67 | Grouted Pipe | ROHN 2.5 EH | A572-50 (50 ksi) | Equal Angle | L2 1/2x2 1/2x3/16 | A36 (36 ksi) |
| T6 106.67-100.00 | Grouted Pipe | ROHN 2.5 EH | A572-50 (50 ksi) | Double Equal Angle | L2 1/2x2 1/2x3/16x3/16 | A36 (36 ksi) |
| T7 100.00-93.33 | Grouted Pipe | ROHN 3 EH | A572-50 (50 ksi) | Equal Angle | L3x3x3/16 | A36 (36 ksi) |
| T8 93.33-86.67 | Grouted Pipe | ROHN 3 EH | A572-50 (50 ksi) | Equal Angle | L3x3x3/16 | A36 (36 ksi) |
| T9 86.67-80.00 | Grouted Pipe | ROHN 3 EH | A572-50 (50 ksi) | Double Equal Angle | 2L3x3x3/16x1/4 | A36 (36 ksi) |
| T10 80.00-70.00 | Grouted Pipe | ROHN 4 EH | A572-50 (50 ksi) | Double Equal Angle | 2L3x3x3/16x1/4 | A36 (36 ksi) |
| T11 70.00-60.00 | Grouted Pipe | ROHN 4 EH | A572-50 (50 ksi) | Double Equal Angle | 2L3x3x3/16x1/4 | A36 (36 ksi) |
| T12 60.00-50.00 | Grouted Pipe | ROHN 4 EH | A572-50 (50 ksi) | Double Equal Angle | 2L3x3x1/4x1/4 | A36 (36 ksi) |
| T13 50.00-40.00 | Grouted Pipe | ROHN 4 EH | A572-50 (50 ksi) | Double Equal Angle | 2L3x3x1/4x1/4 | A36 (36 ksi) |
| T14 40.00-30.00 | Grouted Pipe | ROHN 5 EH | A572-50 (50 ksi) | Double Equal Angle | 2L3 1/2x3 1/2x1/4x1/4 | A36 (36 ksi) |
| T15 30.00-20.00 | Grouted Pipe | ROHN 5 EH | A572-50 (50 ksi) | Double Equal Angle | 2L3 1/2x3 1/2x1/4x1/4 | A36 (36 ksi) |
| T16 20.00-10.00 | Grouted Pipe | ROHN 5 EH | A572-50 (50 ksi) | Double Equal Angle | 2L4x4x1/4x1/4 | A36 (36 ksi) |
| T17 10.00-0.00 | Grouted Pipe | ROHN 5 EH | A572-50 (50 ksi) | Double Equal Angle | 2L4x4x1/4x1/4 | A36 (36 ksi) |

## Tower Section Geometry *(cont'd)*

| Tower Elevation ft | Top Girt Type | Top Girt Size | Top Girt Grade | Bottom Girt Type | Bottom Girt Size | Bottom Girt Grade |
|---|---|---|---|---|---|---|
| T1 150.00-145.00 | Equal Angle | L2 1/2x2 1/2x3/16 | A36 (36 ksi) | Single Angle | | A36 (36 ksi) |
| T3 140.00-120.00 | Equal Angle | L2 1/2x2 1/2x3/16 | A36 (36 ksi) | Single Angle | | A36 (36 ksi) |

## Tower Section Geometry *(cont'd)*

| Tower Elevation ft | Secondary Horizontal Type | Secondary Horizontal Size | Secondary Horizontal Grade | Inner Bracing Type | Inner Bracing Size | Inner Bracing Grade |
|---|---|---|---|---|---|---|
| T6 106.67-100.00 | Equal Angle | L2x2x3/16 | A36 (36 ksi) | Single Angle | | A36 (36 ksi) |
| T8 93.33-86.67 | Equal Angle | L2x2x3/16 | A36 (36 ksi) | Single Angle | | A36 (36 ksi) |
| T9 86.67-80.00 | Equal Angle | L2x2x3/16 | A36 (36 ksi) | Single Angle | | A36 (36 ksi) |
| T11 70.00-60.00 | Equal Angle | L2 1/2x2 1/2x3/16 | A36 (36 ksi) | Single Angle | | A36 (36 ksi) |
| T12 60.00-50.00 | Equal Angle | L3x3x1/4 | A36 (36 ksi) | Single Angle | | A36 (36 ksi) |
| T13 50.00-40.00 | Equal Angle | L3x3x1/4 | A36 (36 ksi) | Single Angle | | A36 (36 ksi) |
| T15 30.00-20.00 | Equal Angle | L3x3x3/16 | A36 (36 ksi) | Single Angle | | A36 (36 ksi) |
| T16 20.00-10.00 | Equal Angle | L3x3x3/16 | A36 (36 ksi) | Single Angle | | A36 (36 ksi) |
| T17 10.00-0.00 | Equal Angle | L3 1/2x3 1/2x1/4 | A36 (36 ksi) | Single Angle | | A36 (36 ksi) |

## Tower Section Geometry *(cont'd)*

| Tower Elevation ft | Gusset Area (per face) $ft^2$ | Gusset Thickness in | Gusset Grade | Adjust. Factor $A_f$ | Adjust. Factor $A_r$ | Weight Mult. | Double Angle Stitch Bolt Spacing Diagonals in | Double Angle Stitch Bolt Spacing Horizontals in | Double Angle Stitch Bolt Spacing Redundants in |
|---|---|---|---|---|---|---|---|---|---|
| T1 150.00-145.00 | 0.00 | 0.1875 | A36 (36 ksi) | 1.03 | 1 | 1.05 | Mid-Pt | 0.0000 | 0.0000 |
| T2 145.00-140.00 | 0.00 | 0.1875 | A36 (36 ksi) | 1.03 | 1 | 1.05 | Mid-Pt | 0.0000 | 0.0000 |
| T3 140.00-120.00 | 0.00 | 0.1875 | A36 (36 ksi) | 1.03 | 1 | 1.05 | Mid-Pt | 0.0000 | 0.0000 |
| T4 120.00-113.33 | 0.00 | 0.4293 | A36 (36 ksi) | 1.03 | 1 | 1.05 | Mid-Pt | 0.0000 | 0.0000 |
| T5 113.33-106.67 | 0.00 | 0.4293 | A36 (36 ksi) | 1.03 | 1 | 1.05 | Mid-Pt | 0.0000 | 0.0000 |
| T6 106.67-100.00 | 0.00 | 0.4293 | A36 (36 ksi) | 1.03 | 1 | 1.05 | Mid-Pt | 0.0000 | 0.0000 |
| T7 100.00-93.33 | 0.00 | 0.4293 | A36 (36 ksi) | 1.03 | 1 | 1.05 | Mid-Pt | 0.0000 | 0.0000 |
| T8 93.33-86.67 | 0.00 | 0.4293 | A36 (36 ksi) | 1.03 | 1 | 1.05 | Mid-Pt | 0.0000 | 0.0000 |
| T9 86.67-80.00 | 0.00 | 0.4293 | A36 (36 ksi) | 1.03 | 1 | 1.05 | Mid-Pt | 0.0000 | 0.0000 |
| T10 80.00-70.00 | 0.00 | 0.2500 | A36 (36 ksi) | 1.03 | 1 | 1.05 | Mid-Pt | 0.0000 | 0.0000 |
| T11 70.00-60.00 | 0.00 | 0.2500 | A36 (36 ksi) | 1.03 | 1 | 1.05 | Mid-Pt | 0.0000 | 0.0000 |
| T12 60.00-50.00 | 0.00 | 0.2500 | A36 (36 ksi) | 1.03 | 1 | 1.05 | Mid-Pt | 0.0000 | 0.0000 |
| T13 50.00-40.00 | 0.00 | 0.5000 | A36 (36 ksi) | 1.03 | 1 | 1.05 | Mid-Pt | 0.0000 | 0.0000 |
| T14 40.00-30.00 | 0.00 | 0.5000 | A36 (36 ksi) | 1.03 | 1 | 1.05 | Mid-Pt | 0.0000 | 0.0000 |
| T15 30.00-20.00 | 0.00 | 0.5000 | A36 (36 ksi) | 1.03 | 1 | 1.05 | Mid-Pt | 0.0000 | 0.0000 |
| T16 20.00-10.00 | 0.00 | 0.5000 | A36 (36 ksi) | 1.03 | 1 | 1.05 | Mid-Pt | 0.0000 | 0.0000 |
| T17 10.00-0.00 | 0.00 | 0.5000 | A36 (36 ksi) | 1.03 | 1 | 1.05 | Mid-Pt | 0.0000 | 0.0000 |

# Tower Section Geometry *(cont'd)*

| Tower Elevation ft | Calc K Single Angles | Calc K Solid Rounds | K Factors[1] Legs | X Brace Diags X Y | K Brace Diags X Y | Single Diags X Y | Girts X Y | Horiz. X Y | Sec. Horiz. X Y | Inner Brace X Y |
|---|---|---|---|---|---|---|---|---|---|---|
| T1 150.00-145.00 | Yes | Yes | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| T2 145.00-140.00 | Yes | Yes | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| T3 140.00-120.00 | Yes | Yes | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| T4 120.00-113.33 | Yes | Yes | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| T5 113.33-106.67 | Yes | Yes | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| T6 106.67-100.00 | Yes | Yes | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 1 | 1 | 1 | 1 | 1 | 0.5 | 1 |
| T7 100.00-93.33 | Yes | Yes | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| T8 93.33-86.67 | Yes | Yes | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 1 | 1 | 1 | 1 | 1 | 0.5 | 1 |
| T9 86.67-80.00 | Yes | Yes | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 1 | 1 | 1 | 1 | 1 | 0.5 | 1 |
| T10 80.00-70.00 | Yes | Yes | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| T11 70.00-60.00 | Yes | Yes | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 1 | 1 | 1 | 1 | 1 | 0.5 | 1 |
| T12 60.00-50.00 | Yes | Yes | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 1 | 1 | 1 | 1 | 1 | 0.5 | 1 |
| T13 50.00-40.00 | Yes | Yes | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 1 | 1 | 1 | 1 | 1 | 0.5 | 1 |
| T14 40.00-30.00 | Yes | Yes | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| T15 30.00-20.00 | Yes | Yes | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 1 | 1 | 1 | 1 | 1 | 0.5 | 1 |
| T16 20.00-10.00 | Yes | Yes | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 1 | 1 | 1 | 1 | 1 | 0.5 | 1 |
| T17 10.00-0.00 | Yes | Yes | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 1 | 1 | 1 | 1 | 1 | 0.5 | 1 |

[1]*Note: K factors are applied to member segment lengths. K-braces without inner supporting members will have the K factor in the out-of-plane direction applied to the overall length.*

# Tower Section Geometry *(cont'd)*

| Tower Elevation ft | Leg | | Diagonal | | Top Girt | | Bottom Girt | | Mid Girt | | Long Horizontal | | Short Horizontal | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U |
| T1 150.00-145.00 | 0.0000 | 1 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T2 145.00-140.00 | 0.0000 | 1 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T3 140.00-120.00 | 0.0000 | 1 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T4 120.00-113.33 | 0.0000 | 1 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T5 113.33-106.67 | 0.0000 | 1 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T6 106.67-100.00 | 0.0000 | 1 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |

| Tower Elevation ft | Leg | | Diagonal | | Top Girt | | Bottom Girt | | Mid Girt | | Long Horizontal | | Short Horizontal | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U |
| T7 100.00-93.33 | 0.0000 | 1 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T8 93.33-86.67 | 0.0000 | 1 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T9 86.67-80.00 | 0.0000 | 1 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T10 80.00-70.00 | 0.0000 | 1 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T11 70.00-60.00 | 0.0000 | 1 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T12 60.00-50.00 | 0.0000 | 1 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T13 50.00-40.00 | 0.0000 | 1 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T14 40.00-30.00 | 0.0000 | 1 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T15 30.00-20.00 | 0.0000 | 1 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T16 20.00-10.00 | 0.0000 | 1 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T17 10.00-0.00 | 0.0000 | 1 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |

| Tower Elevation ft | Redundant Horizontal | | Redundant Diagonal | | Redundant Sub-Diagonal | | Redundant Sub-Horizontal | | Redundant Vertical | | Redundant Hip | | Redundant Hip Diagonal | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U |
| T1 150.00-145.00 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T2 145.00-140.00 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T3 140.00-120.00 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T4 120.00-113.33 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T5 113.33-106.67 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T6 106.67-100.00 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T7 100.00-93.33 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T8 93.33-86.67 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T9 86.67-80.00 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T10 80.00-70.00 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T11 70.00-60.00 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T12 60.00-50.00 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T13 50.00-40.00 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T14 40.00-30.00 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T15 30.00-20.00 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |
| T16 20.00-10.00 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |

| Tower Elevation ft | Redundant Horizontal | | Redundant Diagonal | | Redundant Sub-Diagonal | | Redundant Sub-Horizontal | | Redundant Vertical | | Redundant Hip | | Redundant Hip Diagonal | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U |
| T17 10.00-0.00 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 | 0.0000 | 0.75 |

## Tower Section Geometry *(cont'd)*

| Tower Elevation ft | Leg Connection Type | Leg | | Diagonal | | Top Girt | | Bottom Girt | | Mid Girt | | Long Horizontal | | Short Horizontal | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Bolt Size in | No. | Bolt Size in | No. | Bolt Size in | No. | Bolt Size in | No. | Bolt Size in | No. | Bolt Size in | No. | Bolt Size in | No. |
| T1 150.00-145.00 | Flange | 0.6250 A325X | 0 | 0.5000 A325X | 1 | 0.5000 A325X | 1 | 0.0000 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 |
| T2 145.00-140.00 | Flange | 0.6250 A325X | 4 | 0.5000 A325X | 1 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 |
| T3 140.00-120.00 | Flange | 0.6250 A325X | 4 | 0.5000 A325X | 1 | 0.5000 A325X | 1 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 |
| T4 120.00-113.33 | Flange | 0.7500 A325X | 0 | 0.5000 A325X | 2 * | 0.6250 A325N | 0 | 0.0000 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 |
| T5 113.33-106.67 | Flange | 0.7500 A325X | 0 | 0.5000 A325X | 2 * | 0.6250 A325N | 0 | 0.0000 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 |
| T6 106.67-100.00 | Flange | 0.7500 A325X | 4 | 0.5000 A325N | 1 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 1 |
| T7 100.00-93.33 | Flange | 0.8750 A325X | 0 | 0.5000 A325N | 2 * | 0.6250 A325N | 0 | 0.0000 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 |
| T8 93.33-86.67 | Flange | 0.8750 A325X | 0 | 0.5000 A325N | 2 * | 0.6250 A325N | 0 | 0.0000 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 1 |
| T9 86.67-80.00 | Flange | 0.8750 A325X | 4 | 0.5000 A325N | 1 | 0.6250 A325N | 0 | 0.0000 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 1 |
| T10 80.00-70.00 | Flange | 0.8750 A325X | 0 | 0.6250 A325N | 1 | 0.6250 A325N | 0 | 0.0000 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 |
| T11 70.00-60.00 | Flange | 0.8750 A325X | 4 | 0.6250 A325N | 1 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 1 |
| T12 60.00-50.00 | Flange | 1.0000 A325X | 0 | 0.6250 A325N | 1 | 0.6250 A325N | 0 | 0.0000 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.5000 A325N | 1 |
| T13 50.00-40.00 | Flange | 1.0000 A325X | 4 | 0.6250 A325N | 1 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.5000 A325N | 1 |
| T14 40.00-30.00 | Flange | 1.0000 A325X | 0 | 0.6250 A325N | 1 | 0.6250 A325N | 0 | 0.0000 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 |
| T15 30.00-20.00 | Flange | 1.0625 A325X | 4 | 0.6250 A325N | 1 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 1 |
| T16 20.00-10.00 | Flange | 1.0000 A325X | 0 | 0.6250 A325N | 1 | 0.6250 A325N | 0 | 0.0000 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 1 |
| T17 10.00-0.00 | Flange | 0.0000 A354-BC | 0 | 0.6250 A325N | 1 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 0 | 0.6250 A325N | 1 |

* Out-of-plane partial restraint assumed

## Grouted Pipe Properties

| Size | $F_y$ ksi | $A_s$ $in^2$ | $A_c$ $in^2$ | Wt plf | $E_c$ ksi | $E_m$ ksi | $F_{ym}$ ksi |
|---|---|---|---|---|---|---|---|
| ROHN 2.5 EH (GR) | 50 | 2.2535 | 4.2383 | 16.498 | 5098 | 36671 | 63 |
| ROHN 3 EH (GR) | 50 | 3.0159 | 6.6052 | 24.023 | 5098 | 37933 | 65 |
| ROHN 4 EH (GR) | 50 | 4.4074 | 11.4969 | 38.949 | 5098 | 39639 | 68 |
| ROHN 5 EH (GR) | 50 | 6.1120 | 18.1937 | 58.701 | 5098 | 41141 | 70 |

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

| Description | Face or Leg | Allow Shield | Exclude From Torque Calculation | Component Type | Placement ft | Face Offset in | Lateral Offset (Frac FW) | # | # Per Row | Clear Spacing in | Width or Diameter in | Perimeter in | Weight plf |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ****** | | | | | | | | | | | | | |
| Step Pegs | A | No | No | Ar (CaAa) | 150.00 - 0.00 | 0.0000 | 0.5 | 1 | 1 | 0.5000 | 0.7050 | | 1.80 |
| *** | | | | | | | | | | | | | |
| Feedline Ladder (Af) | A | No | No | Af (CaAa) | 150.00 - 6.00 | 0.0000 | 0.4 | 1 | 1 | 1.0000 | 3.0000 | | 8.40 |
| Feedline Ladder (Af) | B | No | No | Af (CaAa) | 150.00 - 6.00 | 0.0000 | -0.4 | 1 | 1 | 1.0000 | 3.0000 | | 8.40 |
| Feedline Ladder (Af) | B | No | No | Af (CaAa) | 100.00 - 6.00 | 0.0000 | 0.4 | 1 | 1 | 1.0000 | 2.0000 | | 8.40 |
| ****** | | | | | | | | | | | | | |
| LDF5-50A(7/8) | A | No | No | Ar (CaAa) | 150.00 - 6.00 | 0.0000 | 0.43 | 1 | 1 | 0.5000 | 1.0900 | | 0.33 |
| ****** | | | | | | | | | | | | | |
| HJ7-50A(1-5/8) | B | No | No | Ar (CaAa) | 148.00 - 6.00 | 0.0000 | -0.425 | 6 | 3 | 0.5000 | 1.9800 | | 1.04 |
| LDF5-50A(7/8) | B | No | No | Ar (CaAa) | 148.00 - 6.00 | 0.0000 | -0.375 | 6 | 6 | 0.5000 | 1.0900 | | 0.33 |
| HB158-1-08U8-S8J18(1-5/8) | B | No | No | Ar (CaAa) | 148.00 - 6.00 | 0.0000 | -0.35 | 2 | 1 | 0.5000 | 1.9800 | | 1.30 |
| ****** | | | | | | | | | | | | | |
| LDF2-50(3/8) | B | No | No | Ar (CaAa) | 146.00 - 6.00 | -0.3000 | -0.49 | 2 | 2 | 0.5000 | 0.4400 | | 0.08 |
| ****** | | | | | | | | | | | | | |
| CU12PSM9P6XXX (1-1/2) | A | No | No | Ar (CaAa) | 135.00 - 6.00 | 0.0000 | 0.38 | 1 | 1 | 0.5000 | 1.6000 | | 2.35 |
| ****** | | | | | | | | | | | | | |
| ****** | | | | | | | | | | | | | |
| LDF5-50A(7/8) | A | No | No | Ar (CaAa) | 126.00 - 6.00 | 0.0000 | 0.42 | 1 | 1 | 0.5000 | 1.0900 | | 0.33 |
| 7919A(17/64) | A | No | No | Ar (CaAa) | 126.00 - 6.00 | 0.0000 | 0.41 | 1 | 1 | 0.5000 | 0.2650 | | 0.03 |
| ****** | | | | | | | | | | | | | |
| *** | | | | | | | | | | | | | |
| HB158-21U6S24-xxM_TMO(1-5/8) | B | No | No | Ar (CaAa) | 121.00 - 6.00 | -0.2500 | -0.4 | 3 | 3 | 0.5000 | 1.9960 | | 2.50 |
| ****** | | | | | | | | | | | | | |
| HCS 6X12 4AWG(1-5/8) | B | No | No | Ar (CaAa) | 103.00 - 6.00 | 0.0000 | 0.4 | 3 | 3 | 0.5000 | 1.6600 | | 2.40 |
| *** | | | | | | | | | | | | | |
| HCS 6X12 4AWG(1-5/8) | B | No | No | Ar (CaAa) | 103.00 - 6.00 | 1.6000 | 0.4 | 3 | 3 | 0.5000 | 1.6600 | | 2.40 |
| ****** | | | | | | | | | | | | | |
| LDF4-50A(1/2) | A | No | No | Af (CaAa) | 90.00 - 6.00 | 0.0000 | 0.4 | 1 | 1 | 0.5000 | 0.6250 | | 0.15 |
| ****** | | | | | | | | | | | | | |
| 7919A(17/64) | A | No | No | Ar (CaAa) | 83.00 - 6.00 | 0.0000 | 0.39 | 1 | 1 | 0.5000 | 0.2650 | | 0.03 |
| LDF4-50A(1/2) | A | No | No | Ar (CaAa) | 83.00 - 6.00 | 0.0000 | 0.38 | 1 | 1 | 0.5000 | 0.6250 | | 0.15 |
| LDF5-50A(7/8) | B | No | No | Ar (CaAa) | 83.00 - 6.00 | 0.0000 | -0.415 | 1 | 1 | 0.5000 | 1.0300 | | 0.33 |
| ****** | | | | | | | | | | | | | |
| LDF1-50A(1/4) | A | No | No | Ar (CaAa) | 61.00 - 6.00 | 0.0000 | 0.37 | 1 | 1 | 0.5000 | 0.3450 | | 0.06 |
| ****** | | | | | | | | | | | | | |
| LDF4-50A(1/2) | B | No | No | Ar (CaAa) | 50.00 - 6.00 | -0.3000 | 0.49 | 1 | 1 | 0.5000 | 0.6250 | | 0.15 |
| ******* | | | | | | | | | | | | | |

# Feed Line/Linear Appurtenances Section Areas

| Tower Section | Tower Elevation ft | Face | $A_R$ $ft^2$ | $A_F$ $ft^2$ | $C_AA_A$ In Face $ft^2$ | $C_AA_A$ Out Face $ft^2$ | Weight K |
|---|---|---|---|---|---|---|---|
| T1 | 150.00-145.00 | A | 0.000 | 0.000 | 3.398 | 0.000 | 0.05 |
| | | B | 0.000 | 0.000 | 9.302 | 0.000 | 0.07 |
| | | C | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T2 | 145.00-140.00 | A | 0.000 | 0.000 | 3.398 | 0.000 | 0.05 |
| | | B | 0.000 | 0.000 | 14.130 | 0.000 | 0.10 |
| | | C | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T3 | 140.00-120.00 | A | 0.000 | 0.000 | 16.803 | 0.000 | 0.25 |
| | | B | 0.000 | 0.000 | 57.119 | 0.000 | 0.40 |
| | | C | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T4 | 120.00-113.33 | A | 0.000 | 0.000 | 6.500 | 0.000 | 0.09 |
| | | B | 0.000 | 0.000 | 22.832 | 0.000 | 0.18 |
| | | C | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T5 | 113.33-106.67 | A | 0.000 | 0.000 | 6.500 | 0.000 | 0.09 |
| | | B | 0.000 | 0.000 | 22.832 | 0.000 | 0.18 |
| | | C | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T6 | 106.67-100.00 | A | 0.000 | 0.000 | 6.500 | 0.000 | 0.09 |
| | | B | 0.000 | 0.000 | 25.820 | 0.000 | 0.22 |
| | | C | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T7 | 100.00-93.33 | A | 0.000 | 0.000 | 6.500 | 0.000 | 0.09 |
| | | B | 0.000 | 0.000 | 31.694 | 0.000 | 0.33 |
| | | C | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T8 | 93.33-86.67 | A | 0.000 | 0.000 | 6.847 | 0.000 | 0.09 |
| | | B | 0.000 | 0.000 | 31.694 | 0.000 | 0.33 |
| | | C | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T9 | 86.67-80.00 | A | 0.000 | 0.000 | 7.461 | 0.000 | 0.09 |
| | | B | 0.000 | 0.000 | 32.003 | 0.000 | 0.33 |
| | | C | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T10 | 80.00-70.00 | A | 0.000 | 0.000 | 11.682 | 0.000 | 0.14 |
| | | B | 0.000 | 0.000 | 48.571 | 0.000 | 0.50 |
| | | C | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T11 | 70.00-60.00 | A | 0.000 | 0.000 | 11.716 | 0.000 | 0.14 |
| | | B | 0.000 | 0.000 | 48.571 | 0.000 | 0.50 |
| | | C | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T12 | 60.00-50.00 | A | 0.000 | 0.000 | 12.027 | 0.000 | 0.14 |
| | | B | 0.000 | 0.000 | 48.571 | 0.000 | 0.50 |
| | | C | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T13 | 50.00-40.00 | A | 0.000 | 0.000 | 12.027 | 0.000 | 0.14 |
| | | B | 0.000 | 0.000 | 49.196 | 0.000 | 0.50 |
| | | C | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T14 | 40.00-30.00 | A | 0.000 | 0.000 | 12.027 | 0.000 | 0.14 |
| | | B | 0.000 | 0.000 | 49.196 | 0.000 | 0.50 |
| | | C | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T15 | 30.00-20.00 | A | 0.000 | 0.000 | 12.027 | 0.000 | 0.14 |
| | | B | 0.000 | 0.000 | 49.196 | 0.000 | 0.50 |
| | | C | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T16 | 20.00-10.00 | A | 0.000 | 0.000 | 12.027 | 0.000 | 0.14 |
| | | B | 0.000 | 0.000 | 49.196 | 0.000 | 0.50 |
| | | C | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T17 | 10.00-0.00 | A | 0.000 | 0.000 | 5.234 | 0.000 | 0.07 |
| | | B | 0.000 | 0.000 | 19.679 | 0.000 | 0.20 |
| | | C | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |

# Feed Line/Linear Appurtenances Section Areas - With Ice

| Tower Section | Tower Elevation ft | Face or Leg | Ice Thickness in | $A_R$ $ft^2$ | $A_F$ $ft^2$ | $C_AA_A$ In Face $ft^2$ | $C_AA_A$ Out Face $ft^2$ | Weight K |
|---|---|---|---|---|---|---|---|---|
| T1 | 150.00-145.00 | A | 2.004 | 0.000 | 0.000 | 9.408 | 0.000 | 0.18 |
| | | B | | 0.000 | 0.000 | 19.708 | 0.000 | 0.34 |
| | | C | | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T2 | 145.00-140.00 | A | 1.997 | 0.000 | 0.000 | 9.388 | 0.000 | 0.18 |
| | | B | | 0.000 | 0.000 | 32.701 | 0.000 | 0.52 |
| | | C | | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |

| Tower Section | Tower Elevation ft | Face or Leg | Ice Thickness in | $A_R$ $ft^2$ | $A_F$ $ft^2$ | $C_AA_A$ In Face $ft^2$ | $C_AA_A$ Out Face $ft^2$ | Weight K |
|---|---|---|---|---|---|---|---|---|
| T3 | 140.00-120.00 | A | 1.978 | 0.000 | 0.000 | 51.229 | 0.000 | 0.95 |
| | | B | | 0.000 | 0.000 | 131.788 | 0.000 | 2.09 |
| | | C | | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T4 | 120.00-113.33 | A | 1.957 | 0.000 | 0.000 | 22.157 | 0.000 | 0.39 |
| | | B | | 0.000 | 0.000 | 53.521 | 0.000 | 0.86 |
| | | C | | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T5 | 113.33-106.67 | A | 1.946 | 0.000 | 0.000 | 22.066 | 0.000 | 0.39 |
| | | B | | 0.000 | 0.000 | 53.375 | 0.000 | 0.85 |
| | | C | | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T6 | 106.67-100.00 | A | 1.934 | 0.000 | 0.000 | 21.969 | 0.000 | 0.38 |
| | | B | | 0.000 | 0.000 | 61.689 | 0.000 | 0.98 |
| | | C | | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T7 | 100.00-93.33 | A | 1.921 | 0.000 | 0.000 | 21.866 | 0.000 | 0.38 |
| | | B | | 0.000 | 0.000 | 76.602 | 0.000 | 1.26 |
| | | C | | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T8 | 93.33-86.67 | A | 1.907 | 0.000 | 0.000 | 23.375 | 0.000 | 0.40 |
| | | B | | 0.000 | 0.000 | 76.347 | 0.000 | 1.25 |
| | | C | | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T9 | 86.67-80.00 | A | 1.892 | 0.000 | 0.000 | 27.395 | 0.000 | 0.45 |
| | | B | | 0.000 | 0.000 | 77.519 | 0.000 | 1.27 |
| | | C | | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T10 | 80.00-70.00 | A | 1.873 | 0.000 | 0.000 | 45.388 | 0.000 | 0.73 |
| | | B | | 0.000 | 0.000 | 118.334 | 0.000 | 1.92 |
| | | C | | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T11 | 70.00-60.00 | A | 1.846 | 0.000 | 0.000 | 45.313 | 0.000 | 0.72 |
| | | B | | 0.000 | 0.000 | 117.538 | 0.000 | 1.89 |
| | | C | | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T12 | 60.00-50.00 | A | 1.815 | 0.000 | 0.000 | 48.335 | 0.000 | 0.75 |
| | | B | | 0.000 | 0.000 | 116.624 | 0.000 | 1.87 |
| | | C | | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T13 | 50.00-40.00 | A | 1.779 | 0.000 | 0.000 | 47.613 | 0.000 | 0.73 |
| | | B | | 0.000 | 0.000 | 119.730 | 0.000 | 1.88 |
| | | C | | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T14 | 40.00-30.00 | A | 1.735 | 0.000 | 0.000 | 46.730 | 0.000 | 0.70 |
| | | B | | 0.000 | 0.000 | 118.323 | 0.000 | 1.84 |
| | | C | | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T15 | 30.00-20.00 | A | 1.678 | 0.000 | 0.000 | 45.582 | 0.000 | 0.67 |
| | | B | | 0.000 | 0.000 | 116.495 | 0.000 | 1.79 |
| | | C | | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T16 | 20.00-10.00 | A | 1.594 | 0.000 | 0.000 | 43.911 | 0.000 | 0.63 |
| | | B | | 0.000 | 0.000 | 113.837 | 0.000 | 1.71 |
| | | C | | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| T17 | 10.00-0.00 | A | 1.428 | 0.000 | 0.000 | 18.374 | 0.000 | 0.25 |
| | | B | | 0.000 | 0.000 | 43.428 | 0.000 | 0.62 |
| | | C | | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |

## Feed Line Center of Pressure

| Section | Elevation ft | $CP_X$ in | $CP_Z$ in | $CP_X$ Ice in | $CP_Z$ Ice in |
|---|---|---|---|---|---|
| T1 | 150.00-145.00 | 0.8688 | -14.5919 | 0.7983 | -17.6034 |
| T2 | 145.00-140.00 | 1.5266 | -20.3602 | 1.4578 | -24.4484 |
| T3 | 140.00-120.00 | 1.3119 | -21.7040 | 1.1428 | -27.7679 |
| T4 | 120.00-113.33 | 1.5127 | -27.9202 | 1.1283 | -34.7858 |
| T5 | 113.33-106.67 | 1.5542 | -29.0195 | 1.1677 | -36.2676 |
| T6 | 106.67-100.00 | 3.4891 | -24.1623 | 3.5971 | -31.2603 |
| T7 | 100.00-93.33 | 6.7546 | -21.7718 | 8.6875 | -28.7028 |
| T8 | 93.33-86.67 | 6.0908 | -20.4879 | 7.9816 | -27.8652 |
| T9 | 86.67-80.00 | 6.1316 | -21.6402 | 7.7371 | -30.5424 |
| T10 | 80.00-70.00 | 7.9709 | -27.8552 | 9.0155 | -38.2609 |
| T11 | 70.00-60.00 | 7.2278 | -26.1176 | 8.5883 | -37.2007 |
| T12 | 60.00-50.00 | 7.1980 | -26.6546 | 8.4911 | -39.1369 |
| T13 | 50.00-40.00 | 7.8654 | -27.0685 | 10.3799 | -38.9244 |
| T14 | 40.00-30.00 | 8.8122 | -29.9378 | 11.4341 | -42.6353 |
| T15 | 30.00-20.00 | 7.6946 | -26.9771 | 10.5672 | -40.0135 |

| Section | Elevation | $CP_X$ | $CP_Z$ | $CP_X$ Ice | $CP_Z$ Ice |
|---|---|---|---|---|---|
| | ft | in | in | in | in |
| T16 | 20.00-10.00 | 7.4480 | -26.4433 | 10.4975 | -40.0241 |
| T17 | 10.00-0.00 | 3.3667 | -13.2944 | 5.2841 | -22.8548 |

# Shielding Factor Ka

| Tower Section | Feed Line Record No. | Description | Feed Line Segment Elev. | $K_a$ No Ice | $K_a$ Ice |
|---|---|---|---|---|---|
| T1 | 2 | Step Pegs | 145.00 - 150.00 | 0.6000 | 0.5793 |
| T1 | 4 | Feedline Ladder (Af) | 145.00 - 150.00 | 0.6000 | 0.5793 |
| T1 | 5 | Feedline Ladder (Af) | 145.00 - 150.00 | 0.6000 | 0.5793 |
| T1 | 8 | LDF5-50A(7/8) | 145.00 - 150.00 | 0.6000 | 0.5793 |
| T1 | 10 | HJ7-50A(1-5/8) | 145.00 - 148.00 | 0.6000 | 0.5793 |
| T1 | 11 | LDF5-50A(7/8) | 145.00 - 148.00 | 0.6000 | 0.5793 |
| T1 | 12 | HB158-1-08U8-S8J18(1-5/8) | 145.00 - 148.00 | 0.6000 | 0.5793 |
| T1 | 14 | LDF2-50(3/8) | 145.00 - 146.00 | 0.6000 | 0.5793 |
| T2 | 2 | Step Pegs | 140.00 - 145.00 | 0.6000 | 0.6000 |
| T2 | 4 | Feedline Ladder (Af) | 140.00 - 145.00 | 0.6000 | 0.6000 |
| T2 | 5 | Feedline Ladder (Af) | 140.00 - 145.00 | 0.6000 | 0.6000 |
| T2 | 8 | LDF5-50A(7/8) | 140.00 - 145.00 | 0.6000 | 0.6000 |
| T2 | 10 | HJ7-50A(1-5/8) | 140.00 - 145.00 | 0.6000 | 0.6000 |
| T2 | 11 | LDF5-50A(7/8) | 140.00 - 145.00 | 0.6000 | 0.6000 |
| T2 | 12 | HB158-1-08U8-S8J18(1-5/8) | 140.00 - 145.00 | 0.6000 | 0.6000 |
| T2 | 14 | LDF2-50(3/8) | 140.00 - 145.00 | 0.6000 | 0.6000 |
| T3 | 2 | Step Pegs | 120.00 - 140.00 | 0.6000 | 0.6000 |
| T3 | 4 | Feedline Ladder (Af) | 120.00 - 140.00 | 0.6000 | 0.6000 |
| T3 | 5 | Feedline Ladder (Af) | 120.00 - 140.00 | 0.6000 | 0.6000 |
| T3 | 8 | LDF5-50A(7/8) | 120.00 - 140.00 | 0.6000 | 0.6000 |
| T3 | 10 | HJ7-50A(1-5/8) | 120.00 - 140.00 | 0.6000 | 0.6000 |
| T3 | 11 | LDF5-50A(7/8) | 120.00 - 140.00 | 0.6000 | 0.6000 |
| T3 | 12 | HB158-1-08U8-S8J18(1-5/8) | 120.00 - 140.00 | 0.6000 | 0.6000 |
| T3 | 14 | LDF2-50(3/8) | 120.00 - 140.00 | 0.6000 | 0.6000 |
| T3 | 16 | CU12PSM9P6XXX(1-1/2) | 120.00 - 135.00 | 0.6000 | 0.6000 |
| T3 | 20 | LDF5-50A(7/8) | 120.00 - 126.00 | 0.6000 | 0.6000 |
| T3 | 21 | 7919A(17/64) | 120.00 - 126.00 | 0.6000 | 0.6000 |
| T3 | 26 | HB158-21U6S24-xxM_TMO(1-5/8) | 120.00 - 121.00 | 0.6000 | 0.6000 |
| T4 | 2 | Step Pegs | 113.33 - 120.00 | 0.6000 | 0.6000 |
| T4 | 4 | Feedline Ladder (Af) | 113.33 - 120.00 | 0.6000 | 0.6000 |
| T4 | 5 | Feedline Ladder (Af) | 113.33 - 120.00 | 0.6000 | 0.6000 |
| T4 | 8 | LDF5-50A(7/8) | 113.33 - 120.00 | 0.6000 | 0.6000 |
| T4 | 10 | HJ7-50A(1-5/8) | 113.33 - 120.00 | 0.6000 | 0.6000 |
| T4 | 11 | LDF5-50A(7/8) | 113.33 - 120.00 | 0.6000 | 0.6000 |
| T4 | 12 | HB158-1-08U8-S8J18(1-5/8) | 113.33 - 120.00 | 0.6000 | 0.6000 |
| T4 | 14 | LDF2-50(3/8) | 113.33 - 120.00 | 0.6000 | 0.6000 |
| T4 | 16 | CU12PSM9P6XXX(1-1/2) | 113.33 - 120.00 | 0.6000 | 0.6000 |
| T4 | 20 | LDF5-50A(7/8) | 113.33 - 120.00 | 0.6000 | 0.6000 |
| T4 | 21 | 7919A(17/64) | 113.33 - 120.00 | 0.6000 | 0.6000 |
| T4 | 26 | HB158-21U6S24-xxM_TMO(1-5/8) | 113.33 - 120.00 | 0.6000 | 0.6000 |
| T5 | 2 | Step Pegs | 106.67 - 113.33 | 0.6000 | 0.6000 |
| T5 | 4 | Feedline Ladder (Af) | 106.67 - 113.33 | 0.6000 | 0.6000 |
| T5 | 5 | Feedline Ladder (Af) | 106.67 - 113.33 | 0.6000 | 0.6000 |
| T5 | 8 | LDF5-50A(7/8) | 106.67 - 113.33 | 0.6000 | 0.6000 |
| T5 | 10 | HJ7-50A(1-5/8) | 106.67 - 113.33 | 0.6000 | 0.6000 |
| T5 | 11 | LDF5-50A(7/8) | 106.67 - 113.33 | 0.6000 | 0.6000 |
| T5 | 12 | HB158-1-08U8-S8J18(1-5/8) | 106.67 - 113.33 | 0.6000 | 0.6000 |
| T5 | 14 | LDF2-50(3/8) | 106.67 - 113.33 | 0.6000 | 0.6000 |
| T5 | 16 | CU12PSM9P6XXX(1-1/2) | 106.67 - 113.33 | 0.6000 | 0.6000 |
| T5 | 20 | LDF5-50A(7/8) | 106.67 - 113.33 | 0.6000 | 0.6000 |
| T5 | 21 | 7919A(17/64) | 106.67 - 113.33 | 0.6000 | 0.6000 |
| T5 | 26 | HB158-21U6S24-xxM_TMO(1-5/8) | 106.67 - 113.33 | 0.6000 | 0.6000 |
| T6 | 2 | Step Pegs | 100.00 - 106.67 | 0.6000 | 0.6000 |
| T6 | 4 | Feedline Ladder (Af) | 100.00 - 106.67 | 0.6000 | 0.6000 |
| T6 | 5 | Feedline Ladder (Af) | 100.00 - 106.67 | 0.6000 | 0.6000 |
| T6 | 8 | LDF5-50A(7/8) | 100.00 - 106.67 | 0.6000 | 0.6000 |
| T6 | 10 | HJ7-50A(1-5/8) | 100.00 - 106.67 | 0.6000 | 0.6000 |
| T6 | 11 | LDF5-50A(7/8) | 100.00 - 106.67 | 0.6000 | 0.6000 |
| T6 | 12 | HB158-1-08U8-S8J18(1-5/8) | 100.00 - 106.67 | 0.6000 | 0.6000 |

| Tower Section | Feed Line Record No. | Description | Feed Line Segment Elev. | $K_a$ No Ice | $K_a$ Ice |
|---|---|---|---|---|---|
| T6 | 14 | LDF2-50(3/8) | 100.00 - 106.67 | 0.6000 | 0.6000 |
| T6 | 16 | CU12PSM9P6XXX(1-1/2) | 100.00 - 106.67 | 0.6000 | 0.6000 |
| T6 | 20 | LDF5-50A(7/8) | 100.00 - 106.67 | 0.6000 | 0.6000 |
| T6 | 21 | 7919A(17/64) | 100.00 - 106.67 | 0.6000 | 0.6000 |
| T6 | 26 | HB158-21U6S24-xxM_TMO(1-5/8) | 100.00 - 106.67 | 0.6000 | 0.6000 |
| T6 | 29 | HCS 6X12 4AWG(1-5/8) | 100.00 - 103.00 | 0.6000 | 0.6000 |
| T6 | 32 | HCS 6X12 4AWG(1-5/8) | 100.00 - 103.00 | 0.6000 | 0.6000 |
| T7 | 2 | Step Pegs | 93.33 - 100.00 | 0.6000 | 0.6000 |
| T7 | 4 | Feedline Ladder (Af) | 93.33 - 100.00 | 0.6000 | 0.6000 |
| T7 | 5 | Feedline Ladder (Af) | 93.33 - 100.00 | 0.6000 | 0.6000 |
| T7 | 6 | Feedline Ladder (Af) | 93.33 - 100.00 | 0.6000 | 0.6000 |
| T7 | 8 | LDF5-50A(7/8) | 93.33 - 100.00 | 0.6000 | 0.6000 |
| T7 | 10 | HJ7-50A(1-5/8) | 93.33 - 100.00 | 0.6000 | 0.6000 |
| T7 | 11 | LDF5-50A(7/8) | 93.33 - 100.00 | 0.6000 | 0.6000 |
| T7 | 12 | HB158-1-08U8-S8J18(1-5/8) | 93.33 - 100.00 | 0.6000 | 0.6000 |
| T7 | 14 | LDF2-50(3/8) | 93.33 - 100.00 | 0.6000 | 0.6000 |
| T7 | 16 | CU12PSM9P6XXX(1-1/2) | 93.33 - 100.00 | 0.6000 | 0.6000 |
| T7 | 20 | LDF5-50A(7/8) | 93.33 - 100.00 | 0.6000 | 0.6000 |
| T7 | 21 | 7919A(17/64) | 93.33 - 100.00 | 0.6000 | 0.6000 |
| T7 | 26 | HB158-21U6S24-xxM_TMO(1-5/8) | 93.33 - 100.00 | 0.6000 | 0.6000 |
| T7 | 29 | HCS 6X12 4AWG(1-5/8) | 93.33 - 100.00 | 0.6000 | 0.6000 |
| T7 | 32 | HCS 6X12 4AWG(1-5/8) | 93.33 - 100.00 | 0.6000 | 0.6000 |
| T8 | 2 | Step Pegs | 86.67 - 93.33 | 0.6000 | 0.6000 |
| T8 | 4 | Feedline Ladder (Af) | 86.67 - 93.33 | 0.6000 | 0.6000 |
| T8 | 5 | Feedline Ladder (Af) | 86.67 - 93.33 | 0.6000 | 0.6000 |
| T8 | 6 | Feedline Ladder (Af) | 86.67 - 93.33 | 0.6000 | 0.6000 |
| T8 | 8 | LDF5-50A(7/8) | 86.67 - 93.33 | 0.6000 | 0.6000 |
| T8 | 10 | HJ7-50A(1-5/8) | 86.67 - 93.33 | 0.6000 | 0.6000 |
| T8 | 11 | LDF5-50A(7/8) | 86.67 - 93.33 | 0.6000 | 0.6000 |
| T8 | 12 | HB158-1-08U8-S8J18(1-5/8) | 86.67 - 93.33 | 0.6000 | 0.6000 |
| T8 | 14 | LDF2-50(3/8) | 86.67 - 93.33 | 0.6000 | 0.6000 |
| T8 | 16 | CU12PSM9P6XXX(1-1/2) | 86.67 - 93.33 | 0.6000 | 0.6000 |
| T8 | 20 | LDF5-50A(7/8) | 86.67 - 93.33 | 0.6000 | 0.6000 |
| T8 | 21 | 7919A(17/64) | 86.67 - 93.33 | 0.6000 | 0.6000 |
| T8 | 26 | HB158-21U6S24-xxM_TMO(1-5/8) | 86.67 - 93.33 | 0.6000 | 0.6000 |
| T8 | 29 | HCS 6X12 4AWG(1-5/8) | 86.67 - 93.33 | 0.6000 | 0.6000 |
| T8 | 32 | HCS 6X12 4AWG(1-5/8) | 86.67 - 93.33 | 0.6000 | 0.6000 |
| T8 | 34 | LDF4-50A(1/2) | 86.67 - 90.00 | 0.6000 | 0.6000 |
| T9 | 2 | Step Pegs | 80.00 - 86.67 | 0.6000 | 0.6000 |
| T9 | 4 | Feedline Ladder (Af) | 80.00 - 86.67 | 0.6000 | 0.6000 |
| T9 | 5 | Feedline Ladder (Af) | 80.00 - 86.67 | 0.6000 | 0.6000 |
| T9 | 6 | Feedline Ladder (Af) | 80.00 - 86.67 | 0.6000 | 0.6000 |
| T9 | 8 | LDF5-50A(7/8) | 80.00 - 86.67 | 0.6000 | 0.6000 |
| T9 | 10 | HJ7-50A(1-5/8) | 80.00 - 86.67 | 0.6000 | 0.6000 |
| T9 | 11 | LDF5-50A(7/8) | 80.00 - 86.67 | 0.6000 | 0.6000 |
| T9 | 12 | HB158-1-08U8-S8J18(1-5/8) | 80.00 - 86.67 | 0.6000 | 0.6000 |
| T9 | 14 | LDF2-50(3/8) | 80.00 - 86.67 | 0.6000 | 0.6000 |
| T9 | 16 | CU12PSM9P6XXX(1-1/2) | 80.00 - 86.67 | 0.6000 | 0.6000 |
| T9 | 20 | LDF5-50A(7/8) | 80.00 - 86.67 | 0.6000 | 0.6000 |
| T9 | 21 | 7919A(17/64) | 80.00 - 86.67 | 0.6000 | 0.6000 |
| T9 | 26 | HB158-21U6S24-xxM_TMO(1-5/8) | 80.00 - 86.67 | 0.6000 | 0.6000 |
| T9 | 29 | HCS 6X12 4AWG(1-5/8) | 80.00 - 86.67 | 0.6000 | 0.6000 |
| T9 | 32 | HCS 6X12 4AWG(1-5/8) | 80.00 - 86.67 | 0.6000 | 0.6000 |
| T9 | 34 | LDF4-50A(1/2) | 80.00 - 86.67 | 0.6000 | 0.6000 |
| T9 | 36 | 7919A(17/64) | 80.00 - 83.00 | 0.6000 | 0.6000 |
| T9 | 37 | LDF4-50A(1/2) | 80.00 - 83.00 | 0.6000 | 0.6000 |
| T9 | 38 | LDF5-50A(7/8) | 80.00 - 83.00 | 0.6000 | 0.6000 |
| T10 | 2 | Step Pegs | 70.00 - 80.00 | 0.6000 | 0.6000 |
| T10 | 4 | Feedline Ladder (Af) | 70.00 - 80.00 | 0.6000 | 0.6000 |
| T10 | 5 | Feedline Ladder (Af) | 70.00 - 80.00 | 0.6000 | 0.6000 |
| T10 | 6 | Feedline Ladder (Af) | 70.00 - 80.00 | 0.6000 | 0.6000 |
| T10 | 8 | LDF5-50A(7/8) | 70.00 - 80.00 | 0.6000 | 0.6000 |
| T10 | 10 | HJ7-50A(1-5/8) | 70.00 - 80.00 | 0.6000 | 0.6000 |
| T10 | 11 | LDF5-50A(7/8) | 70.00 - 80.00 | 0.6000 | 0.6000 |
| T10 | 12 | HB158-1-08U8-S8J18(1-5/8) | 70.00 - 80.00 | 0.6000 | 0.6000 |
| T10 | 14 | LDF2-50(3/8) | 70.00 - 80.00 | 0.6000 | 0.6000 |
| T10 | 16 | CU12PSM9P6XXX(1-1/2) | 70.00 - 80.00 | 0.6000 | 0.6000 |
| T10 | 20 | LDF5-50A(7/8) | 70.00 - 80.00 | 0.6000 | 0.6000 |
| T10 | 21 | 7919A(17/64) | 70.00 - 80.00 | 0.6000 | 0.6000 |
| T10 | 26 | HB158-21U6S24-xxM_TMO(1-5/8) | 70.00 - 80.00 | 0.6000 | 0.6000 |

| Tower Section | Feed Line Record No. | Description | Feed Line Segment Elev. | $K_a$ No Ice | $K_a$ Ice |
|---|---|---|---|---|---|
| T10 | 29 | HCS 6X12 4AWG(1-5/8) | 70.00 - 80.00 | 0.6000 | 0.6000 |
| T10 | 32 | HCS 6X12 4AWG(1-5/8) | 70.00 - 80.00 | 0.6000 | 0.6000 |
| T10 | 34 | LDF4-50A(1/2) | 70.00 - 80.00 | 0.6000 | 0.6000 |
| T10 | 36 | 7919A(17/64) | 70.00 - 80.00 | 0.6000 | 0.6000 |
| T10 | 37 | LDF4-50A(1/2) | 70.00 - 80.00 | 0.6000 | 0.6000 |
| T10 | 38 | LDF5-50A(7/8) | 70.00 - 80.00 | 0.6000 | 0.6000 |
| T11 | 2 | Step Pegs | 60.00 - 70.00 | 0.6000 | 0.6000 |
| T11 | 4 | Feedline Ladder (Af) | 60.00 - 70.00 | 0.6000 | 0.6000 |
| T11 | 5 | Feedline Ladder (Af) | 60.00 - 70.00 | 0.6000 | 0.6000 |
| T11 | 6 | Feedline Ladder (Af) | 60.00 - 70.00 | 0.6000 | 0.6000 |
| T11 | 8 | LDF5-50A(7/8) | 60.00 - 70.00 | 0.6000 | 0.6000 |
| T11 | 10 | HJ7-50A(1-5/8) | 60.00 - 70.00 | 0.6000 | 0.6000 |
| T11 | 11 | LDF5-50A(7/8) | 60.00 - 70.00 | 0.6000 | 0.6000 |
| T11 | 12 | HB158-1-08U8-S8J18(1-5/8) | 60.00 - 70.00 | 0.6000 | 0.6000 |
| T11 | 14 | LDF2-50(3/8) | 60.00 - 70.00 | 0.6000 | 0.6000 |
| T11 | 16 | CU12PSM9P6XXX(1-1/2) | 60.00 - 70.00 | 0.6000 | 0.6000 |
| T11 | 20 | LDF5-50A(7/8) | 60.00 - 70.00 | 0.6000 | 0.6000 |
| T11 | 21 | 7919A(17/64) | 60.00 - 70.00 | 0.6000 | 0.6000 |
| T11 | 26 | HB158-21U6S24-xxM_TMO(1-5/8) | 60.00 - 70.00 | 0.6000 | 0.6000 |
| T11 | 29 | HCS 6X12 4AWG(1-5/8) | 60.00 - 70.00 | 0.6000 | 0.6000 |
| T11 | 32 | HCS 6X12 4AWG(1-5/8) | 60.00 - 70.00 | 0.6000 | 0.6000 |
| T11 | 34 | LDF4-50A(1/2) | 60.00 - 70.00 | 0.6000 | 0.6000 |
| T11 | 36 | 7919A(17/64) | 60.00 - 70.00 | 0.6000 | 0.6000 |
| T11 | 37 | LDF4-50A(1/2) | 60.00 - 70.00 | 0.6000 | 0.6000 |
| T11 | 38 | LDF5-50A(7/8) | 60.00 - 70.00 | 0.6000 | 0.6000 |
| T11 | 40 | LDF1-50A(1/4) | 60.00 - 61.00 | 0.6000 | 0.6000 |
| T12 | 2 | Step Pegs | 50.00 - 60.00 | 0.6000 | 0.6000 |
| T12 | 4 | Feedline Ladder (Af) | 50.00 - 60.00 | 0.6000 | 0.6000 |
| T12 | 5 | Feedline Ladder (Af) | 50.00 - 60.00 | 0.6000 | 0.6000 |
| T12 | 6 | Feedline Ladder (Af) | 50.00 - 60.00 | 0.6000 | 0.6000 |
| T12 | 8 | LDF5-50A(7/8) | 50.00 - 60.00 | 0.6000 | 0.6000 |
| T12 | 10 | HJ7-50A(1-5/8) | 50.00 - 60.00 | 0.6000 | 0.6000 |
| T12 | 11 | LDF5-50A(7/8) | 50.00 - 60.00 | 0.6000 | 0.6000 |
| T12 | 12 | HB158-1-08U8-S8J18(1-5/8) | 50.00 - 60.00 | 0.6000 | 0.6000 |
| T12 | 14 | LDF2-50(3/8) | 50.00 - 60.00 | 0.6000 | 0.6000 |
| T12 | 16 | CU12PSM9P6XXX(1-1/2) | 50.00 - 60.00 | 0.6000 | 0.6000 |
| T12 | 20 | LDF5-50A(7/8) | 50.00 - 60.00 | 0.6000 | 0.6000 |
| T12 | 21 | 7919A(17/64) | 50.00 - 60.00 | 0.6000 | 0.6000 |
| T12 | 26 | HB158-21U6S24-xxM_TMO(1-5/8) | 50.00 - 60.00 | 0.6000 | 0.6000 |
| T12 | 29 | HCS 6X12 4AWG(1-5/8) | 50.00 - 60.00 | 0.6000 | 0.6000 |
| T12 | 32 | HCS 6X12 4AWG(1-5/8) | 50.00 - 60.00 | 0.6000 | 0.6000 |
| T12 | 34 | LDF4-50A(1/2) | 50.00 - 60.00 | 0.6000 | 0.6000 |
| T12 | 36 | 7919A(17/64) | 50.00 - 60.00 | 0.6000 | 0.6000 |
| T12 | 37 | LDF4-50A(1/2) | 50.00 - 60.00 | 0.6000 | 0.6000 |
| T12 | 38 | LDF5-50A(7/8) | 50.00 - 60.00 | 0.6000 | 0.6000 |
| T12 | 40 | LDF1-50A(1/4) | 50.00 - 60.00 | 0.6000 | 0.6000 |
| T13 | 2 | Step Pegs | 40.00 - 50.00 | 0.6000 | 0.6000 |
| T13 | 4 | Feedline Ladder (Af) | 40.00 - 50.00 | 0.6000 | 0.6000 |
| T13 | 5 | Feedline Ladder (Af) | 40.00 - 50.00 | 0.6000 | 0.6000 |
| T13 | 6 | Feedline Ladder (Af) | 40.00 - 50.00 | 0.6000 | 0.6000 |
| T13 | 8 | LDF5-50A(7/8) | 40.00 - 50.00 | 0.6000 | 0.6000 |
| T13 | 10 | HJ7-50A(1-5/8) | 40.00 - 50.00 | 0.6000 | 0.6000 |
| T13 | 11 | LDF5-50A(7/8) | 40.00 - 50.00 | 0.6000 | 0.6000 |
| T13 | 12 | HB158-1-08U8-S8J18(1-5/8) | 40.00 - 50.00 | 0.6000 | 0.6000 |
| T13 | 14 | LDF2-50(3/8) | 40.00 - 50.00 | 0.6000 | 0.6000 |
| T13 | 16 | CU12PSM9P6XXX(1-1/2) | 40.00 - 50.00 | 0.6000 | 0.6000 |
| T13 | 20 | LDF5-50A(7/8) | 40.00 - 50.00 | 0.6000 | 0.6000 |
| T13 | 21 | 7919A(17/64) | 40.00 - 50.00 | 0.6000 | 0.6000 |
| T13 | 26 | HB158-21U6S24-xxM_TMO(1-5/8) | 40.00 - 50.00 | 0.6000 | 0.6000 |
| T13 | 29 | HCS 6X12 4AWG(1-5/8) | 40.00 - 50.00 | 0.6000 | 0.6000 |
| T13 | 32 | HCS 6X12 4AWG(1-5/8) | 40.00 - 50.00 | 0.6000 | 0.6000 |
| T13 | 34 | LDF4-50A(1/2) | 40.00 - 50.00 | 0.6000 | 0.6000 |
| T13 | 36 | 7919A(17/64) | 40.00 - 50.00 | 0.6000 | 0.6000 |
| T13 | 37 | LDF4-50A(1/2) | 40.00 - 50.00 | 0.6000 | 0.6000 |
| T13 | 38 | LDF5-50A(7/8) | 40.00 - 50.00 | 0.6000 | 0.6000 |
| T13 | 40 | LDF1-50A(1/4) | 40.00 - 50.00 | 0.6000 | 0.6000 |
| T13 | 42 | LDF4-50A(1/2) | 40.00 - 50.00 | 0.6000 | 0.6000 |
| T14 | 2 | Step Pegs | 30.00 - 40.00 | 0.6000 | 0.6000 |
| T14 | 4 | Feedline Ladder (Af) | 30.00 - 40.00 | 0.6000 | 0.6000 |
| T14 | 5 | Feedline Ladder (Af) | 30.00 - 40.00 | 0.6000 | 0.6000 |

| Tower Section | Feed Line Record No. | Description | Feed Line Segment Elev. | $K_a$ No Ice | $K_a$ Ice |
|---|---|---|---|---|---|
| T14 | 6 | Feedline Ladder (Af) | 30.00 - 40.00 | 0.6000 | 0.6000 |
| T14 | 8 | LDF5-50A(7/8) | 30.00 - 40.00 | 0.6000 | 0.6000 |
| T14 | 10 | HJ7-50A(1-5/8) | 30.00 - 40.00 | 0.6000 | 0.6000 |
| T14 | 11 | LDF5-50A(7/8) | 30.00 - 40.00 | 0.6000 | 0.6000 |
| T14 | 12 | HB158-1-08U8-S8J18(1-5/8) | 30.00 - 40.00 | 0.6000 | 0.6000 |
| T14 | 14 | LDF2-50(3/8) | 30.00 - 40.00 | 0.6000 | 0.6000 |
| T14 | 16 | CU12PSM9P6XXX(1-1/2) | 30.00 - 40.00 | 0.6000 | 0.6000 |
| T14 | 20 | LDF5-50A(7/8) | 30.00 - 40.00 | 0.6000 | 0.6000 |
| T14 | 21 | 7919A(17/64) | 30.00 - 40.00 | 0.6000 | 0.6000 |
| T14 | 26 | HB158-21U6S24-xxM_TMO(1-5/8) | 30.00 - 40.00 | 0.6000 | 0.6000 |
| T14 | 29 | HCS 6X12 4AWG(1-5/8) | 30.00 - 40.00 | 0.6000 | 0.6000 |
| T14 | 32 | HCS 6X12 4AWG(1-5/8) | 30.00 - 40.00 | 0.6000 | 0.6000 |
| T14 | 34 | LDF4-50A(1/2) | 30.00 - 40.00 | 0.6000 | 0.6000 |
| T14 | 36 | 7919A(17/64) | 30.00 - 40.00 | 0.6000 | 0.6000 |
| T14 | 37 | LDF4-50A(1/2) | 30.00 - 40.00 | 0.6000 | 0.6000 |
| T14 | 38 | LDF5-50A(7/8) | 30.00 - 40.00 | 0.6000 | 0.6000 |
| T14 | 40 | LDF1-50A(1/4) | 30.00 - 40.00 | 0.6000 | 0.6000 |
| T14 | 42 | LDF4-50A(1/2) | 30.00 - 40.00 | 0.6000 | 0.6000 |
| T15 | 2 | Step Pegs | 20.00 - 30.00 | 0.6000 | 0.6000 |
| T15 | 4 | Feedline Ladder (Af) | 20.00 - 30.00 | 0.6000 | 0.6000 |
| T15 | 5 | Feedline Ladder (Af) | 20.00 - 30.00 | 0.6000 | 0.6000 |
| T15 | 6 | Feedline Ladder (Af) | 20.00 - 30.00 | 0.6000 | 0.6000 |
| T15 | 8 | LDF5-50A(7/8) | 20.00 - 30.00 | 0.6000 | 0.6000 |
| T15 | 10 | HJ7-50A(1-5/8) | 20.00 - 30.00 | 0.6000 | 0.6000 |
| T15 | 11 | LDF5-50A(7/8) | 20.00 - 30.00 | 0.6000 | 0.6000 |
| T15 | 12 | HB158-1-08U8-S8J18(1-5/8) | 20.00 - 30.00 | 0.6000 | 0.6000 |
| T15 | 14 | LDF2-50(3/8) | 20.00 - 30.00 | 0.6000 | 0.6000 |
| T15 | 16 | CU12PSM9P6XXX(1-1/2) | 20.00 - 30.00 | 0.6000 | 0.6000 |
| T15 | 20 | LDF5-50A(7/8) | 20.00 - 30.00 | 0.6000 | 0.6000 |
| T15 | 21 | 7919A(17/64) | 20.00 - 30.00 | 0.6000 | 0.6000 |
| T15 | 26 | HB158-21U6S24-xxM_TMO(1-5/8) | 20.00 - 30.00 | 0.6000 | 0.6000 |
| T15 | 29 | HCS 6X12 4AWG(1-5/8) | 20.00 - 30.00 | 0.6000 | 0.6000 |
| T15 | 32 | HCS 6X12 4AWG(1-5/8) | 20.00 - 30.00 | 0.6000 | 0.6000 |
| T15 | 34 | LDF4-50A(1/2) | 20.00 - 30.00 | 0.6000 | 0.6000 |
| T15 | 36 | 7919A(17/64) | 20.00 - 30.00 | 0.6000 | 0.6000 |
| T15 | 37 | LDF4-50A(1/2) | 20.00 - 30.00 | 0.6000 | 0.6000 |
| T15 | 38 | LDF5-50A(7/8) | 20.00 - 30.00 | 0.6000 | 0.6000 |
| T15 | 40 | LDF1-50A(1/4) | 20.00 - 30.00 | 0.6000 | 0.6000 |
| T15 | 42 | LDF4-50A(1/2) | 20.00 - 30.00 | 0.6000 | 0.6000 |
| T16 | 2 | Step Pegs | 10.00 - 20.00 | 0.6000 | 0.6000 |
| T16 | 4 | Feedline Ladder (Af) | 10.00 - 20.00 | 0.6000 | 0.6000 |
| T16 | 5 | Feedline Ladder (Af) | 10.00 - 20.00 | 0.6000 | 0.6000 |
| T16 | 6 | Feedline Ladder (Af) | 10.00 - 20.00 | 0.6000 | 0.6000 |
| T16 | 8 | LDF5-50A(7/8) | 10.00 - 20.00 | 0.6000 | 0.6000 |
| T16 | 10 | HJ7-50A(1-5/8) | 10.00 - 20.00 | 0.6000 | 0.6000 |
| T16 | 11 | LDF5-50A(7/8) | 10.00 - 20.00 | 0.6000 | 0.6000 |
| T16 | 12 | HB158-1-08U8-S8J18(1-5/8) | 10.00 - 20.00 | 0.6000 | 0.6000 |
| T16 | 14 | LDF2-50(3/8) | 10.00 - 20.00 | 0.6000 | 0.6000 |
| T16 | 16 | CU12PSM9P6XXX(1-1/2) | 10.00 - 20.00 | 0.6000 | 0.6000 |
| T16 | 20 | LDF5-50A(7/8) | 10.00 - 20.00 | 0.6000 | 0.6000 |
| T16 | 21 | 7919A(17/64) | 10.00 - 20.00 | 0.6000 | 0.6000 |
| T16 | 26 | HB158-21U6S24-xxM_TMO(1-5/8) | 10.00 - 20.00 | 0.6000 | 0.6000 |
| T16 | 29 | HCS 6X12 4AWG(1-5/8) | 10.00 - 20.00 | 0.6000 | 0.6000 |
| T16 | 32 | HCS 6X12 4AWG(1-5/8) | 10.00 - 20.00 | 0.6000 | 0.6000 |
| T16 | 34 | LDF4-50A(1/2) | 10.00 - 20.00 | 0.6000 | 0.6000 |
| T16 | 36 | 7919A(17/64) | 10.00 - 20.00 | 0.6000 | 0.6000 |
| T16 | 37 | LDF4-50A(1/2) | 10.00 - 20.00 | 0.6000 | 0.6000 |
| T16 | 38 | LDF5-50A(7/8) | 10.00 - 20.00 | 0.6000 | 0.6000 |
| T16 | 40 | LDF1-50A(1/4) | 10.00 - 20.00 | 0.6000 | 0.6000 |
| T16 | 42 | LDF4-50A(1/2) | 10.00 - 20.00 | 0.6000 | 0.6000 |
| T17 | 2 | Step Pegs | 0.00 - 10.00 | 0.6000 | 0.6000 |
| T17 | 4 | Feedline Ladder (Af) | 6.00 - 10.00 | 0.6000 | 0.6000 |
| T17 | 5 | Feedline Ladder (Af) | 6.00 - 10.00 | 0.6000 | 0.6000 |
| T17 | 6 | Feedline Ladder (Af) | 6.00 - 10.00 | 0.6000 | 0.6000 |
| T17 | 8 | LDF5-50A(7/8) | 6.00 - 10.00 | 0.6000 | 0.6000 |
| T17 | 10 | HJ7-50A(1-5/8) | 6.00 - 10.00 | 0.6000 | 0.6000 |
| T17 | 11 | LDF5-50A(7/8) | 6.00 - 10.00 | 0.6000 | 0.6000 |
| T17 | 12 | HB158-1-08U8-S8J18(1-5/8) | 6.00 - 10.00 | 0.6000 | 0.6000 |
| T17 | 14 | LDF2-50(3/8) | 6.00 - 10.00 | 0.6000 | 0.6000 |
| T17 | 16 | CU12PSM9P6XXX(1-1/2) | 6.00 - 10.00 | 0.6000 | 0.6000 |

| Tower Section | Feed Line Record No. | Description | Feed Line Segment Elev. | $K_a$ No Ice | $K_a$ Ice |
|---|---|---|---|---|---|
| T17 | 20 | LDF5-50A(7/8) | 6.00 - 10.00 | 0.6000 | 0.6000 |
| T17 | 21 | 7919A(17/64) | 6.00 - 10.00 | 0.6000 | 0.6000 |
| T17 | 26 | HB158-21U6S24-xxM_TMO(1-5/8) | 6.00 - 10.00 | 0.6000 | 0.6000 |
| T17 | 29 | HCS 6X12 4AWG(1-5/8) | 6.00 - 10.00 | 0.6000 | 0.6000 |
| T17 | 32 | HCS 6X12 4AWG(1-5/8) | 6.00 - 10.00 | 0.6000 | 0.6000 |
| T17 | 34 | LDF4-50A(1/2) | 6.00 - 10.00 | 0.6000 | 0.6000 |
| T17 | 36 | 7919A(17/64) | 6.00 - 10.00 | 0.6000 | 0.6000 |
| T17 | 37 | LDF4-50A(1/2) | 6.00 - 10.00 | 0.6000 | 0.6000 |
| T17 | 38 | LDF5-50A(7/8) | 6.00 - 10.00 | 0.6000 | 0.6000 |
| T17 | 40 | LDF1-50A(1/4) | 6.00 - 10.00 | 0.6000 | 0.6000 |
| T17 | 42 | LDF4-50A(1/2) | 6.00 - 10.00 | 0.6000 | 0.6000 |

# Discrete Tower Loads

| Description | Face or Leg | Offset Type | Offsets: Horz Lateral Vert<br>ft<br>ft<br>ft | Azimuth Adjustment<br>° | Placement<br>ft | | $C_AA_A$ Front<br>$ft^2$ | $C_AA_A$ Side<br>$ft^2$ | Weight<br>K |
|---|---|---|---|---|---|---|---|---|---|
| *** | | | | | | | | | |
| ANT150F2 | A | From Leg | 1.00<br>0.00<br>7.00 | 0.0000 | 150.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 1.23<br>1.53<br>1.84<br>2.49 | 1.23<br>1.53<br>1.84<br>2.49 | 0.01<br>0.02<br>0.04<br>0.07 |
| PTP 400 | A | From Leg | 1.00<br>0.00<br>2.00 | 0.0000 | 150.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 1.75<br>1.92<br>2.09<br>2.46 | 0.48<br>0.58<br>0.69<br>0.92 | 0.01<br>0.02<br>0.04<br>0.07 |
| 2.5 STD 5' Pipe | A | From Leg | 0.50<br>0.00<br>0.00 | 0.0000 | 150.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 1.19<br>1.50<br>1.83<br>2.54 | 1.19<br>1.50<br>1.83<br>2.54 | 0.00<br>0.00<br>0.00<br>0.00 |
| 2.5 STD 5' Pipe | B | From Leg | 0.50<br>0.00<br>0.00 | 0.0000 | 150.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 1.19<br>1.50<br>1.83<br>2.54 | 1.19<br>1.50<br>1.83<br>2.54 | 0.00<br>0.00<br>0.00<br>0.00 |
| ****** | | | | | | | | | |
| LNX-6514DS-AIM w/ Mount Pipe | A | From Face | 4.00<br>0.00<br>1.00 | -16.0000 | 148.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 4.09<br>4.49<br>4.89<br>5.71 | 3.30<br>3.68<br>4.06<br>4.87 | 0.06<br>0.13<br>0.20<br>0.38 |
| LNX-6514DS-AIM w/ Mount Pipe | B | From Face | 4.00<br>0.00<br>1.00 | -36.0000 | 148.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 4.09<br>4.49<br>4.89<br>5.71 | 3.30<br>3.68<br>4.06<br>4.87 | 0.06<br>0.13<br>0.20<br>0.38 |
| LNX-6514DS-AIM w/ Mount Pipe | C | From Face | 4.00<br>0.00<br>1.00 | -16.0000 | 148.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 4.09<br>4.49<br>4.89<br>5.71 | 3.30<br>3.68<br>4.06<br>4.87 | 0.06<br>0.13<br>0.20<br>0.38 |
| (2) JAHH-65B-R3B w/ Mount Pipe | C | From Face | 4.00<br>0.00<br>1.00 | -16.0000 | 148.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 5.50<br>5.97<br>6.45<br>7.44 | 4.38<br>4.84<br>5.30<br>6.26 | 0.10<br>0.17<br>0.25<br>0.46 |
| RFV01U-D1A | A | From Face | 4.00<br>0.00<br>1.00 | 0.0000 | 148.00 | No Ice<br>1/2" Ice<br>1" Ice | 1.88<br>2.05<br>2.22<br>2.60 | 1.25<br>1.39<br>1.54<br>1.86 | 0.08<br>0.10<br>0.12<br>0.18 |

| Description | Face or Leg | Offset Type | Offsets: Horz Lateral Vert<br>ft<br>ft<br>ft | Azimuth Adjustment<br>° | Placement<br>ft | | $C_AA_A$ Front<br>$ft^2$ | $C_AA_A$ Side<br>$ft^2$ | Weight<br>K |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 2" Ice | | | |
| RFV01U-D1A | B | From Face | 4.00 | 0.0000 | 148.00 | No Ice | 1.88 | 1.25 | 0.08 |
| | | | 0.00 | | | 1/2" Ice | 2.05 | 1.39 | 0.10 |
| | | | 1.00 | | | 1" Ice | 2.22 | 1.54 | 0.12 |
| | | | | | | 2" Ice | 2.60 | 1.86 | 0.18 |
| RFV01U-D1A | C | From Face | 4.00 | 0.0000 | 148.00 | No Ice | 1.88 | 1.25 | 0.08 |
| | | | 0.00 | | | 1/2" Ice | 2.05 | 1.39 | 0.10 |
| | | | 1.00 | | | 1" Ice | 2.22 | 1.54 | 0.12 |
| | | | | | | 2" Ice | 2.60 | 1.86 | 0.18 |
| DB-B1-6C-12AB-0Z | A | From Face | 4.00 | 0.0000 | 148.00 | No Ice | 3.36 | 2.19 | 0.02 |
| | | | 0.00 | | | 1/2" Ice | 3.60 | 2.39 | 0.05 |
| | | | 1.00 | | | 1" Ice | 3.84 | 2.61 | 0.08 |
| | | | | | | 2" Ice | 4.34 | 3.05 | 0.16 |
| DB-B1-6C-12AB-0Z | B | From Face | 4.00 | 0.0000 | 148.00 | No Ice | 3.36 | 2.19 | 0.02 |
| | | | 0.00 | | | 1/2" Ice | 3.60 | 2.39 | 0.05 |
| | | | 1.00 | | | 1" Ice | 3.84 | 2.61 | 0.08 |
| | | | | | | 2" Ice | 4.34 | 3.05 | 0.16 |
| CBC1923T-DS-43 | C | From Face | 4.00 | 0.0000 | 148.00 | No Ice | 0.32 | 0.23 | 0.01 |
| | | | 0.00 | | | 1/2" Ice | 0.39 | 0.29 | 0.01 |
| | | | 1.00 | | | 1" Ice | 0.47 | 0.37 | 0.02 |
| | | | | | | 2" Ice | 0.65 | 0.53 | 0.03 |
| Sector Mount [SM 510-3] | C | None | | 0.0000 | 148.00 | No Ice | 39.97 | 39.97 | 2.40 |
| | | | | | | 1/2" Ice | 56.45 | 56.45 | 3.08 |
| | | | | | | 1" Ice | 72.59 | 72.59 | 3.96 |
| | | | | | | 2" Ice | 104.06 | 104.06 | 6.30 |
| *** | | | | | | | | | |
| MT6407-77A w/ Mount Pipe | A | From Face | 4.00 | -16.0000 | 148.00 | No Ice | 4.91 | 2.68 | 0.10 |
| | | | 0.00 | | | 1/2" Ice | 5.26 | 3.14 | 0.14 |
| | | | 1.00 | | | 1" Ice | 5.61 | 3.62 | 0.18 |
| | | | | | | 2" Ice | 6.36 | 4.63 | 0.29 |
| MT6407-77A w/ Mount Pipe | B | From Face | 4.00 | -36.0000 | 148.00 | No Ice | 4.91 | 2.68 | 0.10 |
| | | | 0.00 | | | 1/2" Ice | 5.26 | 3.14 | 0.14 |
| | | | 1.00 | | | 1" Ice | 5.61 | 3.62 | 0.18 |
| | | | | | | 2" Ice | 6.36 | 4.63 | 0.29 |
| MT6407-77A w/ Mount Pipe | C | From Face | 4.00 | -16.0000 | 148.00 | No Ice | 4.91 | 2.68 | 0.10 |
| | | | 0.00 | | | 1/2" Ice | 5.26 | 3.14 | 0.14 |
| | | | 1.00 | | | 1" Ice | 5.61 | 3.62 | 0.18 |
| | | | | | | 2" Ice | 6.36 | 4.63 | 0.29 |
| (2) JAHH-65B-R3B w/ Mount Pipe | A | From Face | 4.00 | -16.0000 | 148.00 | No Ice | 5.50 | 4.38 | 0.10 |
| | | | 0.00 | | | 1/2" Ice | 5.97 | 4.84 | 0.17 |
| | | | 1.00 | | | 1" Ice | 6.45 | 5.30 | 0.25 |
| | | | | | | 2" Ice | 7.44 | 6.26 | 0.46 |
| (2) JAHH-65B-R3B w/ Mount Pipe | B | From Face | 4.00 | -36.0000 | 148.00 | No Ice | 5.50 | 4.38 | 0.10 |
| | | | 0.00 | | | 1/2" Ice | 5.97 | 4.84 | 0.17 |
| | | | 1.00 | | | 1" Ice | 6.45 | 5.30 | 0.25 |
| | | | | | | 2" Ice | 7.44 | 6.26 | 0.46 |
| (3) RFV01U-D2A | B | From Face | 4.00 | 0.0000 | 148.00 | No Ice | 1.88 | 1.01 | 0.07 |
| | | | 0.00 | | | 1/2" Ice | 2.05 | 1.14 | 0.09 |
| | | | 1.00 | | | 1" Ice | 2.22 | 1.28 | 0.11 |
| | | | | | | 2" Ice | 2.60 | 1.59 | 0.15 |
| (2) CBC78T-DS-43-2X | C | From Face | 4.00 | 0.0000 | 148.00 | No Ice | 0.37 | 0.51 | 0.02 |
| | | | 0.00 | | | 1/2" Ice | 0.45 | 0.60 | 0.03 |
| | | | 1.00 | | | 1" Ice | 0.53 | 0.70 | 0.04 |

| Description | Face or Leg | Offset Type | Offsets: Horz Lateral Vert<br>ft<br>ft<br>ft | Azimuth Adjustment<br>° | Placement<br>ft | | $C_AA_A$ Front<br>$ft^2$ | $C_AA_A$ Side<br>$ft^2$ | Weight<br>K |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 1" Ice | 0.72 | 0.93 | 0.06 |
| | | | | | | 2" Ice | | | |
| Side by side Mounting Kit [#BSAMNT-SBS2-2] | A | From Leg | 4.00<br>0.00<br>0.00 | 0.0000 | 148.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 0.00<br>0.00<br>0.00<br>0.00 | 0.00<br>0.00<br>0.00<br>0.00 | 0.00<br>0.00<br>0.00<br>0.00 |
| Side by side Mounting Kit [#BSAMNT-SBS2-2] | B | From Leg | 4.00<br>0.00<br>0.00 | 0.0000 | 148.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 0.00<br>0.00<br>0.00<br>0.00 | 0.00<br>0.00<br>0.00<br>0.00 | 0.00<br>0.00<br>0.00<br>0.00 |
| Side by side Mounting Kit [#BSAMNT-SBS2-2] | C | From Leg | 4.00<br>0.00<br>0.00 | 0.0000 | 148.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 0.00<br>0.00<br>0.00<br>0.00 | 0.00<br>0.00<br>0.00<br>0.00 | 0.00<br>0.00<br>0.00<br>0.00 |
| Mount Reinforcement Specifications | C | None | | 0.0000 | 148.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 28.63<br>37.31<br>45.80<br>62.38 | 28.63<br>37.31<br>45.80<br>62.38 | 0.28<br>0.67<br>0.94<br>1.63 |
| ****** | | | | | | | | | |
| WV-CW864 | A | From Leg | 0.50<br>0.00<br>-1.00 | 0.0000 | 146.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 0.80<br>1.44<br>2.08<br>3.36 | 0.80<br>1.44<br>2.08<br>3.36 | 0.01<br>0.01<br>0.02<br>0.02 |
| ****** | | | | | | | | | |
| MX08FRO665-21 w/ Mount Pipe | A | From Leg | 4.00<br>0.00<br>0.00 | 14.0000 | 135.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 8.01<br>8.52<br>9.04<br>10.11 | 4.23<br>4.69<br>5.16<br>6.12 | 0.11<br>0.19<br>0.29<br>0.52 |
| MX08FRO665-21 w/ Mount Pipe | B | From Leg | 4.00<br>0.00<br>0.00 | 14.0000 | 135.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 8.01<br>8.52<br>9.04<br>10.11 | 4.23<br>4.69<br>5.16<br>6.12 | 0.11<br>0.19<br>0.29<br>0.52 |
| MX08FRO665-21 w/ Mount Pipe | C | From Leg | 4.00<br>0.00<br>0.00 | 14.0000 | 135.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 8.01<br>8.52<br>9.04<br>10.11 | 4.23<br>4.69<br>5.16<br>6.12 | 0.11<br>0.19<br>0.29<br>0.52 |
| TA08025-B604 | A | From Leg | 4.00<br>0.00<br>0.00 | 0.0000 | 135.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 1.96<br>2.14<br>2.32<br>2.71 | 0.98<br>1.11<br>1.25<br>1.55 | 0.06<br>0.08<br>0.10<br>0.15 |
| TA08025-B604 | B | From Leg | 4.00<br>0.00<br>0.00 | 0.0000 | 135.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 1.96<br>2.14<br>2.32<br>2.71 | 0.98<br>1.11<br>1.25<br>1.55 | 0.06<br>0.08<br>0.10<br>0.15 |
| TA08025-B604 | C | From Leg | 4.00<br>0.00<br>0.00 | 0.0000 | 135.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 1.96<br>2.14<br>2.32<br>2.71 | 0.98<br>1.11<br>1.25<br>1.55 | 0.06<br>0.08<br>0.10<br>0.15 |
| TA08025-B605 | A | From Leg | 4.00<br>0.00<br>0.00 | 0.0000 | 135.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 1.96<br>2.14<br>2.32<br>2.71 | 1.13<br>1.27<br>1.41<br>1.72 | 0.08<br>0.09<br>0.11<br>0.16 |
| TA08025-B605 | B | From Leg | 4.00 | 0.0000 | 135.00 | No Ice | 1.96 | 1.13 | 0.08 |

| Description | Face or Leg | Offset Type | Offsets: Horz Lateral Vert<br>ft<br>ft<br>ft | Azimuth Adjustment<br>° | Placement<br>ft | | $C_AA_A$ Front<br>$ft^2$ | $C_AA_A$ Side<br>$ft^2$ | Weight<br>K |
|---|---|---|---|---|---|---|---|---|---|
| | | | 0.00<br>0.00 | | | 1/2" Ice<br>1" Ice<br>2" Ice | 2.14<br>2.32<br>2.71 | 1.27<br>1.41<br>1.72 | 0.09<br>0.11<br>0.16 |
| TA08025-B605 | C | From Leg | 4.00<br>0.00<br>0.00 | 0.0000 | 135.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 1.96<br>2.14<br>2.32<br>2.71 | 1.13<br>1.27<br>1.41<br>1.72 | 0.08<br>0.09<br>0.11<br>0.16 |
| (2) 8' x 2" Mount Pipe | A | From Leg | 4.00<br>0.00<br>0.00 | 0.0000 | 135.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 1.90<br>2.73<br>3.40<br>4.40 | 1.90<br>2.73<br>3.40<br>4.40 | 0.03<br>0.04<br>0.06<br>0.12 |
| (2) 8' x 2" Mount Pipe | B | From Leg | 4.00<br>0.00<br>0.00 | 0.0000 | 135.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 1.90<br>2.73<br>3.40<br>4.40 | 1.90<br>2.73<br>3.40<br>4.40 | 0.03<br>0.04<br>0.06<br>0.12 |
| (2) 8' x 2" Mount Pipe | C | From Leg | 4.00<br>0.00<br>0.00 | 0.0000 | 135.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 1.90<br>2.73<br>3.40<br>4.40 | 1.90<br>2.73<br>3.40<br>4.40 | 0.03<br>0.04<br>0.06<br>0.12 |
| Commscope MTC3975083 (3) | C | None | | 0.0000 | 135.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 23.85<br>34.12<br>44.39<br>64.93 | 23.85<br>34.12<br>44.39<br>64.93 | 1.26<br>1.80<br>2.35<br>3.43 |
| ******<br>****** | | | | | | | | | |
| BCD-87010-EDIN-X | A | From Leg | 3.00<br>0.00<br>4.00 | 0.0000 | 126.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 2.90<br>4.05<br>5.21<br>7.01 | 2.90<br>4.05<br>5.21<br>7.01 | 0.03<br>0.05<br>0.08<br>0.16 |
| PTP 400 | A | From Leg | 3.00<br>0.00<br>-1.00 | 0.0000 | 126.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 1.75<br>1.92<br>2.09<br>2.46 | 0.48<br>0.58<br>0.69<br>0.92 | 0.01<br>0.02<br>0.04<br>0.07 |
| SC614 | A | From Leg | 3.00<br>0.00<br>4.00 | 0.0000 | 126.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 0.00<br>0.00<br>0.00<br>0.00 | 0.00<br>0.00<br>0.00<br>0.00 | 0.00<br>0.00<br>0.00<br>0.00 |
| Side Arm Mount [SO 305-1] | A | From Leg | 1.50<br>0.00<br>0.00 | 0.0000 | 126.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 0.53<br>0.78<br>1.06<br>1.73 | 1.52<br>2.07<br>2.66<br>3.91 | 0.03<br>0.04<br>0.06<br>0.13 |
| ******<br>Sector Mount [SM 502-3] | C | None | | 0.0000 | 121.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 29.82<br>42.21<br>54.43<br>78.49 | 29.82<br>42.21<br>54.43<br>78.49 | 1.67<br>2.27<br>3.05<br>5.18 |
| ***<br>AIR6449 B41_T-MOBILE w/ Mount Pipe | A | From Leg | 4.00<br>0.00<br>1.00 | 14.0000 | 121.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 5.19<br>5.59<br>6.02<br>6.90 | 2.71<br>3.04<br>3.38<br>4.12 | 0.13<br>0.17<br>0.23<br>0.35 |
| AIR6449 B41_T-MOBILE w/ Mount Pipe | B | From Leg | 4.00<br>0.00 | 14.0000 | 121.00 | No Ice<br>1/2" | 5.19<br>5.59 | 2.71<br>3.04 | 0.13<br>0.17 |

| Description | Face or Leg | Offset Type | Offsets: Horz Lateral Vert<br>ft<br>ft<br>ft | Azimuth Adjustment<br>° | Placement<br>ft | | $C_AA_A$ Front<br>$ft^2$ | $C_AA_A$ Side<br>$ft^2$ | Weight<br>K |
|---|---|---|---|---|---|---|---|---|---|
| | | | 1.00 | | | Ice | 6.02 | 3.38 | 0.23 |
| | | | | | | 1" Ice | 6.90 | 4.12 | 0.35 |
| | | | | | | 2" Ice | | | |
| AIR6449 B41_T-MOBILE w/ Mount Pipe | C | From Leg | 4.00<br>0.00<br>1.00 | 14.0000 | 121.00 | No Ice<br>1/2"<br>Ice<br>1" Ice<br>2" Ice | 5.19<br>5.59<br>6.02<br>6.90 | 2.71<br>3.04<br>3.38<br>4.12 | 0.13<br>0.17<br>0.23<br>0.35 |
| APXVAALL24_43-U-NA20_TMO w/ Mount Pipe | A | From Leg | 4.00<br>0.00<br>1.00 | 14.0000 | 121.00 | No Ice<br>1/2"<br>Ice<br>1" Ice<br>2" Ice | 14.69<br>15.46<br>16.23<br>17.82 | 6.87<br>7.55<br>8.25<br>9.67 | 0.18<br>0.31<br>0.45<br>0.78 |
| APXVAALL24_43-U-NA20_TMO w/ Mount Pipe | B | From Leg | 4.00<br>0.00<br>1.00 | 14.0000 | 121.00 | No Ice<br>1/2"<br>Ice<br>1" Ice<br>2" Ice | 14.69<br>15.46<br>16.23<br>17.82 | 6.87<br>7.55<br>8.25<br>9.67 | 0.18<br>0.31<br>0.45<br>0.78 |
| APXVAALL24_43-U-NA20_TMO w/ Mount Pipe | C | From Leg | 4.00<br>0.00<br>1.00 | 14.0000 | 121.00 | No Ice<br>1/2"<br>Ice<br>1" Ice<br>2" Ice | 14.69<br>15.46<br>16.23<br>17.82 | 6.87<br>7.55<br>8.25<br>9.67 | 0.18<br>0.31<br>0.45<br>0.78 |
| APX16DWV-16DWV-S-E-A20 w/ Mount Pipe | A | From Leg | 4.00<br>0.00<br>1.00 | 14.0000 | 121.00 | No Ice<br>1/2"<br>Ice<br>1" Ice<br>2" Ice | 6.29<br>6.86<br>7.45<br>8.68 | 2.76<br>3.27<br>3.79<br>4.90 | 0.06<br>0.11<br>0.16<br>0.29 |
| APX16DWV-16DWV-S-E-A20 w/ Mount Pipe | B | From Leg | 4.00<br>0.00<br>1.00 | 14.0000 | 121.00 | No Ice<br>1/2"<br>Ice<br>1" Ice<br>2" Ice | 6.29<br>6.86<br>7.45<br>8.68 | 2.76<br>3.27<br>3.79<br>4.90 | 0.06<br>0.11<br>0.16<br>0.29 |
| APX16DWV-16DWV-S-E-A20 w/ Mount Pipe | C | From Leg | 4.00<br>0.00<br>1.00 | 14.0000 | 121.00 | No Ice<br>1/2"<br>Ice<br>1" Ice<br>2" Ice | 6.29<br>6.86<br>7.45<br>8.68 | 2.76<br>3.27<br>3.79<br>4.90 | 0.06<br>0.11<br>0.16<br>0.29 |
| RADIO 4415 B66A_CCIV3 | A | From Leg | 4.00<br>0.00<br>1.00 | 0.0000 | 121.00 | No Ice<br>1/2"<br>Ice<br>1" Ice<br>2" Ice | 1.64<br>1.80<br>1.97<br>2.32 | 0.68<br>0.79<br>0.91<br>1.18 | 0.05<br>0.06<br>0.07<br>0.11 |
| RADIO 4415 B66A_CCIV3 | B | From Leg | 4.00<br>0.00<br>1.00 | 0.0000 | 121.00 | No Ice<br>1/2"<br>Ice<br>1" Ice<br>2" Ice | 1.64<br>1.80<br>1.97<br>2.32 | 0.68<br>0.79<br>0.91<br>1.18 | 0.05<br>0.06<br>0.07<br>0.11 |
| RADIO 4415 B66A_CCIV3 | C | From Leg | 4.00<br>0.00<br>1.00 | 0.0000 | 121.00 | No Ice<br>1/2"<br>Ice<br>1" Ice<br>2" Ice | 1.64<br>1.80<br>1.97<br>2.32 | 0.68<br>0.79<br>0.91<br>1.18 | 0.05<br>0.06<br>0.07<br>0.11 |
| RADIO 4424 B25_TMOV1 | A | From Leg | 4.00<br>0.00<br>1.00 | 0.0000 | 121.00 | No Ice<br>1/2"<br>Ice<br>1" Ice<br>2" Ice | 2.05<br>2.23<br>2.42<br>2.81 | 1.61<br>1.77<br>1.94<br>2.30 | 0.10<br>0.12<br>0.14<br>0.20 |
| RADIO 4424 B25_TMOV1 | B | From Leg | 4.00<br>0.00<br>1.00 | 0.0000 | 121.00 | No Ice<br>1/2"<br>Ice<br>1" Ice<br>2" Ice | 2.05<br>2.23<br>2.42<br>2.81 | 1.61<br>1.77<br>1.94<br>2.30 | 0.10<br>0.12<br>0.14<br>0.20 |
| RADIO 4424 B25_TMOV1 | C | From Leg | 4.00<br>0.00 | 0.0000 | 121.00 | No Ice<br>1/2" | 2.05<br>2.23 | 1.61<br>1.77 | 0.10<br>0.12 |

| Description | Face or Leg | Offset Type | Offsets: Horz Lateral Vert<br>ft<br>ft<br>ft | Azimuth Adjustment<br>° | Placement<br>ft | | $C_AA_A$ Front<br>$ft^2$ | $C_AA_A$ Side<br>$ft^2$ | Weight<br>K |
|---|---|---|---|---|---|---|---|---|---|
| | | | 1.00 | | | Ice | 2.42 | 1.94 | 0.14 |
| | | | | | | 1" Ice | 2.81 | 2.30 | 0.20 |
| | | | | | | 2" Ice | | | |
| RADIO 4449 B71 B85A_T-MOBILE | A | From Leg | 4.00<br>0.00<br>1.00 | 0.0000 | 121.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 1.97<br>2.15<br>2.33<br>2.72 | 1.59<br>1.75<br>1.92<br>2.28 | 0.07<br>0.09<br>0.12<br>0.17 |
| RADIO 4449 B71 B85A_T-MOBILE | B | From Leg | 4.00<br>0.00<br>1.00 | 0.0000 | 121.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 1.97<br>2.15<br>2.33<br>2.72 | 1.59<br>1.75<br>1.92<br>2.28 | 0.07<br>0.09<br>0.12<br>0.17 |
| RADIO 4449 B71 B85A_T-MOBILE | C | From Leg | 4.00<br>0.00<br>1.00 | 0.0000 | 121.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 1.97<br>2.15<br>2.33<br>2.72 | 1.59<br>1.75<br>1.92<br>2.28 | 0.07<br>0.09<br>0.12<br>0.17 |
| ****** | | | | | | | | | |
| APXVAARR24_43-U-NA20 w/ Mount Pipe | A | From Leg | 1.00<br>0.00<br>0.00 | 44.0000 | 103.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 14.69<br>15.46<br>16.23<br>17.82 | 6.87<br>7.55<br>8.25<br>9.67 | 0.19<br>0.31<br>0.46<br>0.79 |
| APXVAARR24_43-U-NA20 w/ Mount Pipe | B | From Leg | 1.00<br>0.00<br>0.00 | 44.0000 | 103.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 14.69<br>15.46<br>16.23<br>17.82 | 6.87<br>7.55<br>8.25<br>9.67 | 0.19<br>0.31<br>0.46<br>0.79 |
| APXVAARR24_43-U-NA20 w/ Mount Pipe | C | From Leg | 1.00<br>0.00<br>0.00 | 44.0000 | 103.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 14.69<br>15.46<br>16.23<br>17.82 | 6.87<br>7.55<br>8.25<br>9.67 | 0.19<br>0.31<br>0.46<br>0.79 |
| Sector Mount [SM 702-3] | C | None | | 0.0000 | 103.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 38.89<br>50.40<br>61.77<br>84.35 | 38.89<br>50.40<br>61.77<br>84.35 | 1.55<br>2.28<br>3.22<br>5.70 |
| *** | | | | | | | | | |
| AIR6449 B41_T-MOBILE w/ Mount Pipe | A | From Leg | 1.00<br>0.00<br>0.00 | 44.0000 | 103.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 5.19<br>5.59<br>6.02<br>6.90 | 2.71<br>3.04<br>3.38<br>4.12 | 0.13<br>0.17<br>0.23<br>0.35 |
| AIR6449 B41_T-MOBILE w/ Mount Pipe | B | From Leg | 1.00<br>0.00<br>0.00 | 44.0000 | 103.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 5.19<br>5.59<br>6.02<br>6.90 | 2.71<br>3.04<br>3.38<br>4.12 | 0.13<br>0.17<br>0.23<br>0.35 |
| AIR6449 B41_T-MOBILE w/ Mount Pipe | C | From Leg | 1.00<br>0.00<br>0.00 | 44.0000 | 103.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 5.19<br>5.59<br>6.02<br>6.90 | 2.71<br>3.04<br>3.38<br>4.12 | 0.13<br>0.17<br>0.23<br>0.35 |
| AIR 32 B2A B66AA_T-MOBILE w/ Mount Pipe | A | From Leg | 1.00<br>0.00<br>0.00 | 44.0000 | 103.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 3.76<br>4.12<br>4.48<br>5.24 | 3.15<br>3.49<br>3.84<br>4.58 | 0.19<br>0.25<br>0.32<br>0.48 |
| AIR 32 B2A B66AA_T-MOBILE w/ Mount Pipe | B | From Leg | 1.00<br>0.00<br>0.00 | 44.0000 | 103.00 | No Ice<br>1/2" Ice<br>1" Ice<br>2" Ice | 3.76<br>4.12<br>4.48<br>5.24 | 3.15<br>3.49<br>3.84<br>4.58 | 0.19<br>0.25<br>0.32<br>0.48 |

| Description | Face or Leg | Offset Type | Offsets: Horz Lateral Vert<br>ft<br>ft<br>ft | Azimuth Adjustment<br>° | Placement<br>ft | | $C_AA_A$ Front<br>$ft^2$ | $C_AA_A$ Side<br>$ft^2$ | Weight<br>K |
|---|---|---|---|---|---|---|---|---|---|
| AIR 32 B2A B66AA_T-MOBILE w/ Mount Pipe | C | From Leg | 1.00<br>0.00<br>0.00 | 44.0000 | 103.00 | No Ice<br>1/2" Ice<br>Ice<br>1" Ice<br>2" Ice | 3.76<br>4.12<br>4.48<br>5.24 | 3.15<br>3.49<br>3.84<br>4.58 | 0.19<br>0.25<br>0.32<br>0.48 |
| RRUS 4415 B25 | A | From Leg | 1.00<br>0.00<br>0.00 | 0.0000 | 103.00 | No Ice<br>1/2" Ice<br>Ice<br>1" Ice<br>2" Ice | 1.64<br>1.80<br>1.97<br>2.33 | 0.68<br>0.79<br>0.91<br>1.18 | 0.04<br>0.06<br>0.07<br>0.11 |
| RRUS 4415 B25 | B | From Leg | 1.00<br>0.00<br>0.00 | 0.0000 | 103.00 | No Ice<br>1/2" Ice<br>Ice<br>1" Ice<br>2" Ice | 1.64<br>1.80<br>1.97<br>2.33 | 0.68<br>0.79<br>0.91<br>1.18 | 0.04<br>0.06<br>0.07<br>0.11 |
| RRUS 4415 B25 | C | From Leg | 1.00<br>0.00<br>0.00 | 0.0000 | 103.00 | No Ice<br>1/2" Ice<br>Ice<br>1" Ice<br>2" Ice | 1.64<br>1.80<br>1.97<br>2.33 | 0.68<br>0.79<br>0.91<br>1.18 | 0.04<br>0.06<br>0.07<br>0.11 |
| RADIO 4449 B71 B85A_T-MOBILE | A | From Leg | 1.00<br>0.00<br>0.00 | 0.0000 | 103.00 | No Ice<br>1/2" Ice<br>Ice<br>1" Ice<br>2" Ice | 1.97<br>2.15<br>2.33<br>2.72 | 1.59<br>1.75<br>1.92<br>2.28 | 0.07<br>0.09<br>0.12<br>0.17 |
| RADIO 4449 B71 B85A_T-MOBILE | B | From Leg | 1.00<br>0.00<br>0.00 | 0.0000 | 103.00 | No Ice<br>1/2" Ice<br>Ice<br>1" Ice<br>2" Ice | 1.97<br>2.15<br>2.33<br>2.72 | 1.59<br>1.75<br>1.92<br>2.28 | 0.07<br>0.09<br>0.12<br>0.17 |
| RADIO 4449 B71 B85A_T-MOBILE | C | From Leg | 1.00<br>0.00<br>0.00 | 0.0000 | 103.00 | No Ice<br>1/2" Ice<br>Ice<br>1" Ice<br>2" Ice | 1.97<br>2.15<br>2.33<br>2.72 | 1.59<br>1.75<br>1.92<br>2.28 | 0.07<br>0.09<br>0.12<br>0.17 |
| ****** | | | | | | | | | |
| ANT150F2 | B | From Leg | 3.00<br>0.00<br>3.00 | 0.0000 | 90.00 | No Ice<br>1/2" Ice<br>Ice<br>1" Ice<br>2" Ice | 1.23<br>1.53<br>1.84<br>2.49 | 1.23<br>1.53<br>1.84<br>2.49 | 0.01<br>0.02<br>0.04<br>0.07 |
| Side Arm Mount [SO 302-1] | B | From Leg | 1.50<br>0.00<br>0.00 | 0.0000 | 90.00 | No Ice<br>1/2" Ice<br>Ice<br>1" Ice<br>2" Ice | 0.81<br>1.30<br>1.81<br>2.91 | 3.31<br>5.00<br>6.80<br>10.99 | 0.06<br>0.08<br>0.12<br>0.23 |
| ******* | | | | | | | | | |
| ANT150D3 | A | From Leg | 3.00<br>0.00<br>7.00 | 0.0000 | 83.00 | No Ice<br>1/2" Ice<br>Ice<br>1" Ice<br>2" Ice | 1.60<br>3.20<br>4.80<br>8.00 | 1.60<br>3.20<br>4.80<br>8.00 | 0.01<br>0.02<br>0.03<br>0.05 |
| PTP 400 | A | From Leg | 3.00<br>0.00<br>12.00 | 0.0000 | 83.00 | No Ice<br>1/2" Ice<br>Ice<br>1" Ice<br>2" Ice | 1.75<br>1.92<br>2.09<br>2.46 | 0.48<br>0.58<br>0.69<br>0.92 | 0.01<br>0.02<br>0.04<br>0.07 |
| ANT940F10 | B | From Leg | 3.00<br>0.00<br>3.00 | 0.0000 | 83.00 | No Ice<br>1/2" Ice<br>Ice<br>1" Ice<br>2" Ice | 1.64<br>2.36<br>2.78<br>3.65 | 1.64<br>2.36<br>2.78<br>3.65 | 0.02<br>0.03<br>0.05<br>0.10 |
| Side Arm Mount [SO 305-1] | A | From Leg | 1.50<br>0.00<br>0.00 | 0.0000 | 83.00 | No Ice<br>1/2" Ice<br>Ice | 0.53<br>0.78<br>1.06 | 1.52<br>2.07<br>2.66 | 0.03<br>0.04<br>0.06 |

| Description | Face or Leg | Offset Type | Offsets: Horz Lateral ft<br>Vert ft<br>ft | Azimuth Adjustment ° | Placement ft | | $C_AA_A$ Front $ft^2$ | $C_AA_A$ Side $ft^2$ | Weight K |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 1" Ice | 1.73 | 3.91 | 0.13 |
| | | | | | | 2" Ice | | | |
| Side Arm Mount [SO 305-1] | B | From Leg | 1.50 | 0.0000 | 83.00 | No Ice | 0.53 | 1.52 | 0.03 |
| | | | 0.00 | | | 1/2" | 0.78 | 2.07 | 0.04 |
| | | | 0.00 | | | Ice | 1.06 | 2.66 | 0.06 |
| | | | | | | 1" Ice | 1.73 | 3.91 | 0.13 |
| | | | | | | 2" Ice | | | |
| ****** | | | | | | | | | |
| BMOY8905 | B | From Face | 1.00 | 0.0000 | 61.00 | No Ice | 0.16 | 0.16 | 0.00 |
| | | | 0.00 | | | 1/2" | 0.29 | 0.29 | 0.00 |
| | | | 0.00 | | | Ice | 0.42 | 0.42 | 0.00 |
| | | | | | | 1" Ice | 0.67 | 0.67 | 0.00 |
| | | | | | | 2" Ice | | | |
| ****** | | | | | | | | | |
| KS24019-L112A | B | From Leg | 3.00 | 0.0000 | 50.00 | No Ice | 0.14 | 0.14 | 0.01 |
| | | | 0.00 | | | 1/2" | 0.20 | 0.20 | 0.01 |
| | | | 2.00 | | | Ice | 0.26 | 0.26 | 0.01 |
| | | | | | | 1" Ice | 0.41 | 0.41 | 0.02 |
| | | | | | | 2" Ice | | | |
| Side Arm Mount [SO 305-1] | B | From Leg | 1.50 | 0.0000 | 50.00 | No Ice | 0.53 | 1.52 | 0.03 |
| | | | 0.00 | | | 1/2" | 0.78 | 2.07 | 0.04 |
| | | | 0.00 | | | Ice | 1.06 | 2.66 | 0.06 |
| | | | | | | 1" Ice | 1.73 | 3.91 | 0.13 |
| | | | | | | 2" Ice | | | |
| ****** | | | | | | | | | |

# Load Combinations

| Comb. No. | Description |
|---|---|
| 1 | Dead Only |
| 2 | 1.2 Dead+1.0 Wind 0 deg - No Ice |
| 3 | 0.9 Dead+1.0 Wind 0 deg - No Ice |
| 4 | 1.2 Dead+1.0 Wind 30 deg - No Ice |
| 5 | 0.9 Dead+1.0 Wind 30 deg - No Ice |
| 6 | 1.2 Dead+1.0 Wind 60 deg - No Ice |
| 7 | 0.9 Dead+1.0 Wind 60 deg - No Ice |
| 8 | 1.2 Dead+1.0 Wind 90 deg - No Ice |
| 9 | 0.9 Dead+1.0 Wind 90 deg - No Ice |
| 10 | 1.2 Dead+1.0 Wind 120 deg - No Ice |
| 11 | 0.9 Dead+1.0 Wind 120 deg - No Ice |
| 12 | 1.2 Dead+1.0 Wind 150 deg - No Ice |
| 13 | 0.9 Dead+1.0 Wind 150 deg - No Ice |
| 14 | 1.2 Dead+1.0 Wind 180 deg - No Ice |
| 15 | 0.9 Dead+1.0 Wind 180 deg - No Ice |
| 16 | 1.2 Dead+1.0 Wind 210 deg - No Ice |
| 17 | 0.9 Dead+1.0 Wind 210 deg - No Ice |
| 18 | 1.2 Dead+1.0 Wind 240 deg - No Ice |
| 19 | 0.9 Dead+1.0 Wind 240 deg - No Ice |
| 20 | 1.2 Dead+1.0 Wind 270 deg - No Ice |
| 21 | 0.9 Dead+1.0 Wind 270 deg - No Ice |
| 22 | 1.2 Dead+1.0 Wind 300 deg - No Ice |
| 23 | 0.9 Dead+1.0 Wind 300 deg - No Ice |
| 24 | 1.2 Dead+1.0 Wind 330 deg - No Ice |
| 25 | 0.9 Dead+1.0 Wind 330 deg - No Ice |
| 26 | 1.2 Dead+1.0 Ice+1.0 Temp |
| 27 | 1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp |
| 28 | 1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp |
| 29 | 1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp |
| 30 | 1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp |
| 31 | 1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp |
| 32 | 1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp |

| Comb. No. | Description |
|---|---|
| 33 | 1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp |
| 34 | 1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp |
| 35 | 1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp |
| 36 | 1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp |
| 37 | 1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp |
| 38 | 1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp |
| 39 | Dead+Wind 0 deg - Service |
| 40 | Dead+Wind 30 deg - Service |
| 41 | Dead+Wind 60 deg - Service |
| 42 | Dead+Wind 90 deg - Service |
| 43 | Dead+Wind 120 deg - Service |
| 44 | Dead+Wind 150 deg - Service |
| 45 | Dead+Wind 180 deg - Service |
| 46 | Dead+Wind 210 deg - Service |
| 47 | Dead+Wind 240 deg - Service |
| 48 | Dead+Wind 270 deg - Service |
| 49 | Dead+Wind 300 deg - Service |
| 50 | Dead+Wind 330 deg - Service |

# Maximum Member Forces

| Section No. | Elevation ft | Component Type | Condition | Gov. Load Comb. | Axial K | Major Axis Moment kip-ft | Minor Axis Moment kip-ft |
|---|---|---|---|---|---|---|---|
| T1 | 150 - 145 | Leg | Max Tension | 15 | 0.84 | 0.00 | 0.00 |
| | | | Max. Compression | 27 | -6.58 | 0.00 | 0.17 |
| | | | Max. Mx | 20 | -2.06 | -1.92 | -0.00 |
| | | | Max. My | 3 | -0.80 | -0.00 | -1.92 |
| | | | Max. Vy | 20 | 1.08 | 0.00 | 0.00 |
| | | | Max. Vx | 3 | 1.07 | 0.00 | 0.00 |
| | | Diagonal | Max Tension | 22 | 1.45 | 0.00 | 0.00 |
| | | | Max. Compression | 11 | -1.41 | 0.00 | 0.00 |
| | | | Max. Mx | 38 | 0.20 | 0.03 | -0.00 |
| | | | Max. My | 20 | 1.21 | 0.01 | -0.00 |
| | | | Max. Vy | 38 | -0.03 | 0.03 | -0.00 |
| | | | Max. Vx | 20 | -0.00 | 0.01 | -0.00 |
| | | Top Girt | Max Tension | 3 | 0.29 | 0.00 | 0.00 |
| | | | Max. Compression | 14 | -0.34 | 0.00 | 0.00 |
| | | | Max. Mx | 26 | -0.15 | -0.16 | 0.00 |
| | | | Max. Vy | 26 | -0.07 | 0.00 | 0.00 |
| T2 | 145 - 140 | Leg | Max Tension | 7 | 3.53 | -0.05 | 0.08 |
| | | | Max. Compression | 27 | -8.22 | 0.00 | -0.01 |
| | | | Max. Mx | 8 | -2.13 | -0.78 | 0.00 |
| | | | Max. My | 2 | 0.42 | -0.00 | 0.78 |
| | | | Max. Vy | 8 | -0.20 | -0.78 | 0.00 |
| | | | Max. Vx | 2 | 0.18 | 0.03 | 0.77 |
| | | Diagonal | Max Tension | 13 | 2.87 | 0.00 | 0.00 |
| | | | Max. Compression | 24 | -2.94 | 0.00 | 0.00 |
| | | | Max. Mx | 36 | 0.44 | 0.04 | -0.00 |
| | | | Max. My | 10 | 2.35 | 0.01 | 0.00 |
| | | | Max. Vy | 36 | -0.04 | 0.04 | -0.00 |
| | | | Max. Vx | 10 | -0.00 | 0.00 | 0.00 |
| T3 | 140 - 120 | Leg | Max Tension | 7 | 22.88 | -0.13 | 0.08 |
| | | | Max. Compression | 2 | -31.56 | 0.57 | -0.00 |
| | | | Max. Mx | 14 | 6.55 | 0.68 | 0.01 |
| | | | Max. My | 20 | -3.41 | -0.03 | 0.70 |
| | | | Max. Vy | 14 | 1.19 | -0.64 | 0.01 |
| | | | Max. Vx | 8 | -1.17 | -0.04 | 0.58 |
| | | Diagonal | Max Tension | 16 | 4.47 | 0.00 | 0.00 |
| | | | Max. Compression | 18 | -4.69 | 0.00 | 0.00 |
| | | | Max. Mx | 38 | 0.25 | 0.07 | -0.01 |
| | | | Max. My | 36 | 0.89 | 0.07 | -0.01 |
| | | | Max. Vy | 30 | 0.06 | 0.07 | 0.01 |
| | | | Max. Vx | 36 | 0.00 | 0.00 | 0.00 |
| | | Top Girt | Max Tension | 6 | 0.69 | 0.00 | 0.00 |
| | | | Max. Compression | 3 | -0.66 | 0.00 | 0.00 |
| | | | Max. Mx | 26 | -0.02 | -0.16 | 0.00 |

| Section No. | Elevation ft | Component Type | Condition | Gov. Load Comb. | Axial K | Major Axis Moment kip-ft | Minor Axis Moment kip-ft |
|---|---|---|---|---|---|---|---|
| | | | Max. My | 26 | -0.02 | 0.00 | 0.00 |
| | | | Max. Vy | 26 | 0.07 | 0.00 | 0.00 |
| | | | Max. Vx | 26 | -0.00 | 0.00 | 0.00 |
| T4 | 120 - 113.333 | Leg | Max Tension | 7 | 31.01 | 0.07 | 0.07 |
| | | | Max. Compression | 2 | -41.09 | -0.06 | -0.00 |
| | | | Max. Mx | 14 | 27.96 | -0.64 | 0.01 |
| | | | Max. My | 8 | -5.93 | -0.04 | 0.58 |
| | | | Max. Vy | 14 | -0.16 | -0.64 | 0.01 |
| | | | Max. Vx | 8 | 0.20 | -0.04 | 0.58 |
| | | Diagonal | Max Tension | 16 | 5.96 | 0.00 | 0.00 |
| | | | Max. Compression | 18 | -6.09 | 0.00 | 0.00 |
| | | | Max. Mx | 38 | 1.31 | 0.08 | 0.01 |
| | | | Max. My | 35 | -1.83 | 0.07 | -0.01 |
| | | | Max. Vy | 30 | 0.06 | 0.08 | -0.01 |
| | | | Max. Vx | 35 | 0.00 | 0.00 | 0.00 |
| T5 | 113.333 - 106.667 | Leg | Max Tension | 7 | 41.20 | -0.10 | 0.06 |
| | | | Max. Compression | 2 | -52.04 | 0.09 | -0.01 |
| | | | Max. Mx | 33 | -10.65 | -0.12 | 0.00 |
| | | | Max. My | 8 | -6.69 | -0.02 | 0.23 |
| | | | Max. Vy | 14 | 0.08 | -0.11 | 0.01 |
| | | | Max. Vx | 8 | -0.15 | -0.02 | 0.23 |
| | | Diagonal | Max Tension | 18 | 6.00 | 0.00 | 0.00 |
| | | | Max. Compression | 16 | -5.97 | 0.00 | 0.00 |
| | | | Max. Mx | 27 | 1.27 | 0.09 | -0.01 |
| | | | Max. My | 36 | 1.31 | 0.08 | -0.01 |
| | | | Max. Vy | 29 | 0.06 | 0.08 | 0.01 |
| | | | Max. Vx | 36 | 0.00 | 0.00 | 0.00 |
| T6 | 106.667 - 100 | Leg | Max Tension | 7 | 50.07 | -0.30 | -0.00 |
| | | | Max. Compression | 2 | -62.97 | 0.05 | -0.01 |
| | | | Max. Mx | 2 | -61.40 | 0.34 | 0.00 |
| | | | Max. My | 8 | -8.50 | -0.04 | -0.37 |
| | | | Max. Vy | 6 | -1.15 | -0.30 | -0.00 |
| | | | Max. Vx | 20 | -1.00 | 0.02 | -0.06 |
| | | Diagonal | Max Tension | 17 | 7.21 | -0.06 | 0.00 |
| | | | Max. Compression | 18 | -7.59 | 0.00 | 0.00 |
| | | | Max. Mx | 27 | 0.92 | -0.16 | -0.02 |
| | | | Max. My | 35 | -2.50 | -0.13 | 0.03 |
| | | | Max. Vy | 29 | -0.10 | -0.14 | 0.02 |
| | | | Max. Vx | 36 | -0.01 | 0.00 | 0.00 |
| | | Secondary Horizontal | Max Tension | 23 | 1.18 | 0.00 | 0.00 |
| | | | Max. Compression | 10 | -1.24 | 0.02 | 0.00 |
| | | | Max. Mx | 32 | -0.32 | 0.07 | 0.00 |
| | | | Max. My | 4 | -1.11 | 0.02 | 0.00 |
| | | | Max. Vy | 32 | -0.06 | 0.07 | 0.00 |
| | | | Max. Vx | 30 | 0.00 | 0.00 | 0.00 |
| T7 | 100 - 93.3333 | Leg | Max Tension | 7 | 60.36 | -0.04 | 0.04 |
| | | | Max. Compression | 2 | -75.44 | 0.04 | -0.02 |
| | | | Max. Mx | 33 | -13.55 | -0.17 | 0.01 |
| | | | Max. My | 8 | -8.91 | -0.04 | 0.30 |
| | | | Max. Vy | 14 | -0.07 | -0.12 | 0.01 |
| | | | Max. Vx | 20 | -0.14 | -0.04 | -0.30 |
| | | Diagonal | Max Tension | 16 | 7.64 | 0.00 | 0.00 |
| | | | Max. Compression | 16 | -7.52 | 0.00 | 0.00 |
| | | | Max. Mx | 27 | 1.73 | 0.12 | -0.02 |
| | | | Max. My | 36 | 1.54 | 0.11 | -0.02 |
| | | | Max. Vy | 29 | 0.08 | 0.11 | 0.02 |
| | | | Max. Vx | 36 | 0.00 | 0.00 | 0.00 |
| T8 | 93.3333 - 86.6667 | Leg | Max Tension | 7 | 71.11 | -0.31 | -0.00 |
| | | | Max. Compression | 2 | -86.81 | -0.16 | -0.03 |
| | | | Max. Mx | 2 | -86.65 | 0.39 | 0.01 |
| | | | Max. My | 8 | -9.61 | -0.06 | 0.46 |
| | | | Max. Vy | 18 | 0.23 | 0.39 | 0.00 |
| | | | Max. Vx | 8 | -0.21 | -0.06 | 0.46 |
| | | Diagonal | Max Tension | 16 | 7.58 | 0.00 | 0.00 |
| | | | Max. Compression | 18 | -7.97 | 0.00 | 0.00 |
| | | | Max. Mx | 27 | 0.94 | 0.15 | -0.02 |
| | | | Max. My | 30 | -2.20 | 0.13 | 0.02 |
| | | | Max. Vy | 29 | 0.08 | 0.14 | -0.02 |

| Section No. | Elevation ft | Component Type | Condition | Gov. Load Comb. | Axial K | Major Axis Moment kip-ft | Minor Axis Moment kip-ft |
|---|---|---|---|---|---|---|---|
| | | | Max. Vx | 30 | -0.00 | 0.00 | 0.00 |
| | | Secondary Horizontal | Max Tension | 4 | 0.28 | 0.00 | 0.00 |
| | | | Max. Compression | 5 | -0.24 | 0.00 | 0.00 |
| | | | Max. Mx | 34 | 0.03 | 0.09 | 0.01 |
| | | | Max. My | 28 | -0.03 | 0.09 | 0.01 |
| | | | Max. Vy | 34 | 0.06 | 0.09 | 0.01 |
| | | | Max. Vx | 28 | 0.00 | 0.00 | 0.00 |
| T9 | 86.6667 - 80 | Leg | Max Tension | 7 | 81.93 | -0.17 | 0.07 |
| | | | Max. Compression | 18 | -99.08 | 0.16 | -0.07 |
| | | | Max. Mx | 2 | -98.58 | 0.43 | 0.01 |
| | | | Max. My | 8 | -10.06 | -0.06 | 0.46 |
| | | | Max. Vy | 18 | -0.20 | 0.43 | 0.01 |
| | | | Max. Vx | 8 | 0.23 | -0.06 | 0.46 |
| | | Diagonal | Max Tension | 16 | 7.95 | 0.00 | 0.00 |
| | | | Max. Compression | 18 | -8.18 | 0.00 | 0.00 |
| | | | Max. Mx | 27 | 1.84 | -0.19 | 0.03 |
| | | | Max. My | 37 | -1.80 | -0.14 | 0.04 |
| | | | Max. Vy | 29 | -0.12 | -0.17 | -0.03 |
| | | | Max. Vx | 30 | 0.01 | 0.00 | 0.00 |
| | | Secondary Horizontal | Max Tension | 20 | 0.28 | 0.00 | 0.00 |
| | | | Max. Compression | 9 | -0.23 | 0.02 | 0.00 |
| | | | Max. Mx | 34 | 0.08 | 0.08 | 0.00 |
| | | | Max. My | 29 | 0.05 | 0.08 | 0.00 |
| | | | Max. Vy | 34 | 0.06 | 0.08 | 0.00 |
| | | | Max. Vx | 27 | 0.00 | 0.08 | -0.00 |
| T10 | 80 - 70 | Leg | Max Tension | 7 | 95.29 | -0.17 | 0.07 |
| | | | Max. Compression | 18 | -114.50 | 0.01 | -0.09 |
| | | | Max. Mx | 33 | -10.38 | -0.40 | 0.01 |
| | | | Max. My | 8 | -11.54 | -0.07 | 0.72 |
| | | | Max. Vy | 18 | 0.11 | 0.16 | -0.07 |
| | | | Max. Vx | 8 | -0.23 | -0.07 | 0.72 |
| | | Diagonal | Max Tension | 16 | 9.20 | 0.00 | 0.00 |
| | | | Max. Compression | 18 | -9.22 | 0.00 | 0.00 |
| | | | Max. Mx | 29 | 0.92 | -0.28 | -0.03 |
| | | | Max. My | 37 | -2.13 | -0.25 | 0.04 |
| | | | Max. Vy | 29 | -0.14 | -0.28 | -0.03 |
| | | | Max. Vx | 37 | -0.01 | 0.00 | 0.00 |
| T11 | 70 - 60 | Leg | Max Tension | 7 | 110.92 | -0.08 | 0.09 |
| | | | Max. Compression | 18 | -132.24 | -0.56 | -0.05 |
| | | | Max. Mx | 18 | -132.18 | 0.98 | 0.01 |
| | | | Max. My | 8 | -11.96 | -0.07 | 0.72 |
| | | | Max. Vy | 18 | 0.35 | 0.98 | 0.01 |
| | | | Max. Vx | 8 | 0.27 | -0.07 | 0.72 |
| | | Diagonal | Max Tension | 17 | 9.22 | -0.12 | -0.01 |
| | | | Max. Compression | 18 | -10.04 | 0.00 | 0.00 |
| | | | Max. Mx | 27 | 2.09 | -0.26 | -0.04 |
| | | | Max. My | 30 | 2.00 | -0.25 | -0.05 |
| | | | Max. Vy | 29 | -0.14 | -0.26 | 0.04 |
| | | | Max. Vx | 30 | 0.01 | 0.00 | 0.00 |
| | | Secondary Horizontal | Max Tension | 8 | 0.44 | 0.03 | -0.00 |
| | | | Max. Compression | 9 | -0.38 | 0.02 | 0.01 |
| | | | Max. Mx | 30 | 0.17 | 0.12 | 0.00 |
| | | | Max. My | 6 | -0.29 | 0.03 | 0.01 |
| | | | Max. Vy | 30 | -0.08 | 0.12 | 0.00 |
| | | | Max. Vx | 29 | 0.00 | 0.00 | 0.00 |
| T12 | 60 - 50 | Leg | Max Tension | 7 | 126.15 | 0.41 | 0.06 |
| | | | Max. Compression | 18 | -150.28 | -0.92 | -0.03 |
| | | | Max. Mx | 18 | -150.22 | 1.29 | -0.01 |
| | | | Max. My | 8 | -13.88 | -0.18 | 1.04 |
| | | | Max. Vy | 18 | 0.48 | 1.29 | -0.01 |
| | | | Max. Vx | 8 | -0.34 | -0.18 | 1.04 |
| | | Diagonal | Max Tension | 16 | 9.36 | 0.00 | 0.00 |
| | | | Max. Compression | 18 | -10.15 | 0.00 | 0.00 |
| | | | Max. Mx | 29 | 0.51 | -0.38 | -0.05 |
| | | | Max. My | 37 | -3.13 | -0.34 | 0.06 |
| | | | Max. Vy | 29 | -0.17 | -0.38 | -0.05 |

| Section No. | Elevation ft | Component Type | Condition | Gov. Load Comb. | Axial K | Major Axis Moment kip-ft | Minor Axis Moment kip-ft |
|---|---|---|---|---|---|---|---|
| | | | Max. Vx | 37 | 0.01 | 0.00 | 0.00 |
| | | Secondary Horizontal | Max Tension | 8 | 0.67 | 0.04 | -0.01 |
| | | | Max. Compression | 9 | -0.58 | 0.05 | 0.02 |
| | | | Max. Mx | 28 | 0.00 | 0.20 | 0.01 |
| | | | Max. My | 6 | -0.43 | 0.06 | 0.02 |
| | | | Max. Vy | 28 | 0.11 | 0.20 | 0.01 |
| | | | Max. Vx | 29 | 0.00 | 0.00 | 0.00 |
| T13 | 50 - 40 | Leg | Max Tension | 7 | 140.79 | 0.62 | 0.04 |
| | | | Max. Compression | 18 | -167.80 | 0.09 | -0.07 |
| | | | Max. Mx | 18 | -167.75 | 1.16 | -0.00 |
| | | | Max. My | 8 | -14.62 | -0.18 | 1.04 |
| | | | Max. Vy | 18 | -0.47 | 1.16 | -0.00 |
| | | | Max. Vx | 8 | 0.34 | -0.18 | 1.04 |
| | | Diagonal | Max Tension | 16 | 9.62 | 0.00 | 0.00 |
| | | | Max. Compression | 18 | -10.60 | 0.00 | 0.00 |
| | | | Max. Mx | 27 | 2.47 | -0.34 | -0.06 |
| | | | Max. My | 30 | 2.36 | -0.33 | -0.06 |
| | | | Max. Vy | 29 | -0.17 | -0.34 | 0.05 |
| | | | Max. Vx | 30 | 0.01 | 0.00 | 0.00 |
| | | Secondary Horizontal | Max Tension | 8 | 0.54 | 0.07 | -0.01 |
| | | | Max. Compression | 9 | -0.46 | 0.04 | 0.01 |
| | | | Max. Mx | 30 | 0.27 | 0.18 | 0.01 |
| | | | Max. My | 6 | -0.35 | 0.06 | 0.02 |
| | | | Max. Vy | 30 | -0.11 | 0.18 | 0.01 |
| | | | Max. Vx | 29 | 0.00 | 0.00 | 0.00 |
| T14 | 40 - 30 | Leg | Max Tension | 7 | 155.72 | -0.10 | 0.07 |
| | | | Max. Compression | 18 | -186.13 | -0.05 | -0.07 |
| | | | Max. Mx | 33 | -9.13 | -1.04 | 0.01 |
| | | | Max. My | 8 | -16.84 | -0.13 | 1.11 |
| | | | Max. Vy | 33 | -0.26 | -1.04 | 0.01 |
| | | | Max. Vx | 8 | -0.24 | -0.13 | 1.11 |
| | | Diagonal | Max Tension | 18 | 10.55 | 0.00 | 0.00 |
| | | | Max. Compression | 18 | -10.25 | 0.00 | 0.00 |
| | | | Max. Mx | 29 | 0.38 | -0.54 | -0.06 |
| | | | Max. My | 37 | -2.60 | -0.50 | 0.07 |
| | | | Max. Vy | 29 | -0.21 | -0.54 | -0.06 |
| | | | Max. Vx | 37 | -0.01 | 0.00 | 0.00 |
| T15 | 30 - 20 | Leg | Max Tension | 7 | 169.41 | -0.13 | 0.08 |
| | | | Max. Compression | 18 | -202.87 | -0.87 | -0.05 |
| | | | Max. Mx | 27 | -96.96 | -2.31 | 0.00 |
| | | | Max. My | 8 | -17.53 | -0.13 | 1.11 |
| | | | Max. Vy | 27 | 0.68 | -2.31 | 0.00 |
| | | | Max. Vx | 8 | 0.33 | -0.13 | 1.11 |
| | | Diagonal | Max Tension | 16 | 10.23 | 0.00 | 0.00 |
| | | | Max. Compression | 18 | -11.71 | 0.00 | 0.00 |
| | | | Max. Mx | 27 | 2.91 | -0.41 | -0.08 |
| | | | Max. My | 30 | 2.82 | -0.39 | -0.08 |
| | | | Max. Vy | 29 | -0.21 | -0.41 | 0.07 |
| | | | Max. Vx | 30 | 0.01 | 0.00 | 0.00 |
| | | Secondary Horizontal | Max Tension | 8 | 0.62 | 0.06 | -0.00 |
| | | | Max. Compression | 9 | -0.53 | 0.04 | 0.01 |
| | | | Max. Mx | 30 | 0.33 | 0.19 | 0.00 |
| | | | Max. My | 28 | 0.10 | 0.19 | 0.01 |
| | | | Max. Vy | 30 | -0.10 | 0.19 | 0.00 |
| | | | Max. Vx | 28 | 0.00 | 0.00 | 0.00 |
| T16 | 20 - 10 | Leg | Max Tension | 7 | 183.72 | 0.66 | 0.06 |
| | | | Max. Compression | 18 | -221.11 | -1.71 | -0.02 |
| | | | Max. Mx | 27 | -101.18 | -2.31 | 0.00 |
| | | | Max. My | 8 | -20.14 | -0.34 | 1.95 |
| | | | Max. Vy | 18 | 0.80 | 2.17 | 0.01 |
| | | | Max. Vx | 8 | -0.54 | -0.34 | 1.95 |
| | | Diagonal | Max Tension | 18 | 10.94 | 0.00 | 0.00 |
| | | | Max. Compression | 18 | -11.38 | 0.00 | 0.00 |
| | | | Max. Mx | 28 | 1.45 | -0.75 | 0.07 |
| | | | Max. My | 37 | -4.57 | -0.68 | 0.10 |
| | | | Max. Vy | 29 | -0.26 | -0.74 | -0.08 |

| Section No. | Elevation ft | Component Type | Condition | Gov. Load Comb. | Axial K | Major Axis Moment kip-ft | Minor Axis Moment kip-ft |
|---|---|---|---|---|---|---|---|
| | | | Max. Vx | 37 | -0.01 | 0.00 | 0.00 |
| | | Secondary Horizontal | Max Tension | 8 | 1.04 | 0.06 | -0.00 |
| | | | Max. Compression | 9 | -0.87 | 0.06 | 0.01 |
| | | | Max. Mx | 27 | -0.07 | 0.25 | 0.00 |
| | | | Max. My | 28 | -0.08 | 0.25 | 0.01 |
| | | | Max. Vy | 27 | 0.11 | 0.25 | 0.00 |
| | | | Max. Vx | 28 | 0.00 | 0.00 | 0.00 |
| T17 | 10 - 0 | Leg | Max Tension | 7 | 196.97 | 1.10 | 0.04 |
| | | | Max. Compression | 18 | -238.02 | 0.00 | 0.00 |
| | | | Max. Mx | 18 | -237.82 | 1.98 | 0.00 |
| | | | Max. My | 8 | -20.97 | -0.34 | 1.95 |
| | | | Max. Vy | 18 | -0.80 | 1.98 | 0.00 |
| | | | Max. Vx | 8 | 0.49 | -0.34 | 1.95 |
| | | Diagonal | Max Tension | 6 | 11.06 | 0.00 | 0.00 |
| | | | Max. Compression | 18 | -12.87 | 0.00 | 0.00 |
| | | | Max. Mx | 18 | 10.25 | -0.46 | -0.07 |
| | | | Max. My | 30 | 4.00 | -0.42 | -0.10 |
| | | | Max. Vy | 28 | -0.22 | -0.42 | 0.09 |
| | | | Max. Vx | 30 | 0.01 | 0.00 | 0.00 |
| | | Secondary Horizontal | Max Tension | 8 | 0.80 | 0.13 | -0.00 |
| | | | Max. Compression | 9 | -0.68 | 0.07 | 0.01 |
| | | | Max. Mx | 29 | 0.05 | 0.23 | 0.01 |
| | | | Max. My | 8 | -0.66 | 0.10 | 0.02 |
| | | | Max. Vy | 29 | -0.12 | 0.23 | 0.01 |
| | | | Max. Vx | 28 | 0.00 | 0.00 | 0.00 |

## Maximum Reactions

| Location | Condition | Gov. Load Comb. | Vertical K | Horizontal, X K | Horizontal, Z K |
|---|---|---|---|---|---|
| Leg C | Max. Vert | 18 | 247.32 | 27.16 | -17.04 |
| | Max. $H_x$ | 18 | 247.32 | 27.16 | -17.04 |
| | Max. $H_z$ | 7 | -203.95 | -22.42 | 14.25 |
| | Min. Vert | 7 | -203.95 | -22.42 | 14.25 |
| | Min. $H_x$ | 7 | -203.95 | -22.42 | 14.25 |
| | Min. $H_z$ | 18 | 247.32 | 27.16 | -17.04 |
| Leg B | Max. Vert | 10 | 240.48 | -25.76 | -16.73 |
| | Max. $H_x$ | 23 | -193.15 | 20.97 | 13.87 |
| | Max. $H_z$ | 23 | -193.15 | 20.97 | 13.87 |
| | Min. Vert | 23 | -193.15 | 20.97 | 13.87 |
| | Min. $H_x$ | 10 | 240.48 | -25.76 | -16.73 |
| | Min. $H_z$ | 10 | 240.48 | -25.76 | -16.73 |
| Leg A | Max. Vert | 2 | 240.31 | 0.51 | 30.36 |
| | Max. $H_x$ | 20 | 21.45 | 5.71 | 1.98 |
| | Max. $H_z$ | 2 | 240.31 | 0.51 | 30.36 |
| | Min. Vert | 15 | -189.31 | -0.46 | -24.72 |
| | Min. $H_x$ | 9 | 16.79 | -5.67 | 1.57 |
| | Min. $H_z$ | 15 | -189.31 | -0.46 | -24.72 |

## Tower Mast Reaction Summary

| Load Combination | Vertical K | $Shear_x$ K | $Shear_z$ K | Overturning Moment, $M_x$ kip-ft | Overturning Moment, $M_z$ kip-ft | Torque kip-ft |
|---|---|---|---|---|---|---|
| Dead Only | 49.24 | 0.00 | -0.00 | -35.40 | -21.46 | 0.00 |
| 1.2 Dead+1.0 Wind 0 deg - No Ice | 59.09 | 0.08 | -48.33 | -4352.52 | -33.61 | 19.33 |
| 0.9 Dead+1.0 Wind 0 deg - No Ice | 44.32 | 0.08 | -48.33 | -4341.90 | -27.17 | 19.33 |
| 1.2 Dead+1.0 Wind 30 deg - No Ice | 59.09 | 24.02 | -41.68 | -3774.42 | -2174.34 | -8.82 |

| Load Combination | Vertical | $Shear_x$ | $Shear_z$ | Overturning Moment, $M_x$ | Overturning Moment, $M_z$ | Torque |
|---|---|---|---|---|---|---|
| | K | K | K | kip-ft | kip-ft | kip-ft |
| 0.9 Dead+1.0 Wind 30 deg - No Ice | 44.32 | 24.02 | -41.68 | -3763.80 | -2167.90 | -8.82 |
| 1.2 Dead+1.0 Wind 60 deg - No Ice | 59.09 | 41.26 | -23.96 | -2195.06 | -3727.93 | -45.12 |
| 0.9 Dead+1.0 Wind 60 deg - No Ice | 44.32 | 41.26 | -23.96 | -2184.43 | -3721.50 | -45.12 |
| 1.2 Dead+1.0 Wind 90 deg - No Ice | 59.09 | 48.71 | -0.08 | -50.34 | -4376.71 | -70.22 |
| 0.9 Dead+1.0 Wind 90 deg - No Ice | 44.32 | 48.71 | -0.08 | -39.71 | -4370.27 | -70.22 |
| 1.2 Dead+1.0 Wind 120 deg - No Ice | 59.09 | 42.36 | 24.50 | 2139.43 | -3794.45 | -61.48 |
| 0.9 Dead+1.0 Wind 120 deg - No Ice | 44.32 | 42.36 | 24.50 | 2150.05 | -3788.01 | -61.48 |
| 1.2 Dead+1.0 Wind 150 deg - No Ice | 59.09 | 21.75 | 37.92 | 3416.12 | -2007.47 | -35.40 |
| 0.9 Dead+1.0 Wind 150 deg - No Ice | 44.32 | 21.75 | 37.92 | 3426.74 | -2001.03 | -35.40 |
| 1.2 Dead+1.0 Wind 180 deg - No Ice | 59.09 | -0.08 | 44.63 | 4015.73 | -17.90 | -19.33 |
| 0.9 Dead+1.0 Wind 180 deg - No Ice | 44.32 | -0.08 | 44.63 | 4026.35 | -11.46 | -19.33 |
| 1.2 Dead+1.0 Wind 210 deg - No Ice | 59.09 | -24.02 | 41.68 | 3689.45 | 2122.83 | 8.82 |
| 0.9 Dead+1.0 Wind 210 deg - No Ice | 44.32 | -24.02 | 41.68 | 3700.07 | 2129.27 | 8.82 |
| 1.2 Dead+1.0 Wind 240 deg - No Ice | 59.09 | -44.46 | 25.81 | 2236.00 | 3894.51 | 45.12 |
| 0.9 Dead+1.0 Wind 240 deg - No Ice | 44.32 | -44.46 | 25.81 | 2246.62 | 3900.94 | 45.12 |
| 1.2 Dead+1.0 Wind 270 deg - No Ice | 59.09 | -48.71 | 0.08 | -34.63 | 4325.20 | 70.22 |
| 0.9 Dead+1.0 Wind 270 deg - No Ice | 44.32 | -48.71 | 0.08 | -24.01 | 4331.64 | 70.22 |
| 1.2 Dead+1.0 Wind 300 deg - No Ice | 59.09 | -39.16 | -22.65 | -2098.48 | 3524.86 | 61.48 |
| 0.9 Dead+1.0 Wind 300 deg - No Ice | 44.32 | -39.16 | -22.65 | -2087.86 | 3531.30 | 61.48 |
| 1.2 Dead+1.0 Wind 330 deg - No Ice | 59.09 | -21.75 | -37.92 | -3501.09 | 1955.96 | 35.40 |
| 0.9 Dead+1.0 Wind 330 deg - No Ice | 44.32 | -21.75 | -37.92 | -3490.47 | 1962.40 | 35.40 |
| 1.2 Dead+1.0 Ice+1.0 Temp | 156.19 | 0.00 | -0.00 | -185.77 | -67.26 | -0.00 |
| 1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp | 156.19 | 0.02 | -11.24 | -1206.06 | -69.51 | 5.55 |
| 1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp | 156.19 | 5.72 | -9.90 | -1083.04 | -585.18 | -5.40 |
| 1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp | 156.19 | 10.03 | -5.82 | -712.14 | -974.26 | -17.02 |
| 1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp | 156.19 | 11.48 | -0.02 | -188.02 | -1106.97 | -23.44 |
| 1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp | 156.19 | 9.77 | 5.64 | 326.30 | -954.00 | -21.49 |
| 1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp | 156.19 | 5.35 | 9.32 | 670.02 | -558.65 | -14.40 |
| 1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp | 156.19 | -0.02 | 10.87 | 810.13 | -65.01 | -5.55 |
| 1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp | 156.19 | -5.72 | 9.90 | 711.49 | 450.67 | 5.40 |
| 1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp | 156.19 | -10.35 | 6.00 | 352.78 | 860.86 | 17.02 |
| 1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp | 156.19 | -11.48 | 0.02 | -183.52 | 972.46 | 23.44 |
| 1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp | 156.19 | -9.46 | -5.46 | -685.65 | 798.38 | 21.49 |
| 1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp | 156.19 | -5.35 | -9.32 | -1041.57 | 424.13 | 14.40 |
| Dead+Wind 0 deg - Service | 49.24 | 0.01 | -8.33 | -775.68 | -22.81 | 3.31 |
| Dead+Wind 30 deg - Service | 49.24 | 4.14 | -7.19 | -676.39 | -390.50 | -1.51 |
| Dead+Wind 60 deg - Service | 49.24 | 7.12 | -4.13 | -405.12 | -657.35 | -7.73 |
| Dead+Wind 90 deg - Service | 49.24 | 8.40 | -0.01 | -36.75 | -768.74 | -12.02 |
| Dead+Wind 120 deg - Service | 49.24 | 7.30 | 4.22 | 339.34 | -668.74 | -10.53 |
| Dead+Wind 150 deg - Service | 49.24 | 3.75 | 6.54 | 558.78 | -361.93 | -6.06 |
| Dead+Wind 180 deg - Service | 49.24 | -0.01 | 7.70 | 661.76 | -20.12 | -3.31 |
| Dead+Wind 210 deg - Service | 49.24 | -4.14 | 7.19 | 605.58 | 347.57 | 1.51 |
| Dead+Wind 240 deg - Service | 49.24 | -7.66 | 4.45 | 355.87 | 651.77 | 7.73 |
| Dead+Wind 270 deg - Service | 49.24 | -8.40 | 0.01 | -34.06 | 725.82 | 12.02 |
| Dead+Wind 300 deg - Service | 49.24 | -6.76 | -3.91 | -388.59 | 588.48 | 10.53 |
| Dead+Wind 330 deg - Service | 49.24 | -3.75 | -6.54 | -629.59 | 319.00 | 6.06 |

# Solution Summary

| | Sum of Applied Forces | | | Sum of Reactions | | | |
|---|---|---|---|---|---|---|---|
| Load Comb. | PX | PY | PZ | PX | PY | PZ | % Error |
| | K | K | K | K | K | K | |
| 1 | 0.00 | -49.24 | 0.00 | 0.00 | 49.24 | 0.00 | 0.000% |
| 2 | 0.08 | -59.09 | -48.33 | -0.08 | 59.09 | 48.33 | 0.000% |
| 3 | 0.08 | -44.32 | -48.33 | -0.08 | 44.32 | 48.33 | 0.000% |
| 4 | 24.02 | -59.09 | -41.68 | -24.02 | 59.09 | 41.68 | 0.000% |
| 5 | 24.02 | -44.32 | -41.68 | -24.02 | 44.32 | 41.68 | 0.000% |
| 6 | 41.26 | -59.09 | -23.96 | -41.26 | 59.09 | 23.96 | 0.000% |
| 7 | 41.26 | -44.32 | -23.96 | -41.26 | 44.32 | 23.96 | 0.000% |
| 8 | 48.71 | -59.09 | -0.08 | -48.71 | 59.09 | 0.08 | 0.000% |
| 9 | 48.71 | -44.32 | -0.08 | -48.71 | 44.32 | 0.08 | 0.000% |
| 10 | 42.36 | -59.09 | 24.50 | -42.36 | 59.09 | -24.50 | 0.000% |
| 11 | 42.36 | -44.32 | 24.50 | -42.36 | 44.32 | -24.50 | 0.000% |
| 12 | 21.75 | -59.09 | 37.92 | -21.75 | 59.09 | -37.92 | 0.000% |
| 13 | 21.75 | -44.32 | 37.92 | -21.75 | 44.32 | -37.92 | 0.000% |
| 14 | -0.08 | -59.09 | 44.63 | 0.08 | 59.09 | -44.63 | 0.000% |

| Load Comb. | Sum of Applied Forces PX K | PY K | PZ K | Sum of Reactions PX K | PY K | PZ K | % Error |
|---|---|---|---|---|---|---|---|
| 15 | -0.08 | -44.32 | 44.63 | 0.08 | 44.32 | -44.63 | 0.000% |
| 16 | -24.02 | -59.09 | 41.68 | 24.02 | 59.09 | -41.68 | 0.000% |
| 17 | -24.02 | -44.32 | 41.68 | 24.02 | 44.32 | -41.68 | 0.000% |
| 18 | -44.46 | -59.09 | 25.81 | 44.46 | 59.09 | -25.81 | 0.000% |
| 19 | -44.46 | -44.32 | 25.81 | 44.46 | 44.32 | -25.81 | 0.000% |
| 20 | -48.71 | -59.09 | 0.08 | 48.71 | 59.09 | -0.08 | 0.000% |
| 21 | -48.71 | -44.32 | 0.08 | 48.71 | 44.32 | -0.08 | 0.000% |
| 22 | -39.16 | -59.09 | -22.65 | 39.16 | 59.09 | 22.65 | 0.000% |
| 23 | -39.16 | -44.32 | -22.65 | 39.16 | 44.32 | 22.65 | 0.000% |
| 24 | -21.75 | -59.09 | -37.92 | 21.75 | 59.09 | 37.92 | 0.000% |
| 25 | -21.75 | -44.32 | -37.92 | 21.75 | 44.32 | 37.92 | 0.000% |
| 26 | 0.00 | -156.19 | 0.00 | -0.00 | 156.19 | 0.00 | 0.000% |
| 27 | 0.02 | -156.19 | -11.24 | -0.02 | 156.19 | 11.24 | 0.000% |
| 28 | 5.72 | -156.19 | -9.90 | -5.72 | 156.19 | 9.90 | 0.000% |
| 29 | 10.03 | -156.19 | -5.82 | -10.03 | 156.19 | 5.82 | 0.000% |
| 30 | 11.48 | -156.19 | -0.02 | -11.48 | 156.19 | 0.02 | 0.000% |
| 31 | 9.77 | -156.19 | 5.64 | -9.77 | 156.19 | -5.64 | 0.000% |
| 32 | 5.35 | -156.19 | 9.32 | -5.35 | 156.19 | -9.32 | 0.000% |
| 33 | -0.02 | -156.19 | 10.87 | 0.02 | 156.19 | -10.87 | 0.000% |
| 34 | -5.72 | -156.19 | 9.90 | 5.72 | 156.19 | -9.90 | 0.000% |
| 35 | -10.35 | -156.19 | 6.00 | 10.35 | 156.19 | -6.00 | 0.000% |
| 36 | -11.48 | -156.19 | 0.02 | 11.48 | 156.19 | -0.02 | 0.000% |
| 37 | -9.46 | -156.19 | -5.46 | 9.46 | 156.19 | 5.46 | 0.000% |
| 38 | -5.35 | -156.19 | -9.32 | 5.35 | 156.19 | 9.32 | 0.000% |
| 39 | 0.01 | -49.24 | -8.33 | -0.01 | 49.24 | 8.33 | 0.000% |
| 40 | 4.14 | -49.24 | -7.19 | -4.14 | 49.24 | 7.19 | 0.000% |
| 41 | 7.12 | -49.24 | -4.13 | -7.12 | 49.24 | 4.13 | 0.000% |
| 42 | 8.40 | -49.24 | -0.01 | -8.40 | 49.24 | 0.01 | 0.000% |
| 43 | 7.30 | -49.24 | 4.22 | -7.30 | 49.24 | -4.22 | 0.000% |
| 44 | 3.75 | -49.24 | 6.54 | -3.75 | 49.24 | -6.54 | 0.000% |
| 45 | -0.01 | -49.24 | 7.70 | 0.01 | 49.24 | -7.70 | 0.000% |
| 46 | -4.14 | -49.24 | 7.19 | 4.14 | 49.24 | -7.19 | 0.000% |
| 47 | -7.66 | -49.24 | 4.45 | 7.66 | 49.24 | -4.45 | 0.000% |
| 48 | -8.40 | -49.24 | 0.01 | 8.40 | 49.24 | -0.01 | 0.000% |
| 49 | -6.76 | -49.24 | -3.91 | 6.76 | 49.24 | 3.91 | 0.000% |
| 50 | -3.75 | -49.24 | -6.54 | 3.75 | 49.24 | 6.54 | 0.000% |

## Maximum Tower Deflections - Service Wind

| Section No. | Elevation ft | Horz. Deflection in | Gov. Load Comb. | Tilt ° | Twist ° |
|---|---|---|---|---|---|
| T1 | 150 - 145 | 2.051 | 40 | 0.1160 | 0.0191 |
| T2 | 145 - 140 | 1.927 | 40 | 0.1157 | 0.0188 |
| T3 | 140 - 120 | 1.803 | 40 | 0.1144 | 0.0183 |
| T4 | 120 - 113.333 | 1.331 | 40 | 0.1041 | 0.0152 |
| T5 | 113.333 - 106.667 | 1.181 | 40 | 0.0989 | 0.0137 |
| T6 | 106.667 - 100 | 1.041 | 40 | 0.0927 | 0.0121 |
| T7 | 100 - 93.3333 | 0.913 | 40 | 0.0854 | 0.0112 |
| T8 | 93.3333 - 86.6667 | 0.791 | 40 | 0.0795 | 0.0097 |
| T9 | 86.6667 - 80 | 0.677 | 40 | 0.0729 | 0.0081 |
| T10 | 80 - 70 | 0.576 | 40 | 0.0656 | 0.0073 |
| T11 | 70 - 60 | 0.440 | 40 | 0.0577 | 0.0061 |
| T12 | 60 - 50 | 0.323 | 40 | 0.0491 | 0.0049 |
| T13 | 50 - 40 | 0.224 | 40 | 0.0398 | 0.0040 |
| T14 | 40 - 30 | 0.147 | 40 | 0.0301 | 0.0031 |
| T15 | 30 - 20 | 0.086 | 40 | 0.0229 | 0.0023 |
| T16 | 20 - 10 | 0.042 | 40 | 0.0155 | 0.0014 |
| T17 | 10 - 0 | 0.011 | 47 | 0.0078 | 0.0007 |

## Critical Deflections and Radius of Curvature - Service Wind

| Elevation ft | Appurtenance | Gov. Load Comb. | Deflection in | Tilt ° | Twist ° | Radius of Curvature ft |
|---|---|---|---|---|---|---|
| 150.00 | ANT150F2 | 40 | 2.051 | 0.1160 | 0.0191 | 210026 |
| 148.00 | LNX-6514DS-AIM w/ Mount Pipe | 40 | 2.001 | 0.1160 | 0.0190 | 210026 |
| 146.00 | WV-CW864 | 40 | 1.952 | 0.1158 | 0.0188 | 210026 |
| 135.00 | MX08FRO665-21 w/ Mount Pipe | 40 | 1.682 | 0.1125 | 0.0176 | 113632 |
| 126.00 | BCD-87010-EDIN-X | 40 | 1.469 | 0.1080 | 0.0163 | 149677 |
| 121.00 | Sector Mount [SM 502-3] | 40 | 1.354 | 0.1048 | 0.0154 | 152514 |
| 103.00 | APXVAARR24_43-U-NA20 w/ Mount Pipe | 40 | 0.970 | 0.0886 | 0.0116 | 62492 |
| 90.00 | ANT150F2 | 40 | 0.732 | 0.0764 | 0.0088 | 46029 |
| 83.00 | ANT150D3 | 40 | 0.620 | 0.0688 | 0.0076 | 48341 |
| 61.00 | BMOY8905 | 40 | 0.334 | 0.0500 | 0.0050 | 73826 |
| 50.00 | KS24019-L112A | 40 | 0.224 | 0.0398 | 0.0040 | 49188 |

## Maximum Tower Deflections - Design Wind

| Section No. | Elevation ft | Horz. Deflection in | Gov. Load Comb. | Tilt ° | Twist ° |
|---|---|---|---|---|---|
| T1 | 150 - 145 | 11.590 | 19 | 0.6406 | 0.1113 |
| T2 | 145 - 140 | 10.909 | 19 | 0.6394 | 0.1096 |
| T3 | 140 - 120 | 10.221 | 19 | 0.6339 | 0.1066 |
| T4 | 120 - 113.333 | 7.583 | 19 | 0.5822 | 0.0889 |
| T5 | 113.333 - 106.667 | 6.741 | 19 | 0.5545 | 0.0802 |
| T6 | 106.667 - 100 | 5.953 | 19 | 0.5208 | 0.0706 |
| T7 | 100 - 93.3333 | 5.228 | 19 | 0.4812 | 0.0654 |
| T8 | 93.3333 - 86.6667 | 4.535 | 19 | 0.4488 | 0.0564 |
| T9 | 86.6667 - 80 | 3.884 | 19 | 0.4126 | 0.0472 |
| T10 | 80 - 70 | 3.309 | 19 | 0.3719 | 0.0424 |
| T11 | 70 - 60 | 2.534 | 19 | 0.3274 | 0.0357 |
| T12 | 60 - 50 | 1.864 | 19 | 0.2792 | 0.0287 |
| T13 | 50 - 40 | 1.296 | 19 | 0.2267 | 0.0233 |
| T14 | 40 - 30 | 0.854 | 19 | 0.1719 | 0.0178 |
| T15 | 30 - 20 | 0.501 | 19 | 0.1310 | 0.0131 |
| T16 | 20 - 10 | 0.246 | 19 | 0.0890 | 0.0084 |
| T17 | 10 - 0 | 0.066 | 19 | 0.0448 | 0.0042 |

## Critical Deflections and Radius of Curvature - Design Wind

| Elevation ft | Appurtenance | Gov. Load Comb. | Deflection in | Tilt ° | Twist ° | Radius of Curvature ft |
|---|---|---|---|---|---|---|
| 150.00 | ANT150F2 | 19 | 11.590 | 0.6406 | 0.1113 | 43243 |
| 148.00 | LNX-6514DS-AIM w/ Mount Pipe | 19 | 11.318 | 0.6404 | 0.1107 | 43243 |
| 146.00 | WV-CW864 | 19 | 11.046 | 0.6399 | 0.1100 | 43243 |
| 135.00 | MX08FRO665-21 w/ Mount Pipe | 19 | 9.544 | 0.6253 | 0.1031 | 21570 |
| 126.00 | BCD-87010-EDIN-X | 19 | 8.357 | 0.6026 | 0.0953 | 31015 |
| 121.00 | Sector Mount [SM 502-3] | 19 | 7.711 | 0.5859 | 0.0900 | 32632 |
| 103.00 | APXVAARR24_43-U-NA20 w/ Mount Pipe | 19 | 5.548 | 0.4987 | 0.0677 | 11658 |
| 90.00 | ANT150F2 | 19 | 4.201 | 0.4317 | 0.0514 | 8158 |
| 83.00 | ANT150D3 | 19 | 3.560 | 0.3897 | 0.0442 | 8481 |
| 61.00 | BMOY8905 | 19 | 1.927 | 0.2843 | 0.0293 | 13004 |
| 50.00 | KS24019-L112A | 19 | 1.296 | 0.2267 | 0.0233 | 8721 |

# Bolt Design Data

| Section No. | Elevation ft | Component Type | Bolt Grade | Bolt Size in | Number Of Bolts | Maximum Load per Bolt K | Allowable Load per Bolt K | Ratio Load / Allowable | Allowable Ratio | Criteria |
|---|---|---|---|---|---|---|---|---|---|---|
| T1 | 150 | Diagonal | A325X | 0.5000 | 1 | 1.45 | 5.20 | 0.278 | 1.05 | Member Block Shear |
| | | Top Girt | A325X | 0.5000 | 1 | 0.29 | 6.20 | 0.046 | 1.05 | Member Bearing |
| T2 | 145 | Leg | A325X | 0.6250 | 4 | 0.88 | 20.34 | 0.043 | 1.05 | Bolt Tension |
| | | Diagonal | A325X | 0.5000 | 1 | 2.87 | 7.25 | 0.396 | 1.05 | Member Block Shear |
| T3 | 140 | Leg | A325X | 0.6250 | 4 | 5.72 | 20.34 | 0.281 | 1.05 | Bolt Tension |
| | | Diagonal | A325X | 0.5000 | 1 | 4.47 | 6.20 | 0.721 | 1.05 | Member Bearing |
| | | Top Girt | A325X | 0.5000 | 1 | 0.69 | 6.20 | 0.112 | 1.05 | Member Bearing |
| T4 | 120 | Diagonal | A325X | 0.5000 | 2 | 2.98 | 8.30 | 0.359 | 1.05 | Member Block Shear |
| T5 | 113.333 | Diagonal | A325X | 0.5000 | 2 | 3.00 | 8.30 | 0.361 | 1.05 | Member Block Shear |
| T6 | 106.667 | Leg | A325X | 0.7500 | 4 | 12.50 | 30.10 | 0.415 | 1.05 | Bolt Tension |
| | | Diagonal | A325N | 0.5000 | 1 | 7.21 | 12.40 | 0.581 | 1.05 | Member Bearing |
| | | Secondary Horizontal | A325N | 0.6250 | 1 | 1.18 | 6.83 | 0.173 | 1.05 | Member Block Shear |
| T7 | 100 | Diagonal | A325N | 0.5000 | 2 | 3.82 | 8.32 | 0.459 | 1.05 | Member Bearing |
| T8 | 93.3333 | Diagonal | A325N | 0.5000 | 2 | 3.79 | 8.32 | 0.456 | 1.05 | Member Bearing |
| | | Secondary Horizontal | A325N | 0.6250 | 1 | 1.51 | 6.83 | 0.220 | 1.05 | Member Block Shear |
| T9 | 86.6667 | Leg | A325X | 0.8750 | 4 | 20.48 | 41.56 | 0.493 | 1.05 | Bolt Tension |
| | | Diagonal | A325N | 0.5000 | 1 | 7.95 | 12.40 | 0.642 | 1.05 | Member Bearing |
| | | Secondary Horizontal | A325N | 0.6250 | 1 | 1.72 | 6.83 | 0.252 | 1.05 | Member Block Shear |
| T10 | 80 | Diagonal | A325N | 0.6250 | 1 | 9.20 | 13.92 | 0.661 | 1.05 | Gusset Bearing |
| T11 | 70 | Leg | A325X | 0.8750 | 4 | 27.71 | 41.56 | 0.667 | 1.05 | Bolt Tension |
| | | Diagonal | A325N | 0.6250 | 1 | 9.22 | 13.92 | 0.663 | 1.05 | Gusset Bearing |
| | | Secondary Horizontal | A325N | 0.6250 | 1 | 2.29 | 7.83 | 0.293 | 1.05 | Member Bearing |
| T12 | 60 | Diagonal | A325N | 0.6250 | 1 | 9.36 | 13.92 | 0.672 | 1.05 | Gusset Bearing |
| | | Secondary Horizontal | A325N | 0.5000 | 1 | 2.61 | 8.84 | 0.295 | 1.05 | Bolt Shear |
| T13 | 50 | Leg | A325X | 1.0000 | 4 | 35.17 | 54.52 | 0.645 | 1.05 | Bolt Tension |
| | | Diagonal | A325N | 0.6250 | 1 | 9.62 | 20.88 | 0.461 | 1.05 | Member Bearing |
| | | Secondary Horizontal | A325N | 0.5000 | 1 | 2.91 | 8.84 | 0.329 | 1.05 | Bolt Shear |
| T14 | 40 | Diagonal | A325N | 0.6250 | 1 | 10.55 | 20.88 | 0.505 | 1.05 | Member Bearing |
| T15 | 30 | Leg | A325X | 1.0625 | 4 | 42.31 | 60.26 | 0.702 | 1.05 | Bolt Tension |
| | | Diagonal | A325N | 0.6250 | 1 | 10.23 | 20.88 | 0.490 | 1.05 | Member Bearing |
| | | Secondary Horizontal | A325N | 0.6250 | 1 | 3.52 | 7.83 | 0.449 | 1.05 | Member Bearing |
| T16 | 20 | Diagonal | A325N | 0.6250 | 1 | 10.94 | 20.88 | 0.524 | 1.05 | Member Bearing |
| | | Secondary Horizontal | A325N | 0.6250 | 1 | 3.83 | 7.83 | 0.490 | 1.05 | Member Bearing |
| T17 | 10 | Diagonal | A325N | 0.6250 | 1 | 11.06 | 20.88 | 0.530 | 1.05 | Member Bearing |
| | | Secondary Horizontal | A325N | 0.6250 | 1 | 4.13 | 10.44 | 0.395 | 1.05 | Member Bearing |

# Compression Checks

## Leg Design Data (Compression)

| Section No. | Elevation | Size | L | $L_u$ | Kl/r | A | $P_u$ | $\phi P_n$ | Ratio $\frac{P_u}{\phi P_n}$ |
|---|---|---|---|---|---|---|---|---|---|
| | ft | | ft | ft | | $in^2$ | K | K | |
| T1 | 150 - 145 | ROHN 2.5 STD | 5.00 | 5.00 | 63.3 K=1.00 | 1.7040 | -6.58 | 57.19 | 0.115 [1] |
| T2 | 145 - 140 | ROHN 2.5 STD | 5.00 | 5.00 | 63.3 K=1.00 | 1.7040 | -8.22 | 57.19 | 0.144 [1] |
| T3 | 140 - 120 | ROHN 2.5 EH | 20.03 | 6.68 | 86.7 K=1.00 | 2.2535 | -31.56 | 58.52 | 0.539 [1] |
| T4 | 120 - 113.333 | ROHN 2.5 EH (GR) | 6.68 | 6.68 | 86.7 K=1.00 | 2.2535 | -41.09 | 65.35 | 0.629 [1] |
| T5 | 113.333 - 106.667 | ROHN 2.5 EH (GR) | 6.68 | 6.68 | 86.7 K=1.00 | 2.2535 | -52.04 | 65.35 | 0.796 [1] |
| T6 | 106.667 - 100 | ROHN 2.5 EH (GR) | 6.68 | 3.43 | 44.6 K=1.00 | 2.2535 | -62.97 | 102.38 | 0.615 [1] |
| T7 | 100 - 93.3333 | ROHN 3 EH (GR) | 6.68 | 6.68 | 70.5 K=1.00 | 3.0159 | -75.44 | 110.51 | 0.683 [1] |
| T8 | 93.3333 - 86.6667 | ROHN 3 EH (GR) | 6.68 | 3.42 | 36.2 K=1.00 | 3.0159 | -86.81 | 149.39 | 0.581 [1] |
| T9 | 86.6667 - 80 | ROHN 3 EH (GR) | 6.68 | 3.42 | 36.1 K=1.00 | 3.0159 | -99.08 | 149.43 | 0.663 [1] |
| T10 | 80 - 70 | ROHN 4 EH (GR) | 10.02 | 10.02 | 81.4 K=1.00 | 4.4074 | -114.51 | 145.74 | 0.786 [1] |
| T11 | 70 - 60 | ROHN 4 EH (GR) | 10.02 | 5.16 | 42.0 K=1.00 | 4.4074 | -132.24 | 219.00 | 0.604 [1] |
| T12 | 60 - 50 | ROHN 4 EH (GR) | 10.02 | 5.16 | 41.9 K=1.00 | 4.4074 | -150.28 | 219.04 | 0.686 [1] |
| T13 | 50 - 40 | ROHN 4 EH (GR) | 10.02 | 5.15 | 41.9 K=1.00 | 4.4074 | -167.80 | 219.15 | 0.766 [1] |
| T14 | 40 - 30 | ROHN 5 EH (GR) | 10.02 | 10.02 | 65.4 K=1.00 | 6.1120 | -186.13 | 253.87 | 0.733 [1] |
| T15 | 30 - 20 | ROHN 5 EH (GR) | 10.02 | 5.13 | 33.5 K=1.00 | 6.1120 | -202.87 | 331.76 | 0.612 [1] |
| T16 | 20 - 10 | ROHN 5 EH (GR) | 10.02 | 5.13 | 33.4 K=1.00 | 6.1120 | -221.11 | 331.84 | 0.666 [1] |
| T17 | 10 - 0 | ROHN 5 EH (GR) | 10.02 | 5.12 | 33.4 K=1.00 | 6.1120 | -238.02 | 331.90 | 0.717 [1] |

[1] $P_u$ / $\phi P_n$ controls

## Diagonal Design Data (Compression)

| Section No. | Elevation | Size | L | $L_u$ | Kl/r | A | $P_u$ | $\phi P_n$ | Ratio $\frac{P_u}{\phi P_n}$ |
|---|---|---|---|---|---|---|---|---|---|
| | ft | | ft | ft | | $in^2$ | K | K | |
| T1 | 150 - 145 | L1 1/2x1 1/2x3/16 | 9.92 | 4.71 | 192.9 K=1.00 | 0.5273 | -1.41 | 4.06 | 0.348 [1] |
| T2 | 145 - 140 | L2x2x3/16 | 9.92 | 4.70 | 143.3 K=1.00 | 0.7150 | -2.94 | 9.97 | 0.295 [1] |
| T3 | 140 - 120 | L2 1/2x2 1/2x3/16 | 12.21 | 6.06 | 146.8 K=1.00 | 0.9020 | -4.69 | 11.97 | 0.392 [1] |
| T4 | 120 - 113.333 | L2 1/2x2 1/2x3/16 | 12.78 | 6.28 | 144.7 K=0.95 | 0.9020 | -6.09 | 12.34 | 0.494 [1] |
| T5 | 113.333 - 106.667 | L2 1/2x2 1/2x3/16 | 13.37 | 6.58 | 150.1 K=0.94 | 0.9020 | -5.97 | 11.47 | 0.520 [1] |
| T6 | 106.667 - 100 | L2 1/2x2 1/2x3/16x3/16 | 13.96 | 6.93 | 112.7 K=1.00 | 1.8047 | -7.59 | 36.74 | 0.207 [1] |
| T7 | 100 - 93.3333 | 2L 'a' > 39.6784 in - 72 L3x3x3/16 | 14.57 | 7.15 | 138.3 K=0.96 | 1.0900 | -7.52 | 16.31 | 0.461 [1] |

| Section No. | Elevation ft | Size | L ft | $L_u$ ft | Kl/r | A $in^2$ | $P_u$ K | $\phi P_n$ K | Ratio $\frac{P_u}{\phi P_n}$ |
|---|---|---|---|---|---|---|---|---|---|
| T8 | 93.3333 - 86.6667 | L3x3x3/16 | 15.19 | 7.46 | 143.1 K=0.95 | 1.0900 | -7.97 | 15.24 | 0.523 [1] |
| T9 | 86.6667 - 80 | 2L3x3x3/16x1/4 | 15.82 | 7.84 | 105.9 K=1.00 | 2.1797 | -8.18 | 45.29 | 0.181 [1] |
| T10 | 80 - 70 | 2L 'a' > 44.7872 in - 105 2L3x3x3/16x1/4 | 18.20 | 9.05 | 122.3 K=1.00 | 2.1797 | -9.22 | 37.33 | 0.247 [1] |
| T11 | 70 - 60 | 2L 'a' > 51.7204 in - 117 2L3x3x3/16x1/4 | 19.04 | 9.47 | 127.9 K=1.00 | 2.1797 | -10.04 | 34.22 | 0.293 [1] |
| T12 | 60 - 50 | 2L 'a' > 54.1213 in - 126 2L3x3x1/4x1/4 | 19.91 | 9.92 | 134.0 K=1.00 | 2.8750 | -10.15 | 43.95 | 0.231 [1] |
| T13 | 50 - 40 | 2L 'a' > 56.8408 in - 138 2L3x3x1/4x1/4 | 20.81 | 10.37 | 140.1 K=1.00 | 2.8750 | -10.60 | 40.38 | 0.262 [1] |
| T14 | 40 - 30 | 2L 'a' > 59.4205 in - 150 2L3 1/2x3 1/2x1/4x1/4 | 21.72 | 10.76 | 125.1 K=1.00 | 3.3750 | -10.25 | 57.19 | 0.179 [1] |
| T15 | 30 - 20 | 2L 'a' > 61.5464 in - 162 2L3 1/2x3 1/2x1/4x1/4 | 22.61 | 11.21 | 130.3 K=1.00 | 3.3750 | -11.71 | 53.27 | 0.220 [1] |
| T16 | 20 - 10 | 2L 'a' > 64.1103 in - 171 2L4x4x1/4x1/4 | 23.52 | 11.66 | 119.0 K=1.00 | 3.8750 | -11.38 | 69.52 | 0.164 [1] |
| T17 | 10 - 0 | 2L 'a' > 66.6062 in - 183 2L4x4x1/4x1/4 2L 'a' > 69.2011 in - 195 | 24.42 | 12.11 | 123.6 K=1.00 | 3.8750 | -12.87 | 65.16 | 0.198 [1] |

[1] $P_u$ / $\phi P_n$ controls

## Secondary Horizontal Design Data (Compression)

| Section No. | Elevation ft | Size | L ft | $L_u$ ft | Kl/r | A $in^2$ | $P_u$ K | $\phi P_n$ K | Ratio $\frac{P_u}{\phi P_n}$ |
|---|---|---|---|---|---|---|---|---|---|
| T6 | 106.667 - 100 | L2x2x3/16 | 12.25 | 5.89 | 179.3 K=1.00 | 0.7150 | -1.24 | 6.36 | 0.194 [1] |
| T8 | 93.3333 - 86.6667 | L2x2x3/16 | 13.64 | 6.56 | 199.7 K=1.00 | 0.7150 | -1.51 | 5.13 | 0.293 [1] |
| T9 | 86.6667 - 80 | L2x2x3/16 | 14.34 | 6.90 | 210.3 K=1.00 | 0.7150 | -1.72 | 4.63 | 0.371 [1] |
| T11 | 70 - 60 | L2 1/2x2 1/2x3/16 | 16.18 | 7.78 | 188.7 K=1.00 | 0.9020 | -2.29 | 7.25 | 0.316 [1] |
| T12 | 60 - 50 | L3x3x1/4 | 17.20 | 8.27 | 167.6 K=1.00 | 1.4400 | -2.61 | 14.68 | 0.178 [1] |
| T13 | 50 - 40 | L3x3x1/4 | 18.24 | 8.79 | 178.1 K=1.00 | 1.4400 | -2.91 | 13.00 | 0.224 [1] |
| T15 | 30 - 20 | L3x3x3/16 | 20.27 | 9.78 | 196.9 K=1.00 | 1.0900 | -3.52 | 8.04 | 0.437 [1] |
| T16 | 20 - 10 | L3x3x3/16 | 21.27 | 10.28 | 207.0 K=1.00 | 1.0900 | -3.83 | 7.28 | 0.527 [1] |
| T17 | 10 - 0 | L3 1/2x3 1/2x1/4 | 22.27 | 10.78 | 186.5 K=1.00 | 1.6900 | -4.13 | 13.91 | 0.297 [1] |

[1] $P_u$ / $\phi P_n$ controls

# Top Girt Design Data (Compression)

| Section No. | Elevation | Size | L | $L_u$ | Kl/r | A | $P_u$ | $\phi P_n$ | Ratio $\frac{P_u}{\phi P_n}$ |
|---|---|---|---|---|---|---|---|---|---|
| | ft | | ft | ft | | $in^2$ | K | K | |
| T1 | 150 - 145 | L2 1/2x2 1/2x3/16 | 8.56 | 8.11 | 196.7 K=1.00 | 0.9020 | -0.34 | 6.67 | 0.051 [1] |
| T3 | 140 - 120 | L2 1/2x2 1/2x3/16 | 8.56 | 8.11 | 196.7 K=1.00 | 0.9020 | -0.66 | 6.67 | 0.099 [1] |

[1] $P_u$ / $\phi P_n$ controls

# *Tension Checks*

# Leg Design Data (Tension)

| Section No. | Elevation | Size | L | $L_u$ | Kl/r | A | $P_u$ | $\phi P_n$ | Ratio $\frac{P_u}{\phi P_n}$ |
|---|---|---|---|---|---|---|---|---|---|
| | ft | | ft | ft | | $in^2$ | K | K | |
| T1 | 150 - 145 | ROHN 2.5 STD | 5.00 | 5.00 | 63.3 | 1.7040 | 0.84 | 76.68 | 0.011 [1] |
| T2 | 145 - 140 | ROHN 2.5 STD | 5.00 | 5.00 | 63.3 | 1.7040 | 3.53 | 76.68 | 0.046 [1] |
| T3 | 140 - 120 | ROHN 2.5 EH | 20.03 | 6.68 | 86.7 | 2.2535 | 22.88 | 101.41 | 0.226 [1] |
| T4 | 120 - 113.333 | ROHN 2.5 EH (GR) | 6.68 | 6.68 | 86.7 | 2.2535 | 31.01 | 101.41 | 0.306 [1] |
| T5 | 113.333 - 106.667 | ROHN 2.5 EH (GR) | 6.68 | 6.68 | 86.7 | 2.2535 | 41.20 | 101.41 | 0.406 [1] |
| T6 | 106.667 - 100 | ROHN 2.5 EH (GR) | 6.68 | 3.25 | 42.2 | 2.2535 | 50.07 | 101.41 | 0.494 [1] |
| T7 | 100 - 93.3333 | ROHN 3 EH (GR) | 6.68 | 6.68 | 70.5 | 3.0159 | 60.36 | 135.72 | 0.445 [1] |
| T8 | 93.3333 - 86.6667 | ROHN 3 EH (GR) | 6.68 | 3.25 | 34.4 | 3.0159 | 71.11 | 135.72 | 0.524 [1] |
| T9 | 86.6667 - 80 | ROHN 3 EH (GR) | 6.68 | 3.42 | 36.1 | 3.0159 | 81.93 | 135.72 | 0.604 [1] |
| T10 | 80 - 70 | ROHN 4 EH (GR) | 10.02 | 10.02 | 81.4 | 4.4074 | 95.29 | 198.34 | 0.480 [1] |
| T11 | 70 - 60 | ROHN 4 EH (GR) | 10.02 | 4.85 | 39.4 | 4.4074 | 110.92 | 198.34 | 0.559 [1] |
| T12 | 60 - 50 | ROHN 4 EH (GR) | 10.02 | 4.86 | 39.5 | 4.4074 | 126.15 | 198.34 | 0.636 [1] |
| T13 | 50 - 40 | ROHN 4 EH (GR) | 10.02 | 4.87 | 39.5 | 4.4074 | 140.79 | 198.34 | 0.710 [1] |
| T14 | 40 - 30 | ROHN 5 EH (GR) | 10.02 | 10.02 | 65.4 | 6.1120 | 155.72 | 275.04 | 0.566 [1] |
| T15 | 30 - 20 | ROHN 5 EH (GR) | 10.02 | 4.88 | 31.9 | 6.1120 | 169.41 | 275.04 | 0.616 [1] |
| T16 | 20 - 10 | ROHN 5 EH (GR) | 10.02 | 4.89 | 31.9 | 6.1120 | 183.72 | 275.04 | 0.668 [1] |
| T17 | 10 - 0 | ROHN 5 EH (GR) | 10.02 | 4.90 | 31.9 | 6.1120 | 196.97 | 275.04 | 0.716 [1] |

[1] $P_u$ / $\phi P_n$ controls

# Diagonal Design Data (Tension)

| Section No. | Elevation | Size | L | $L_u$ | Kl/r | A | $P_u$ | $\phi P_n$ | Ratio $\frac{P_u}{\phi P_n}$ |
|---|---|---|---|---|---|---|---|---|---|
| | ft | | ft | ft | | $in^2$ | K | K | |
| T1 | 150 - 145 | L1 1/2x1 1/2x3/16 | 9.92 | 4.71 | 126.6 | 0.3076 | 1.45 | 13.38 | 0.108 [1] |
| T2 | 145 - 140 | L2x2x3/16 | 9.92 | 4.70 | 93.7 | 0.4484 | 2.87 | 19.50 | 0.147 [1] |
| T3 | 140 - 120 | L2 1/2x2 1/2x3/16 | 12.21 | 6.06 | 95.0 | 0.5886 | 4.47 | 25.60 | 0.175 [1] |
| T4 | 120 - 113.333 | L2 1/2x2 1/2x3/16 | 12.78 | 6.28 | 99.5 | 0.5886 | 5.96 | 25.60 | 0.233 [1] |
| T5 | 113.333 - 106.667 | L2 1/2x2 1/2x3/16 | 13.37 | 6.58 | 104.0 | 0.5886 | 6.00 | 25.60 | 0.234 [1] |
| T6 | 106.667 - 100 | L2 1/2x2 1/2x3/16x3/16 2L 'a' > 39.6784 in - 71 | 13.96 | 6.93 | 108.5 | 1.1777 | 7.21 | 51.23 | 0.141 [1] |
| T7 | 100 - 93.3333 | L3x3x3/16 | 14.57 | 7.15 | 93.5 | 0.7296 | 7.64 | 31.74 | 0.241 [1] |
| T8 | 93.3333 - 86.6667 | L3x3x3/16 | 15.19 | 7.46 | 97.5 | 0.7296 | 7.58 | 31.74 | 0.239 [1] |
| T9 | 86.6667 - 80 | 2L3x3x3/16x1/4 2L 'a' > 44.7872 in - 104 | 15.82 | 7.84 | 101.5 | 1.4590 | 7.95 | 63.47 | 0.125 [1] |
| T10 | 80 - 70 | 2L3x3x3/16x1/4 2L 'a' > 51.7204 in - 116 | 18.20 | 9.05 | 117.2 | 1.4238 | 9.20 | 61.94 | 0.149 [1] |
| T11 | 70 - 60 | 2L3x3x3/16x1/4 2L 'a' > 54.1213 in - 125 | 19.04 | 9.47 | 122.5 | 1.4238 | 9.22 | 61.94 | 0.149 [1] |
| T12 | 60 - 50 | 2L3x3x1/4x1/4 2L 'a' > 56.8408 in - 137 | 19.91 | 9.92 | 129.5 | 1.8750 | 9.36 | 81.56 | 0.115 [1] |
| T13 | 50 - 40 | 2L3x3x1/4x1/4 | 20.81 | 10.37 | 135.3 | 1.8750 | 9.62 | 81.56 | 0.118 [1] |

| Section No. | Elevation ft | Size | L ft | $L_u$ ft | Kl/r | A $in^2$ | $P_u$ K | $\phi P_n$ K | Ratio $\frac{P_u}{\phi P_n}$ |
|---|---|---|---|---|---|---|---|---|---|
| T14 | 40 - 30 | 2L 'a' > 59.4205 in - 149<br>2L3 1/2x3 1/2x1/4x1/4 | 21.72 | 10.76 | 119.6 | 2.2500 | 10.55 | 97.88 | 0.108 [1] |
| T15 | 30 - 20 | 2L 'a' > 61.5464 in - 161<br>2L3 1/2x3 1/2x1/4x1/4 | 22.61 | 11.21 | 124.6 | 2.2500 | 10.23 | 97.88 | 0.105 [1] |
| T16 | 20 - 10 | 2L 'a' > 64.1103 in - 170<br>2L4x4x1/4x1/4 | 23.52 | 11.66 | 112.8 | 2.6250 | 10.94 | 114.19 | 0.096 [1] |
| T17 | 10 - 0 | 2L 'a' > 66.6062 in - 182<br>2L4x4x1/4x1/4<br>2L 'a' > 69.2011 in - 195 | 24.42 | 12.11 | 117.2 | 2.6250 | 11.06 | 114.19 | 0.097 [1] |

[1] $P_u$ / $\phi P_n$ controls

## Secondary Horizontal Design Data (Tension)

| Section No. | Elevation ft | Size | L ft | $L_u$ ft | Kl/r | A $in^2$ | $P_u$ K | $\phi P_n$ K | Ratio $\frac{P_u}{\phi P_n}$ |
|---|---|---|---|---|---|---|---|---|---|
| T6 | 106.667 - 100 | L2x2x3/16 | 12.25 | 5.89 | 233.7 | 0.4308 | 1.18 | 18.74 | 0.063 [1] |
| T8 | 93.3333 - 86.6667 | L2x2x3/16 | 13.64 | 6.56 | 259.7 | 0.4308 | 1.51 | 18.74 | 0.080 [1] |
| T9 | 86.6667 - 80 | L2x2x3/16 | 14.34 | 6.90 | 273.2 | 0.4308 | 1.72 | 18.74 | 0.092 [1] |
| T11 | 70 - 60 | L2 1/2x2 1/2x3/16 | 16.18 | 7.78 | 243.8 | 0.5710 | 2.29 | 24.84 | 0.092 [1] |
| T12 | 60 - 50 | L3x3x1/4 | 17.20 | 8.27 | 217.1 | 0.9628 | 2.61 | 41.88 | 0.062 [1] |
| T13 | 50 - 40 | L3x3x1/4 | 18.24 | 8.79 | 230.5 | 0.9628 | 2.91 | 41.88 | 0.069 [1] |
| T15 | 30 - 20 | L3x3x3/16 | 20.27 | 9.78 | 253.1 | 0.7120 | 3.52 | 30.97 | 0.114 [1] |
| T16 | 20 - 10 | L3x3x3/16 | 21.27 | 10.28 | 265.9 | 0.7120 | 3.83 | 30.97 | 0.124 [1] |
| T17 | 10 - 0 | L3 1/2x3 1/2x1/4 | 22.27 | 10.78 | 240.1 | 1.1269 | 4.13 | 49.02 | 0.084 [1] |

[1] $P_u$ / $\phi P_n$ controls

## Top Girt Design Data (Tension)

| Section No. | Elevation ft | Size | L ft | $L_u$ ft | Kl/r | A $in^2$ | $P_u$ K | $\phi P_n$ K | Ratio $\frac{P_u}{\phi P_n}$ |
|---|---|---|---|---|---|---|---|---|---|
| T1 | 150 - 145 | L2 1/2x2 1/2x3/16 | 8.56 | 8.11 | 128.4 | 0.5886 | 0.29 | 25.60 | 0.011 [1] |
| T3 | 140 - 120 | L2 1/2x2 1/2x3/16 | 8.56 | 8.11 | 128.4 | 0.5886 | 0.69 | 25.60 | 0.027 [1] |

[1] $P_u$ / $\phi P_n$ controls

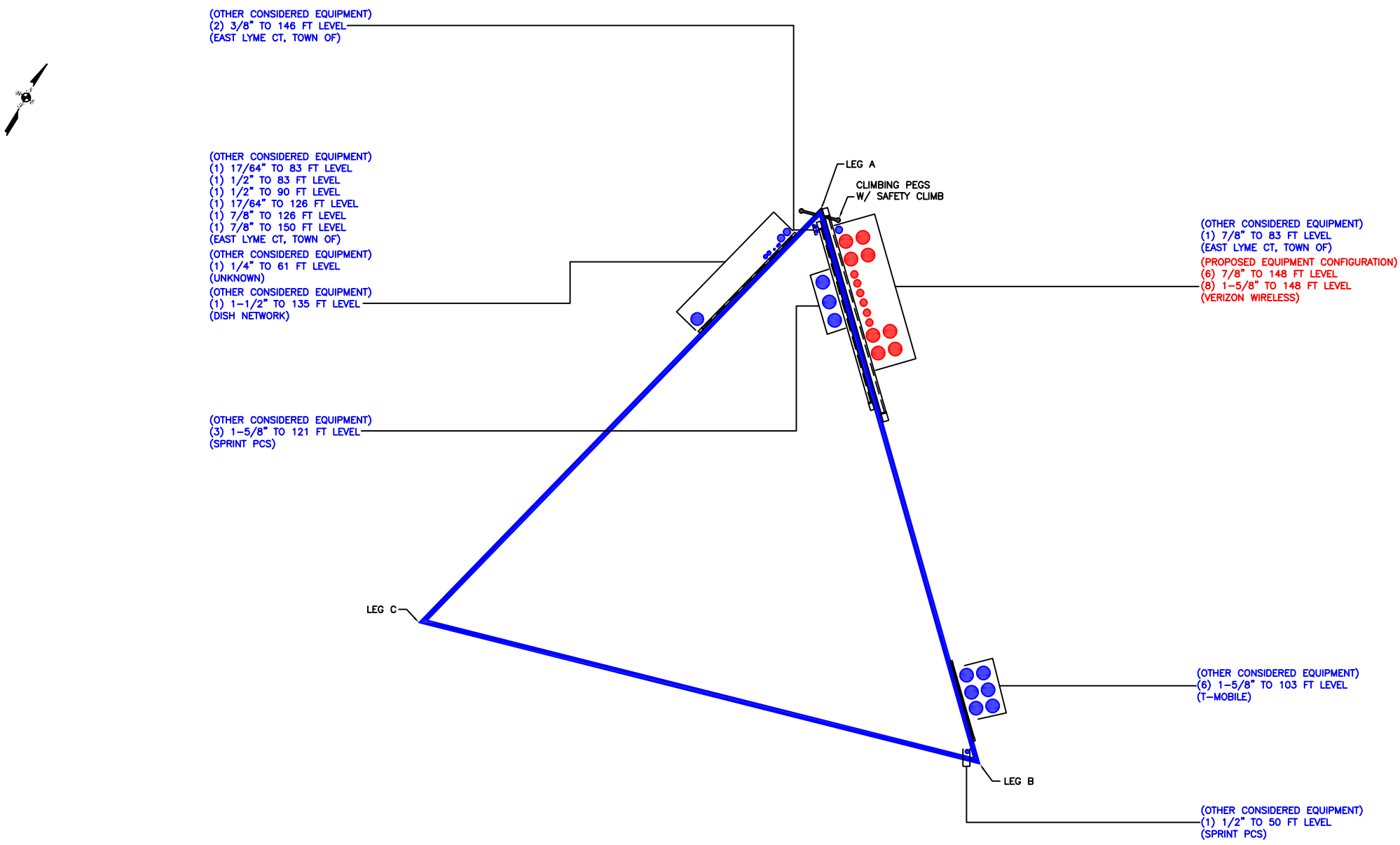
## Section Capacity Table

| Section No. | Elevation ft | Component Type | Size | Critical Element | P K | $\phi P_{allow}$ K | % Capacity | Pass Fail |
|---|---|---|---|---|---|---|---|---|
| T1 | 150 - 145 | Leg | ROHN 2.5 STD | 3 | -6.58 | 60.05 | 11.0 | Pass |
| T2 | 145 - 140 | Leg | ROHN 2.5 STD | 15 | -8.22 | 60.05 | 13.7 | Pass |
| T3 | 140 - 120 | Leg | ROHN 2.5 EH | 24 | -31.56 | 61.44 | 51.4 | Pass |
| T4 | 120 - 113.333 | Leg | ROHN 2.5 EH (GR) | 48 | -41.09 | 68.62 | 59.9 | Pass |
| T5 | 113.333 - 106.667 | Leg | ROHN 2.5 EH (GR) | 57 | -52.04 | 68.62 | 75.8 | Pass |
| T6 | 106.667 - 100 | Leg | ROHN 2.5 EH (GR) | 66 | -62.97 | 107.50 | 58.6 | Pass |
| T7 | 100 - 93.3333 | Leg | ROHN 3 EH (GR) | 78 | -75.44 | 116.03 | 65.0 | Pass |
| T8 | 93.3333 - 86.6667 | Leg | ROHN 3 EH (GR) | 87 | -86.81 | 156.86 | 55.3 | Pass |
| T9 | 86.6667 - 80 | Leg | ROHN 3 EH (GR) | 97 | -99.08 | 156.90 | 63.2 | Pass |
| T10 | 80 - 70 | Leg | ROHN 4 EH (GR) | 109 | -114.51 | 153.02 | 74.8 | Pass |
| T11 | 70 - 60 | Leg | ROHN 4 EH (GR) | 118 | -132.24 | 229.95 | 57.5 | Pass |
| T12 | 60 - 50 | Leg | ROHN 4 EH (GR) | 130 | -150.28 | 229.99 | 65.3 | Pass |
| T13 | 50 - 40 | Leg | ROHN 4 EH (GR) | 142 | -167.80 | 230.11 | 72.9 | Pass |
| T14 | 40 - 30 | Leg | ROHN 5 EH (GR) | 154 | -186.13 | 266.56 | 69.8 | Pass |
| T15 | 30 - 20 | Leg | ROHN 5 EH (GR) | 163 | 169.41 | 288.79 | 58.7 | Pass |
| T16 | 20 - 10 | Leg | ROHN 5 EH (GR) | 175 | 183.72 | 288.79 | 63.6 | Pass |
| T17 | 10 - 0 | Leg | ROHN 5 EH (GR) | 187 | -238.02 | 348.50 | 68.3 | Pass |

| Section No. | Elevation ft | Component Type | Size | Critical Element | P K | $\phi P_{allow}$ K | % Capacity | Pass Fail |
|---|---|---|---|---|---|---|---|---|
| T1 | 150 - 145 | Diagonal | L1 1/2x1 1/2x3/16 | 9 | -1.41 | 4.26 | 33.1 | Pass |
| T2 | 145 - 140 | Diagonal | L2x2x3/16 | 19 | -2.94 | 10.47 | 28.1 | Pass |
| T3 | 140 - 120 | Diagonal | L2 1/2x2 1/2x3/16 | 33 | -4.69 | 12.57 | 37.3 | Pass |
| T4 | 120 - 113.333 | Diagonal | L2 1/2x2 1/2x3/16 | 54 | -6.09 | 12.95 | 47.0 | Pass |
| T5 | 113.333 - 106.667 | Diagonal | L2 1/2x2 1/2x3/16 | 63 | -5.97 | 12.04 | 49.6 | Pass |
| T6 | 106.667 - 100 | Diagonal | L2 1/2x2 1/2x3/16x3/16 | 72 | -7.59 | 38.58 | 19.7 | Pass |
| T7 | 100 - 93.3333 | Diagonal | L3x3x3/16 | 84 | -7.52 | 17.13 | 43.9 | Pass |
| T8 | 93.3333 - 86.6667 | Diagonal | L3x3x3/16 | 93 | -7.97 | 16.00 | 49.8 | Pass |
| T9 | 86.6667 - 80 | Diagonal | 2L3x3x3/16x1/4 | 105 | -8.18 | 47.56 | 17.2 | Pass |
| T10 | 80 - 70 | Diagonal | 2L3x3x3/16x1/4 | 117 | -9.22 | 39.20 | 23.5 | Pass |
| T11 | 70 - 60 | Diagonal | 2L3x3x3/16x1/4 | 126 | -10.04 | 35.93 | 27.9 | Pass |
| T12 | 60 - 50 | Diagonal | 2L3x3x1/4x1/4 | 138 | -10.15 | 46.14 | 22.0 | Pass |
| T13 | 50 - 40 | Diagonal | 2L3x3x1/4x1/4 | 150 | -10.60 | 42.40 | 25.0 | Pass |
| T14 | 40 - 30 | Diagonal | 2L3 1/2x3 1/2x1/4x1/4 | 162 | -10.25 | 60.05 | 17.1 | Pass |
| T15 | 30 - 20 | Diagonal | 2L3 1/2x3 1/2x1/4x1/4 | 171 | -11.71 | 55.93 | 20.9 | Pass |
| T16 | 20 - 10 | Diagonal | 2L4x4x1/4x1/4 | 183 | -11.38 | 73.00 | 15.6 | Pass |
| T17 | 10 - 0 | Diagonal | 2L4x4x1/4x1/4 | 195 | -12.87 | 68.42 | 18.8 | Pass |
| T6 | 106.667 - 100 | Secondary Horizontal | L2x2x3/16 | 74 | -1.24 | 6.68 | 18.5 | Pass |
| T8 | 93.3333 - 86.6667 | Secondary Horizontal | L2x2x3/16 | 95 | -1.51 | 5.39 | 27.9 | Pass |
| T9 | 86.6667 - 80 | Secondary Horizontal | L2x2x3/16 | 108 | -1.72 | 4.86 | 35.4 | Pass |
| T11 | 70 - 60 | Secondary Horizontal | L2 1/2x2 1/2x3/16 | 129 | -2.29 | 7.61 | 30.1 | Pass |
| T12 | 60 - 50 | Secondary Horizontal | L3x3x1/4 | 141 | -2.61 | 15.41 | 16.9 | Pass |
| T13 | 50 - 40 | Secondary Horizontal | L3x3x1/4 | 153 | -2.91 | 13.65 | 21.3 | Pass |
| T15 | 30 - 20 | Secondary Horizontal | L3x3x3/16 | 174 | -3.52 | 8.45 | 41.7 | Pass |
| T16 | 20 - 10 | Secondary Horizontal | L3x3x3/16 | 186 | -3.83 | 7.64 | 50.2 | Pass |
| T17 | 10 - 0 | Secondary Horizontal | L3 1/2x3 1/2x1/4 | 198 | -4.13 | 14.61 | 28.3 | Pass |
| T1 | 150 - 145 | Top Girt | L2 1/2x2 1/2x3/16 | 4 | -0.34 | 7.01 | 4.9 | Pass |
| T3 | 140 - 120 | Top Girt | L2 1/2x2 1/2x3/16 | 25 | -0.66 | 7.01 | 9.5 | Pass |
| | | | | | | Summary | | |
| | | | | | | Leg (T5) | 75.8 | Pass |
| | | | | | | Diagonal (T8) | 49.8 | Pass |
| | | | | | | Secondary Horizontal (T16) | 50.2 | Pass |
| | | | | | | Top Girt (T3) | 9.5 | Pass |
| | | | | | | Bolt Checks | 68.7 | Pass |
| | | | | | | **RATING =** | **75.8** | **Pass** |

## APPENDIX B

## BASE LEVEL DRAWING


(OTHER CONSIDERED EQUIPMENT)
(2) 3/8" TO 146 FT LEVEL
(EAST LYME CT, TOWN OF)
(OTHER CONSIDERED EQUIPMENT)
(1) 17/64" TO 83 FT LEVEL
(1) 1/2" TO 83 FT LEVEL
(1) 1/2" TO 90 FT LEVEL
(1) 17/64" TO 126 FT LEVEL
(1) 7/8" TO 126 FT LEVEL
(1) 7/8" TO 150 FT LEVEL
(EAST LYME CT, TOWN OF)
(OTHER CONSIDERED EQUIPMENT)
(1) 1/4" TO 61 FT LEVEL
(UNKNOWN)
(OTHER CONSIDERED EQUIPMENT)
(1) 1-1/2" TO 135 FT LEVEL
(DISH NETWORK)
(OTHER CONSIDERED EQUIPMENT)
(3) 1-5/8" TO 121 FT LEVEL
(SPRINT PCS)
LEG A
CLIMBING PEGS
W/ SAFETY CLIMB
(OTHER CONSIDERED EQUIPMENT)
(1) 7/8" TO 83 FT LEVEL
(EAST LYME CT, TOWN OF)
(PROPOSED EQUIPMENT CONFIGURATION)
(6) 7/8" TO 148 FT LEVEL
(8) 1-5/8" TO 148 FT LEVEL
(VERIZON WIRELESS)
LEG C
(OTHER CONSIDERED EQUIPMENT)
(6) 1-5/8" TO 103 FT LEVEL
(T-MOBILE)
LEG B
(OTHER CONSIDERED EQUIPMENT)
(1) 1/2" TO 50 FT LEVEL
(SPRINT PCS)

## APPENDIX C

## ADDITIONAL CALCULATIONS

# Self Support Anchor Rod Capacity

| Site Info | |
|---|---|
| BU # | 806384 |
| Site Name | NLN 136 943455 |
| Order # | 579096 Rev. 0 |

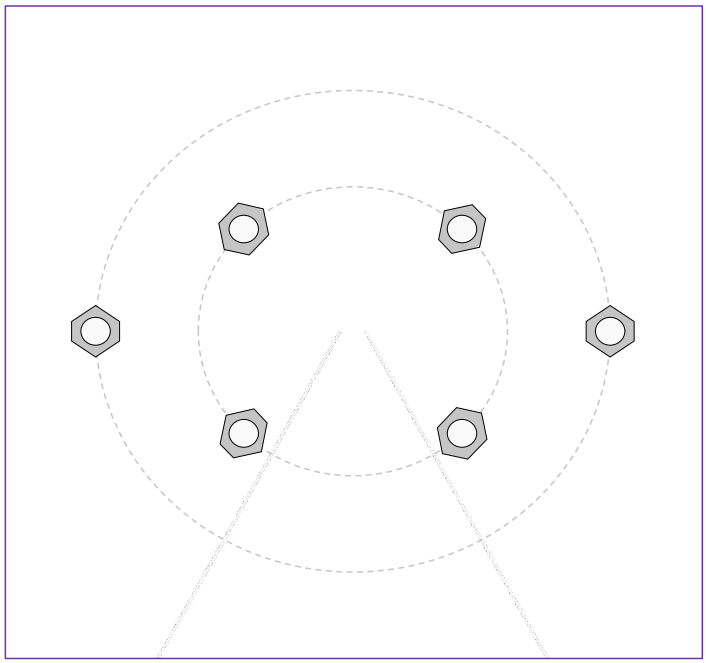
| Analysis Considerations | |
|---|---|
| TIA-222 Revision | H |
| Grout Considered: | See Custom Sheet |
| $l_{ar}$ (in) | See Custom Sheet |

| Applied Loads | | |
|---|---|---|
| | Comp. | Uplift |
| Axial Force (kips) | 247.32 | 203.95 |
| Shear Force (kips) | 32.06 | 26.57 |

**TIA-222-H Section 15.5 Applied*

| Considered Eccentricity | |
|---|---|
| Leg Mod Eccentricity (in) | 0.000 |
| Anchor Rod N.A Shift (in) | 0.000 |
| Total Eccentricity (in) | 0.000 |

**Anchor Rod Eccentricity Applied*



## Connection Properties

**Anchor Rod Data**

GROUP 1: (4) 1" ø bolts (A193 Gr. B7 N; Fy=105 ksi, Fu=125 ksi) on 10.5" BC

*$l_{ar}$ (in): 2.5*

GROUP 2: (2) 1" ø bolts (A193 Gr. B7 N; Fy=105 ksi, Fu=125 ksi) on 17.5" BC

*pos. (deg): 0, 180*

*$l_{ar}$ (in): 0*

## Analysis Results

**Anchor Rod Summary** *(units of kips, kip-in)*

| | | |
|---|---|---|
| GROUP 1: | | |
| Pu_t = 33.99 | ϕPn_t = 56.81 | **Stress Rating** |
| Vu = 6.64 | ϕVn = 36.82 | **57.0%** |
| Mu = n/a | ϕMn = n/a | **Pass** |
| GROUP 2: | | |
| Pu_t = 33.99 | ϕPn_t = 56.81 | **Stress Rating** |
| Vu = 0 | ϕVn = 36.82 | **57.0%** |
| Mu = n/a | ϕMn = n/a | **Pass** |

# Pier and Pad Foundation

| | |
|---|---|
| **BU # :** | 806384 |
| **Site Name:** | NLN 136 943455 |
| **App. Number:** | 579096 Rev. 0 |

| | |
|---|---|
| TIA-222 Revision: | H |
| Tower Type: | Self Support |

| | |
|---|---|
| Top & Bot. Pad Rein. Different?: | ☐ |
| Block Foundation?: | ☐ |
| Rectangular Pad?: | ☐ |

| Superstructure Analysis Reactions | | |
|---|---|---|
| Compression, $P_{comp}$: | 247.32 | kips |
| Compression Shear, Vu_comp: | 32.06 | kips |
| Uplift, $P_{uplift}$: | 203.95 | kips |
| Uplift Shear, $V_{u_uplift}$: | 26.57 | kips |
| | | |
| Tower Height, **H**: | 150 | ft |
| Base Face Width, **BW**: | 22.78 | ft |
| BP Dist. Above Fdn, $bp_{dist}$: | 3.5 | in |

| Pier Properties | | |
|---|---|---|
| Pier Shape: | Circular | |
| Pier Diameter, **dpier**: | 3 | ft |
| Ext. Above Grade, **E**: | 0.5 | ft |
| Pier Rebar Size, **Sc**: | 9 | |
| Pier Rebar Quantity, **mc**: | 12 | |
| Pier Tie/Spiral Size, **St**: | 4 | |
| Pier Tie/Spiral Quantity, **mt**: | 14 | |
| Pier Reinforcement Type: | Tie | |
| Pier Clear Cover, $cc_{pier}$: | 3 | in |

| Pad Properties | | |
|---|---|---|
| Depth, **D**: | 12 | ft |
| Pad Width, $W_1$: | 8.25 | ft |
| Pad Thickness, **T**: | 2 | ft |
| Pad Rebar Size (Bottom dir. 2), $Sp_2$: | 7 | |
| Pad Rebar Quantity (Bottom dir. 2), $mp_2$: | 9 | |
| Pad Clear Cover, $cc_{pad}$: | 3 | in |

| Material Properties | | |
|---|---|---|
| Rebar Grade, **Fy**: | 60 | ksi |
| Concrete Compressive Strength, **F'c**: | 3 | ksi |
| Dry Concrete Density, $\delta$**c**: | 150 | pcf |

| Soil Properties | | |
|---|---|---|
| Total Soil Unit Weight, $\gamma$: | 131 | pcf |
| Ultimate Gross Bearing, Qult: | 12.000 | ksf |
| Cohesion, **Cu**: | | ksf |
| Friction Angle, $\varphi$: | 31 | degrees |
| SPT Blow Count, $N_{blows}$: | | |
| Base Friction, $\mu$: | 0.3 | |
| Neglected Depth, **N**: | 3.33 | ft |
| Foundation Bearing on Rock? | No | |
| Groundwater Depth, **gw**: | N/A | ft |

<--Toggle between Gross and Net

| | |
|---|---|
| Seismic Design Category: | B |

| Foundation Analysis Checks | | | | |
|---|---|---|---|---|
| | **Capacity** | **Demand** | **Rating*** | **Check** |
| *Uplift (kips)* | 245.01 | 203.95 | **79.3%** | **Pass** |
| *Lateral (Sliding) (kips)* | 96.64 | 26.57 | **26.2%** | **Pass** |
| *Bearing Pressure (ksf)* | 9.00 | 5.60 | **59.2%** | **Pass** |
| | | | | |
| *Pier Flexure (Comp.) (kip*ft)* | 849.85 | 336.63 | **37.7%** | **Pass** |
| *Pier Flexure (Tension) (kip*ft)* | 521.69 | 278.99 | **50.9%** | **Pass** |
| *Pier Compression (kip)* | 1708.19 | 260.68 | **14.5%** | **Pass** |
| *Pad Flexure (kip*ft)* | 462.81 | 104.22 | **21.4%** | **Pass** |
| *Pad Shear - 1-way (kips)* | 160.13 | 29.78 | **17.7%** | **Pass** |
| *Pad Shear - 2-way (Comp) (ksi)* | 0.164 | 0.057 | **33.1%** | **Pass** |
| *Flexural 2-way (Comp) (kip*ft)* | 925.63 | 201.98 | **20.8%** | **Pass** |
| *Pad Shear - 2-way (Uplift) (ksi)* | 0.164 | 0.077 | **44.9%** | **Pass** |
| *Flexural 2-way (Tension) (kip*ft)* | 925.63 | 167.39 | **17.2%** | **Pass** |

**Rating per TIA-222-H Section 15.5*

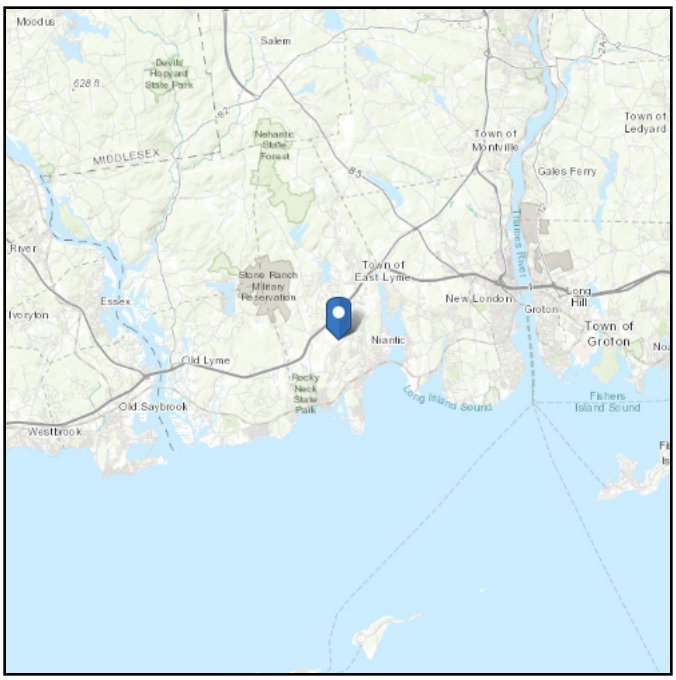
| | |
|---|---|
| Structural Rating*: | **50.9%** |
| Soil Rating*: | **79.3%** |

# ASCE 7 Hazards Report

**Address:**
No Address at This Location

**Standard:** ASCE/SEI 7-10
**Risk Category:** III
**Soil Class:** D - Stiff Soil

**Elevation:** 173.19 ft (NAVD 88)
**Latitude:** 41.335653
**Longitude:** -72.221744




## Wind

**Results:**

| | | |
|---|---|---|
| Wind Speed: | 144 Vmph | Considered 145 Vmph as per East Lyme City Exemption |
| 10-year MRI | 79 Vmph | |
| 25-year MRI | 89 Vmph | |
| 50-year MRI | 98 Vmph | |
| 100-year MRI | 108 Vmph | |

Data Source: ASCE/SEI 7-10, Fig. 26.5-1B and Figs. CC-1–CC-4, and Section 26.5.2, incorporating errata of March 12, 2014

Date Accessed: Wed Jul 28 2021

Value provided is 3-second gust wind speeds at 33 ft above ground for Exposure C Category, based on linear interpolation between contours. Wind speeds are interpolated in accordance with the 7-10 Standard. Wind speeds correspond to approximately a 3% probability of exceedance in 50 years (annual exceedance probability = 0.000588, MRI = 1,700 years).

Site is in a hurricane-prone region as defined in ASCE/SEI 7-10 Section 26.2. Glazed openings in health-care facilities shall be protected against wind-borne debris as specified in Section 26.10.3.

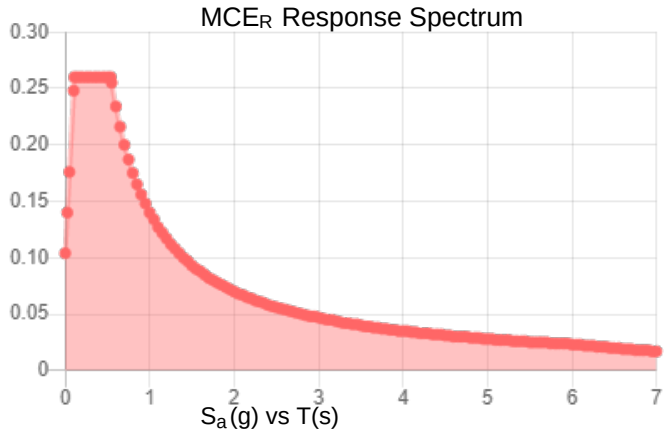
# Seismic

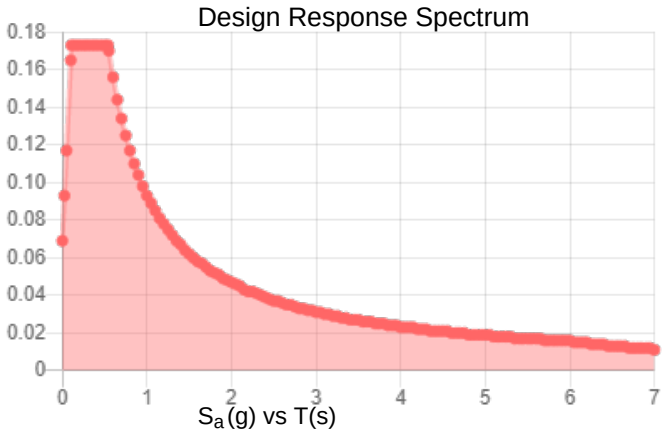
**Site Soil Class:** D - Stiff Soil

**Results:**

| | | | |
|---|---|---|---|
| $S_S$ : | 0.162 | $S_{DS}$ : | 0.173 |
| $S_1$ : | 0.058 | $S_{D1}$ : | 0.093 |
| $F_a$ : | 1.6 | $T_L$ : | 6 |
| $F_v$ : | 2.4 | PGA : | 0.081 |
| $S_{MS}$ : | 0.26 | $PGA_M$ : | 0.13 |
| $S_{M1}$ : | 0.14 | $F_{PGA}$ : | 1.6 |
| | | $I_e$ : | 1.25 |

**Seismic Design Category** B




**Data Accessed:** Wed Jul 28 2021

**Date Source:** USGS Seismic Design Maps based on ASCE/SEI 7-10, incorporating Supplement 1 and errata of March 31, 2013, and ASCE/SEI 7-10 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with ASCE/SEI 7-10 Ch. 21 are available from USGS.

# Ice

**Results:**

| | |
|---|---|
| Ice Thickness: | 0.75 in. |
| Concurrent Temperature: | 15 F |
| Gust Speed: | 50 mph |
| **Data Source:** | Standard ASCE/SEI 7-10, Figs. 10-2 through 10-8 |
| **Date Accessed:** | Wed Jul 28 2021 |

Ice thicknesses on structures in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

Values provided are equivalent radial ice thicknesses due to freezing rain with concurrent 3-second gust speeds, for a 50-year mean recurrence interval, and temperatures concurrent with ice thicknesses due to freezing rain. Thicknesses for ice accretions caused by other sources shall be obtained from local meteorological studies. Ice thicknesses in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

The ASCE 7 Hazard Tool is provided for your convenience, for informational purposes only, and is provided “as is” and without warranties of any kind. The location data included herein has been obtained from information developed, produced, and maintained by third party providers; or has been extrapolated from maps incorporated in the ASCE 7 standard. While ASCE has made every effort to use data obtained from reliable sources or methodologies, ASCE does not make any representations or warranties as to the accuracy, completeness, reliability, currency, or quality of any data provided herein. Any third-party links provided by this Tool should not be construed as an endorsement, affiliation, relationship, or sponsorship of such third-party content by or from ASCE.

ASCE does not intend, nor should anyone interpret, the results provided by this Tool to replace the sound judgment of a competent professional, having knowledge and experience in the appropriate field(s) of practice, nor to substitute for the standard of care required of such professionals in interpreting and applying the contents of this Tool or the ASCE 7 standard.

In using this Tool, you expressly assume all risks associated with your use. Under no circumstances shall ASCE or its officers, directors, employees, members, affiliates, or agents be liable to you or any other person for any direct, indirect, special, incidental, or consequential damages arising from or related to your use of, or reliance on, the Tool or any information obtained therein. To the fullest extent permitted by law, you agree to release and hold harmless ASCE from any and all liability of any nature arising out of or resulting from any use of data provided by the ASCE 7 Hazard Tool.

# Exhibit E

## Mount Analysis

Maser Consulting Connecticut
2000 Midlantic Drive, Suite 100
Mt. Laurel, NJ 08054
(856) 797-0412
peter.albano@colliersengineering.com

# Antenna Mount Analysis Report and PMI Requirements

Mount Analysis

SMART Tool Project #: 10039640
Maser Consulting Connecticut Project #: 21777116A

July 19, 2021

| | | |
|---|---|---|
| ***Site Information*** | *Site ID:* | *469373-VZW / EAST LYME CT* |
| | *Site Name:* | *EAST LYME CT* |
| | *Carrier Name:* | *Verizon Wireless* |
| | *Address:* | *93 Roxbury Rd.*<br>*Niantic, Connecticut 06357*<br>*New London County* |
| | *Latitude:* | *41.335653°* |
| | *Longitude:* | *-72.221744°* |
| ***Structure Information*** | *Tower Type:* | *150-Ft Self Support* |
| | *Mount Type:* | *15.00-Ft Sector Frame* |

**FUZE ID # 16147665**

## Analysis Results

Sector Frame: **77.4% Pass**

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

Report Prepared By: Calvin Gould

## Executive Summary:

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

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

## Sources of Information:

| Document Type | Remarks |
|---|---|
| *Radio Frequency Data Sheet (RFDS)* | *Verizon RFDS, Site ID: 323823, dated June 8, 2021* |
| *Mount Mapping Report* | *Hudson Design Group LLC, Site #: 469373, dated March 22, 2021* |

## Analysis Criteria:

| | | |
|---|---|---|
| Codes and Standards: | ANSI/TIA-222-H | |
| Wind Parameters: | Basic Wind Speed (Ultimate 3-sec. Gust), $V_{ULT}$: | 126 mph |
| | Ice Wind Speed (3-sec. Gust): | 50 mph |
| | Design Ice Thickness: | 1.00 in |
| | Risk Category: | II |
| | Exposure Category: | B |
| | Topographic Category: | 1 |
| | Topographic Feature Considered: | N/A |
| | Topographic Method: | N/A |
| | Ground Elevation Factor, $K_e$: | 0.994 |
| Seismic Parameters: | $S_S$: | 0.196 |
| | $S_1$: | 0.053 |
| Maintenance Parameters: | Wind Speed (3-sec. Gust): | 30 mph |
| | Maintenance Live Load, Lv: | 250 lbs. |
| | Maintenance Live Load, Lm: | 500 lbs. |
| Analysis Software: | RISA-3D (V17) | |

## Final Loading Configuration:

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

| Mount Elevation (ft) | Equipment Elevation (ft) | Quantity | Manufacturer | Model | Status |
|---|---|---|---|---|---|
| 149.00 | 149.00 | 3 | Samsung | MT6407-77A | Added |
| | | 2 | Commscope | CBC78T-DS-43-2X | |
| | | 3 | Samsung | B2/B66A RRH-BR049 | |
| | | 4 | Andrew | JAHH-65B-R3B | |
| | | 2 | Andrew | JAHH-65B-R3B | Retained |
| | | 3 | Andrew | LNX-6514DS-A1M | |
| | | 1 | Commscope | CBC78T-DS-43-2X | |
| | | 3 | Samsung | B5/B13 RRH-BR04C | |
| | | 2 | Raycap | OVP-6* | |

*Equipment is flush mounted directly to the Self Support. They are not mounted on the sector frame mounts and are not included in this mount analysis.

Any proposed antennas not currently installed should be mounted such that the centerline of the antennas does not exceed 6 inches vertically from the center of the antenna mount(s).

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

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

## Standard Conditions:

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

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

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

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

3. For mount analyses completed from other data sources (including new replacement mounts) and not specifically mapped 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 |
|---|---|---|
| Standoff End Tabs | 77.4 % | Pass |
| Standoff Horizontal | 45.0 % | Pass |
| Standoff Vertical | 32.7 % | Pass |
| Standoff Bracing Plates | 31.8 % | Pass |
| Standoff Bracing | 28.9 % | Pass |
| Face Horizontal | 46.2 % | Pass |
| Mount Pipe | 32.8 % | Pass |
| Tieback | 13.2 % | Pass |
| Mount Connection | 16.1 % | Pass |

| **Structure Rating – *(Controlling Utilization of all Components)*** | **77.4%** |
|---|---|

## Recommendation:

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

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

## Attachments:

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

V3.0 Updated on 8-31-2020

# Antenna Mount Mapping Form (PATENT PENDING)

FCC #

| | | | |
|---|---|---|---|
| **Tower Owner:** | CROWN CASTLE | **Mapping Date:** | 3/22/2021 |
| **Site Name:** | EAST LYME CT | **Tower Type:** | Self Support |
| **Site Number or ID:** | 469373 | **Tower Height (Ft.):** | 150 |
| **Mapping Contractor:** | HUDSON DESIGN GROUP, LLC. | **Mount Elevation (Ft.):** | 149 |

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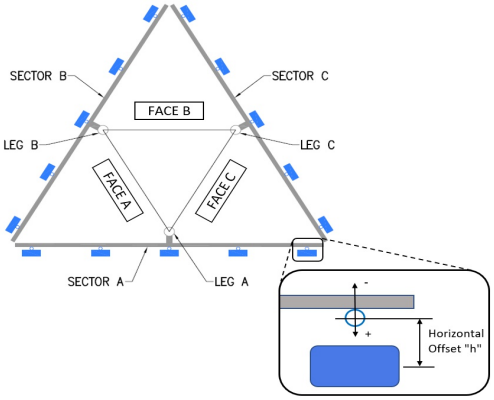
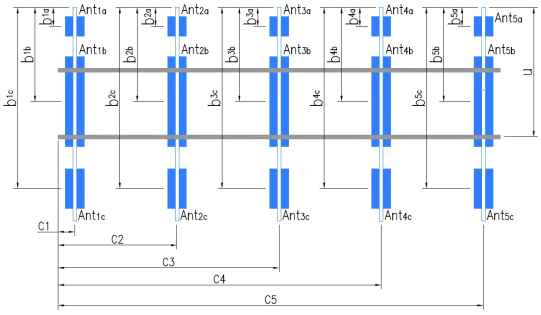
Please insert the sketches of the antenna mount from the "Sketches" tab with dimensions and members here.




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

**Mount Pipe Configuration and Geometries [Unit = Inches]**

| Sector / Position | Mount Pipe Size & Length | Vertical Offset Dimension "u" | Horizontal Offset "C1, C2, C3, etc." | Sector / Position | Mount Pipe Size & Length | Vertical Offset Dimension "u" | Horizontal Offset "C1, C2, C3, etc." |
|---|---|---|---|---|---|---|---|
| A1 | 2" STD. PIPE X 96" LONG | 41.00 | 7.00 | C1 | 2" STD. PIPE X 96" LONG | 41.00 | 7.00 |
| A2 | 2" STD. PIPE X 96" LONG | 41.00 | 42.00 | C2 | 2" STD. PIPE X 72" LONG | 57.00 | 42.00 |
| A3 | 2" STD. PIPE X 72" LONG | 57.00 | 91.00 | C3 | 2" STD. PIPE X 72" LONG | 57.00 | 91.00 |
| A4 | 2" STD. PIPE X 72" LONG | 57.00 | 140.00 | C4 | 2" STD. PIPE X 96" LONG | 75.00 | 140.00 |
| A5 | 2" STD. PIPE X 96" LONG | 75.00 | 175.00 | C5 | 2" STD. PIPE X 96" LONG | 75.00 | 175.00 |
| A6 | | | | C6 | | | |
| B1 | 2" STD. PIPE X 96" LONG | 57.00 | 7.00 | D1 | | | |
| B2 | 2" STD. PIPE X 96" LONG | 57.00 | 42.00 | D2 | | | |
| B3 | 2" STD. PIPE X 72" LONG | 57.00 | 91.00 | D3 | | | |
| B4 | 2" STD. PIPE X 72" LONG | 57.00 | 140.00 | D4 | | | |
| B5 | 2" STD. PIPE X 96" LONG | 75.00 | 175.00 | D5 | | | |
| B6 | | | | D6 | | | |

| | |
|---|---|
| Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. : | 20.50 |
| 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.) : | 1 |

Please enter additional infomation or comments below.

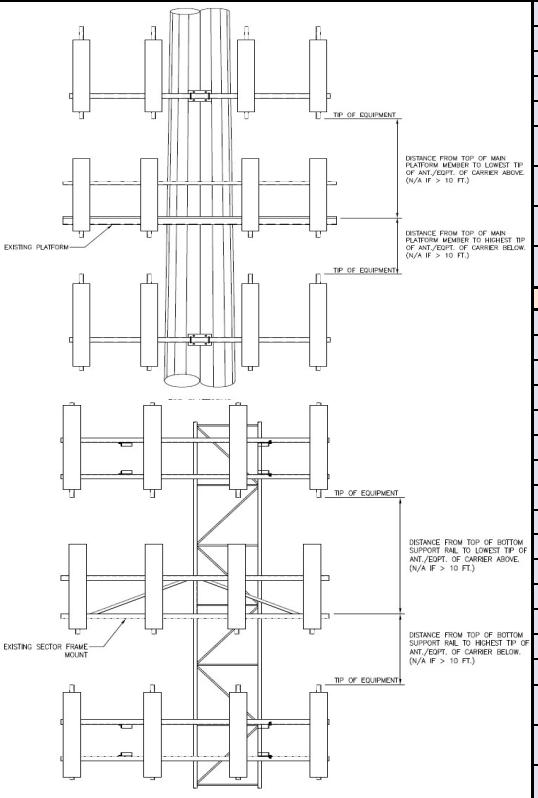
CAMERA MOUNTED 1'-0" BELOW MOUNT

| | | | |
|---|---|---|---|
| Tower Face Width at Mount Elev. (ft.): | 8.583 | Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.): | 2.875 |

| | Enter antenna model. If not labeled, enter "Unknown". | | | | | | Mounting Locations [Units are inches and degrees] | | | Photos of antennas |
|---|---|---|---|---|---|---|---|---|---|---|
| Ants. Items | Antenna Models if Known | Width (in.) | Depth (in.) | Height (in.) | Coax Size and Qty | Antenna Center-line (Ft.) | Vertical Distances"$b_{1a}$, $b_{2a}$, $b_{3a}$, $b_{1b}$...." (Inches) | Horiz. Offset "h" (Use "-" if Ant. is behind) | Antenna Azimuth (Degrees) | Photo Numbers |
| **Sector A** | | | | | | | | | | |
| $Ant_{1a}$ | B66a RRH 4X45 | 12.00 | 7.00 | 25.50 | | 146.375 | 52.00 | -7.00 | | 32,87 |
| $Ant_{1b}$ | HBXX-6517DS-A2M | 12.00 | 7.00 | 75.00 | | 147.292 | 41.00 | 9.00 | 30.00 | 32,65 |
| $Ant_{1c}$ | | | | | | | | | | |
| $Ant_{2a}$ | | | | | | | | | | |
| $Ant_{2b}$ | | | | | | | | | | |
| $Ant_{2c}$ | | | | | | | | | | |
| $Ant_{3a}$ | RFV01U-D2A | 15.50 | 10.00 | 15.50 | | 149.125 | 35.00 | -9.00 | | 32,61 |
| $Ant_{3b}$ | QUAD656C0000G | 20.00 | 7.50 | 74.00 | | 148.958 | 37.00 | 11.00 | 30.00 | 32,60 |
| $Ant_{3c}$ | | | | | | | | | | |
| $Ant_{4a}$ | B25 RRH 4X30 | 12.00 | 7.00 | 20.50 | | 147.708 | 52.00 | -7.00 | | 33,66 |
| $Ant_{4b}$ | HBXX-6517DS-A2M | 12.00 | 7.00 | 75.00 | | 148.625 | 41.00 | 9.00 | 30.00 | 33,65 |
| $Ant_{4c}$ | | | | | | | | | | |
| $Ant_{5a}$ | DIPLEXER | | | | | 148.792 | 57.00 | -3.00 | | 72,73 |
| $Ant_{5b}$ | LNX-6514DS-A1M | 12.00 | 7.50 | 73.00 | | 149.708 | 46.00 | 8.00 | 30.00 | 33,69 |
| $Ant_{5c}$ | | | | | | | | | | |
| Ant on Standoff | | | | | | | | | | |
| Ant on Standoff | | | | | | | | | | |
| Ant on Tower | (2) OVP | 15.00 | 10.00 | 28.00 | | | | | | 37,89 |
| Ant on Tower | | | | | | | | | | |

| Mount Azimuth (Degree) for Each Sector | | | | Tower Leg Azimuth (Degree) for Each Sector | |
|---|---|---|---|---|---|
| Sector A: | 30.00 | Deg | Leg A: | 340.00 | Deg |
| Sector B: | 150.00 | Deg | Leg B: | 100.00 | Deg |
| Sector C: | 280.00 | Deg | Leg C: | 220.00 | Deg |
| Sector D: | | Deg | Leg D: | | Deg |

| Climbing Facility Information | | | |
|---|---|---|---|
| Location: | 340.00 | Deg | On Leg A |
| Climbing Facility | Corrosion Type: | | Good condition. |
| | Access: | | Climbing path was unobstructed. |
| | Condition: | | Good condition. |




| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Sector B** | | | | | | | | | | |
| $Ant_{1a}$ | B66a RRH 4X45 | 12.00 | 7.00 | 25.50 | | 147.708 | 52.00 | -7.00 | | 34,87 |
| $Ant_{1b}$ | QUAD656C0000G | 20.00 | 7.50 | 74.00 | | 148.958 | 37.00 | 11.00 | 150.00 | 34,65 |
| $Ant_{1c}$ | | | | | | | | | | |
| $Ant_{2a}$ | | | | | | | | | | |
| $Ant_{2b}$ | | | | | | | | | | |
| $Ant_{2c}$ | | | | | | | | | | |
| $Ant_{3a}$ | RFV01U-D2A | 15.50 | 10.00 | 15.50 | | 150.875 | 14.00 | -9.00 | | 34,61 |
| $Ant_{3b}$ | JAHH-65B-R3B | 14.00 | 9.00 | 72.00 | | 150.458 | 19.00 | 13.50 | 150.00 | 34,75 |
| $Ant_{3c}$ | (2) CBC78T-DS-43-2X | | | | | 148.625 | 41.00 | | | 78,79 |
| $Ant_{4a}$ | B25 RRH 4X30 | 12.00 | 7.00 | 20.50 | | 147.708 | 52.00 | -7.00 | | 34,66 |
| $Ant_{4b}$ | JAHH-65B-R3B | 14.00 | 9.00 | 72.00 | | 150.458 | 19.00 | 13.50 | 150.00 | 34,75 |
| $Ant_{4c}$ | | | | | | | | | | |
| $Ant_{5a}$ | DIPLEXER | | | | | 148.792 | 57.00 | -3.00 | | 34,72 |
| $Ant_{5b}$ | LNX-6514DS-A1M | 12.00 | 7.50 | 73.00 | | 151.208 | 28.00 | 8.00 | 150.00 | 34,69 |
| $Ant_{5c}$ | | | | | | | | | | |
| Ant on Standoff | | | | | | | | | | |
| Ant on Standoff | | | | | | | | | | |
| Ant on Tower | | | | | | | | | | |
| Ant on Tower | | | | | | | | | | |
| **Sector C** | | | | | | | | | | |
| $Ant_{1a}$ | B66a RRH 4X45 | 12.00 | 7.00 | 25.50 | | 146.375 | 52.00 | -7.00 | | 35,87 |
| $Ant_{1b}$ | HBXX-6517DS-A2M | 12.00 | 7.00 | 75.00 | | 147.292 | 41.00 | 9.00 | 280.00 | 35,65 |
| $Ant_{1c}$ | | | | | | | | | | |
| $Ant_{2a}$ | | | | | | | | | | |
| $Ant_{2b}$ | | | | | | | | | | |
| $Ant_{2c}$ | | | | | | | | | | |
| $Ant_{3a}$ | RFV01U-D2A | 15.50 | 10.00 | 15.50 | | 149.125 | 35.00 | -9.00 | | 35,61 |
| $Ant_{3b}$ | QUAD656C0000G | 20.00 | 7.50 | 74.00 | | 148.958 | 37.00 | 11.00 | 280.00 | 35,60 |
| $Ant_{3c}$ | | | | | | | | | | |
| $Ant_{4a}$ | B25 RRH 4X30 | 12.00 | 7.00 | 20.50 | | 149.208 | 52.00 | -7.00 | | 36,66 |
| $Ant_{4b}$ | HBXX-6517DS-A2M | 12.00 | 7.00 | 75.00 | | 150.125 | 41.00 | 9.00 | 280.00 | 36,65 |
| $Ant_{4c}$ | | | | | | | | | | |
| $Ant_{5a}$ | (2) DIPLEXER | | | | | 148.792 | 57.00 | -3.00 | | 36,72 |
| $Ant_{5b}$ | LNX-6514DS-A1M | 12.00 | 7.50 | 73.00 | | 150.292 | 39.00 | 8.00 | 280.00 | 36,69 |
| $Ant_{5c}$ | | | | | | | | | | |
| Ant on Standoff | | | | | | | | | | |
| Ant on Standoff | | | | | | | | | | |
| Ant on Tower | | | | | | | | | | |
| Ant on Tower | | | | | | | | | | |
| **Sector D** | | | | | | | | | | |
| $Ant_{1a}$ | | | | | | | | | | |
| $Ant_{1b}$ | | | | | | | | | | |
| $Ant_{1c}$ | | | | | | | | | | |
| $Ant_{2a}$ | | | | | | | | | | |
| $Ant_{2b}$ | | | | | | | | | | |
| $Ant_{2c}$ | | | | | | | | | | |
| $Ant_{3a}$ | | | | | | | | | | |
| $Ant_{3b}$ | | | | | | | | | | |
| $Ant_{3c}$ | | | | | | | | | | |
| $Ant_{4a}$ | | | | | | | | | | |
| $Ant_{4b}$ | | | | | | | | | | |
| $Ant_{4c}$ | | | | | | | | | | |
| $Ant_{5a}$ | | | | | | | | | | |
| $Ant_{5b}$ | | | | | | | | | | |
| $Ant_{5c}$ | | | | | | | | | | |
| Ant on Standoff | | | | | | | | | | |
| Ant on Standoff | | | | | | | | | | |
| Ant on Tower | | | | | | | | | | |
| Ant on Tower | | | | | | | | | | |

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

| | | |
|---|---|---|
| 1 | | |
| 2 | (12) 1-5/8"Ø COAX, (2) 1-1/4"Ø HYBRID | 37,38 |
| 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:** | CROWN CASTLE | **Mapping Date:** | 3/22/2021 |
| **Site Name:** | EAST LYME CT | **Tower Type:** | Self Support |
| **Site Number or ID:** | 469373 | **Tower Height (Ft.):** | 150 |
| **Mapping Contractor:** | HUDSON DESIGN GROUP, LLC. | **Mount Elevation (Ft.):** | 149 |

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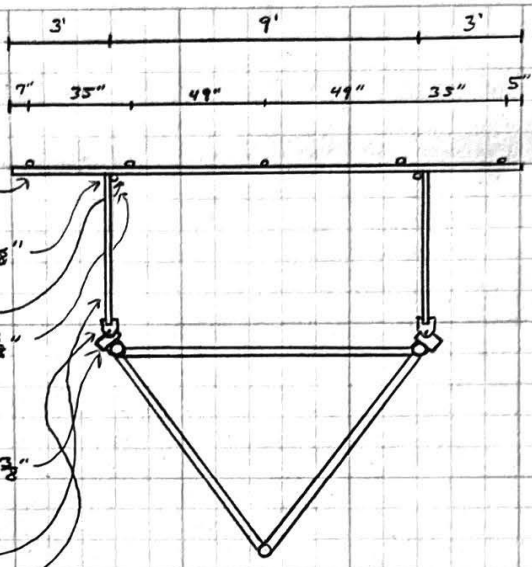
## Please Insert Sketches of the Antenna Mount

DATE: 3-22-21
Project Name: East Lyme CT
Project No.:
Design By: Josh Chk'd By: _____ Page ____ of ____

HUDSON Design Group LLC
45 BEECHWOOD DRIVE
NORTH ANDOVER, MA 01845
TEL: (978) 557-5553
FAX: (978) 336-5586

Mount @: 150'



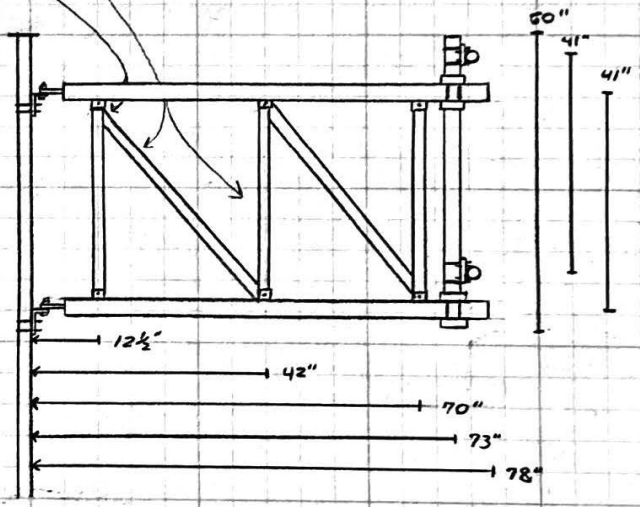

Ant. Pipes: $2\frac{3}{8}" \times \frac{1}{8}" \times 6'\text{-}8'$
Face Pipes: $2\frac{3}{8}" \times \frac{3}{16}" \times 15'$
- Vert. Sep: 41"
- Cross over Plates: $7\frac{1}{4}" \times 6" \times \frac{3}{8}"$
- U-bolts: 1/2"

Vert. Pipe: $2\frac{3}{8}" \times \frac{1}{8}" \times 5'$
- Cross over Plates: $6" \times 6\frac{3}{4}" \times \frac{3}{8}"$
- U-bolts: 1/2"

Stand off @: 149'1"
Attaching Angle: $4" \times 3" \times 6\frac{3}{4}" \times \frac{3}{8}"$
- U-bolts: 1/2"
- Bolts: 5/8"

Horizontal RM: $2\frac{3}{8}"$
- End Tabs: $6" \times 3\frac{1}{2}" \times \frac{3}{8}"$
- Vertical Supports: 1½" pressed tubing
- Bolts: 1/2"
- Plates: $3\frac{5}{8}" \times 2\frac{5}{8}" \times \frac{3}{8}"$

Tower Leg: $2\frac{7}{8}"$
Tower Face: 103"




J.O.L
149'1"

Inventory

(A1) (A3) (C1) (C3)
HBXX-6517DS-A2M

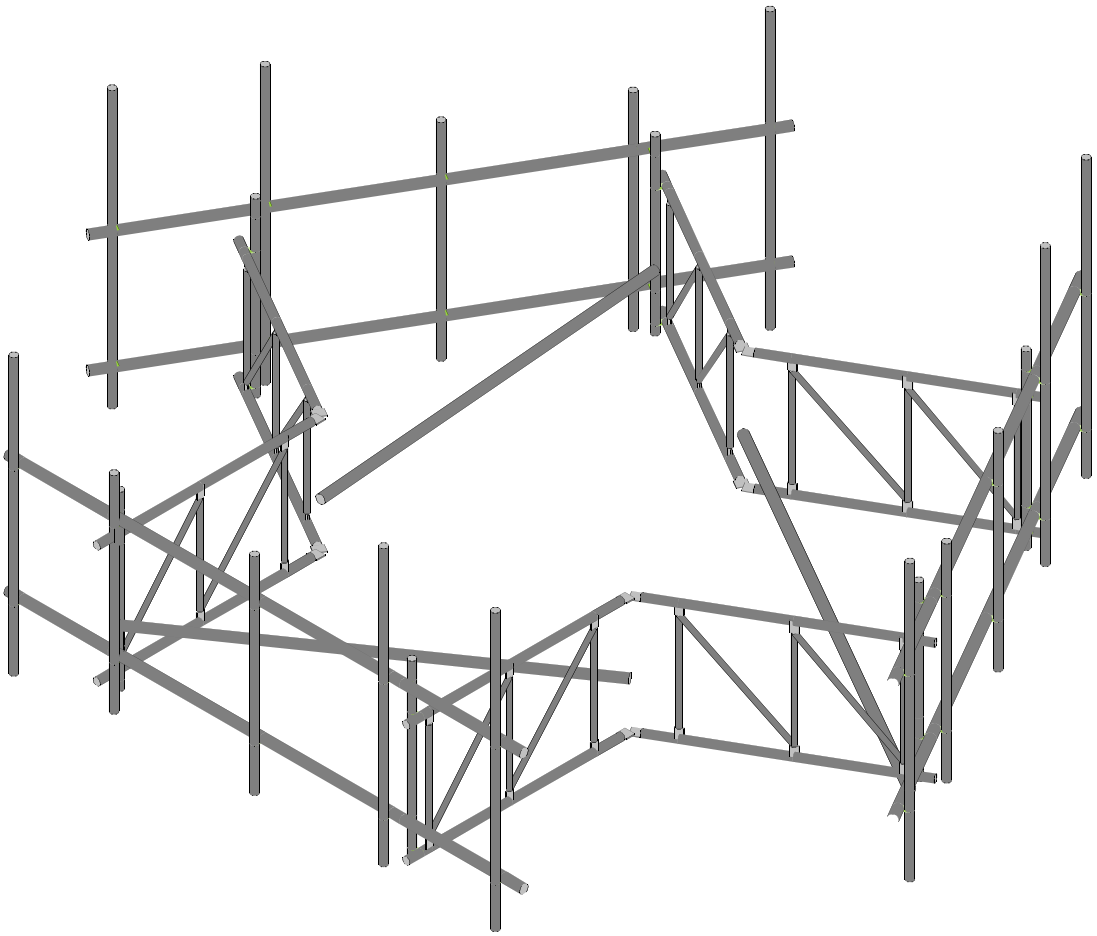
(A2) (B1) (C2)
QUAD6566C0000G

(A4) (B4) (C4)
LNX-6514DS-A1M

(B2) (B3)
TAHH-65B-R3B

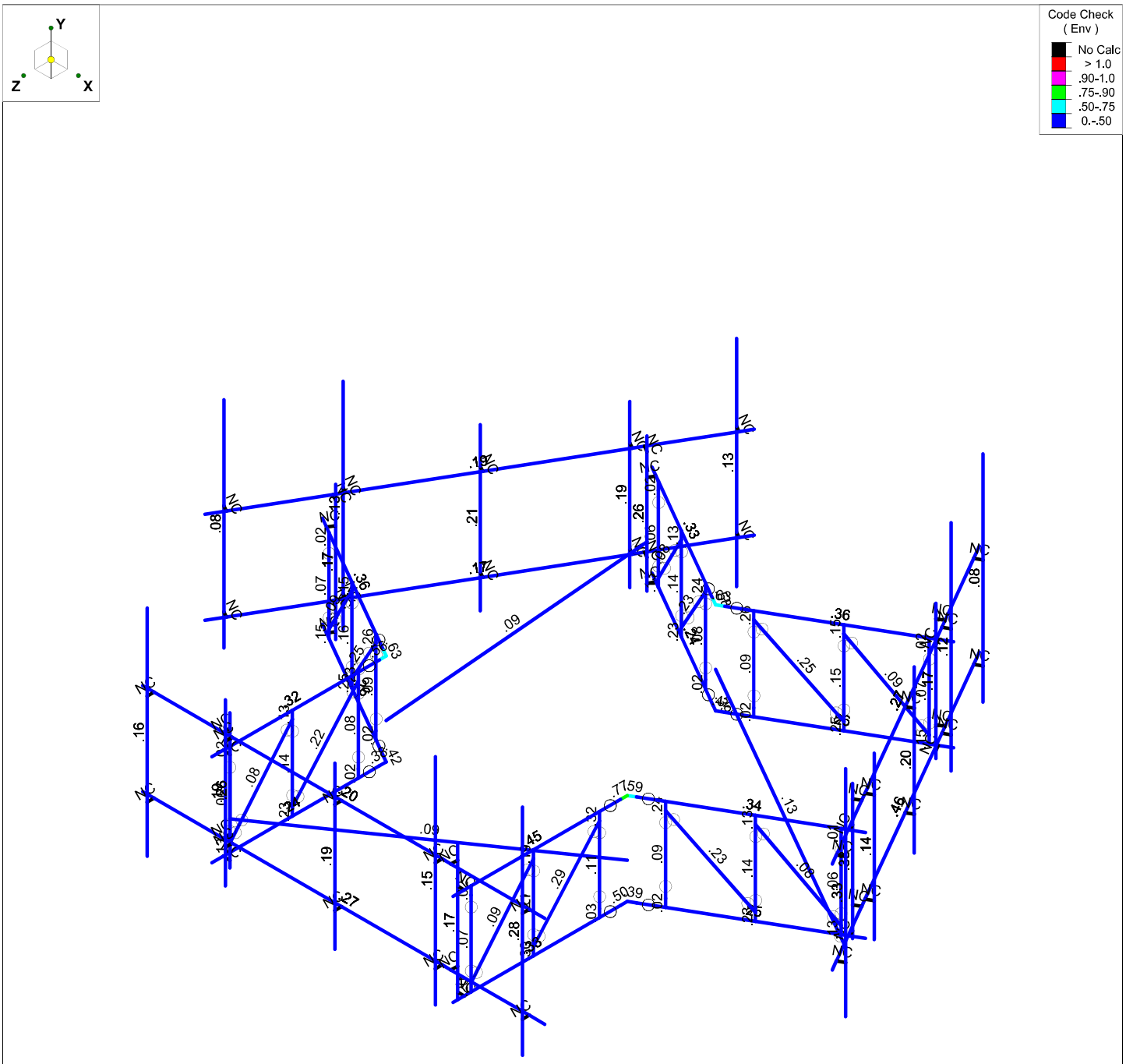
(3) RFV01U-D2A
(3) B25 RRH 4x30
(3) B66a RRH 4x45
(2) E15F05P5001
(4) RFS Diplexer
(2) OVP (Mounted to TMA)

157132



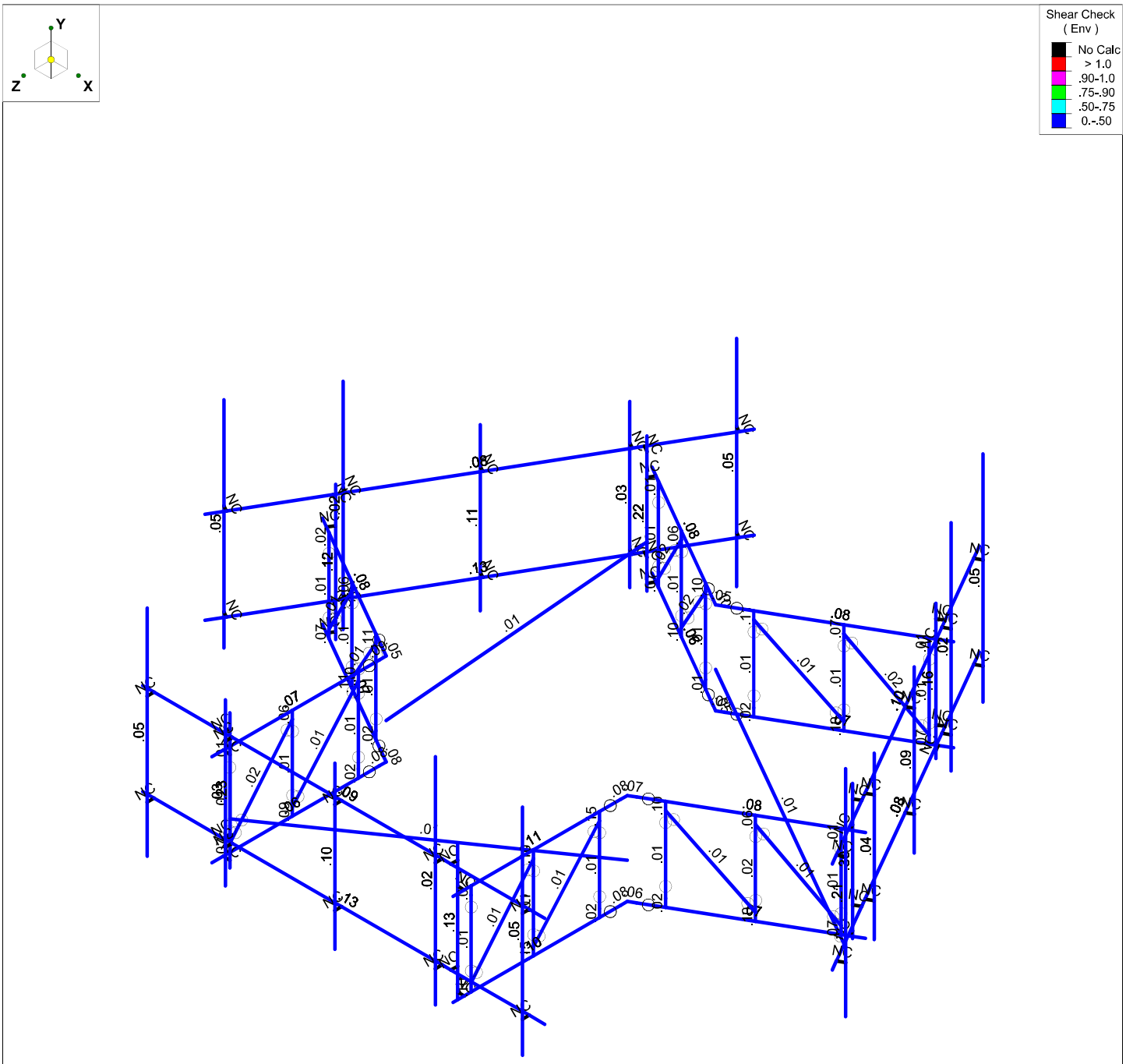

Loads: BLC 81,
Envelope Only Solution

| | | |
|---|---|---|
| Maser Consulting | 469373-VZW_MT_LO_H | SK - 1 |
| CJG | | July 19, 2021 at 1:54 PM |
| | | 469373-VZW_MT_LOT_A_H.r3d |




Member Code Checks Displayed (Enveloped)
Loads: BLC 81,
Envelope Only Solution

| | | |
|---|---|---|
| Maser Consulting | 469373-VZW_MT_LO_H | SK - 2 |
| CJG | | July 19, 2021 at 1:55 PM |
| | | 469373-VZW_MT_LOT_A_H.r3d |




Member Shear Checks Displayed (Enveloped)
Loads: BLC 81,
Envelope Only Solution

| | | |
|---|---|---|
| Maser Consulting | 469373-VZW_MT_LO_H | SK - 3 |
| CJG | | July 19, 2021 at 1:55 PM |
| | | 469373-VZW_MT_LOT_A_H.r3d |

## Basic Load Cases

| | BLC Description | Category | X Gravity | Y Gravity | Z Gravity | Joint | Point | Distributed | Area(Me... | Surface(P... |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Antenna D | None | | | | | 99 | | | |
| 2 | Antenna Di | None | | | | | 99 | | | |
| 3 | Antenna Wo (0 Deg) | None | | | | | 99 | | | |
| 4 | Antenna Wo (30 Deg) | None | | | | | 99 | | | |
| 5 | Antenna Wo (60 Deg) | None | | | | | 99 | | | |
| 6 | Antenna Wo (90 Deg) | None | | | | | 99 | | | |
| 7 | Antenna Wo (120 Deg) | None | | | | | 99 | | | |
| 8 | Antenna Wo (150 Deg) | None | | | | | 99 | | | |
| 9 | Antenna Wo (180 Deg) | None | | | | | 99 | | | |
| 10 | Antenna Wo (210 Deg) | None | | | | | 99 | | | |
| 11 | Antenna Wo (240 Deg) | None | | | | | 99 | | | |
| 12 | Antenna Wo (270 Deg) | None | | | | | 99 | | | |
| 13 | Antenna Wo (300 Deg) | None | | | | | 99 | | | |
| 14 | Antenna Wo (330 Deg) | None | | | | | 99 | | | |
| 15 | Antenna Wi (0 Deg) | None | | | | | 99 | | | |
| 16 | Antenna Wi (30 Deg) | None | | | | | 99 | | | |
| 17 | Antenna Wi (60 Deg) | None | | | | | 99 | | | |
| 18 | Antenna Wi (90 Deg) | None | | | | | 99 | | | |
| 19 | Antenna Wi (120 Deg) | None | | | | | 99 | | | |
| 20 | Antenna Wi (150 Deg) | None | | | | | 99 | | | |
| 21 | Antenna Wi (180 Deg) | None | | | | | 99 | | | |
| 22 | Antenna Wi (210 Deg) | None | | | | | 99 | | | |
| 23 | Antenna Wi (240 Deg) | None | | | | | 99 | | | |
| 24 | Antenna Wi (270 Deg) | None | | | | | 99 | | | |
| 25 | Antenna Wi (300 Deg) | None | | | | | 99 | | | |
| 26 | Antenna Wi (330 Deg) | None | | | | | 99 | | | |
| 27 | Antenna Wm (0 Deg) | None | | | | | 99 | | | |
| 28 | Antenna Wm (30 Deg) | None | | | | | 99 | | | |
| 29 | Antenna Wm (60 Deg) | None | | | | | 99 | | | |
| 30 | Antenna Wm (90 Deg) | None | | | | | 99 | | | |
| 31 | Antenna Wm (120 De... | None | | | | | 99 | | | |
| 32 | Antenna Wm (150 De... | None | | | | | 99 | | | |
| 33 | Antenna Wm (180 De... | None | | | | | 99 | | | |
| 34 | Antenna Wm (210 De... | None | | | | | 99 | | | |
| 35 | Antenna Wm (240 De... | None | | | | | 99 | | | |
| 36 | Antenna Wm (270 De... | None | | | | | 99 | | | |
| 37 | Antenna Wm (300 De... | None | | | | | 99 | | | |
| 38 | Antenna Wm (330 De... | None | | | | | 99 | | | |
| 39 | Structure D | None | | -1 | | | | | | |
| 40 | Structure Di | None | | | | | | 120 | | |
| 41 | Structure Wo (0 Deg) | None | | | | | | 240 | | |
| 42 | Structure Wo (30 Deg) | None | | | | | | 240 | | |
| 43 | Structure Wo (60 Deg) | None | | | | | | 240 | | |
| 44 | Structure Wo (90 Deg) | None | | | | | | 240 | | |
| 45 | Structure Wo (120 D... | None | | | | | | 240 | | |
| 46 | Structure Wo (150 D... | None | | | | | | 240 | | |
| 47 | Structure Wo (180 D... | None | | | | | | 240 | | |
| 48 | Structure Wo (210 D... | None | | | | | | 240 | | |
| 49 | Structure Wo (240 D... | None | | | | | | 240 | | |
| 50 | Structure Wo (270 D... | None | | | | | | 240 | | |
| 51 | Structure Wo (300 D... | None | | | | | | 240 | | |

## Basic Load Cases (Continued)

| | BLC Description | Category | X Gravity | Y Gravity | Z Gravity | Joint | Point | Distributed | Area(Me... | Surface(P... |
|---|---|---|---|---|---|---|---|---|---|---|
| 52 | Structure Wo (330 D... | None | | | | | | 240 | | |
| 53 | Structure Wi (0 Deg) | None | | | | | | 240 | | |
| 54 | Structure Wi (30 Deg) | None | | | | | | 240 | | |
| 55 | Structure Wi (60 Deg) | None | | | | | | 240 | | |
| 56 | Structure Wi (90 Deg) | None | | | | | | 240 | | |
| 57 | Structure Wi (120 De... | None | | | | | | 240 | | |
| 58 | Structure Wi (150 De... | None | | | | | | 240 | | |
| 59 | Structure Wi (180 De... | None | | | | | | 240 | | |
| 60 | Structure Wi (210 De... | None | | | | | | 240 | | |
| 61 | Structure Wi (240 De... | None | | | | | | 240 | | |
| 62 | Structure Wi (270 De... | None | | | | | | 240 | | |
| 63 | Structure Wi (300 De... | None | | | | | | 240 | | |
| 64 | Structure Wi (330 De... | None | | | | | | 240 | | |
| 65 | Structure Wm (0 Deg) | None | | | | | | 240 | | |
| 66 | Structure Wm (30 D... | None | | | | | | 240 | | |
| 67 | Structure Wm (60 D... | None | | | | | | 240 | | |
| 68 | Structure Wm (90 D... | None | | | | | | 240 | | |
| 69 | Structure Wm (120 ... | None | | | | | | 240 | | |
| 70 | Structure Wm (150 ... | None | | | | | | 240 | | |
| 71 | Structure Wm (180 ... | None | | | | | | 240 | | |
| 72 | Structure Wm (210 ... | None | | | | | | 240 | | |
| 73 | Structure Wm (240 ... | None | | | | | | 240 | | |
| 74 | Structure Wm (270 ... | None | | | | | | 240 | | |
| 75 | Structure Wm (300 ... | None | | | | | | 240 | | |
| 76 | Structure Wm (330 ... | None | | | | | | 240 | | |
| 77 | Lm1 | None | | | | | 1 | | | |
| 78 | Lm2 | None | | | | | 1 | | | |
| 79 | Lv1 | None | | | | | 1 | | | |
| 80 | Lv2 | None | | | | | 1 | | | |

## Load Combinations

| | Description | Solve | PDelta | S... | B... | Fa... | B... | Fa... | B... | Fa... | B... | Fa... | B... | Fa... | B... | Fa... | B... | Fa... | B... | Fa... | B... | Fa... | B... | Fa... | B... | Fa... |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.2D+1.0Wo (0 Deg) | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 3 | 1 | 41 | 1 | | | | | | | | | | | | | | |
| 2 | 1.2D+1.0Wo (30 Deg) | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 4 | 1 | 42 | 1 | | | | | | | | | | | | | | |
| 3 | 1.2D+1.0Wo (60 Deg) | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 5 | 1 | 43 | 1 | | | | | | | | | | | | | | |
| 4 | 1.2D+1.0Wo (90 Deg) | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 6 | 1 | 44 | 1 | | | | | | | | | | | | | | |
| 5 | 1.2D+1.0Wo (120 De... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 7 | 1 | 45 | 1 | | | | | | | | | | | | | | |
| 6 | 1.2D+1.0Wo (150 De... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 8 | 1 | 46 | 1 | | | | | | | | | | | | | | |
| 7 | 1.2D+1.0Wo (180 De... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 9 | 1 | 47 | 1 | | | | | | | | | | | | | | |
| 8 | 1.2D+1.0Wo (210 De... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 10 | 1 | 48 | 1 | | | | | | | | | | | | | | |
| 9 | 1.2D+1.0Wo (240 De... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 11 | 1 | 49 | 1 | | | | | | | | | | | | | | |
| 10 | 1.2D+1.0Wo (270 De... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 12 | 1 | 50 | 1 | | | | | | | | | | | | | | |
| 11 | 1.2D+1.0Wo (300 De... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 13 | 1 | 51 | 1 | | | | | | | | | | | | | | |
| 12 | 1.2D+1.0Wo (330 De... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 14 | 1 | 52 | 1 | | | | | | | | | | | | | | |
| 13 | 1.2D + 1.0Di + 1.0Wi... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 2 | 1 | 40 | 1 | 15 | 1 | 53 | 1 | | | | | | | | | | |
| 14 | 1.2D + 1.0Di + 1.0Wi... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 2 | 1 | 40 | 1 | 16 | 1 | 54 | 1 | | | | | | | | | | |
| 15 | 1.2D + 1.0Di + 1.0Wi... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 2 | 1 | 40 | 1 | 17 | 1 | 55 | 1 | | | | | | | | | | |
| 16 | 1.2D + 1.0Di + 1.0Wi... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 2 | 1 | 40 | 1 | 18 | 1 | 56 | 1 | | | | | | | | | | |
| 17 | 1.2D + 1.0Di + 1.0Wi... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 2 | 1 | 40 | 1 | 19 | 1 | 57 | 1 | | | | | | | | | | |
| 18 | 1.2D + 1.0Di + 1.0Wi... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 2 | 1 | 40 | 1 | 20 | 1 | 58 | 1 | | | | | | | | | | |

## Load Combinations (Continued)

| | Description | Solve | PDelta | S... | B... | Fa... | B... | Fa... | B... | Fa... | B... | Fa... | B... | Fa... | B... | Fa... | B... | Fa... | B... | Fa... | B... | Fa... | B... | Fa... |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19 | 1.2D + 1.0Di + 1.0Wi... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 2 | 1 | 40 | 1 | 21 | 1 | 59 | 1 | | | | | | | | |
| 20 | 1.2D + 1.0Di + 1.0Wi... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 2 | 1 | 40 | 1 | 22 | 1 | 60 | 1 | | | | | | | | |
| 21 | 1.2D + 1.0Di + 1.0Wi... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 2 | 1 | 40 | 1 | 23 | 1 | 61 | 1 | | | | | | | | |
| 22 | 1.2D + 1.0Di + 1.0Wi... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 2 | 1 | 40 | 1 | 24 | 1 | 62 | 1 | | | | | | | | |
| 23 | 1.2D + 1.0Di + 1.0Wi... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 2 | 1 | 40 | 1 | 25 | 1 | 63 | 1 | | | | | | | | |
| 24 | 1.2D + 1.0Di + 1.0Wi... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 2 | 1 | 40 | 1 | 26 | 1 | 64 | 1 | | | | | | | | |
| 25 | 1.2D + 1.5Lm1 + 1.0... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 77 | 1.5 | 27 | 1 | 65 | 1 | | | | | | | | | | |
| 26 | 1.2D + 1.5Lm1 + 1.0... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 77 | 1.5 | 28 | 1 | 66 | 1 | | | | | | | | | | |
| 27 | 1.2D + 1.5Lm1 + 1.0... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 77 | 1.5 | 29 | 1 | 67 | 1 | | | | | | | | | | |
| 28 | 1.2D + 1.5Lm1 + 1.0... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 77 | 1.5 | 30 | 1 | 68 | 1 | | | | | | | | | | |
| 29 | 1.2D + 1.5Lm1 + 1.0... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 77 | 1.5 | 31 | 1 | 69 | 1 | | | | | | | | | | |
| 30 | 1.2D + 1.5Lm1 + 1.0... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 77 | 1.5 | 32 | 1 | 70 | 1 | | | | | | | | | | |
| 31 | 1.2D + 1.5Lm1 + 1.0... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 77 | 1.5 | 33 | 1 | 71 | 1 | | | | | | | | | | |
| 32 | 1.2D + 1.5Lm1 + 1.0... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 77 | 1.5 | 34 | 1 | 72 | 1 | | | | | | | | | | |
| 33 | 1.2D + 1.5Lm1 + 1.0... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 77 | 1.5 | 35 | 1 | 73 | 1 | | | | | | | | | | |
| 34 | 1.2D + 1.5Lm1 + 1.0... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 77 | 1.5 | 36 | 1 | 74 | 1 | | | | | | | | | | |
| 35 | 1.2D + 1.5Lm1 + 1.0... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 77 | 1.5 | 37 | 1 | 75 | 1 | | | | | | | | | | |
| 36 | 1.2D + 1.5Lm1 + 1.0... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 77 | 1.5 | 38 | 1 | 76 | 1 | | | | | | | | | | |
| 37 | 1.2D + 1.5Lm2 + 1.0... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 78 | 1.5 | 27 | 1 | 65 | 1 | | | | | | | | | | |
| 38 | 1.2D + 1.5Lm2 + 1.0... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 78 | 1.5 | 28 | 1 | 66 | 1 | | | | | | | | | | |
| 39 | 1.2D + 1.5Lm2 + 1.0... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 78 | 1.5 | 29 | 1 | 67 | 1 | | | | | | | | | | |
| 40 | 1.2D + 1.5Lm2 + 1.0... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 78 | 1.5 | 30 | 1 | 68 | 1 | | | | | | | | | | |
| 41 | 1.2D + 1.5Lm2 + 1.0... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 78 | 1.5 | 31 | 1 | 69 | 1 | | | | | | | | | | |
| 42 | 1.2D + 1.5Lm2 + 1.0... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 78 | 1.5 | 32 | 1 | 70 | 1 | | | | | | | | | | |
| 43 | 1.2D + 1.5Lm2 + 1.0... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 78 | 1.5 | 33 | 1 | 71 | 1 | | | | | | | | | | |
| 44 | 1.2D + 1.5Lm2 + 1.0... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 78 | 1.5 | 34 | 1 | 72 | 1 | | | | | | | | | | |
| 45 | 1.2D + 1.5Lm2 + 1.0... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 78 | 1.5 | 35 | 1 | 73 | 1 | | | | | | | | | | |
| 46 | 1.2D + 1.5Lm2 + 1.0... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 78 | 1.5 | 36 | 1 | 74 | 1 | | | | | | | | | | |
| 47 | 1.2D + 1.5Lm2 + 1.0... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 78 | 1.5 | 37 | 1 | 75 | 1 | | | | | | | | | | |
| 48 | 1.2D + 1.5Lm2 + 1.0... | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 78 | 1.5 | 38 | 1 | 76 | 1 | | | | | | | | | | |
| 49 | 1.2D + 1.5Lv1 | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 79 | 1.5 | | | | | | | | | | | | | | |
| 50 | 1.2D + 1.5Lv2 | Yes | Y | | 1 | 1.2 | 39 | 1.2 | 80 | 1.5 | | | | | | | | | | | | | | |
| 51 | 1.4D | Yes | Y | | 1 | 1.4 | 39 | 1.4 | | | | | | | | | | | | | | | | |
| 52 | Seismic Mass | | Y | | 1 | 1 | 39 | 1 | | | | | | | | | | | | | | | | |
| 53 | 1.2D + 1.0Ev + 1.0E... | | Y | | 1 | 1.2 | 39 | 1.2 | SX | | SY | 1 | SZ | -1 | | | | | | | | | | |
| 54 | 1.2D + 1.0Ev + 1.0E... | | Y | | 1 | 1.2 | 39 | 1.2 | SX | .5 | SY | 1 | SZ | -.8... | | | | | | | | | | |
| 55 | 1.2D + 1.0Ev + 1.0E... | | Y | | 1 | 1.2 | 39 | 1.2 | SX | .866 | SY | 1 | SZ | -.5 | | | | | | | | | | |
| 56 | 1.2D + 1.0Ev + 1.0E... | | Y | | 1 | 1.2 | 39 | 1.2 | SX | 1 | SY | 1 | SZ | | | | | | | | | | | |
| 57 | 1.2D + 1.0Ev + 1.0E... | | Y | | 1 | 1.2 | 39 | 1.2 | SX | .866 | SY | 1 | SZ | .5 | | | | | | | | | | |
| 58 | 1.2D + 1.0Ev + 1.0E... | | Y | | 1 | 1.2 | 39 | 1.2 | SX | .5 | SY | 1 | SZ | .866 | | | | | | | | | | |
| 59 | 1.2D + 1.0Ev + 1.0E... | | Y | | 1 | 1.2 | 39 | 1.2 | SX | | SY | 1 | SZ | 1 | | | | | | | | | | |
| 60 | 1.2D + 1.0Ev + 1.0E... | | Y | | 1 | 1.2 | 39 | 1.2 | SX | -.5 | SY | 1 | SZ | .866 | | | | | | | | | | |
| 61 | 1.2D + 1.0Ev + 1.0E... | | Y | | 1 | 1.2 | 39 | 1.2 | SX | -.8... | SY | 1 | SZ | .5 | | | | | | | | | | |
| 62 | 1.2D + 1.0Ev + 1.0E... | | Y | | 1 | 1.2 | 39 | 1.2 | SX | -1 | SY | 1 | SZ | | | | | | | | | | | |
| 63 | 1.2D + 1.0Ev + 1.0E... | | Y | | 1 | 1.2 | 39 | 1.2 | SX | -.8... | SY | 1 | SZ | -.5 | | | | | | | | | | |
| 64 | 1.2D + 1.0Ev + 1.0E... | | Y | | 1 | 1.2 | 39 | 1.2 | SX | -.5 | SY | 1 | SZ | -.8... | | | | | | | | | | |

## Joint Coordinates and Temperatures

| | Label | X [ft] | Y [ft] | Z [ft] | Temp [F] | Detach From Diap... |
|---|---|---|---|---|---|---|
| 1 | N1 | -4.5 | 0 | 2.59808 | 0 | |
| 2 | N2 | 4.5 | 0 | 2.59808 | 0 | |
| 3 | N3 | -4.5 | 0 | 2.84808 | 0 | |
| 4 | N4 | 4.5 | 0 | 2.84808 | 0 | |
| 5 | N5 | -4.5 | 0 | 9.09808 | 0 | |
| 6 | N6 | 4.5 | 0 | 9.09808 | 0 | |
| 7 | N7 | -4.5 | 3.416667 | 2.59808 | 0 | |
| 8 | N8 | 4.5 | 3.416667 | 2.59808 | 0 | |
| 9 | N9 | -4.5 | 3.416667 | 2.84808 | 0 | |
| 10 | N10 | 4.5 | 3.416667 | 2.84808 | 0 | |
| 11 | N11 | -4.5 | 3.416667 | 9.09808 | 0 | |
| 12 | N12 | 4.5 | 3.416667 | 9.09808 | 0 | |
| 13 | N13 | -4.5 | 0 | 3.639747 | 0 | |
| 14 | N14 | 4.5 | 0 | 3.639747 | 0 | |
| 15 | N15 | -4.5 | 3.416667 | 3.639747 | 0 | |
| 16 | N16 | 4.5 | 3.416667 | 3.639747 | 0 | |
| 17 | N17 | -4.5 | 0 | 6.09808 | 0 | |
| 18 | N18 | 4.5 | 0 | 6.09808 | 0 | |
| 19 | N19 | -4.5 | 3.416667 | 6.09808 | 0 | |
| 20 | N20 | 4.5 | 3.416667 | 6.09808 | 0 | |
| 21 | N21 | -4.5 | 0 | 8.431413 | 0 | |
| 22 | N22 | 4.5 | 0 | 8.431413 | 0 | |
| 23 | N23 | -4.5 | 3.416667 | 8.431413 | 0 | |
| 24 | N24 | 4.5 | 3.416667 | 8.431413 | 0 | |
| 25 | N25 | -4.5 | 0 | 8.681413 | 0 | |
| 26 | N26 | 4.5 | 0 | 8.681413 | 0 | |
| 27 | N27 | -4.5 | 3.416667 | 8.681413 | 0 | |
| 28 | N28 | 4.5 | 3.416667 | 8.681413 | 0 | |
| 29 | N29 | 4.25 | 0 | 8.681413 | 0 | |
| 30 | N30 | 4.25 | 3.416667 | 8.681413 | 0 | |
| 31 | N31 | -4.25 | 0 | 8.681413 | 0 | |
| 32 | N32 | -4.25 | 3.416667 | 8.681413 | 0 | |
| 33 | N33 | 4.25 | -.25 | 8.681413 | 0 | |
| 34 | N34 | -4.25 | -.25 | 8.681413 | 0 | |
| 35 | N35 | 4.25 | 4.75 | 8.681413 | 0 | |
| 36 | N36 | -4.25 | 4.75 | 8.681413 | 0 | |
| 37 | N39 | -4.5 | 0.291667 | 3.639747 | 0 | |
| 38 | N40 | 4.5 | 0.291667 | 3.639747 | 0 | |
| 39 | N41 | -4.5 | 0.291667 | 6.09808 | 0 | |
| 40 | N42 | 4.5 | 0.291667 | 6.09808 | 0 | |
| 41 | N43 | -4.5 | 0.291667 | 8.431413 | 0 | |
| 42 | N44 | 4.5 | 0.291667 | 8.431413 | 0 | |
| 43 | N47 | -4.5 | 3.125 | 3.639747 | 0 | |
| 44 | N48 | 4.5 | 3.125 | 3.639747 | 0 | |
| 45 | N49 | -4.5 | 3.125 | 6.09808 | 0 | |
| 46 | N50 | 4.5 | 3.125 | 6.09808 | 0 | |
| 47 | N51 | -4.5 | 3.125 | 8.431413 | 0 | |
| 48 | N52 | 4.5 | 3.125 | 8.431413 | 0 | |
| 49 | N49A | 4.25 | 4.25 | 8.681413 | 0 | |
| 50 | N50A | -4.25 | 4.25 | 8.681413 | 0 | |
| 51 | N51A | 4.25 | 0.833333 | 8.681413 | 0 | |
| 52 | N52A | -4.25 | 0.833333 | 8.681413 | 0 | |

## Joint Coordinates and Temperatures (Continued)

| | Label | X [ft] | Y [ft] | Z [ft] | Temp [F] | Detach From Diap... |
|---|---|---|---|---|---|---|
| 53 | N53 | 4.25 | 4.25 | 8.931413 | 0 | |
| 54 | N54 | -4.25 | 4.25 | 8.931413 | 0 | |
| 55 | N55 | 4.25 | 0.833333 | 8.931413 | 0 | |
| 56 | N56 | -4.25 | 0.833333 | 8.931413 | 0 | |
| 57 | N57 | -7.25 | 4.25 | 8.931413 | 0 | |
| 58 | N58 | -7.25 | 0.833333 | 8.931413 | 0 | |
| 59 | N59 | 7.75 | 4.25 | 8.931413 | 0 | |
| 60 | N60 | 7.75 | 0.833333 | 8.931413 | 0 | |
| 61 | N61 | 7.166667 | 4.25 | 8.931413 | 0 | |
| 62 | N62 | 7.166667 | 0.833333 | 8.931413 | 0 | |
| 63 | N63 | 3.916667 | 4.25 | 8.931413 | 0 | |
| 64 | N64 | 3.916667 | 0.833333 | 8.931413 | 0 | |
| 65 | N65 | 0.166667 | 4.25 | 8.931413 | 0 | |
| 66 | N66 | 0.166667 | 0.833333 | 8.931413 | 0 | |
| 67 | N67 | -3.916667 | 4.25 | 8.931413 | 0 | |
| 68 | N68 | -3.916667 | 0.833333 | 8.931413 | 0 | |
| 69 | N69 | -6.833333 | 4.25 | 8.931413 | 0 | |
| 70 | N70 | -6.833333 | 0.833333 | 8.931413 | 0 | |
| 71 | N71 | 7.166667 | 4.25 | 9.181413 | 0 | |
| 72 | N72 | 7.166667 | 0.833333 | 9.181413 | 0 | |
| 73 | N73 | 3.916667 | 4.25 | 9.181413 | 0 | |
| 74 | N74 | 3.916667 | 0.833333 | 9.181413 | 0 | |
| 75 | N75 | 0.166667 | 4.25 | 9.181413 | 0 | |
| 76 | N76 | 0.166667 | 0.833333 | 9.181413 | 0 | |
| 77 | N77 | -3.916667 | 4.25 | 9.181413 | 0 | |
| 78 | N78 | -3.916667 | 0.833333 | 9.181413 | 0 | |
| 79 | N79 | -6.833333 | 4.25 | 9.181413 | 0 | |
| 80 | N80 | -6.833333 | 0.833333 | 9.181413 | 0 | |
| 81 | N81 | 7.166667 | 7.666667 | 9.181413 | 0 | |
| 82 | N82 | 3.916667 | 7.666667 | 9.181413 | 0 | |
| 83 | N83 | 7.166667 | -0.333333 | 9.181413 | 0 | |
| 84 | N84 | 3.916667 | -0.333333 | 9.181413 | 0 | |
| 85 | N85 | 0.166667 | 5.583333 | 9.181413 | 0 | |
| 86 | N86 | -3.916667 | 5.583333 | 9.181413 | 0 | |
| 87 | N87 | 0.166667 | -0.416667 | 9.181413 | 0 | |
| 88 | N88 | -3.916667 | -0.416667 | 9.181413 | 0 | |
| 89 | N89 | -6.833333 | 7.083333 | 9.181413 | 0 | |
| 90 | N90 | -6.833333 | -0.916667 | 9.181413 | 0 | |
| 91 | N91 | -4.25 | 1.333333 | 8.681413 | 0 | |
| 92 | N92 | 4.5 | 1.333333 | 2.59808 | 0 | |
| 93 | CENTER | 0 | 0. | 0.000004 | 0 | |
| 94 | N95 | 0.000003 | 0 | -5.196154 | 0 | |
| 95 | N96 | 4.71651 | 0 | 2.473074 | 0 | |
| 96 | N97 | 0.21651 | 0 | -5.321154 | 0 | |
| 97 | N98 | 10.129168 | 0 | -0.651926 | 0 | |
| 98 | N99 | 5.629168 | 0 | -8.446154 | 0 | |
| 99 | N101 | 0.000003 | 3.416667 | -5.196154 | 0 | |
| 100 | N102 | 4.71651 | 3.416667 | 2.473074 | 0 | |
| 101 | N103 | 0.21651 | 3.416667 | -5.321154 | 0 | |
| 102 | N104 | 10.129168 | 3.416667 | -0.651926 | 0 | |
| 103 | N105 | 5.629168 | 3.416667 | -8.446154 | 0 | |
| 104 | N106 | 5.402113 | 0 | 2.077241 | 0 | |

## Joint Coordinates and Temperatures (Continued)

| | Label | X [ft] | Y [ft] | Z [ft] | Temp [F] | Detach From Diap... |
|---|---|---|---|---|---|---|
| 105 | N107 | 0.902113 | 0 | -5.716988 | 0 | |
| 106 | N108 | 5.402113 | 3.416667 | 2.077241 | 0 | |
| 107 | N109 | 0.902113 | 3.416667 | -5.716988 | 0 | |
| 108 | N110 | 7.531092 | 0 | 0.848074 | 0 | |
| 109 | N111 | 3.031092 | 0 | -6.946154 | 0 | |
| 110 | N112 | 7.531092 | 3.416667 | 0.848074 | 0 | |
| 111 | N113 | 3.031092 | 3.416667 | -6.946154 | 0 | |
| 112 | N114 | 9.551818 | 0 | -0.318592 | 0 | |
| 113 | N115 | 5.051818 | 0 | -8.112821 | 0 | |
| 114 | N116 | 9.551818 | 3.416667 | -0.318592 | 0 | |
| 115 | N117 | 5.051818 | 3.416667 | -8.112821 | 0 | |
| 116 | N118 | 9.768324 | 0 | -0.443592 | 0 | |
| 117 | N119 | 5.268324 | 0 | -8.237821 | 0 | |
| 118 | N120 | 9.768324 | 3.416667 | -0.443592 | 0 | |
| 119 | N121 | 5.268324 | 3.416667 | -8.237821 | 0 | |
| 120 | N122 | 5.393324 | 0 | -8.021315 | 0 | |
| 121 | N123 | 5.393324 | 3.416667 | -8.021315 | 0 | |
| 122 | N124 | 9.643324 | 0 | -0.660099 | 0 | |
| 123 | N125 | 9.643324 | 3.416667 | -0.660099 | 0 | |
| 124 | N126 | 5.393324 | -.25 | -8.021315 | 0 | |
| 125 | N127 | 9.643324 | -.25 | -0.660099 | 0 | |
| 126 | N128 | 5.393324 | 4.75 | -8.021315 | 0 | |
| 127 | N129 | 9.643324 | 4.75 | -0.660099 | 0 | |
| 128 | N130 | 5.402113 | 0.291667 | 2.077241 | 0 | |
| 129 | N131 | 0.902113 | 0.291667 | -5.716988 | 0 | |
| 130 | N132 | 7.531092 | 0.291667 | 0.848074 | 0 | |
| 131 | N133 | 3.031092 | 0.291667 | -6.946154 | 0 | |
| 132 | N134 | 9.551818 | 0.291667 | -0.318592 | 0 | |
| 133 | N135 | 5.051818 | 0.291667 | -8.112821 | 0 | |
| 134 | N136 | 5.402113 | 3.125 | 2.077241 | 0 | |
| 135 | N137 | 0.902113 | 3.125 | -5.716988 | 0 | |
| 136 | N138 | 7.531092 | 3.125 | 0.848074 | 0 | |
| 137 | N139 | 3.031092 | 3.125 | -6.946154 | 0 | |
| 138 | N140 | 9.551818 | 3.125 | -0.318592 | 0 | |
| 139 | N141 | 5.051818 | 3.125 | -8.112821 | 0 | |
| 140 | N142 | 5.393324 | 4.25 | -8.021315 | 0 | |
| 141 | N143 | 9.643324 | 4.25 | -0.660099 | 0 | |
| 142 | N144 | 5.393324 | 0.833333 | -8.021315 | 0 | |
| 143 | N145 | 9.643324 | 0.833333 | -0.660099 | 0 | |
| 144 | N146 | 5.609831 | 4.25 | -8.146315 | 0 | |
| 145 | N147 | 9.859831 | 4.25 | -0.785099 | 0 | |
| 146 | N148 | 5.609831 | 0.833333 | -8.146315 | 0 | |
| 147 | N149 | 9.859831 | 0.833333 | -0.785099 | 0 | |
| 148 | N150 | 11.359831 | 4.25 | 1.812978 | 0 | |
| 149 | N151 | 11.359831 | 0.833333 | 1.812978 | 0 | |
| 150 | N152 | 3.859831 | 4.25 | -11.177404 | 0 | |
| 151 | N153 | 3.859831 | 0.833333 | -11.177404 | 0 | |
| 152 | N154 | 4.151498 | 4.25 | -10.672222 | 0 | |
| 153 | N155 | 4.151498 | 0.833333 | -10.672222 | 0 | |
| 154 | N156 | 5.776498 | 4.25 | -7.857639 | 0 | |
| 155 | N157 | 5.776498 | 0.833333 | -7.857639 | 0 | |
| 156 | N158 | 7.651498 | 4.25 | -4.610044 | 0 | |

## Joint Coordinates and Temperatures (Continued)

| | Label | X [ft] | Y [ft] | Z [ft] | Temp [F] | Detach From Diap... |
|---|---|---|---|---|---|---|
| 157 | N159 | 7.651498 | 0.833333 | -4.610044 | 0 | |
| 158 | N160 | 9.693164 | 4.25 | -1.073774 | 0 | |
| 159 | N161 | 9.693164 | 0.833333 | -1.073774 | 0 | |
| 160 | N162 | 11.151498 | 4.25 | 1.452134 | 0 | |
| 161 | N163 | 11.151498 | 0.833333 | 1.452134 | 0 | |
| 162 | N164 | 4.368004 | 4.25 | -10.797222 | 0 | |
| 163 | N165 | 4.368004 | 0.833333 | -10.797222 | 0 | |
| 164 | N166 | 5.993004 | 4.25 | -7.982639 | 0 | |
| 165 | N167 | 5.993004 | 0.833333 | -7.982639 | 0 | |
| 166 | N168 | 7.868004 | 4.25 | -4.735044 | 0 | |
| 167 | N169 | 7.868004 | 0.833333 | -4.735044 | 0 | |
| 168 | N170 | 9.909671 | 4.25 | -1.198774 | 0 | |
| 169 | N171 | 9.909671 | 0.833333 | -1.198774 | 0 | |
| 170 | N172 | 11.368004 | 4.25 | 1.327134 | 0 | |
| 171 | N173 | 11.368004 | 0.833333 | 1.327134 | 0 | |
| 172 | N174 | 4.368004 | 7.666667 | -10.797222 | 0 | |
| 173 | N175 | 5.993004 | 7.666667 | -7.982639 | 0 | |
| 174 | N176 | 4.368004 | -0.333333 | -10.797222 | 0 | |
| 175 | N177 | 5.993004 | -0.333333 | -7.982639 | 0 | |
| 176 | N178 | 7.868004 | 5.583333 | -4.735044 | 0 | |
| 177 | N179 | 9.909671 | 5.583333 | -1.198774 | 0 | |
| 178 | N180 | 7.868004 | -0.416667 | -4.735044 | 0 | |
| 179 | N181 | 9.909671 | -0.416667 | -1.198774 | 0 | |
| 180 | N182 | 11.368004 | 7.083333 | 1.327134 | 0 | |
| 181 | N183 | 11.368004 | -0.916667 | 1.327134 | 0 | |
| 182 | N184 | 9.643324 | 1.333333 | -0.660099 | 0 | |
| 183 | N185 | 0.000003 | 1.333333 | -5.196154 | 0 | |
| 184 | N188 | -0.21651 | 0 | -5.321154 | 0 | |
| 185 | N189 | -4.71651 | 0 | 2.473074 | 0 | |
| 186 | N190 | -5.629168 | 0 | -8.446154 | 0 | |
| 187 | N191 | -10.129168 | 0 | -0.651926 | 0 | |
| 188 | N194 | -0.21651 | 3.416667 | -5.321154 | 0 | |
| 189 | N195 | -4.71651 | 3.416667 | 2.473074 | 0 | |
| 190 | N196 | -5.629168 | 3.416667 | -8.446154 | 0 | |
| 191 | N197 | -10.129168 | 3.416667 | -0.651926 | 0 | |
| 192 | N198 | -0.902113 | 0 | -5.716988 | 0 | |
| 193 | N199 | -5.402113 | 0 | 2.077241 | 0 | |
| 194 | N200 | -0.902113 | 3.416667 | -5.716988 | 0 | |
| 195 | N201 | -5.402113 | 3.416667 | 2.077241 | 0 | |
| 196 | N202 | -3.031092 | 0 | -6.946154 | 0 | |
| 197 | N203 | -7.531092 | 0 | 0.848074 | 0 | |
| 198 | N204 | -3.031092 | 3.416667 | -6.946154 | 0 | |
| 199 | N205 | -7.531092 | 3.416667 | 0.848074 | 0 | |
| 200 | N206 | -5.051818 | 0 | -8.112821 | 0 | |
| 201 | N207 | -9.551818 | 0 | -0.318592 | 0 | |
| 202 | N208 | -5.051818 | 3.416667 | -8.112821 | 0 | |
| 203 | N209 | -9.551818 | 3.416667 | -0.318592 | 0 | |
| 204 | N210 | -5.268324 | 0 | -8.237821 | 0 | |
| 205 | N211 | -9.768324 | 0 | -0.443592 | 0 | |
| 206 | N212 | -5.268324 | 3.416667 | -8.237821 | 0 | |
| 207 | N213 | -9.768324 | 3.416667 | -0.443592 | 0 | |
| 208 | N214 | -9.643324 | 0 | -0.660099 | 0 | |

## Joint Coordinates and Temperatures (Continued)

| | Label | X [ft] | Y [ft] | Z [ft] | Temp [F] | Detach From Diap... |
|---|---|---|---|---|---|---|
| 209 | N215 | -9.643324 | 3.416667 | -0.660099 | 0 | |
| 210 | N216 | -5.393324 | 0 | -8.021315 | 0 | |
| 211 | N217 | -5.393324 | 3.416667 | -8.021315 | 0 | |
| 212 | N218 | -9.643324 | -.25 | -0.660099 | 0 | |
| 213 | N219 | -5.393324 | -.25 | -8.021315 | 0 | |
| 214 | N220 | -9.643324 | 4.75 | -0.660099 | 0 | |
| 215 | N221 | -5.393324 | 4.75 | -8.021315 | 0 | |
| 216 | N222 | -0.902113 | 0.291667 | -5.716988 | 0 | |
| 217 | N223 | -5.402113 | 0.291667 | 2.077241 | 0 | |
| 218 | N224 | -3.031092 | 0.291667 | -6.946154 | 0 | |
| 219 | N225 | -7.531092 | 0.291667 | 0.848074 | 0 | |
| 220 | N226 | -5.051818 | 0.291667 | -8.112821 | 0 | |
| 221 | N227 | -9.551818 | 0.291667 | -0.318592 | 0 | |
| 222 | N228 | -0.902113 | 3.125 | -5.716988 | 0 | |
| 223 | N229 | -5.402113 | 3.125 | 2.077241 | 0 | |
| 224 | N230 | -3.031092 | 3.125 | -6.946154 | 0 | |
| 225 | N231 | -7.531092 | 3.125 | 0.848074 | 0 | |
| 226 | N232 | -5.051818 | 3.125 | -8.112821 | 0 | |
| 227 | N233 | -9.551818 | 3.125 | -0.318592 | 0 | |
| 228 | N234 | -9.643324 | 4.25 | -0.660099 | 0 | |
| 229 | N235 | -5.393324 | 4.25 | -8.021315 | 0 | |
| 230 | N236 | -9.643324 | 0.833333 | -0.660099 | 0 | |
| 231 | N237 | -5.393324 | 0.833333 | -8.021315 | 0 | |
| 232 | N238 | -9.859831 | 4.25 | -0.785099 | 0 | |
| 233 | N239 | -5.609831 | 4.25 | -8.146315 | 0 | |
| 234 | N240 | -9.859831 | 0.833333 | -0.785099 | 0 | |
| 235 | N241 | -5.609831 | 0.833333 | -8.146315 | 0 | |
| 236 | N242 | -4.109831 | 4.25 | -10.744391 | 0 | |
| 237 | N243 | -4.109831 | 0.833333 | -10.744391 | 0 | |
| 238 | N244 | -11.609831 | 4.25 | 2.24599 | 0 | |
| 239 | N245 | -11.609831 | 0.833333 | 2.24599 | 0 | |
| 240 | N246 | -11.318164 | 4.25 | 1.740809 | 0 | |
| 241 | N247 | -11.318164 | 0.833333 | 1.740809 | 0 | |
| 242 | N248 | -9.693164 | 4.25 | -1.073774 | 0 | |
| 243 | N249 | -9.693164 | 0.833333 | -1.073774 | 0 | |
| 244 | N250 | -7.818164 | 4.25 | -4.321369 | 0 | |
| 245 | N251 | -7.818164 | 0.833333 | -4.321369 | 0 | |
| 246 | N252 | -5.776498 | 4.25 | -7.857639 | 0 | |
| 247 | N253 | -5.776498 | 0.833333 | -7.857639 | 0 | |
| 248 | N254 | -4.318164 | 4.25 | -10.383547 | 0 | |
| 249 | N255 | -4.318164 | 0.833333 | -10.383547 | 0 | |
| 250 | N256 | -11.534671 | 4.25 | 1.615809 | 0 | |
| 251 | N257 | -11.534671 | 0.833333 | 1.615809 | 0 | |
| 252 | N258 | -9.909671 | 4.25 | -1.198774 | 0 | |
| 253 | N259 | -9.909671 | 0.833333 | -1.198774 | 0 | |
| 254 | N260 | -8.034671 | 4.25 | -4.446369 | 0 | |
| 255 | N261 | -8.034671 | 0.833333 | -4.446369 | 0 | |
| 256 | N262 | -5.993004 | 4.25 | -7.982639 | 0 | |
| 257 | N263 | -5.993004 | 0.833333 | -7.982639 | 0 | |
| 258 | N264 | -4.534671 | 4.25 | -10.508547 | 0 | |
| 259 | N265 | -4.534671 | 0.833333 | -10.508547 | 0 | |
| 260 | N266 | -11.534671 | 7.666667 | 1.615809 | 0 | |

## Joint Coordinates and Temperatures (Continued)

| | Label | X [ft] | Y [ft] | Z [ft] | Temp [F] | Detach From Diap... |
|---|---|---|---|---|---|---|
| 261 | N267 | -9.909671 | 7.666667 | -1.198774 | 0 | |
| 262 | N268 | -11.534671 | -0.333333 | 1.615809 | 0 | |
| 263 | N269 | -9.909671 | -0.333333 | -1.198774 | 0 | |
| 264 | N270 | -8.034671 | 5.583333 | -4.446369 | 0 | |
| 265 | N271 | -5.993004 | 5.583333 | -7.982639 | 0 | |
| 266 | N272 | -8.034671 | -0.416667 | -4.446369 | 0 | |
| 267 | N273 | -5.993004 | -0.416667 | -7.982639 | 0 | |
| 268 | N274 | -4.534671 | 7.083333 | -10.508547 | 0 | |
| 269 | N275 | -4.534671 | -0.916667 | -10.508547 | 0 | |
| 270 | N276 | -5.393324 | 1.333333 | -8.021315 | 0 | |
| 271 | N277 | -4.500003 | 1.333333 | 2.598074 | 0 | |
| 272 | N272A | 11.368004 | 1.333333 | 1.327134 | 0 | |

## Hot Rolled Steel Section Sets

| | Label | Shape | Type | Design List | Material | Design ... | A [in2] | Iyy [in4] | Izz [in4] | J [in4] |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Standoff End Tabs | PL3/8x3.5 | Beam | RECT | A36 Gr.36 | Typical | 1.313 | .015 | 1.34 | .057 |
| 2 | Standoff Horizontal | PIPE_2.0 | Beam | Pipe | A53 Gr. B | Typical | 1.02 | .627 | .627 | 1.25 |
| 3 | Standoff Bracing | 1.5 w 0.06 th | Beam | Pipe | A53 Gr. B | Typical | .271 | .07 | .07 | .141 |
| 4 | TES Standoff Braci... | PIPE_1.25 | Beam | Pipe | A53 Gr. B | Typical | .625 | .184 | .184 | .368 |
| 5 | Standoff Bracing Pl... | PL3/8x2.5 | Beam | RECT | A36 Gr.36 | Typical | .938 | .011 | .488 | .04 |
| 6 | Standoff Vertical | PIPE_2.0 | Column | Pipe | A53 Gr. B | Typical | 1.02 | .627 | .627 | 1.25 |
| 7 | Face Horizontal | PIPE_2.5 | Beam | Pipe | A53 Gr. B | Typical | 1.61 | 1.45 | 1.45 | 2.89 |
| 8 | Tieback | PIPE_2.5 | Beam | Pipe | A53 Gr. B | Typical | 1.61 | 1.45 | 1.45 | 2.89 |
| 9 | Mount Pipe | PIPE_2.0 | Column | Pipe | A53 Gr. B | Typical | 1.02 | .627 | .627 | 1.25 |

## Hot Rolled Steel Properties

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

## Member Primary Data

| | Label | I Joint | J Joint | K Joint | Rotate(deg) | Section/Shape | Type | Design List | Material | Design Rules |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | M1 | N7 | N9 | | 90 | Standoff End T... | Beam | RECT | A36 Gr.36 | Typical |
| 2 | M2 | N1 | N3 | | 90 | Standoff End T... | Beam | RECT | A36 Gr.36 | Typical |
| 3 | M3 | N8 | N10 | | 90 | Standoff End T... | Beam | RECT | A36 Gr.36 | Typical |
| 4 | M4 | N2 | N4 | | 90 | Standoff End T... | Beam | RECT | A36 Gr.36 | Typical |
| 5 | M5 | N9 | N11 | | | Standoff Horiz... | Beam | Pipe | A53 Gr. B | Typical |
| 6 | M6 | N3 | N5 | | | Standoff Horiz... | Beam | Pipe | A53 Gr. B | Typical |
| 7 | M7 | N10 | N12 | | | Standoff Horiz... | Beam | Pipe | A53 Gr. B | Typical |
| 8 | M8 | N4 | N6 | | | Standoff Horiz... | Beam | Pipe | A53 Gr. B | Typical |
| 9 | M9 | N27 | N32 | | | RIGID | None | None | RIGID | Typical |
| 10 | M10 | N25 | N31 | | | RIGID | None | None | RIGID | Typical |
| 11 | M11 | N28 | N30 | | | RIGID | None | None | RIGID | Typical |

## Member Primary Data (Continued)

| | Label | I Joint | J Joint | K Joint | Rotate(deg) | Section/Shape | Type | Design List | Material | Design Rules |
|---|---|---|---|---|---|---|---|---|---|---|
| 12 | M12 | N26 | N29 | | | RIGID | None | None | RIGID | Typical |
| 13 | M13 | N36 | N34 | | | Standoff Vertical | Column | Pipe | A53 Gr. B | Typical |
| 14 | M14 | N35 | N33 | | | Standoff Vertical | Column | Pipe | A53 Gr. B | Typical |
| 15 | M16 | N15 | N47 | | 90 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 16 | M17 | N19 | N49 | | 90 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 17 | M18 | N23 | N51 | | 90 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 18 | M19 | N43 | N21 | | 90 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 19 | M20 | N41 | N17 | | 90 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 20 | M21 | N39 | N13 | | 90 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 21 | M24 | N16 | N48 | | 90 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 22 | M25 | N20 | N50 | | 90 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 23 | M26 | N24 | N52 | | 90 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 24 | M27 | N44 | N22 | | 90 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 25 | M28 | N42 | N18 | | 90 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 26 | M29 | N40 | N14 | | 90 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 27 | M32 | N47 | N39 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 28 | M33 | N49 | N41 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 29 | M34 | N51 | N43 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 30 | M35 | N47 | N41 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 31 | M36 | N49 | N43 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 32 | M37 | N48 | N40 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 33 | M38 | N50 | N42 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 34 | M39 | N52 | N44 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 35 | M40 | N48 | N42 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 36 | M41 | N50 | N44 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 37 | M37A | N50A | N54 | | | RIGID | None | None | RIGID | Typical |
| 38 | M38A | N52A | N56 | | | RIGID | None | None | RIGID | Typical |
| 39 | M39A | N49A | N53 | | | RIGID | None | None | RIGID | Typical |
| 40 | M40A | N51A | N55 | | | RIGID | None | None | RIGID | Typical |
| 41 | M41A | N57 | N59 | | | Face Horizontal | Beam | Pipe | A53 Gr. B | Typical |
| 42 | FACE | N58 | N60 | | | Face Horizontal | Beam | Pipe | A53 Gr. B | Typical |
| 43 | M43 | N69 | N79 | | | RIGID | None | None | RIGID | Typical |
| 44 | M44 | N70 | N80 | | | RIGID | None | None | RIGID | Typical |
| 45 | M45 | N67 | N77 | | | RIGID | None | None | RIGID | Typical |
| 46 | M46 | N68 | N78 | | | RIGID | None | None | RIGID | Typical |
| 47 | M47 | N65 | N75 | | | RIGID | None | None | RIGID | Typical |
| 48 | LIVE2 | N66 | N76 | | | RIGID | None | None | RIGID | Typical |
| 49 | M49 | N63 | N73 | | | RIGID | None | None | RIGID | Typical |
| 50 | M50 | N64 | N74 | | | RIGID | None | None | RIGID | Typical |
| 51 | M51 | N61 | N71 | | | RIGID | None | None | RIGID | Typical |
| 52 | LIVE1 | N62 | N72 | | | RIGID | None | None | RIGID | Typical |
| 53 | MP1A | N81 | N83 | | | Mount Pipe | Column | Pipe | A53 Gr. B | Typical |
| 54 | MP2A | N82 | N84 | | | Mount Pipe | Column | Pipe | A53 Gr. B | Typical |
| 55 | MP3A | N85 | N87 | | | Mount Pipe | Column | Pipe | A53 Gr. B | Typical |
| 56 | MP4A | N86 | N88 | | | Mount Pipe | Column | Pipe | A53 Gr. B | Typical |
| 57 | MP5A | N89 | N90 | | | Mount Pipe | Column | Pipe | A53 Gr. B | Typical |
| 58 | M58 | N91 | N92 | | | Tieback | Beam | Pipe | A53 Gr. B | Typical |
| 59 | M59 | N8 | N102 | | 90 | Standoff End T... | Beam | RECT | A36 Gr.36 | Typical |
| 60 | M60 | N2 | N96 | | 90 | Standoff End T... | Beam | RECT | A36 Gr.36 | Typical |
| 61 | M61 | N101 | N103 | | 90 | Standoff End T... | Beam | RECT | A36 Gr.36 | Typical |
| 62 | M62 | N95 | N97 | | 90 | Standoff End T... | Beam | RECT | A36 Gr.36 | Typical |
| 63 | M63 | N102 | N104 | | | Standoff Horiz... | Beam | 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 64 | M64 | N96 | N98 | | | Standoff Horiz... | Beam | Pipe | A53 Gr. B | Typical |
| 65 | M65 | N103 | N105 | | | Standoff Horiz... | Beam | Pipe | A53 Gr. B | Typical |
| 66 | M66 | N97 | N99 | | | Standoff Horiz... | Beam | Pipe | A53 Gr. B | Typical |
| 67 | M67 | N120 | N125 | | | RIGID | None | None | RIGID | Typical |
| 68 | M68 | N118 | N124 | | | RIGID | None | None | RIGID | Typical |
| 69 | M69 | N121 | N123 | | | RIGID | None | None | RIGID | Typical |
| 70 | M70 | N119 | N122 | | | RIGID | None | None | RIGID | Typical |
| 71 | M71 | N129 | N127 | | | Standoff Vertical | Column | Pipe | A53 Gr. B | Typical |
| 72 | M72 | N128 | N126 | | | Standoff Vertical | Column | Pipe | A53 Gr. B | Typical |
| 73 | M73 | N108 | N136 | | 330 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 74 | M74 | N112 | N138 | | 330 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 75 | M75 | N116 | N140 | | 330 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 76 | M76 | N134 | N114 | | 330 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 77 | M77 | N132 | N110 | | 330 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 78 | M78 | N130 | N106 | | 330 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 79 | M79 | N109 | N137 | | 330 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 80 | M80 | N113 | N139 | | 330 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 81 | M81 | N117 | N141 | | 330 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 82 | M82 | N135 | N115 | | 330 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 83 | M83 | N133 | N111 | | 330 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 84 | M84 | N131 | N107 | | 330 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 85 | M85 | N136 | N130 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 86 | M86 | N138 | N132 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 87 | M87 | N140 | N134 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 88 | M88 | N136 | N132 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 89 | M89 | N138 | N134 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 90 | M90 | N137 | N131 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 91 | M91 | N139 | N133 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 92 | M92 | N141 | N135 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 93 | M93 | N137 | N133 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 94 | M94 | N139 | N135 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 95 | M95 | N143 | N147 | | | RIGID | None | None | RIGID | Typical |
| 96 | M96 | N145 | N149 | | | RIGID | None | None | RIGID | Typical |
| 97 | M97 | N142 | N146 | | | RIGID | None | None | RIGID | Typical |
| 98 | M98 | N144 | N148 | | | RIGID | None | None | RIGID | Typical |
| 99 | M99 | N150 | N152 | | | Face Horizontal | Beam | Pipe | A53 Gr. B | Typical |
| 100 | M100 | N151 | N153 | | | Face Horizontal | Beam | Pipe | A53 Gr. B | Typical |
| 101 | M101 | N162 | N172 | | | RIGID | None | None | RIGID | Typical |
| 102 | M102 | N163 | N173 | | | RIGID | None | None | RIGID | Typical |
| 103 | M103 | N160 | N170 | | | RIGID | None | None | RIGID | Typical |
| 104 | M104 | N161 | N171 | | | RIGID | None | None | RIGID | Typical |
| 105 | M105 | N158 | N168 | | | RIGID | None | None | RIGID | Typical |
| 106 | M106 | N159 | N169 | | | RIGID | None | None | RIGID | Typical |
| 107 | M107 | N156 | N166 | | | RIGID | None | None | RIGID | Typical |
| 108 | M108 | N157 | N167 | | | RIGID | None | None | RIGID | Typical |
| 109 | M109 | N154 | N164 | | | RIGID | None | None | RIGID | Typical |
| 110 | M110 | N155 | N165 | | | RIGID | None | None | RIGID | Typical |
| 111 | MP1C | N174 | N176 | | | Mount Pipe | Column | Pipe | A53 Gr. B | Typical |
| 112 | MP2C | N175 | N177 | | | Mount Pipe | Column | Pipe | A53 Gr. B | Typical |
| 113 | MP3C | N178 | N180 | | | Mount Pipe | Column | Pipe | A53 Gr. B | Typical |
| 114 | MP4C | N179 | N181 | | | Mount Pipe | Column | Pipe | A53 Gr. B | Typical |
| 115 | MP5C | N182 | N183 | | | 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 116 | M116 | N272A | N185 | | | Tieback | Beam | Pipe | A53 Gr. B | Typical |
| 117 | M117 | N101 | N194 | | 90 | Standoff End T... | Beam | RECT | A36 Gr.36 | Typical |
| 118 | M118 | N95 | N188 | | 90 | Standoff End T... | Beam | RECT | A36 Gr.36 | Typical |
| 119 | M119 | N7 | N195 | | 90 | Standoff End T... | Beam | RECT | A36 Gr.36 | Typical |
| 120 | M120 | N1 | N189 | | 90 | Standoff End T... | Beam | RECT | A36 Gr.36 | Typical |
| 121 | M121 | N194 | N196 | | | Standoff Horiz... | Beam | Pipe | A53 Gr. B | Typical |
| 122 | M122 | N188 | N190 | | | Standoff Horiz... | Beam | Pipe | A53 Gr. B | Typical |
| 123 | M123 | N195 | N197 | | | Standoff Horiz... | Beam | Pipe | A53 Gr. B | Typical |
| 124 | M124 | N189 | N191 | | | Standoff Horiz... | Beam | Pipe | A53 Gr. B | Typical |
| 125 | M125 | N212 | N217 | | | RIGID | None | None | RIGID | Typical |
| 126 | M126 | N210 | N216 | | | RIGID | None | None | RIGID | Typical |
| 127 | M127 | N213 | N215 | | | RIGID | None | None | RIGID | Typical |
| 128 | M128 | N211 | N214 | | | RIGID | None | None | RIGID | Typical |
| 129 | M129 | N221 | N219 | | | Standoff Vertical | Column | Pipe | A53 Gr. B | Typical |
| 130 | M130 | N220 | N218 | | | Standoff Vertical | Column | Pipe | A53 Gr. B | Typical |
| 131 | M131 | N200 | N228 | | 210 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 132 | M132 | N204 | N230 | | 210 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 133 | M133 | N208 | N232 | | 210 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 134 | M134 | N226 | N206 | | 210 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 135 | M135 | N224 | N202 | | 210 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 136 | M136 | N222 | N198 | | 210 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 137 | M137 | N201 | N229 | | 210 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 138 | M138 | N205 | N231 | | 210 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 139 | M139 | N209 | N233 | | 210 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 140 | M140 | N227 | N207 | | 210 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 141 | M141 | N225 | N203 | | 210 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 142 | M142 | N223 | N199 | | 210 | Standoff Braci... | Beam | RECT | A36 Gr.36 | Typical |
| 143 | M143 | N228 | N222 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 144 | M144 | N230 | N224 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 145 | M145 | N232 | N226 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 146 | M146 | N228 | N224 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 147 | M147 | N230 | N226 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 148 | M148 | N229 | N223 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 149 | M149 | N231 | N225 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 150 | M150 | N233 | N227 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 151 | M151 | N229 | N225 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 152 | M152 | N231 | N227 | | | Standoff Bracing | Beam | Pipe | A53 Gr. B | Typical |
| 153 | M153 | N235 | N239 | | | RIGID | None | None | RIGID | Typical |
| 154 | M154 | N237 | N241 | | | RIGID | None | None | RIGID | Typical |
| 155 | M155 | N234 | N238 | | | RIGID | None | None | RIGID | Typical |
| 156 | M156 | N236 | N240 | | | RIGID | None | None | RIGID | Typical |
| 157 | M157 | N242 | N244 | | | Face Horizontal | Beam | Pipe | A53 Gr. B | Typical |
| 158 | M158 | N243 | N245 | | | Face Horizontal | Beam | Pipe | A53 Gr. B | Typical |
| 159 | M159 | N254 | N264 | | | RIGID | None | None | RIGID | Typical |
| 160 | M160 | N255 | N265 | | | RIGID | None | None | RIGID | Typical |
| 161 | M161 | N252 | N262 | | | RIGID | None | None | RIGID | Typical |
| 162 | M162 | N253 | N263 | | | RIGID | None | None | RIGID | Typical |
| 163 | M163 | N250 | N260 | | | RIGID | None | None | RIGID | Typical |
| 164 | M164 | N251 | N261 | | | RIGID | None | None | RIGID | Typical |
| 165 | M165 | N248 | N258 | | | RIGID | None | None | RIGID | Typical |
| 166 | M166 | N249 | N259 | | | RIGID | None | None | RIGID | Typical |
| 167 | M167 | N246 | N256 | | | RIGID | None | None | RIGID | Typical |

## Member Primary Data (Continued)

| | Label | I Joint | J Joint | K Joint | Rotate(deg) | Section/Shape | Type | Design List | Material | Design Rules |
|---|---|---|---|---|---|---|---|---|---|---|
| 168 | M168 | N247 | N257 | | | RIGID | None | None | RIGID | Typical |
| 169 | MP1B | N266 | N268 | | | Mount Pipe | Column | Pipe | A53 Gr. B | Typical |
| 170 | MP2B | N267 | N269 | | | Mount Pipe | Column | Pipe | A53 Gr. B | Typical |
| 171 | MP3B | N270 | N272 | | | Mount Pipe | Column | Pipe | A53 Gr. B | Typical |
| 172 | MP4B | N271 | N273 | | | Mount Pipe | Column | Pipe | A53 Gr. B | Typical |
| 173 | MP5B | N274 | N275 | | | Mount Pipe | Column | Pipe | A53 Gr. B | Typical |
| 174 | M174 | N276 | N277 | | | Tieback | Beam | Pipe | A53 Gr. B | Typical |

## Member Advanced Data

| | Label | I Release | J Release | I Offset[in] | J Offset[in] | T/C Only | Physical | Defl Rat... | Analysis ... | Inactive | Seismic... |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | M1 | | | | | | Yes | | | | None |
| 2 | M2 | | | | | | Yes | | | | None |
| 3 | M3 | | | | | | Yes | | | | None |
| 4 | M4 | | | | | | Yes | | | | None |
| 5 | M5 | OOOOOX | | | | | Yes | | | | None |
| 6 | M6 | OOOOOX | | | | | Yes | | | | None |
| 7 | M7 | OOOOOX | | | | | Yes | | | | None |
| 8 | M8 | OOOOOX | | | | | Yes | | | | None |
| 9 | M9 | | | | | | Yes | ** NA ** | | | None |
| 10 | M10 | | | | | | Yes | ** NA ** | | | None |
| 11 | M11 | | | | | | Yes | ** NA ** | | | None |
| 12 | M12 | | | | | | Yes | ** NA ** | | | None |
| 13 | M13 | | | | | | Yes | ** NA ** | | | None |
| 14 | M14 | | | | | | Yes | ** NA ** | | | None |
| 15 | M16 | | | | | | Yes | | | | None |
| 16 | M17 | | | | | | Yes | | | | None |
| 17 | M18 | | | | | | Yes | | | | None |
| 18 | M19 | | | | | | Yes | | | | None |
| 19 | M20 | | | | | | Yes | | | | None |
| 20 | M21 | | | | | | Yes | | | | None |
| 21 | M24 | | | | | | Yes | | | | None |
| 22 | M25 | | | | | | Yes | | | | None |
| 23 | M26 | | | | | | Yes | | | | None |
| 24 | M27 | | | | | | Yes | | | | None |
| 25 | M28 | | | | | | Yes | | | | None |
| 26 | M29 | | | | | | Yes | | | | None |
| 27 | M32 | BenPIN | BenPIN | | | | Yes | | | | None |
| 28 | M33 | BenPIN | BenPIN | | | | Yes | | | | None |
| 29 | M34 | BenPIN | BenPIN | | | | Yes | | | | None |
| 30 | M35 | BenPIN | BenPIN | | | | Yes | | | | None |
| 31 | M36 | BenPIN | BenPIN | | | | Yes | | | | None |
| 32 | M37 | BenPIN | BenPIN | | | | Yes | | | | None |
| 33 | M38 | BenPIN | BenPIN | | | | Yes | | | | None |
| 34 | M39 | BenPIN | BenPIN | | | | Yes | | | | None |
| 35 | M40 | BenPIN | BenPIN | | | | Yes | | | | None |
| 36 | M41 | BenPIN | BenPIN | | | | Yes | | | | None |
| 37 | M37A | | | | | | Yes | ** NA ** | | | None |
| 38 | M38A | | | | | | Yes | ** NA ** | | | None |
| 39 | M39A | | | | | | Yes | ** NA ** | | | None |
| 40 | M40A | | | | | | 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 ... |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 41 | M41A | | | | | | Yes | | | | None |
| 42 | FACE | | | | | | Yes | | | | None |
| 43 | M43 | | | | | | Yes | ** NA ** | | | None |
| 44 | M44 | | | | | | Yes | ** NA ** | | | None |
| 45 | M45 | | | | | | Yes | ** NA ** | | | None |
| 46 | M46 | | | | | | Yes | ** NA ** | | | None |
| 47 | M47 | | | | | | Yes | ** NA ** | | | None |
| 48 | LIVE2 | | | | | | Yes | ** NA ** | | | None |
| 49 | M49 | | | | | | Yes | ** NA ** | | | None |
| 50 | M50 | | | | | | Yes | ** NA ** | | | None |
| 51 | M51 | | | | | | Yes | ** NA ** | | | None |
| 52 | LIVE1 | | | | | | Yes | ** NA ** | | | None |
| 53 | MP1A | | | | | | Yes | ** NA ** | | | None |
| 54 | MP2A | | | | | | Yes | ** NA ** | | | None |
| 55 | MP3A | | | | | | Yes | ** NA ** | | | None |
| 56 | MP4A | | | | | | Yes | ** NA ** | | | None |
| 57 | MP5A | | | | | | Yes | ** NA ** | | | None |
| 58 | M58 | OOOOXO | | | | | Yes | Default | | | None |
| 59 | M59 | | | | | | Yes | | | | None |
| 60 | M60 | | | | | | Yes | | | | None |
| 61 | M61 | | | | | | Yes | | | | None |
| 62 | M62 | | | | | | Yes | | | | None |
| 63 | M63 | OOOOOX | | | | | Yes | | | | None |
| 64 | M64 | OOOOOX | | | | | Yes | | | | None |
| 65 | M65 | OOOOOX | | | | | Yes | | | | None |
| 66 | M66 | OOOOOX | | | | | Yes | | | | None |
| 67 | M67 | | | | | | Yes | ** NA ** | | | None |
| 68 | M68 | | | | | | Yes | ** NA ** | | | None |
| 69 | M69 | | | | | | Yes | ** NA ** | | | None |
| 70 | M70 | | | | | | Yes | ** NA ** | | | None |
| 71 | M71 | | | | | | Yes | ** NA ** | | | None |
| 72 | M72 | | | | | | Yes | ** NA ** | | | None |
| 73 | M73 | | | | | | Yes | | | | None |
| 74 | M74 | | | | | | Yes | | | | None |
| 75 | M75 | | | | | | Yes | | | | None |
| 76 | M76 | | | | | | Yes | | | | None |
| 77 | M77 | | | | | | Yes | | | | None |
| 78 | M78 | | | | | | Yes | | | | None |
| 79 | M79 | | | | | | Yes | | | | None |
| 80 | M80 | | | | | | Yes | | | | None |
| 81 | M81 | | | | | | Yes | | | | None |
| 82 | M82 | | | | | | Yes | | | | None |
| 83 | M83 | | | | | | Yes | | | | None |
| 84 | M84 | | | | | | Yes | | | | None |
| 85 | M85 | BenPIN | BenPIN | | | | Yes | | | | None |
| 86 | M86 | BenPIN | BenPIN | | | | Yes | | | | None |
| 87 | M87 | BenPIN | BenPIN | | | | Yes | | | | None |
| 88 | M88 | BenPIN | BenPIN | | | | Yes | | | | None |
| 89 | M89 | BenPIN | BenPIN | | | | Yes | | | | None |
| 90 | M90 | BenPIN | BenPIN | | | | Yes | | | | None |
| 91 | M91 | BenPIN | BenPIN | | | | Yes | | | | None |
| 92 | M92 | BenPIN | BenPIN | | | | Yes | | | | None |

## Member Advanced Data (Continued)

| | Label | I Release | J Release | I Offset[in] | J Offset[in] | T/C Only | Physical | Defl Rat... | Analysis ... | Inactive | Seismic... |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 93 | M93 | BenPIN | BenPIN | | | | Yes | | | | None |
| 94 | M94 | BenPIN | BenPIN | | | | Yes | | | | None |
| 95 | M95 | | | | | | Yes | ** NA ** | | | None |
| 96 | M96 | | | | | | Yes | ** NA ** | | | None |
| 97 | M97 | | | | | | Yes | ** NA ** | | | None |
| 98 | M98 | | | | | | Yes | ** NA ** | | | None |
| 99 | M99 | | | | | | Yes | | | | None |
| 100 | M100 | | | | | | Yes | | | | None |
| 101 | M101 | | | | | | Yes | ** NA ** | | | None |
| 102 | M102 | | | | | | Yes | ** NA ** | | | None |
| 103 | M103 | | | | | | Yes | ** NA ** | | | None |
| 104 | M104 | | | | | | Yes | ** NA ** | | | None |
| 105 | M105 | | | | | | Yes | ** NA ** | | | None |
| 106 | M106 | | | | | | Yes | ** NA ** | | | None |
| 107 | M107 | | | | | | Yes | ** NA ** | | | None |
| 108 | M108 | | | | | | Yes | ** NA ** | | | None |
| 109 | M109 | | | | | | Yes | ** NA ** | | | None |
| 110 | M110 | | | | | | Yes | ** NA ** | | | None |
| 111 | MP1C | | | | | | Yes | ** NA ** | | | None |
| 112 | MP2C | | | | | | Yes | ** NA ** | | | None |
| 113 | MP3C | | | | | | Yes | ** NA ** | | | None |
| 114 | MP4C | | | | | | Yes | ** NA ** | | | None |
| 115 | MP5C | | | | | | Yes | ** NA ** | | | None |
| 116 | M116 | OOOOXO | | | | | Yes | Default | | | None |
| 117 | M117 | | | | | | Yes | | | | None |
| 118 | M118 | | | | | | Yes | | | | None |
| 119 | M119 | | | | | | Yes | | | | None |
| 120 | M120 | | | | | | Yes | | | | None |
| 121 | M121 | OOOOOX | | | | | Yes | | | | None |
| 122 | M122 | OOOOOX | | | | | Yes | | | | None |
| 123 | M123 | OOOOOX | | | | | Yes | | | | None |
| 124 | M124 | OOOOOX | | | | | Yes | | | | None |
| 125 | M125 | | | | | | Yes | ** NA ** | | | None |
| 126 | M126 | | | | | | Yes | ** NA ** | | | None |
| 127 | M127 | | | | | | Yes | ** NA ** | | | None |
| 128 | M128 | | | | | | Yes | ** NA ** | | | None |
| 129 | M129 | | | | | | Yes | ** NA ** | | | None |
| 130 | M130 | | | | | | Yes | ** NA ** | | | None |
| 131 | M131 | | | | | | Yes | | | | None |
| 132 | M132 | | | | | | Yes | | | | None |
| 133 | M133 | | | | | | Yes | | | | None |
| 134 | M134 | | | | | | Yes | | | | None |
| 135 | M135 | | | | | | Yes | | | | None |
| 136 | M136 | | | | | | Yes | | | | None |
| 137 | M137 | | | | | | Yes | | | | None |
| 138 | M138 | | | | | | Yes | | | | None |
| 139 | M139 | | | | | | Yes | | | | None |
| 140 | M140 | | | | | | Yes | | | | None |
| 141 | M141 | | | | | | Yes | | | | None |
| 142 | M142 | | | | | | Yes | | | | None |
| 143 | M143 | BenPIN | BenPIN | | | | Yes | | | | None |
| 144 | M144 | BenPIN | BenPIN | | | | Yes | | | | None |

## Member Advanced Data (Continued)

| | Label | I Release | J Release | I Offset[in] | J Offset[in] | T/C Only | Physical | Defl Rat... | Analysis ... | Inactive | Seismic ... |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 145 | M145 | BenPIN | BenPIN | | | | Yes | | | | None |
| 146 | M146 | BenPIN | BenPIN | | | | Yes | | | | None |
| 147 | M147 | BenPIN | BenPIN | | | | Yes | | | | None |
| 148 | M148 | BenPIN | BenPIN | | | | Yes | | | | None |
| 149 | M149 | BenPIN | BenPIN | | | | Yes | | | | None |
| 150 | M150 | BenPIN | BenPIN | | | | Yes | | | | None |
| 151 | M151 | BenPIN | BenPIN | | | | Yes | | | | None |
| 152 | M152 | BenPIN | BenPIN | | | | Yes | | | | None |
| 153 | M153 | | | | | | Yes | ** NA ** | | | None |
| 154 | M154 | | | | | | Yes | ** NA ** | | | None |
| 155 | M155 | | | | | | Yes | ** NA ** | | | None |
| 156 | M156 | | | | | | Yes | ** NA ** | | | None |
| 157 | M157 | | | | | | Yes | | | | None |
| 158 | M158 | | | | | | Yes | | | | None |
| 159 | M159 | | | | | | Yes | ** NA ** | | | None |
| 160 | M160 | | | | | | Yes | ** NA ** | | | None |
| 161 | M161 | | | | | | Yes | ** NA ** | | | None |
| 162 | M162 | | | | | | Yes | ** NA ** | | | None |
| 163 | M163 | | | | | | Yes | ** NA ** | | | None |
| 164 | M164 | | | | | | Yes | ** NA ** | | | None |
| 165 | M165 | | | | | | Yes | ** NA ** | | | None |
| 166 | M166 | | | | | | Yes | ** NA ** | | | None |
| 167 | M167 | | | | | | Yes | ** NA ** | | | None |
| 168 | M168 | | | | | | Yes | ** NA ** | | | None |
| 169 | MP1B | | | | | | Yes | ** NA ** | | | None |
| 170 | MP2B | | | | | | Yes | ** NA ** | | | None |
| 171 | MP3B | | | | | | Yes | ** NA ** | | | None |
| 172 | MP4B | | | | | | Yes | ** NA ** | | | None |
| 173 | MP5B | | | | | | Yes | ** NA ** | | | None |
| 174 | M174 | OOOOXO | | | | | Yes | Default | | | None |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | Y | -43.55 | 3.75 |
| 2 | MP1A | My | -.022 | 3.75 |
| 3 | MP1A | Mz | 0 | 3.75 |
| 4 | MP1A | Y | -43.55 | 5 |
| 5 | MP1A | My | -.022 | 5 |
| 6 | MP1A | Mz | 0 | 5 |
| 7 | MP1B | Y | -43.55 | 3.75 |
| 8 | MP1B | My | .017 | 3.75 |
| 9 | MP1B | Mz | -.014 | 3.75 |
| 10 | MP1B | Y | -43.55 | 5 |
| 11 | MP1B | My | .017 | 5 |
| 12 | MP1B | Mz | -.014 | 5 |
| 13 | MP1C | Y | -43.55 | 3.75 |
| 14 | MP1C | My | .004 | 3.75 |
| 15 | MP1C | Mz | .021 | 3.75 |
| 16 | MP1C | Y | -43.55 | 5 |
| 17 | MP1C | My | .004 | 5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 18 | MP1C | Mz | .021 | 5 |
| 19 | MP3A | Y | -20.8 | 1 |
| 20 | MP3A | My | .01 | 1 |
| 21 | MP3A | Mz | 0 | 1 |
| 22 | MP3C | Y | -20.8 | 1 |
| 23 | MP3C | My | -.002 | 1 |
| 24 | MP3C | Mz | -.01 | 1 |
| 25 | MP2A | Y | -84.4 | 5 |
| 26 | MP2A | My | .042 | 5 |
| 27 | MP2A | Mz | 0 | 5 |
| 28 | MP2B | Y | -84.4 | 5 |
| 29 | MP2B | My | -.032 | 5 |
| 30 | MP2B | Mz | .027 | 5 |
| 31 | MP2C | Y | -84.4 | 5 |
| 32 | MP2C | My | -.007 | 5 |
| 33 | MP2C | Mz | -.042 | 5 |
| 34 | MP3A | Y | -31.65 | .5 |
| 35 | MP3A | My | -.016 | .5 |
| 36 | MP3A | Mz | .018 | .5 |
| 37 | MP3A | Y | -31.65 | 5.5 |
| 38 | MP3A | My | -.016 | 5.5 |
| 39 | MP3A | Mz | .018 | 5.5 |
| 40 | MP3C | Y | -31.65 | .5 |
| 41 | MP3C | My | .021 | .5 |
| 42 | MP3C | Mz | .012 | .5 |
| 43 | MP3C | Y | -31.65 | 5.5 |
| 44 | MP3C | My | .021 | 5.5 |
| 45 | MP3C | Mz | .012 | 5.5 |
| 46 | MP3A | Y | -31.65 | .5 |
| 47 | MP3A | My | -.016 | .5 |
| 48 | MP3A | Mz | -.018 | .5 |
| 49 | MP3A | Y | -31.65 | 5.5 |
| 50 | MP3A | My | -.016 | 5.5 |
| 51 | MP3A | Mz | -.018 | 5.5 |
| 52 | MP3C | Y | -31.65 | .5 |
| 53 | MP3C | My | -.015 | .5 |
| 54 | MP3C | Mz | .019 | .5 |
| 55 | MP3C | Y | -31.65 | 5.5 |
| 56 | MP3C | My | -.015 | 5.5 |
| 57 | MP3C | Mz | .019 | 5.5 |
| 58 | MP3B | Y | -31.65 | .5 |
| 59 | MP3B | My | .000255 | .5 |
| 60 | MP3B | Mz | -.024 | .5 |
| 61 | MP3B | Y | -31.65 | 5.5 |
| 62 | MP3B | My | .000255 | 5.5 |
| 63 | MP3B | Mz | -.024 | 5.5 |
| 64 | MP3B | Y | -31.65 | .5 |
| 65 | MP3B | My | .024 | .5 |
| 66 | MP3B | Mz | .004 | .5 |
| 67 | MP3B | Y | -31.65 | 5.5 |
| 68 | MP3B | My | .024 | 5.5 |
| 69 | MP3B | Mz | .004 | 5.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 70 | MP5A | Y | -22.95 | 2.5 |
| 71 | MP5A | My | -.011 | 2.5 |
| 72 | MP5A | Mz | 0 | 2.5 |
| 73 | MP5A | Y | -22.95 | 7.5 |
| 74 | MP5A | My | -.011 | 7.5 |
| 75 | MP5A | Mz | 0 | 7.5 |
| 76 | MP5B | Y | -22.95 | 2.5 |
| 77 | MP5B | My | .007 | 2.5 |
| 78 | MP5B | Mz | -.009 | 2.5 |
| 79 | MP5B | Y | -22.95 | 7.5 |
| 80 | MP5B | My | .007 | 7.5 |
| 81 | MP5B | Mz | -.009 | 7.5 |
| 82 | MP5C | Y | -22.95 | 2.5 |
| 83 | MP5C | My | .002 | 2.5 |
| 84 | MP5C | Mz | .011 | 2.5 |
| 85 | MP5C | Y | -22.95 | 7.5 |
| 86 | MP5C | My | .002 | 7.5 |
| 87 | MP5C | Mz | .011 | 7.5 |
| 88 | MP3B | Y | -20.8 | 3.5 |
| 89 | MP3B | My | -.008 | 3.5 |
| 90 | MP3B | Mz | .007 | 3.5 |
| 91 | MP3A | Y | -70.3 | 3 |
| 92 | MP3A | My | -.035 | 3 |
| 93 | MP3A | Mz | 0 | 3 |
| 94 | MP3B | Y | -70.3 | 1 |
| 95 | MP3B | My | .027 | 1 |
| 96 | MP3B | Mz | -.023 | 1 |
| 97 | MP3C | Y | -70.3 | 3 |
| 98 | MP3C | My | .006 | 3 |
| 99 | MP3C | Mz | .035 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | Y | -35.913 | 3.75 |
| 2 | MP1A | My | -.018 | 3.75 |
| 3 | MP1A | Mz | 0 | 3.75 |
| 4 | MP1A | Y | -35.913 | 5 |
| 5 | MP1A | My | -.018 | 5 |
| 6 | MP1A | Mz | 0 | 5 |
| 7 | MP1B | Y | -35.913 | 3.75 |
| 8 | MP1B | My | .014 | 3.75 |
| 9 | MP1B | Mz | -.012 | 3.75 |
| 10 | MP1B | Y | -35.913 | 5 |
| 11 | MP1B | My | .014 | 5 |
| 12 | MP1B | Mz | -.012 | 5 |
| 13 | MP1C | Y | -35.913 | 3.75 |
| 14 | MP1C | My | .003 | 3.75 |
| 15 | MP1C | Mz | .018 | 3.75 |
| 16 | MP1C | Y | -35.913 | 5 |
| 17 | MP1C | My | .003 | 5 |
| 18 | MP1C | Mz | .018 | 5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 19 | MP3A | Y | -10.843 | 1 |
| 20 | MP3A | My | .005 | 1 |
| 21 | MP3A | Mz | 0 | 1 |
| 22 | MP3C | Y | -10.843 | 1 |
| 23 | MP3C | My | -.000941 | 1 |
| 24 | MP3C | Mz | -.005 | 1 |
| 25 | MP2A | Y | -45.283 | 5 |
| 26 | MP2A | My | .023 | 5 |
| 27 | MP2A | Mz | 0 | 5 |
| 28 | MP2B | Y | -45.283 | 5 |
| 29 | MP2B | My | -.017 | 5 |
| 30 | MP2B | Mz | .015 | 5 |
| 31 | MP2C | Y | -45.283 | 5 |
| 32 | MP2C | My | -.004 | 5 |
| 33 | MP2C | Mz | -.022 | 5 |
| 34 | MP3A | Y | -70.525 | .5 |
| 35 | MP3A | My | -.035 | .5 |
| 36 | MP3A | Mz | .041 | .5 |
| 37 | MP3A | Y | -70.525 | 5.5 |
| 38 | MP3A | My | -.035 | 5.5 |
| 39 | MP3A | Mz | .041 | 5.5 |
| 40 | MP3C | Y | -70.525 | .5 |
| 41 | MP3C | My | .047 | .5 |
| 42 | MP3C | Mz | .028 | .5 |
| 43 | MP3C | Y | -70.525 | 5.5 |
| 44 | MP3C | My | .047 | 5.5 |
| 45 | MP3C | Mz | .028 | 5.5 |
| 46 | MP3A | Y | -70.525 | .5 |
| 47 | MP3A | My | -.035 | .5 |
| 48 | MP3A | Mz | -.041 | .5 |
| 49 | MP3A | Y | -70.525 | 5.5 |
| 50 | MP3A | My | -.035 | 5.5 |
| 51 | MP3A | Mz | -.041 | 5.5 |
| 52 | MP3C | Y | -70.525 | .5 |
| 53 | MP3C | My | -.034 | .5 |
| 54 | MP3C | Mz | .042 | .5 |
| 55 | MP3C | Y | -70.525 | 5.5 |
| 56 | MP3C | My | -.034 | 5.5 |
| 57 | MP3C | Mz | .042 | 5.5 |
| 58 | MP3B | Y | -70.525 | .5 |
| 59 | MP3B | My | .000569 | .5 |
| 60 | MP3B | Mz | -.054 | .5 |
| 61 | MP3B | Y | -70.525 | 5.5 |
| 62 | MP3B | My | .000569 | 5.5 |
| 63 | MP3B | Mz | -.054 | 5.5 |
| 64 | MP3B | Y | -70.525 | .5 |
| 65 | MP3B | My | .053 | .5 |
| 66 | MP3B | Mz | .009 | .5 |
| 67 | MP3B | Y | -70.525 | 5.5 |
| 68 | MP3B | My | .053 | 5.5 |
| 69 | MP3B | Mz | .009 | 5.5 |
| 70 | MP5A | Y | -67.848 | 2.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 71 | MP5A | My | -.034 | 2.5 |
| 72 | MP5A | Mz | 0 | 2.5 |
| 73 | MP5A | Y | -67.848 | 7.5 |
| 74 | MP5A | My | -.034 | 7.5 |
| 75 | MP5A | Mz | 0 | 7.5 |
| 76 | MP5B | Y | -67.848 | 2.5 |
| 77 | MP5B | My | .019 | 2.5 |
| 78 | MP5B | Mz | -.028 | 2.5 |
| 79 | MP5B | Y | -67.848 | 7.5 |
| 80 | MP5B | My | .019 | 7.5 |
| 81 | MP5B | Mz | -.028 | 7.5 |
| 82 | MP5C | Y | -67.848 | 2.5 |
| 83 | MP5C | My | .006 | 2.5 |
| 84 | MP5C | Mz | .033 | 2.5 |
| 85 | MP5C | Y | -67.848 | 7.5 |
| 86 | MP5C | My | .006 | 7.5 |
| 87 | MP5C | Mz | .033 | 7.5 |
| 88 | MP3B | Y | -10.843 | 3.5 |
| 89 | MP3B | My | -.004 | 3.5 |
| 90 | MP3B | Mz | .003 | 3.5 |
| 91 | MP3A | Y | -40.726 | 3 |
| 92 | MP3A | My | -.02 | 3 |
| 93 | MP3A | Mz | 0 | 3 |
| 94 | MP3B | Y | -40.726 | 1 |
| 95 | MP3B | My | .016 | 1 |
| 96 | MP3B | Mz | -.013 | 1 |
| 97 | MP3C | Y | -40.726 | 3 |
| 98 | MP3C | My | .004 | 3 |
| 99 | MP3C | Mz | .02 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | 0 | 3.75 |
| 2 | MP1A | Z | -89.874 | 3.75 |
| 3 | MP1A | Mx | 0 | 3.75 |
| 4 | MP1A | X | 0 | 5 |
| 5 | MP1A | Z | -89.874 | 5 |
| 6 | MP1A | Mx | 0 | 5 |
| 7 | MP1B | X | 0 | 3.75 |
| 8 | MP1B | Z | -67.278 | 3.75 |
| 9 | MP1B | Mx | .022 | 3.75 |
| 10 | MP1B | X | 0 | 5 |
| 11 | MP1B | Z | -67.278 | 5 |
| 12 | MP1B | Mx | .022 | 5 |
| 13 | MP1C | X | 0 | 3.75 |
| 14 | MP1C | Z | -36.834 | 3.75 |
| 15 | MP1C | Mx | -.018 | 3.75 |
| 16 | MP1C | X | 0 | 5 |
| 17 | MP1C | Z | -36.834 | 5 |
| 18 | MP1C | Mx | -.018 | 5 |
| 19 | MP3A | X | 0 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 20 | MP3A | Z | -14.15 | 1 |
| 21 | MP3A | Mx | 0 | 1 |
| 22 | MP3C | X | 0 | 1 |
| 23 | MP3C | Z | -9.922 | 1 |
| 24 | MP3C | Mx | .005 | 1 |
| 25 | MP2A | X | 0 | 5 |
| 26 | MP2A | Z | -71.517 | 5 |
| 27 | MP2A | Mx | 0 | 5 |
| 28 | MP2B | X | 0 | 5 |
| 29 | MP2B | Z | -61.72 | 5 |
| 30 | MP2B | Mx | -.02 | 5 |
| 31 | MP2C | X | 0 | 5 |
| 32 | MP2C | Z | -48.52 | 5 |
| 33 | MP2C | Mx | .024 | 5 |
| 34 | MP3A | X | 0 | .5 |
| 35 | MP3A | Z | -174.202 | .5 |
| 36 | MP3A | Mx | -.102 | .5 |
| 37 | MP3A | X | 0 | 5.5 |
| 38 | MP3A | Z | -174.202 | 5.5 |
| 39 | MP3A | Mx | -.102 | 5.5 |
| 40 | MP3C | X | 0 | .5 |
| 41 | MP3C | Z | -116.217 | .5 |
| 42 | MP3C | Mx | -.045 | .5 |
| 43 | MP3C | X | 0 | 5.5 |
| 44 | MP3C | Z | -116.217 | 5.5 |
| 45 | MP3C | Mx | -.045 | 5.5 |
| 46 | MP3A | X | 0 | .5 |
| 47 | MP3A | Z | -174.202 | .5 |
| 48 | MP3A | Mx | .102 | .5 |
| 49 | MP3A | X | 0 | 5.5 |
| 50 | MP3A | Z | -174.202 | 5.5 |
| 51 | MP3A | Mx | .102 | 5.5 |
| 52 | MP3C | X | 0 | .5 |
| 53 | MP3C | Z | -116.217 | .5 |
| 54 | MP3C | Mx | -.069 | .5 |
| 55 | MP3C | X | 0 | 5.5 |
| 56 | MP3C | Z | -116.217 | 5.5 |
| 57 | MP3C | Mx | -.069 | 5.5 |
| 58 | MP3B | X | 0 | .5 |
| 59 | MP3B | Z | -149.499 | .5 |
| 60 | MP3B | Mx | .115 | .5 |
| 61 | MP3B | X | 0 | 5.5 |
| 62 | MP3B | Z | -149.499 | 5.5 |
| 63 | MP3B | Mx | .115 | 5.5 |
| 64 | MP3B | X | 0 | .5 |
| 65 | MP3B | Z | -149.499 | .5 |
| 66 | MP3B | Mx | -.019 | .5 |
| 67 | MP3B | X | 0 | 5.5 |
| 68 | MP3B | Z | -149.499 | 5.5 |
| 69 | MP3B | Mx | -.019 | 5.5 |
| 70 | MP5A | X | 0 | 2.5 |
| 71 | MP5A | Z | -176.497 | 2.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 72 | MP5A | Mx | 0 | 2.5 |
| 73 | MP5A | X | 0 | 7.5 |
| 74 | MP5A | Z | -176.497 | 7.5 |
| 75 | MP5A | Mx | 0 | 7.5 |
| 76 | MP5B | X | 0 | 2.5 |
| 77 | MP5B | Z | -136.851 | 2.5 |
| 78 | MP5B | Mx | .056 | 2.5 |
| 79 | MP5B | X | 0 | 7.5 |
| 80 | MP5B | Z | -136.851 | 7.5 |
| 81 | MP5B | Mx | .056 | 7.5 |
| 82 | MP5C | X | 0 | 2.5 |
| 83 | MP5C | Z | -119.194 | 2.5 |
| 84 | MP5C | Mx | -.059 | 2.5 |
| 85 | MP5C | X | 0 | 7.5 |
| 86 | MP5C | Z | -119.194 | 7.5 |
| 87 | MP5C | Mx | -.059 | 7.5 |
| 88 | MP3B | X | 0 | 3.5 |
| 89 | MP3B | Z | -12.349 | 3.5 |
| 90 | MP3B | Mx | -.004 | 3.5 |
| 91 | MP3A | X | 0 | 3 |
| 92 | MP3A | Z | -71.517 | 3 |
| 93 | MP3A | Mx | 0 | 3 |
| 94 | MP3B | X | 0 | 1 |
| 95 | MP3B | Z | -57.967 | 1 |
| 96 | MP3B | Mx | .019 | 1 |
| 97 | MP3C | X | 0 | 3 |
| 98 | MP3C | Z | -39.711 | 3 |
| 99 | MP3C | Mx | -.02 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | 38.101 | 3.75 |
| 2 | MP1A | Z | -65.993 | 3.75 |
| 3 | MP1A | Mx | -.019 | 3.75 |
| 4 | MP1A | X | 38.101 | 5 |
| 5 | MP1A | Z | -65.993 | 5 |
| 6 | MP1A | Mx | -.019 | 5 |
| 7 | MP1B | X | 20.791 | 3.75 |
| 8 | MP1B | Z | -36.012 | 3.75 |
| 9 | MP1B | Mx | .02 | 3.75 |
| 10 | MP1B | X | 20.791 | 5 |
| 11 | MP1B | Z | -36.012 | 5 |
| 12 | MP1B | Mx | .02 | 5 |
| 13 | MP1C | X | 28.891 | 3.75 |
| 14 | MP1C | Z | -50.04 | 3.75 |
| 15 | MP1C | Mx | -.022 | 3.75 |
| 16 | MP1C | X | 28.891 | 5 |
| 17 | MP1C | Z | -50.04 | 5 |
| 18 | MP1C | Mx | -.022 | 5 |
| 19 | MP3A | X | 6.53 | 1 |
| 20 | MP3A | Z | -11.311 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 21 | MP3A | Mx | .003 | 1 |
| 22 | MP3C | X | 5.796 | 1 |
| 23 | MP3C | Z | -10.039 | 1 |
| 24 | MP3C | Mx | .004 | 1 |
| 25 | MP2A | X | 32.794 | 5 |
| 26 | MP2A | Z | -56.801 | 5 |
| 27 | MP2A | Mx | .016 | 5 |
| 28 | MP2B | X | 25.289 | 5 |
| 29 | MP2B | Z | -43.803 | 5 |
| 30 | MP2B | Mx | -.024 | 5 |
| 31 | MP2C | X | 28.801 | 5 |
| 32 | MP2C | Z | -49.885 | 5 |
| 33 | MP2C | Mx | .022 | 5 |
| 34 | MP3A | X | 79.627 | .5 |
| 35 | MP3A | Z | -137.919 | .5 |
| 36 | MP3A | Mx | -.12 | .5 |
| 37 | MP3A | X | 79.627 | 5.5 |
| 38 | MP3A | Z | -137.919 | 5.5 |
| 39 | MP3A | Mx | -.12 | 5.5 |
| 40 | MP3C | X | 69.558 | .5 |
| 41 | MP3C | Z | -120.479 | .5 |
| 42 | MP3C | Mx | -.001 | .5 |
| 43 | MP3C | X | 69.558 | 5.5 |
| 44 | MP3C | Z | -120.479 | 5.5 |
| 45 | MP3C | Mx | -.001 | 5.5 |
| 46 | MP3A | X | 79.627 | .5 |
| 47 | MP3A | Z | -137.919 | .5 |
| 48 | MP3A | Mx | .041 | .5 |
| 49 | MP3A | X | 79.627 | 5.5 |
| 50 | MP3A | Z | -137.919 | 5.5 |
| 51 | MP3A | Mx | .041 | 5.5 |
| 52 | MP3C | X | 69.558 | .5 |
| 53 | MP3C | Z | -120.479 | .5 |
| 54 | MP3C | Mx | -.105 | .5 |
| 55 | MP3C | X | 69.558 | 5.5 |
| 56 | MP3C | Z | -120.479 | 5.5 |
| 57 | MP3C | Mx | -.105 | 5.5 |
| 58 | MP3B | X | 60.704 | .5 |
| 59 | MP3B | Z | -105.142 | .5 |
| 60 | MP3B | Mx | .081 | .5 |
| 61 | MP3B | X | 60.704 | 5.5 |
| 62 | MP3B | Z | -105.142 | 5.5 |
| 63 | MP3B | Mx | .081 | 5.5 |
| 64 | MP3B | X | 60.704 | .5 |
| 65 | MP3B | Z | -105.142 | .5 |
| 66 | MP3B | Mx | .033 | .5 |
| 67 | MP3B | X | 60.704 | 5.5 |
| 68 | MP3B | Z | -105.142 | 5.5 |
| 69 | MP3B | Mx | .033 | 5.5 |
| 70 | MP5A | X | 80.863 | 2.5 |
| 71 | MP5A | Z | -140.058 | 2.5 |
| 72 | MP5A | Mx | -.04 | 2.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 73 | MP5A | X | 80.863 | 7.5 |
| 74 | MP5A | Z | -140.058 | 7.5 |
| 75 | MP5A | Mx | -.04 | 7.5 |
| 76 | MP5B | X | 58.931 | 2.5 |
| 77 | MP5B | Z | -102.071 | 2.5 |
| 78 | MP5B | Mx | .059 | 2.5 |
| 79 | MP5B | X | 58.931 | 7.5 |
| 80 | MP5B | Z | -102.071 | 7.5 |
| 81 | MP5B | Mx | .059 | 7.5 |
| 82 | MP5C | X | 70.912 | 2.5 |
| 83 | MP5C | Z | -122.824 | 2.5 |
| 84 | MP5C | Mx | -.054 | 2.5 |
| 85 | MP5C | X | 70.912 | 7.5 |
| 86 | MP5C | Z | -122.824 | 7.5 |
| 87 | MP5C | Mx | -.054 | 7.5 |
| 88 | MP3B | X | 5.15 | 3.5 |
| 89 | MP3B | Z | -8.92 | 3.5 |
| 90 | MP3B | Mx | -.005 | 3.5 |
| 91 | MP3A | X | 31.659 | 3 |
| 92 | MP3A | Z | -54.835 | 3 |
| 93 | MP3A | Mx | -.016 | 3 |
| 94 | MP3B | X | 21.279 | 1 |
| 95 | MP3B | Z | -36.857 | 1 |
| 96 | MP3B | Mx | .02 | 1 |
| 97 | MP3C | X | 26.136 | 3 |
| 98 | MP3C | Z | -45.269 | 3 |
| 99 | MP3C | Mx | -.02 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | 42.312 | 3.75 |
| 2 | MP1A | Z | -24.429 | 3.75 |
| 3 | MP1A | Mx | -.021 | 3.75 |
| 4 | MP1A | X | 42.312 | 5 |
| 5 | MP1A | Z | -24.429 | 5 |
| 6 | MP1A | Mx | -.021 | 5 |
| 7 | MP1B | X | 31.9 | 3.75 |
| 8 | MP1B | Z | -18.417 | 3.75 |
| 9 | MP1B | Mx | .018 | 3.75 |
| 10 | MP1B | X | 31.9 | 5 |
| 11 | MP1B | Z | -18.417 | 5 |
| 12 | MP1B | Mx | .018 | 5 |
| 13 | MP1C | X | 72.293 | 3.75 |
| 14 | MP1C | Z | -41.738 | 3.75 |
| 15 | MP1C | Mx | -.014 | 3.75 |
| 16 | MP1C | X | 72.293 | 5 |
| 17 | MP1C | Z | -41.738 | 5 |
| 18 | MP1C | Mx | -.014 | 5 |
| 19 | MP3A | X | 9.423 | 1 |
| 20 | MP3A | Z | -5.44 | 1 |
| 21 | MP3A | Mx | .005 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 22 | MP3C | X | 11.813 | 1 |
| 23 | MP3C | Z | -6.82 | 1 |
| 24 | MP3C | Mx | .002 | 1 |
| 25 | MP2A | X | 46.534 | 5 |
| 26 | MP2A | Z | -26.866 | 5 |
| 27 | MP2A | Mx | .023 | 5 |
| 28 | MP2B | X | 42.02 | 5 |
| 29 | MP2B | Z | -24.26 | 5 |
| 30 | MP2B | Mx | -.024 | 5 |
| 31 | MP2C | X | 59.533 | 5 |
| 32 | MP2C | Z | -34.371 | 5 |
| 33 | MP2C | Mx | .012 | 5 |
| 34 | MP3A | X | 112.03 | .5 |
| 35 | MP3A | Z | -64.68 | .5 |
| 36 | MP3A | Mx | -.094 | .5 |
| 37 | MP3A | X | 112.03 | 5.5 |
| 38 | MP3A | Z | -64.68 | 5.5 |
| 39 | MP3A | Mx | -.094 | 5.5 |
| 40 | MP3C | X | 144.806 | .5 |
| 41 | MP3C | Z | -83.604 | .5 |
| 42 | MP3C | Mx | .063 | .5 |
| 43 | MP3C | X | 144.806 | 5.5 |
| 44 | MP3C | Z | -83.604 | 5.5 |
| 45 | MP3C | Mx | .063 | 5.5 |
| 46 | MP3A | X | 112.03 | .5 |
| 47 | MP3A | Z | -64.68 | .5 |
| 48 | MP3A | Mx | -.018 | .5 |
| 49 | MP3A | X | 112.03 | 5.5 |
| 50 | MP3A | Z | -64.68 | 5.5 |
| 51 | MP3A | Mx | -.018 | 5.5 |
| 52 | MP3C | X | 144.806 | .5 |
| 53 | MP3C | Z | -83.604 | .5 |
| 54 | MP3C | Mx | -.12 | .5 |
| 55 | MP3C | X | 144.806 | 5.5 |
| 56 | MP3C | Z | -83.604 | 5.5 |
| 57 | MP3C | Mx | -.12 | 5.5 |
| 58 | MP3B | X | 100.646 | .5 |
| 59 | MP3B | Z | -58.108 | .5 |
| 60 | MP3B | Mx | .045 | .5 |
| 61 | MP3B | X | 100.646 | 5.5 |
| 62 | MP3B | Z | -58.108 | 5.5 |
| 63 | MP3B | Mx | .045 | 5.5 |
| 64 | MP3B | X | 100.646 | .5 |
| 65 | MP3B | Z | -58.108 | .5 |
| 66 | MP3B | Mx | .069 | .5 |
| 67 | MP3B | X | 100.646 | 5.5 |
| 68 | MP3B | Z | -58.108 | 5.5 |
| 69 | MP3B | Mx | .069 | 5.5 |
| 70 | MP5A | X | 114.474 | 2.5 |
| 71 | MP5A | Z | -66.092 | 2.5 |
| 72 | MP5A | Mx | -.057 | 2.5 |
| 73 | MP5A | X | 114.474 | 7.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 74 | MP5A | Z | -66.092 | 7.5 |
| 75 | MP5A | Mx | -.057 | 7.5 |
| 76 | MP5B | X | 110.821 | 2.5 |
| 77 | MP5B | Z | -63.983 | 2.5 |
| 78 | MP5B | Mx | .058 | 2.5 |
| 79 | MP5B | X | 110.821 | 7.5 |
| 80 | MP5B | Z | -63.983 | 7.5 |
| 81 | MP5B | Mx | .058 | 7.5 |
| 82 | MP5C | X | 146.865 | 2.5 |
| 83 | MP5C | Z | -84.793 | 2.5 |
| 84 | MP5C | Mx | -.029 | 2.5 |
| 85 | MP5C | X | 146.865 | 7.5 |
| 86 | MP5C | Z | -84.793 | 7.5 |
| 87 | MP5C | Mx | -.029 | 7.5 |
| 88 | MP3B | X | 8.593 | 3.5 |
| 89 | MP3B | Z | -4.961 | 3.5 |
| 90 | MP3B | Mx | -.005 | 3.5 |
| 91 | MP3A | X | 40.635 | 3 |
| 92 | MP3A | Z | -23.46 | 3 |
| 93 | MP3A | Mx | -.02 | 3 |
| 94 | MP3B | X | 34.391 | 1 |
| 95 | MP3B | Z | -19.856 | 1 |
| 96 | MP3B | Mx | .02 | 1 |
| 97 | MP3C | X | 58.613 | 3 |
| 98 | MP3C | Z | -33.84 | 3 |
| 99 | MP3C | Mx | -.012 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | 35.185 | 3.75 |
| 2 | MP1A | Z | 0 | 3.75 |
| 3 | MP1A | Mx | -.018 | 3.75 |
| 4 | MP1A | X | 35.185 | 5 |
| 5 | MP1A | Z | 0 | 5 |
| 6 | MP1A | Mx | -.018 | 5 |
| 7 | MP1B | X | 57.781 | 3.75 |
| 8 | MP1B | Z | 0 | 3.75 |
| 9 | MP1B | Mx | .022 | 3.75 |
| 10 | MP1B | X | 57.781 | 5 |
| 11 | MP1B | Z | 0 | 5 |
| 12 | MP1B | Mx | .022 | 5 |
| 13 | MP1C | X | 88.225 | 3.75 |
| 14 | MP1C | Z | 0 | 3.75 |
| 15 | MP1C | Mx | .008 | 3.75 |
| 16 | MP1C | X | 88.225 | 5 |
| 17 | MP1C | Z | 0 | 5 |
| 18 | MP1C | Mx | .008 | 5 |
| 19 | MP3A | X | 9.79 | 1 |
| 20 | MP3A | Z | 0 | 1 |
| 21 | MP3A | Mx | .005 | 1 |
| 22 | MP3C | X | 14.019 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 23 | MP3C | Z | 0 | 1 |
| 24 | MP3C | Mx | -.001 | 1 |
| 25 | MP2A | X | 47.805 | 5 |
| 26 | MP2A | Z | 0 | 5 |
| 27 | MP2A | Mx | .024 | 5 |
| 28 | MP2B | X | 57.602 | 5 |
| 29 | MP2B | Z | 0 | 5 |
| 30 | MP2B | Mx | -.022 | 5 |
| 31 | MP2C | X | 70.802 | 5 |
| 32 | MP2C | Z | 0 | 5 |
| 33 | MP2C | Mx | -.006 | 5 |
| 34 | MP3A | X | 114.414 | .5 |
| 35 | MP3A | Z | 0 | .5 |
| 36 | MP3A | Mx | -.057 | .5 |
| 37 | MP3A | X | 114.414 | 5.5 |
| 38 | MP3A | Z | 0 | 5.5 |
| 39 | MP3A | Mx | -.057 | 5.5 |
| 40 | MP3C | X | 172.399 | .5 |
| 41 | MP3C | Z | 0 | .5 |
| 42 | MP3C | Mx | .114 | .5 |
| 43 | MP3C | X | 172.399 | 5.5 |
| 44 | MP3C | Z | 0 | 5.5 |
| 45 | MP3C | Mx | .114 | 5.5 |
| 46 | MP3A | X | 114.414 | .5 |
| 47 | MP3A | Z | 0 | .5 |
| 48 | MP3A | Mx | -.057 | .5 |
| 49 | MP3A | X | 114.414 | 5.5 |
| 50 | MP3A | Z | 0 | 5.5 |
| 51 | MP3A | Mx | -.057 | 5.5 |
| 52 | MP3C | X | 172.399 | .5 |
| 53 | MP3C | Z | 0 | .5 |
| 54 | MP3C | Mx | -.084 | .5 |
| 55 | MP3C | X | 172.399 | 5.5 |
| 56 | MP3C | Z | 0 | 5.5 |
| 57 | MP3C | Mx | -.084 | 5.5 |
| 58 | MP3B | X | 139.117 | .5 |
| 59 | MP3B | Z | 0 | .5 |
| 60 | MP3B | Mx | .001 | .5 |
| 61 | MP3B | X | 139.117 | 5.5 |
| 62 | MP3B | Z | 0 | 5.5 |
| 63 | MP3B | Mx | .001 | 5.5 |
| 64 | MP3B | X | 139.117 | .5 |
| 65 | MP3B | Z | 0 | .5 |
| 66 | MP3B | Mx | .105 | .5 |
| 67 | MP3B | X | 139.117 | 5.5 |
| 68 | MP3B | Z | 0 | 5.5 |
| 69 | MP3B | Mx | .105 | 5.5 |
| 70 | MP5A | X | 117.412 | 2.5 |
| 71 | MP5A | Z | 0 | 2.5 |
| 72 | MP5A | Mx | -.059 | 2.5 |
| 73 | MP5A | X | 117.412 | 7.5 |
| 74 | MP5A | Z | 0 | 7.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 75 | MP5A | Mx | -.059 | 7.5 |
| 76 | MP5B | X | 157.059 | 2.5 |
| 77 | MP5B | Z | 0 | 2.5 |
| 78 | MP5B | Mx | .045 | 2.5 |
| 79 | MP5B | X | 157.059 | 7.5 |
| 80 | MP5B | Z | 0 | 7.5 |
| 81 | MP5B | Mx | .045 | 7.5 |
| 82 | MP5C | X | 174.715 | 2.5 |
| 83 | MP5C | Z | 0 | 2.5 |
| 84 | MP5C | Mx | .015 | 2.5 |
| 85 | MP5C | X | 174.715 | 7.5 |
| 86 | MP5C | Z | 0 | 7.5 |
| 87 | MP5C | Mx | .015 | 7.5 |
| 88 | MP3B | X | 11.592 | 3.5 |
| 89 | MP3B | Z | 0 | 3.5 |
| 90 | MP3B | Mx | -.004 | 3.5 |
| 91 | MP3A | X | 38.722 | 3 |
| 92 | MP3A | Z | 0 | 3 |
| 93 | MP3A | Mx | -.019 | 3 |
| 94 | MP3B | X | 52.272 | 1 |
| 95 | MP3B | Z | 0 | 1 |
| 96 | MP3B | Mx | .02 | 1 |
| 97 | MP3C | X | 70.528 | 3 |
| 98 | MP3C | Z | 0 | 3 |
| 99 | MP3C | Mx | .006 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | 42.312 | 3.75 |
| 2 | MP1A | Z | 24.429 | 3.75 |
| 3 | MP1A | Mx | -.021 | 3.75 |
| 4 | MP1A | X | 42.312 | 5 |
| 5 | MP1A | Z | 24.429 | 5 |
| 6 | MP1A | Mx | -.021 | 5 |
| 7 | MP1B | X | 72.293 | 3.75 |
| 8 | MP1B | Z | 41.738 | 3.75 |
| 9 | MP1B | Mx | .014 | 3.75 |
| 10 | MP1B | X | 72.293 | 5 |
| 11 | MP1B | Z | 41.738 | 5 |
| 12 | MP1B | Mx | .014 | 5 |
| 13 | MP1C | X | 58.264 | 3.75 |
| 14 | MP1C | Z | 33.639 | 3.75 |
| 15 | MP1C | Mx | .022 | 3.75 |
| 16 | MP1C | X | 58.264 | 5 |
| 17 | MP1C | Z | 33.639 | 5 |
| 18 | MP1C | Mx | .022 | 5 |
| 19 | MP3A | X | 9.423 | 1 |
| 20 | MP3A | Z | 5.44 | 1 |
| 21 | MP3A | Mx | .005 | 1 |
| 22 | MP3C | X | 10.695 | 1 |
| 23 | MP3C | Z | 6.174 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 24 | MP3C | Mx | -.004 | 1 |
| 25 | MP2A | X | 46.534 | 5 |
| 26 | MP2A | Z | 26.866 | 5 |
| 27 | MP2A | Mx | .023 | 5 |
| 28 | MP2B | X | 59.533 | 5 |
| 29 | MP2B | Z | 34.371 | 5 |
| 30 | MP2B | Mx | -.012 | 5 |
| 31 | MP2C | X | 53.451 | 5 |
| 32 | MP2C | Z | 30.86 | 5 |
| 33 | MP2C | Mx | -.02 | 5 |
| 34 | MP3A | X | 112.03 | .5 |
| 35 | MP3A | Z | 64.68 | .5 |
| 36 | MP3A | Mx | -.018 | .5 |
| 37 | MP3A | X | 112.03 | 5.5 |
| 38 | MP3A | Z | 64.68 | 5.5 |
| 39 | MP3A | Mx | -.018 | 5.5 |
| 40 | MP3C | X | 129.47 | .5 |
| 41 | MP3C | Z | 74.749 | .5 |
| 42 | MP3C | Mx | .115 | .5 |
| 43 | MP3C | X | 129.47 | 5.5 |
| 44 | MP3C | Z | 74.749 | 5.5 |
| 45 | MP3C | Mx | .115 | 5.5 |
| 46 | MP3A | X | 112.03 | .5 |
| 47 | MP3A | Z | 64.68 | .5 |
| 48 | MP3A | Mx | -.094 | .5 |
| 49 | MP3A | X | 112.03 | 5.5 |
| 50 | MP3A | Z | 64.68 | 5.5 |
| 51 | MP3A | Mx | -.094 | 5.5 |
| 52 | MP3C | X | 129.47 | .5 |
| 53 | MP3C | Z | 74.749 | .5 |
| 54 | MP3C | Mx | -.019 | .5 |
| 55 | MP3C | X | 129.47 | 5.5 |
| 56 | MP3C | Z | 74.749 | 5.5 |
| 57 | MP3C | Mx | -.019 | 5.5 |
| 58 | MP3B | X | 144.806 | .5 |
| 59 | MP3B | Z | 83.604 | .5 |
| 60 | MP3B | Mx | -.063 | .5 |
| 61 | MP3B | X | 144.806 | 5.5 |
| 62 | MP3B | Z | 83.604 | 5.5 |
| 63 | MP3B | Mx | -.063 | 5.5 |
| 64 | MP3B | X | 144.806 | .5 |
| 65 | MP3B | Z | 83.604 | .5 |
| 66 | MP3B | Mx | .12 | .5 |
| 67 | MP3B | X | 144.806 | 5.5 |
| 68 | MP3B | Z | 83.604 | 5.5 |
| 69 | MP3B | Mx | .12 | 5.5 |
| 70 | MP5A | X | 114.474 | 2.5 |
| 71 | MP5A | Z | 66.092 | 2.5 |
| 72 | MP5A | Mx | -.057 | 2.5 |
| 73 | MP5A | X | 114.474 | 7.5 |
| 74 | MP5A | Z | 66.092 | 7.5 |
| 75 | MP5A | Mx | -.057 | 7.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 76 | MP5B | X | 152.462 | 2.5 |
| 77 | MP5B | Z | 88.024 | 2.5 |
| 78 | MP5B | Mx | .008 | 2.5 |
| 79 | MP5B | X | 152.462 | 7.5 |
| 80 | MP5B | Z | 88.024 | 7.5 |
| 81 | MP5B | Mx | .008 | 7.5 |
| 82 | MP5C | X | 131.709 | 2.5 |
| 83 | MP5C | Z | 76.042 | 2.5 |
| 84 | MP5C | Mx | .049 | 2.5 |
| 85 | MP5C | X | 131.709 | 7.5 |
| 86 | MP5C | Z | 76.042 | 7.5 |
| 87 | MP5C | Mx | .049 | 7.5 |
| 88 | MP3B | X | 11.813 | 3.5 |
| 89 | MP3B | Z | 6.82 | 3.5 |
| 90 | MP3B | Mx | -.002 | 3.5 |
| 91 | MP3A | X | 40.635 | 3 |
| 92 | MP3A | Z | 23.46 | 3 |
| 93 | MP3A | Mx | -.02 | 3 |
| 94 | MP3B | X | 58.613 | 1 |
| 95 | MP3B | Z | 33.84 | 1 |
| 96 | MP3B | Mx | .012 | 1 |
| 97 | MP3C | X | 50.201 | 3 |
| 98 | MP3C | Z | 28.983 | 3 |
| 99 | MP3C | Mx | .019 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | 38.101 | 3.75 |
| 2 | MP1A | Z | 65.993 | 3.75 |
| 3 | MP1A | Mx | -.019 | 3.75 |
| 4 | MP1A | X | 38.101 | 5 |
| 5 | MP1A | Z | 65.993 | 5 |
| 6 | MP1A | Mx | -.019 | 5 |
| 7 | MP1B | X | 44.112 | 3.75 |
| 8 | MP1B | Z | 76.405 | 3.75 |
| 9 | MP1B | Mx | -.008 | 3.75 |
| 10 | MP1B | X | 44.112 | 5 |
| 11 | MP1B | Z | 76.405 | 5 |
| 12 | MP1B | Mx | -.008 | 5 |
| 13 | MP1C | X | 20.791 | 3.75 |
| 14 | MP1C | Z | 36.012 | 3.75 |
| 15 | MP1C | Mx | .02 | 3.75 |
| 16 | MP1C | X | 20.791 | 5 |
| 17 | MP1C | Z | 36.012 | 5 |
| 18 | MP1C | Mx | .02 | 5 |
| 19 | MP3A | X | 6.53 | 1 |
| 20 | MP3A | Z | 11.311 | 1 |
| 21 | MP3A | Mx | .003 | 1 |
| 22 | MP3C | X | 5.15 | 1 |
| 23 | MP3C | Z | 8.92 | 1 |
| 24 | MP3C | Mx | -.005 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 25 | MP2A | X | 32.794 | 5 |
| 26 | MP2A | Z | 56.801 | 5 |
| 27 | MP2A | Mx | .016 | 5 |
| 28 | MP2B | X | 35.401 | 5 |
| 29 | MP2B | Z | 61.316 | 5 |
| 30 | MP2B | Mx | .006 | 5 |
| 31 | MP2C | X | 25.289 | 5 |
| 32 | MP2C | Z | 43.803 | 5 |
| 33 | MP2C | Mx | -.024 | 5 |
| 34 | MP3A | X | 79.627 | .5 |
| 35 | MP3A | Z | 137.919 | .5 |
| 36 | MP3A | Mx | .041 | .5 |
| 37 | MP3A | X | 79.627 | 5.5 |
| 38 | MP3A | Z | 137.919 | 5.5 |
| 39 | MP3A | Mx | .041 | 5.5 |
| 40 | MP3C | X | 60.704 | .5 |
| 41 | MP3C | Z | 105.142 | .5 |
| 42 | MP3C | Mx | .081 | .5 |
| 43 | MP3C | X | 60.704 | 5.5 |
| 44 | MP3C | Z | 105.142 | 5.5 |
| 45 | MP3C | Mx | .081 | 5.5 |
| 46 | MP3A | X | 79.627 | .5 |
| 47 | MP3A | Z | 137.919 | .5 |
| 48 | MP3A | Mx | -.12 | .5 |
| 49 | MP3A | X | 79.627 | 5.5 |
| 50 | MP3A | Z | 137.919 | 5.5 |
| 51 | MP3A | Mx | -.12 | 5.5 |
| 52 | MP3C | X | 60.704 | .5 |
| 53 | MP3C | Z | 105.142 | .5 |
| 54 | MP3C | Mx | .033 | .5 |
| 55 | MP3C | X | 60.704 | 5.5 |
| 56 | MP3C | Z | 105.142 | 5.5 |
| 57 | MP3C | Mx | .033 | 5.5 |
| 58 | MP3B | X | 86.2 | .5 |
| 59 | MP3B | Z | 149.302 | .5 |
| 60 | MP3B | Mx | -.114 | .5 |
| 61 | MP3B | X | 86.2 | 5.5 |
| 62 | MP3B | Z | 149.302 | 5.5 |
| 63 | MP3B | Mx | -.114 | 5.5 |
| 64 | MP3B | X | 86.2 | .5 |
| 65 | MP3B | Z | 149.302 | .5 |
| 66 | MP3B | Mx | .084 | .5 |
| 67 | MP3B | X | 86.2 | 5.5 |
| 68 | MP3B | Z | 149.302 | 5.5 |
| 69 | MP3B | Mx | .084 | 5.5 |
| 70 | MP5A | X | 80.863 | 2.5 |
| 71 | MP5A | Z | 140.058 | 2.5 |
| 72 | MP5A | Mx | -.04 | 2.5 |
| 73 | MP5A | X | 80.863 | 7.5 |
| 74 | MP5A | Z | 140.058 | 7.5 |
| 75 | MP5A | Mx | -.04 | 7.5 |
| 76 | MP5B | X | 82.972 | 2.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 77 | MP5B | Z | 143.712 | 2.5 |
| 78 | MP5B | Mx | -.035 | 2.5 |
| 79 | MP5B | X | 82.972 | 7.5 |
| 80 | MP5B | Z | 143.712 | 7.5 |
| 81 | MP5B | Mx | -.035 | 7.5 |
| 82 | MP5C | X | 62.162 | 2.5 |
| 83 | MP5C | Z | 107.668 | 2.5 |
| 84 | MP5C | Mx | .058 | 2.5 |
| 85 | MP5C | X | 62.162 | 7.5 |
| 86 | MP5C | Z | 107.668 | 7.5 |
| 87 | MP5C | Mx | .058 | 7.5 |
| 88 | MP3B | X | 7.009 | 3.5 |
| 89 | MP3B | Z | 12.141 | 3.5 |
| 90 | MP3B | Mx | .001 | 3.5 |
| 91 | MP3A | X | 31.659 | 3 |
| 92 | MP3A | Z | 54.835 | 3 |
| 93 | MP3A | Mx | -.016 | 3 |
| 94 | MP3B | X | 35.264 | 1 |
| 95 | MP3B | Z | 61.079 | 1 |
| 96 | MP3B | Mx | -.006 | 1 |
| 97 | MP3C | X | 21.279 | 3 |
| 98 | MP3C | Z | 36.857 | 3 |
| 99 | MP3C | Mx | .02 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | 0 | 3.75 |
| 2 | MP1A | Z | 89.874 | 3.75 |
| 3 | MP1A | Mx | 0 | 3.75 |
| 4 | MP1A | X | 0 | 5 |
| 5 | MP1A | Z | 89.874 | 5 |
| 6 | MP1A | Mx | 0 | 5 |
| 7 | MP1B | X | 0 | 3.75 |
| 8 | MP1B | Z | 67.278 | 3.75 |
| 9 | MP1B | Mx | -.022 | 3.75 |
| 10 | MP1B | X | 0 | 5 |
| 11 | MP1B | Z | 67.278 | 5 |
| 12 | MP1B | Mx | -.022 | 5 |
| 13 | MP1C | X | 0 | 3.75 |
| 14 | MP1C | Z | 36.834 | 3.75 |
| 15 | MP1C | Mx | .018 | 3.75 |
| 16 | MP1C | X | 0 | 5 |
| 17 | MP1C | Z | 36.834 | 5 |
| 18 | MP1C | Mx | .018 | 5 |
| 19 | MP3A | X | 0 | 1 |
| 20 | MP3A | Z | 14.15 | 1 |
| 21 | MP3A | Mx | 0 | 1 |
| 22 | MP3C | X | 0 | 1 |
| 23 | MP3C | Z | 9.922 | 1 |
| 24 | MP3C | Mx | -.005 | 1 |
| 25 | MP2A | X | 0 | 5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 26 | MP2A | Z | 71.517 | 5 |
| 27 | MP2A | Mx | 0 | 5 |
| 28 | MP2B | X | 0 | 5 |
| 29 | MP2B | Z | 61.72 | 5 |
| 30 | MP2B | Mx | .02 | 5 |
| 31 | MP2C | X | 0 | 5 |
| 32 | MP2C | Z | 48.52 | 5 |
| 33 | MP2C | Mx | -.024 | 5 |
| 34 | MP3A | X | 0 | .5 |
| 35 | MP3A | Z | 174.202 | .5 |
| 36 | MP3A | Mx | .102 | .5 |
| 37 | MP3A | X | 0 | 5.5 |
| 38 | MP3A | Z | 174.202 | 5.5 |
| 39 | MP3A | Mx | .102 | 5.5 |
| 40 | MP3C | X | 0 | .5 |
| 41 | MP3C | Z | 116.217 | .5 |
| 42 | MP3C | Mx | .045 | .5 |
| 43 | MP3C | X | 0 | 5.5 |
| 44 | MP3C | Z | 116.217 | 5.5 |
| 45 | MP3C | Mx | .045 | 5.5 |
| 46 | MP3A | X | 0 | .5 |
| 47 | MP3A | Z | 174.202 | .5 |
| 48 | MP3A | Mx | -.102 | .5 |
| 49 | MP3A | X | 0 | 5.5 |
| 50 | MP3A | Z | 174.202 | 5.5 |
| 51 | MP3A | Mx | -.102 | 5.5 |
| 52 | MP3C | X | 0 | .5 |
| 53 | MP3C | Z | 116.217 | .5 |
| 54 | MP3C | Mx | .069 | .5 |
| 55 | MP3C | X | 0 | 5.5 |
| 56 | MP3C | Z | 116.217 | 5.5 |
| 57 | MP3C | Mx | .069 | 5.5 |
| 58 | MP3B | X | 0 | .5 |
| 59 | MP3B | Z | 149.499 | .5 |
| 60 | MP3B | Mx | -.115 | .5 |
| 61 | MP3B | X | 0 | 5.5 |
| 62 | MP3B | Z | 149.499 | 5.5 |
| 63 | MP3B | Mx | -.115 | 5.5 |
| 64 | MP3B | X | 0 | .5 |
| 65 | MP3B | Z | 149.499 | .5 |
| 66 | MP3B | Mx | .019 | .5 |
| 67 | MP3B | X | 0 | 5.5 |
| 68 | MP3B | Z | 149.499 | 5.5 |
| 69 | MP3B | Mx | .019 | 5.5 |
| 70 | MP5A | X | 0 | 2.5 |
| 71 | MP5A | Z | 176.497 | 2.5 |
| 72 | MP5A | Mx | 0 | 2.5 |
| 73 | MP5A | X | 0 | 7.5 |
| 74 | MP5A | Z | 176.497 | 7.5 |
| 75 | MP5A | Mx | 0 | 7.5 |
| 76 | MP5B | X | 0 | 2.5 |
| 77 | MP5B | Z | 136.851 | 2.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 78 | MP5B | Mx | -.056 | 2.5 |
| 79 | MP5B | X | 0 | 7.5 |
| 80 | MP5B | Z | 136.851 | 7.5 |
| 81 | MP5B | Mx | -.056 | 7.5 |
| 82 | MP5C | X | 0 | 2.5 |
| 83 | MP5C | Z | 119.194 | 2.5 |
| 84 | MP5C | Mx | .059 | 2.5 |
| 85 | MP5C | X | 0 | 7.5 |
| 86 | MP5C | Z | 119.194 | 7.5 |
| 87 | MP5C | Mx | .059 | 7.5 |
| 88 | MP3B | X | 0 | 3.5 |
| 89 | MP3B | Z | 12.349 | 3.5 |
| 90 | MP3B | Mx | .004 | 3.5 |
| 91 | MP3A | X | 0 | 3 |
| 92 | MP3A | Z | 71.517 | 3 |
| 93 | MP3A | Mx | 0 | 3 |
| 94 | MP3B | X | 0 | 1 |
| 95 | MP3B | Z | 57.967 | 1 |
| 96 | MP3B | Mx | -.019 | 1 |
| 97 | MP3C | X | 0 | 3 |
| 98 | MP3C | Z | 39.711 | 3 |
| 99 | MP3C | Mx | .02 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | -38.101 | 3.75 |
| 2 | MP1A | Z | 65.993 | 3.75 |
| 3 | MP1A | Mx | .019 | 3.75 |
| 4 | MP1A | X | -38.101 | 5 |
| 5 | MP1A | Z | 65.993 | 5 |
| 6 | MP1A | Mx | .019 | 5 |
| 7 | MP1B | X | -20.791 | 3.75 |
| 8 | MP1B | Z | 36.012 | 3.75 |
| 9 | MP1B | Mx | -.02 | 3.75 |
| 10 | MP1B | X | -20.791 | 5 |
| 11 | MP1B | Z | 36.012 | 5 |
| 12 | MP1B | Mx | -.02 | 5 |
| 13 | MP1C | X | -28.891 | 3.75 |
| 14 | MP1C | Z | 50.04 | 3.75 |
| 15 | MP1C | Mx | .022 | 3.75 |
| 16 | MP1C | X | -28.891 | 5 |
| 17 | MP1C | Z | 50.04 | 5 |
| 18 | MP1C | Mx | .022 | 5 |
| 19 | MP3A | X | -6.53 | 1 |
| 20 | MP3A | Z | 11.311 | 1 |
| 21 | MP3A | Mx | -.003 | 1 |
| 22 | MP3C | X | -5.796 | 1 |
| 23 | MP3C | Z | 10.039 | 1 |
| 24 | MP3C | Mx | -.004 | 1 |
| 25 | MP2A | X | -32.794 | 5 |
| 26 | MP2A | Z | 56.801 | 5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 27 | MP2A | Mx | -.016 | 5 |
| 28 | MP2B | X | -25.289 | 5 |
| 29 | MP2B | Z | 43.803 | 5 |
| 30 | MP2B | Mx | .024 | 5 |
| 31 | MP2C | X | -28.801 | 5 |
| 32 | MP2C | Z | 49.885 | 5 |
| 33 | MP2C | Mx | -.022 | 5 |
| 34 | MP3A | X | -79.627 | .5 |
| 35 | MP3A | Z | 137.919 | .5 |
| 36 | MP3A | Mx | .12 | .5 |
| 37 | MP3A | X | -79.627 | 5.5 |
| 38 | MP3A | Z | 137.919 | 5.5 |
| 39 | MP3A | Mx | .12 | 5.5 |
| 40 | MP3C | X | -69.558 | .5 |
| 41 | MP3C | Z | 120.479 | .5 |
| 42 | MP3C | Mx | .001 | .5 |
| 43 | MP3C | X | -69.558 | 5.5 |
| 44 | MP3C | Z | 120.479 | 5.5 |
| 45 | MP3C | Mx | .001 | 5.5 |
| 46 | MP3A | X | -79.627 | .5 |
| 47 | MP3A | Z | 137.919 | .5 |
| 48 | MP3A | Mx | -.041 | .5 |
| 49 | MP3A | X | -79.627 | 5.5 |
| 50 | MP3A | Z | 137.919 | 5.5 |
| 51 | MP3A | Mx | -.041 | 5.5 |
| 52 | MP3C | X | -69.558 | .5 |
| 53 | MP3C | Z | 120.479 | .5 |
| 54 | MP3C | Mx | .105 | .5 |
| 55 | MP3C | X | -69.558 | 5.5 |
| 56 | MP3C | Z | 120.479 | 5.5 |
| 57 | MP3C | Mx | .105 | 5.5 |
| 58 | MP3B | X | -60.704 | .5 |
| 59 | MP3B | Z | 105.142 | .5 |
| 60 | MP3B | Mx | -.081 | .5 |
| 61 | MP3B | X | -60.704 | 5.5 |
| 62 | MP3B | Z | 105.142 | 5.5 |
| 63 | MP3B | Mx | -.081 | 5.5 |
| 64 | MP3B | X | -60.704 | .5 |
| 65 | MP3B | Z | 105.142 | .5 |
| 66 | MP3B | Mx | -.033 | .5 |
| 67 | MP3B | X | -60.704 | 5.5 |
| 68 | MP3B | Z | 105.142 | 5.5 |
| 69 | MP3B | Mx | -.033 | 5.5 |
| 70 | MP5A | X | -80.863 | 2.5 |
| 71 | MP5A | Z | 140.058 | 2.5 |
| 72 | MP5A | Mx | .04 | 2.5 |
| 73 | MP5A | X | -80.863 | 7.5 |
| 74 | MP5A | Z | 140.058 | 7.5 |
| 75 | MP5A | Mx | .04 | 7.5 |
| 76 | MP5B | X | -58.931 | 2.5 |
| 77 | MP5B | Z | 102.071 | 2.5 |
| 78 | MP5B | Mx | -.059 | 2.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 79 | MP5B | X | -58.931 | 7.5 |
| 80 | MP5B | Z | 102.071 | 7.5 |
| 81 | MP5B | Mx | -.059 | 7.5 |
| 82 | MP5C | X | -70.912 | 2.5 |
| 83 | MP5C | Z | 122.824 | 2.5 |
| 84 | MP5C | Mx | .054 | 2.5 |
| 85 | MP5C | X | -70.912 | 7.5 |
| 86 | MP5C | Z | 122.824 | 7.5 |
| 87 | MP5C | Mx | .054 | 7.5 |
| 88 | MP3B | X | -5.15 | 3.5 |
| 89 | MP3B | Z | 8.92 | 3.5 |
| 90 | MP3B | Mx | .005 | 3.5 |
| 91 | MP3A | X | -31.659 | 3 |
| 92 | MP3A | Z | 54.835 | 3 |
| 93 | MP3A | Mx | .016 | 3 |
| 94 | MP3B | X | -21.279 | 1 |
| 95 | MP3B | Z | 36.857 | 1 |
| 96 | MP3B | Mx | -.02 | 1 |
| 97 | MP3C | X | -26.136 | 3 |
| 98 | MP3C | Z | 45.269 | 3 |
| 99 | MP3C | Mx | .02 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | -42.312 | 3.75 |
| 2 | MP1A | Z | 24.429 | 3.75 |
| 3 | MP1A | Mx | .021 | 3.75 |
| 4 | MP1A | X | -42.312 | 5 |
| 5 | MP1A | Z | 24.429 | 5 |
| 6 | MP1A | Mx | .021 | 5 |
| 7 | MP1B | X | -31.9 | 3.75 |
| 8 | MP1B | Z | 18.417 | 3.75 |
| 9 | MP1B | Mx | -.018 | 3.75 |
| 10 | MP1B | X | -31.9 | 5 |
| 11 | MP1B | Z | 18.417 | 5 |
| 12 | MP1B | Mx | -.018 | 5 |
| 13 | MP1C | X | -72.293 | 3.75 |
| 14 | MP1C | Z | 41.738 | 3.75 |
| 15 | MP1C | Mx | .014 | 3.75 |
| 16 | MP1C | X | -72.293 | 5 |
| 17 | MP1C | Z | 41.738 | 5 |
| 18 | MP1C | Mx | .014 | 5 |
| 19 | MP3A | X | -9.423 | 1 |
| 20 | MP3A | Z | 5.44 | 1 |
| 21 | MP3A | Mx | -.005 | 1 |
| 22 | MP3C | X | -11.813 | 1 |
| 23 | MP3C | Z | 6.82 | 1 |
| 24 | MP3C | Mx | -.002 | 1 |
| 25 | MP2A | X | -46.534 | 5 |
| 26 | MP2A | Z | 26.866 | 5 |
| 27 | MP2A | Mx | -.023 | 5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 28 | MP2B | X | -42.02 | 5 |
| 29 | MP2B | Z | 24.26 | 5 |
| 30 | MP2B | Mx | .024 | 5 |
| 31 | MP2C | X | -59.533 | 5 |
| 32 | MP2C | Z | 34.371 | 5 |
| 33 | MP2C | Mx | -.012 | 5 |
| 34 | MP3A | X | -112.03 | .5 |
| 35 | MP3A | Z | 64.68 | .5 |
| 36 | MP3A | Mx | .094 | .5 |
| 37 | MP3A | X | -112.03 | 5.5 |
| 38 | MP3A | Z | 64.68 | 5.5 |
| 39 | MP3A | Mx | .094 | 5.5 |
| 40 | MP3C | X | -144.806 | .5 |
| 41 | MP3C | Z | 83.604 | .5 |
| 42 | MP3C | Mx | -.063 | .5 |
| 43 | MP3C | X | -144.806 | 5.5 |
| 44 | MP3C | Z | 83.604 | 5.5 |
| 45 | MP3C | Mx | -.063 | 5.5 |
| 46 | MP3A | X | -112.03 | .5 |
| 47 | MP3A | Z | 64.68 | .5 |
| 48 | MP3A | Mx | .018 | .5 |
| 49 | MP3A | X | -112.03 | 5.5 |
| 50 | MP3A | Z | 64.68 | 5.5 |
| 51 | MP3A | Mx | .018 | 5.5 |
| 52 | MP3C | X | -144.806 | .5 |
| 53 | MP3C | Z | 83.604 | .5 |
| 54 | MP3C | Mx | .12 | .5 |
| 55 | MP3C | X | -144.806 | 5.5 |
| 56 | MP3C | Z | 83.604 | 5.5 |
| 57 | MP3C | Mx | .12 | 5.5 |
| 58 | MP3B | X | -100.646 | .5 |
| 59 | MP3B | Z | 58.108 | .5 |
| 60 | MP3B | Mx | -.045 | .5 |
| 61 | MP3B | X | -100.646 | 5.5 |
| 62 | MP3B | Z | 58.108 | 5.5 |
| 63 | MP3B | Mx | -.045 | 5.5 |
| 64 | MP3B | X | -100.646 | .5 |
| 65 | MP3B | Z | 58.108 | .5 |
| 66 | MP3B | Mx | -.069 | .5 |
| 67 | MP3B | X | -100.646 | 5.5 |
| 68 | MP3B | Z | 58.108 | 5.5 |
| 69 | MP3B | Mx | -.069 | 5.5 |
| 70 | MP5A | X | -114.474 | 2.5 |
| 71 | MP5A | Z | 66.092 | 2.5 |
| 72 | MP5A | Mx | .057 | 2.5 |
| 73 | MP5A | X | -114.474 | 7.5 |
| 74 | MP5A | Z | 66.092 | 7.5 |
| 75 | MP5A | Mx | .057 | 7.5 |
| 76 | MP5B | X | -110.821 | 2.5 |
| 77 | MP5B | Z | 63.983 | 2.5 |
| 78 | MP5B | Mx | -.058 | 2.5 |
| 79 | MP5B | X | -110.821 | 7.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 80 | MP5B | Z | 63.983 | 7.5 |
| 81 | MP5B | Mx | -.058 | 7.5 |
| 82 | MP5C | X | -146.865 | 2.5 |
| 83 | MP5C | Z | 84.793 | 2.5 |
| 84 | MP5C | Mx | .029 | 2.5 |
| 85 | MP5C | X | -146.865 | 7.5 |
| 86 | MP5C | Z | 84.793 | 7.5 |
| 87 | MP5C | Mx | .029 | 7.5 |
| 88 | MP3B | X | -8.593 | 3.5 |
| 89 | MP3B | Z | 4.961 | 3.5 |
| 90 | MP3B | Mx | .005 | 3.5 |
| 91 | MP3A | X | -40.635 | 3 |
| 92 | MP3A | Z | 23.46 | 3 |
| 93 | MP3A | Mx | .02 | 3 |
| 94 | MP3B | X | -34.391 | 1 |
| 95 | MP3B | Z | 19.856 | 1 |
| 96 | MP3B | Mx | -.02 | 1 |
| 97 | MP3C | X | -58.613 | 3 |
| 98 | MP3C | Z | 33.84 | 3 |
| 99 | MP3C | Mx | .012 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | -35.185 | 3.75 |
| 2 | MP1A | Z | 0 | 3.75 |
| 3 | MP1A | Mx | .018 | 3.75 |
| 4 | MP1A | X | -35.185 | 5 |
| 5 | MP1A | Z | 0 | 5 |
| 6 | MP1A | Mx | .018 | 5 |
| 7 | MP1B | X | -57.781 | 3.75 |
| 8 | MP1B | Z | 0 | 3.75 |
| 9 | MP1B | Mx | -.022 | 3.75 |
| 10 | MP1B | X | -57.781 | 5 |
| 11 | MP1B | Z | 0 | 5 |
| 12 | MP1B | Mx | -.022 | 5 |
| 13 | MP1C | X | -88.225 | 3.75 |
| 14 | MP1C | Z | 0 | 3.75 |
| 15 | MP1C | Mx | -.008 | 3.75 |
| 16 | MP1C | X | -88.225 | 5 |
| 17 | MP1C | Z | 0 | 5 |
| 18 | MP1C | Mx | -.008 | 5 |
| 19 | MP3A | X | -9.79 | 1 |
| 20 | MP3A | Z | 0 | 1 |
| 21 | MP3A | Mx | -.005 | 1 |
| 22 | MP3C | X | -14.019 | 1 |
| 23 | MP3C | Z | 0 | 1 |
| 24 | MP3C | Mx | .001 | 1 |
| 25 | MP2A | X | -47.805 | 5 |
| 26 | MP2A | Z | 0 | 5 |
| 27 | MP2A | Mx | -.024 | 5 |
| 28 | MP2B | X | -57.602 | 5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 29 | MP2B | Z | 0 | 5 |
| 30 | MP2B | Mx | .022 | 5 |
| 31 | MP2C | X | -70.802 | 5 |
| 32 | MP2C | Z | 0 | 5 |
| 33 | MP2C | Mx | .006 | 5 |
| 34 | MP3A | X | -114.414 | .5 |
| 35 | MP3A | Z | 0 | .5 |
| 36 | MP3A | Mx | .057 | .5 |
| 37 | MP3A | X | -114.414 | 5.5 |
| 38 | MP3A | Z | 0 | 5.5 |
| 39 | MP3A | Mx | .057 | 5.5 |
| 40 | MP3C | X | -172.399 | .5 |
| 41 | MP3C | Z | 0 | .5 |
| 42 | MP3C | Mx | -.114 | .5 |
| 43 | MP3C | X | -172.399 | 5.5 |
| 44 | MP3C | Z | 0 | 5.5 |
| 45 | MP3C | Mx | -.114 | 5.5 |
| 46 | MP3A | X | -114.414 | .5 |
| 47 | MP3A | Z | 0 | .5 |
| 48 | MP3A | Mx | .057 | .5 |
| 49 | MP3A | X | -114.414 | 5.5 |
| 50 | MP3A | Z | 0 | 5.5 |
| 51 | MP3A | Mx | .057 | 5.5 |
| 52 | MP3C | X | -172.399 | .5 |
| 53 | MP3C | Z | 0 | .5 |
| 54 | MP3C | Mx | .084 | .5 |
| 55 | MP3C | X | -172.399 | 5.5 |
| 56 | MP3C | Z | 0 | 5.5 |
| 57 | MP3C | Mx | .084 | 5.5 |
| 58 | MP3B | X | -139.117 | .5 |
| 59 | MP3B | Z | 0 | .5 |
| 60 | MP3B | Mx | -.001 | .5 |
| 61 | MP3B | X | -139.117 | 5.5 |
| 62 | MP3B | Z | 0 | 5.5 |
| 63 | MP3B | Mx | -.001 | 5.5 |
| 64 | MP3B | X | -139.117 | .5 |
| 65 | MP3B | Z | 0 | .5 |
| 66 | MP3B | Mx | -.105 | .5 |
| 67 | MP3B | X | -139.117 | 5.5 |
| 68 | MP3B | Z | 0 | 5.5 |
| 69 | MP3B | Mx | -.105 | 5.5 |
| 70 | MP5A | X | -117.412 | 2.5 |
| 71 | MP5A | Z | 0 | 2.5 |
| 72 | MP5A | Mx | .059 | 2.5 |
| 73 | MP5A | X | -117.412 | 7.5 |
| 74 | MP5A | Z | 0 | 7.5 |
| 75 | MP5A | Mx | .059 | 7.5 |
| 76 | MP5B | X | -157.059 | 2.5 |
| 77 | MP5B | Z | 0 | 2.5 |
| 78 | MP5B | Mx | -.045 | 2.5 |
| 79 | MP5B | X | -157.059 | 7.5 |
| 80 | MP5B | Z | 0 | 7.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 81 | MP5B | Mx | -.045 | 7.5 |
| 82 | MP5C | X | -174.715 | 2.5 |
| 83 | MP5C | Z | 0 | 2.5 |
| 84 | MP5C | Mx | -.015 | 2.5 |
| 85 | MP5C | X | -174.715 | 7.5 |
| 86 | MP5C | Z | 0 | 7.5 |
| 87 | MP5C | Mx | -.015 | 7.5 |
| 88 | MP3B | X | -11.592 | 3.5 |
| 89 | MP3B | Z | 0 | 3.5 |
| 90 | MP3B | Mx | .004 | 3.5 |
| 91 | MP3A | X | -38.722 | 3 |
| 92 | MP3A | Z | 0 | 3 |
| 93 | MP3A | Mx | .019 | 3 |
| 94 | MP3B | X | -52.272 | 1 |
| 95 | MP3B | Z | 0 | 1 |
| 96 | MP3B | Mx | -.02 | 1 |
| 97 | MP3C | X | -70.528 | 3 |
| 98 | MP3C | Z | 0 | 3 |
| 99 | MP3C | Mx | -.006 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | -42.312 | 3.75 |
| 2 | MP1A | Z | -24.429 | 3.75 |
| 3 | MP1A | Mx | .021 | 3.75 |
| 4 | MP1A | X | -42.312 | 5 |
| 5 | MP1A | Z | -24.429 | 5 |
| 6 | MP1A | Mx | .021 | 5 |
| 7 | MP1B | X | -72.293 | 3.75 |
| 8 | MP1B | Z | -41.738 | 3.75 |
| 9 | MP1B | Mx | -.014 | 3.75 |
| 10 | MP1B | X | -72.293 | 5 |
| 11 | MP1B | Z | -41.738 | 5 |
| 12 | MP1B | Mx | -.014 | 5 |
| 13 | MP1C | X | -58.264 | 3.75 |
| 14 | MP1C | Z | -33.639 | 3.75 |
| 15 | MP1C | Mx | -.022 | 3.75 |
| 16 | MP1C | X | -58.264 | 5 |
| 17 | MP1C | Z | -33.639 | 5 |
| 18 | MP1C | Mx | -.022 | 5 |
| 19 | MP3A | X | -9.423 | 1 |
| 20 | MP3A | Z | -5.44 | 1 |
| 21 | MP3A | Mx | -.005 | 1 |
| 22 | MP3C | X | -10.695 | 1 |
| 23 | MP3C | Z | -6.174 | 1 |
| 24 | MP3C | Mx | .004 | 1 |
| 25 | MP2A | X | -46.534 | 5 |
| 26 | MP2A | Z | -26.866 | 5 |
| 27 | MP2A | Mx | -.023 | 5 |
| 28 | MP2B | X | -59.533 | 5 |
| 29 | MP2B | Z | -34.371 | 5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 30 | MP2B | Mx | .012 | 5 |
| 31 | MP2C | X | -53.451 | 5 |
| 32 | MP2C | Z | -30.86 | 5 |
| 33 | MP2C | Mx | .02 | 5 |
| 34 | MP3A | X | -112.03 | .5 |
| 35 | MP3A | Z | -64.68 | .5 |
| 36 | MP3A | Mx | .018 | .5 |
| 37 | MP3A | X | -112.03 | 5.5 |
| 38 | MP3A | Z | -64.68 | 5.5 |
| 39 | MP3A | Mx | .018 | 5.5 |
| 40 | MP3C | X | -129.47 | .5 |
| 41 | MP3C | Z | -74.749 | .5 |
| 42 | MP3C | Mx | -.115 | .5 |
| 43 | MP3C | X | -129.47 | 5.5 |
| 44 | MP3C | Z | -74.749 | 5.5 |
| 45 | MP3C | Mx | -.115 | 5.5 |
| 46 | MP3A | X | -112.03 | .5 |
| 47 | MP3A | Z | -64.68 | .5 |
| 48 | MP3A | Mx | .094 | .5 |
| 49 | MP3A | X | -112.03 | 5.5 |
| 50 | MP3A | Z | -64.68 | 5.5 |
| 51 | MP3A | Mx | .094 | 5.5 |
| 52 | MP3C | X | -129.47 | .5 |
| 53 | MP3C | Z | -74.749 | .5 |
| 54 | MP3C | Mx | .019 | .5 |
| 55 | MP3C | X | -129.47 | 5.5 |
| 56 | MP3C | Z | -74.749 | 5.5 |
| 57 | MP3C | Mx | .019 | 5.5 |
| 58 | MP3B | X | -144.806 | .5 |
| 59 | MP3B | Z | -83.604 | .5 |
| 60 | MP3B | Mx | .063 | .5 |
| 61 | MP3B | X | -144.806 | 5.5 |
| 62 | MP3B | Z | -83.604 | 5.5 |
| 63 | MP3B | Mx | .063 | 5.5 |
| 64 | MP3B | X | -144.806 | .5 |
| 65 | MP3B | Z | -83.604 | .5 |
| 66 | MP3B | Mx | -.12 | .5 |
| 67 | MP3B | X | -144.806 | 5.5 |
| 68 | MP3B | Z | -83.604 | 5.5 |
| 69 | MP3B | Mx | -.12 | 5.5 |
| 70 | MP5A | X | -114.474 | 2.5 |
| 71 | MP5A | Z | -66.092 | 2.5 |
| 72 | MP5A | Mx | .057 | 2.5 |
| 73 | MP5A | X | -114.474 | 7.5 |
| 74 | MP5A | Z | -66.092 | 7.5 |
| 75 | MP5A | Mx | .057 | 7.5 |
| 76 | MP5B | X | -152.462 | 2.5 |
| 77 | MP5B | Z | -88.024 | 2.5 |
| 78 | MP5B | Mx | -.008 | 2.5 |
| 79 | MP5B | X | -152.462 | 7.5 |
| 80 | MP5B | Z | -88.024 | 7.5 |
| 81 | MP5B | Mx | -.008 | 7.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 82 | MP5C | X | -131.709 | 2.5 |
| 83 | MP5C | Z | -76.042 | 2.5 |
| 84 | MP5C | Mx | -.049 | 2.5 |
| 85 | MP5C | X | -131.709 | 7.5 |
| 86 | MP5C | Z | -76.042 | 7.5 |
| 87 | MP5C | Mx | -.049 | 7.5 |
| 88 | MP3B | X | -11.813 | 3.5 |
| 89 | MP3B | Z | -6.82 | 3.5 |
| 90 | MP3B | Mx | .002 | 3.5 |
| 91 | MP3A | X | -40.635 | 3 |
| 92 | MP3A | Z | -23.46 | 3 |
| 93 | MP3A | Mx | .02 | 3 |
| 94 | MP3B | X | -58.613 | 1 |
| 95 | MP3B | Z | -33.84 | 1 |
| 96 | MP3B | Mx | -.012 | 1 |
| 97 | MP3C | X | -50.201 | 3 |
| 98 | MP3C | Z | -28.983 | 3 |
| 99 | MP3C | Mx | -.019 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | -38.101 | 3.75 |
| 2 | MP1A | Z | -65.993 | 3.75 |
| 3 | MP1A | Mx | .019 | 3.75 |
| 4 | MP1A | X | -38.101 | 5 |
| 5 | MP1A | Z | -65.993 | 5 |
| 6 | MP1A | Mx | .019 | 5 |
| 7 | MP1B | X | -44.112 | 3.75 |
| 8 | MP1B | Z | -76.405 | 3.75 |
| 9 | MP1B | Mx | .008 | 3.75 |
| 10 | MP1B | X | -44.112 | 5 |
| 11 | MP1B | Z | -76.405 | 5 |
| 12 | MP1B | Mx | .008 | 5 |
| 13 | MP1C | X | -20.791 | 3.75 |
| 14 | MP1C | Z | -36.012 | 3.75 |
| 15 | MP1C | Mx | -.02 | 3.75 |
| 16 | MP1C | X | -20.791 | 5 |
| 17 | MP1C | Z | -36.012 | 5 |
| 18 | MP1C | Mx | -.02 | 5 |
| 19 | MP3A | X | -6.53 | 1 |
| 20 | MP3A | Z | -11.311 | 1 |
| 21 | MP3A | Mx | -.003 | 1 |
| 22 | MP3C | X | -5.15 | 1 |
| 23 | MP3C | Z | -8.92 | 1 |
| 24 | MP3C | Mx | .005 | 1 |
| 25 | MP2A | X | -32.794 | 5 |
| 26 | MP2A | Z | -56.801 | 5 |
| 27 | MP2A | Mx | -.016 | 5 |
| 28 | MP2B | X | -35.401 | 5 |
| 29 | MP2B | Z | -61.316 | 5 |
| 30 | MP2B | Mx | -.006 | 5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 31 | MP2C | X | -25.289 | 5 |
| 32 | MP2C | Z | -43.803 | 5 |
| 33 | MP2C | Mx | .024 | 5 |
| 34 | MP3A | X | -79.627 | .5 |
| 35 | MP3A | Z | -137.919 | .5 |
| 36 | MP3A | Mx | -.041 | .5 |
| 37 | MP3A | X | -79.627 | 5.5 |
| 38 | MP3A | Z | -137.919 | 5.5 |
| 39 | MP3A | Mx | -.041 | 5.5 |
| 40 | MP3C | X | -60.704 | .5 |
| 41 | MP3C | Z | -105.142 | .5 |
| 42 | MP3C | Mx | -.081 | .5 |
| 43 | MP3C | X | -60.704 | 5.5 |
| 44 | MP3C | Z | -105.142 | 5.5 |
| 45 | MP3C | Mx | -.081 | 5.5 |
| 46 | MP3A | X | -79.627 | .5 |
| 47 | MP3A | Z | -137.919 | .5 |
| 48 | MP3A | Mx | .12 | .5 |
| 49 | MP3A | X | -79.627 | 5.5 |
| 50 | MP3A | Z | -137.919 | 5.5 |
| 51 | MP3A | Mx | .12 | 5.5 |
| 52 | MP3C | X | -60.704 | .5 |
| 53 | MP3C | Z | -105.142 | .5 |
| 54 | MP3C | Mx | -.033 | .5 |
| 55 | MP3C | X | -60.704 | 5.5 |
| 56 | MP3C | Z | -105.142 | 5.5 |
| 57 | MP3C | Mx | -.033 | 5.5 |
| 58 | MP3B | X | -86.2 | .5 |
| 59 | MP3B | Z | -149.302 | .5 |
| 60 | MP3B | Mx | .114 | .5 |
| 61 | MP3B | X | -86.2 | 5.5 |
| 62 | MP3B | Z | -149.302 | 5.5 |
| 63 | MP3B | Mx | .114 | 5.5 |
| 64 | MP3B | X | -86.2 | .5 |
| 65 | MP3B | Z | -149.302 | .5 |
| 66 | MP3B | Mx | -.084 | .5 |
| 67 | MP3B | X | -86.2 | 5.5 |
| 68 | MP3B | Z | -149.302 | 5.5 |
| 69 | MP3B | Mx | -.084 | 5.5 |
| 70 | MP5A | X | -80.863 | 2.5 |
| 71 | MP5A | Z | -140.058 | 2.5 |
| 72 | MP5A | Mx | .04 | 2.5 |
| 73 | MP5A | X | -80.863 | 7.5 |
| 74 | MP5A | Z | -140.058 | 7.5 |
| 75 | MP5A | Mx | .04 | 7.5 |
| 76 | MP5B | X | -82.972 | 2.5 |
| 77 | MP5B | Z | -143.712 | 2.5 |
| 78 | MP5B | Mx | .035 | 2.5 |
| 79 | MP5B | X | -82.972 | 7.5 |
| 80 | MP5B | Z | -143.712 | 7.5 |
| 81 | MP5B | Mx | .035 | 7.5 |
| 82 | MP5C | X | -62.162 | 2.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 83 | MP5C | Z | -107.668 | 2.5 |
| 84 | MP5C | Mx | -.058 | 2.5 |
| 85 | MP5C | X | -62.162 | 7.5 |
| 86 | MP5C | Z | -107.668 | 7.5 |
| 87 | MP5C | Mx | -.058 | 7.5 |
| 88 | MP3B | X | -7.009 | 3.5 |
| 89 | MP3B | Z | -12.141 | 3.5 |
| 90 | MP3B | Mx | -.001 | 3.5 |
| 91 | MP3A | X | -31.659 | 3 |
| 92 | MP3A | Z | -54.835 | 3 |
| 93 | MP3A | Mx | .016 | 3 |
| 94 | MP3B | X | -35.264 | 1 |
| 95 | MP3B | Z | -61.079 | 1 |
| 96 | MP3B | Mx | .006 | 1 |
| 97 | MP3C | X | -21.279 | 3 |
| 98 | MP3C | Z | -36.857 | 3 |
| 99 | MP3C | Mx | -.02 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | 0 | 3.75 |
| 2 | MP1A | Z | -16.002 | 3.75 |
| 3 | MP1A | Mx | 0 | 3.75 |
| 4 | MP1A | X | 0 | 5 |
| 5 | MP1A | Z | -16.002 | 5 |
| 6 | MP1A | Mx | 0 | 5 |
| 7 | MP1B | X | 0 | 3.75 |
| 8 | MP1B | Z | -12.209 | 3.75 |
| 9 | MP1B | Mx | .004 | 3.75 |
| 10 | MP1B | X | 0 | 5 |
| 11 | MP1B | Z | -12.209 | 5 |
| 12 | MP1B | Mx | .004 | 5 |
| 13 | MP1C | X | 0 | 3.75 |
| 14 | MP1C | Z | -7.098 | 3.75 |
| 15 | MP1C | Mx | -.003 | 3.75 |
| 16 | MP1C | X | 0 | 5 |
| 17 | MP1C | Z | -7.098 | 5 |
| 18 | MP1C | Mx | -.003 | 5 |
| 19 | MP3A | X | 0 | 1 |
| 20 | MP3A | Z | -3.28 | 1 |
| 21 | MP3A | Mx | 0 | 1 |
| 22 | MP3C | X | 0 | 1 |
| 23 | MP3C | Z | -2.487 | 1 |
| 24 | MP3C | Mx | .001 | 1 |
| 25 | MP2A | X | 0 | 5 |
| 26 | MP2A | Z | -13.492 | 5 |
| 27 | MP2A | Mx | 0 | 5 |
| 28 | MP2B | X | 0 | 5 |
| 29 | MP2B | Z | -11.797 | 5 |
| 30 | MP2B | Mx | -.004 | 5 |
| 31 | MP2C | X | 0 | 5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 32 | MP2C | Z | -9.512 | 5 |
| 33 | MP2C | Mx | .005 | 5 |
| 34 | MP3A | X | 0 | .5 |
| 35 | MP3A | Z | -30.081 | .5 |
| 36 | MP3A | Mx | -.018 | .5 |
| 37 | MP3A | X | 0 | 5.5 |
| 38 | MP3A | Z | -30.081 | 5.5 |
| 39 | MP3A | Mx | -.018 | 5.5 |
| 40 | MP3C | X | 0 | .5 |
| 41 | MP3C | Z | -20.813 | .5 |
| 42 | MP3C | Mx | -.008 | .5 |
| 43 | MP3C | X | 0 | 5.5 |
| 44 | MP3C | Z | -20.813 | 5.5 |
| 45 | MP3C | Mx | -.008 | 5.5 |
| 46 | MP3A | X | 0 | .5 |
| 47 | MP3A | Z | -30.081 | .5 |
| 48 | MP3A | Mx | .018 | .5 |
| 49 | MP3A | X | 0 | 5.5 |
| 50 | MP3A | Z | -30.081 | 5.5 |
| 51 | MP3A | Mx | .018 | 5.5 |
| 52 | MP3C | X | 0 | .5 |
| 53 | MP3C | Z | -20.813 | .5 |
| 54 | MP3C | Mx | -.012 | .5 |
| 55 | MP3C | X | 0 | 5.5 |
| 56 | MP3C | Z | -20.813 | 5.5 |
| 57 | MP3C | Mx | -.012 | 5.5 |
| 58 | MP3B | X | 0 | .5 |
| 59 | MP3B | Z | -26.133 | .5 |
| 60 | MP3B | Mx | .02 | .5 |
| 61 | MP3B | X | 0 | 5.5 |
| 62 | MP3B | Z | -26.133 | 5.5 |
| 63 | MP3B | Mx | .02 | 5.5 |
| 64 | MP3B | X | 0 | .5 |
| 65 | MP3B | Z | -26.133 | .5 |
| 66 | MP3B | Mx | -.003 | .5 |
| 67 | MP3B | X | 0 | 5.5 |
| 68 | MP3B | Z | -26.133 | 5.5 |
| 69 | MP3B | Mx | -.003 | 5.5 |
| 70 | MP5A | X | 0 | 2.5 |
| 71 | MP5A | Z | -30.604 | 2.5 |
| 72 | MP5A | Mx | 0 | 2.5 |
| 73 | MP5A | X | 0 | 7.5 |
| 74 | MP5A | Z | -30.604 | 7.5 |
| 75 | MP5A | Mx | 0 | 7.5 |
| 76 | MP5B | X | 0 | 2.5 |
| 77 | MP5B | Z | -24.258 | 2.5 |
| 78 | MP5B | Mx | .01 | 2.5 |
| 79 | MP5B | X | 0 | 7.5 |
| 80 | MP5B | Z | -24.258 | 7.5 |
| 81 | MP5B | Mx | .01 | 7.5 |
| 82 | MP5C | X | 0 | 2.5 |
| 83 | MP5C | Z | -21.432 | 2.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 84 | MP5C | Mx | -.011 | 2.5 |
| 85 | MP5C | X | 0 | 7.5 |
| 86 | MP5C | Z | -21.432 | 7.5 |
| 87 | MP5C | Mx | -.011 | 7.5 |
| 88 | MP3B | X | 0 | 3.5 |
| 89 | MP3B | Z | -2.942 | 3.5 |
| 90 | MP3B | Mx | -.000946 | 3.5 |
| 91 | MP3A | X | 0 | 3 |
| 92 | MP3A | Z | -13.492 | 3 |
| 93 | MP3A | Mx | 0 | 3 |
| 94 | MP3B | X | 0 | 1 |
| 95 | MP3B | Z | -11.152 | 1 |
| 96 | MP3B | Mx | .004 | 1 |
| 97 | MP3C | X | 0 | 3 |
| 98 | MP3C | Z | -7.999 | 3 |
| 99 | MP3C | Mx | -.004 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | 6.853 | 3.75 |
| 2 | MP1A | Z | -11.87 | 3.75 |
| 3 | MP1A | Mx | -.003 | 3.75 |
| 4 | MP1A | X | 6.853 | 5 |
| 5 | MP1A | Z | -11.87 | 5 |
| 6 | MP1A | Mx | -.003 | 5 |
| 7 | MP1B | X | 3.947 | 3.75 |
| 8 | MP1B | Z | -6.837 | 3.75 |
| 9 | MP1B | Mx | .004 | 3.75 |
| 10 | MP1B | X | 3.947 | 5 |
| 11 | MP1B | Z | -6.837 | 5 |
| 12 | MP1B | Mx | .004 | 5 |
| 13 | MP1C | X | 5.307 | 3.75 |
| 14 | MP1C | Z | -9.192 | 3.75 |
| 15 | MP1C | Mx | -.004 | 3.75 |
| 16 | MP1C | X | 5.307 | 5 |
| 17 | MP1C | Z | -9.192 | 5 |
| 18 | MP1C | Mx | -.004 | 5 |
| 19 | MP3A | X | 1.538 | 1 |
| 20 | MP3A | Z | -2.664 | 1 |
| 21 | MP3A | Mx | .000769 | 1 |
| 22 | MP3C | X | 1.4 | 1 |
| 23 | MP3C | Z | -2.425 | 1 |
| 24 | MP3C | Mx | .001 | 1 |
| 25 | MP2A | X | 6.233 | 5 |
| 26 | MP2A | Z | -10.796 | 5 |
| 27 | MP2A | Mx | .003 | 5 |
| 28 | MP2B | X | 4.934 | 5 |
| 29 | MP2B | Z | -8.546 | 5 |
| 30 | MP2B | Mx | -.005 | 5 |
| 31 | MP2C | X | 5.542 | 5 |
| 32 | MP2C | Z | -9.599 | 5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 33 | MP2C | Mx | .004 | 5 |
| 34 | MP3A | X | 13.846 | .5 |
| 35 | MP3A | Z | -23.982 | .5 |
| 36 | MP3A | Mx | -.021 | .5 |
| 37 | MP3A | X | 13.846 | 5.5 |
| 38 | MP3A | Z | -23.982 | 5.5 |
| 39 | MP3A | Mx | -.021 | 5.5 |
| 40 | MP3C | X | 12.237 | .5 |
| 41 | MP3C | Z | -21.194 | .5 |
| 42 | MP3C | Mx | -.000197 | .5 |
| 43 | MP3C | X | 12.237 | 5.5 |
| 44 | MP3C | Z | -21.194 | 5.5 |
| 45 | MP3C | Mx | -.000197 | 5.5 |
| 46 | MP3A | X | 13.846 | .5 |
| 47 | MP3A | Z | -23.982 | .5 |
| 48 | MP3A | Mx | .007 | .5 |
| 49 | MP3A | X | 13.846 | 5.5 |
| 50 | MP3A | Z | -23.982 | 5.5 |
| 51 | MP3A | Mx | .007 | 5.5 |
| 52 | MP3C | X | 12.237 | .5 |
| 53 | MP3C | Z | -21.194 | .5 |
| 54 | MP3C | Mx | -.019 | .5 |
| 55 | MP3C | X | 12.237 | 5.5 |
| 56 | MP3C | Z | -21.194 | 5.5 |
| 57 | MP3C | Mx | -.019 | 5.5 |
| 58 | MP3B | X | 10.821 | .5 |
| 59 | MP3B | Z | -18.743 | .5 |
| 60 | MP3B | Mx | .014 | .5 |
| 61 | MP3B | X | 10.821 | 5.5 |
| 62 | MP3B | Z | -18.743 | 5.5 |
| 63 | MP3B | Mx | .014 | 5.5 |
| 64 | MP3B | X | 10.821 | .5 |
| 65 | MP3B | Z | -18.743 | .5 |
| 66 | MP3B | Mx | .006 | .5 |
| 67 | MP3B | X | 10.821 | 5.5 |
| 68 | MP3B | Z | -18.743 | 5.5 |
| 69 | MP3B | Mx | .006 | 5.5 |
| 70 | MP5A | X | 14.12 | 2.5 |
| 71 | MP5A | Z | -24.457 | 2.5 |
| 72 | MP5A | Mx | -.007 | 2.5 |
| 73 | MP5A | X | 14.12 | 7.5 |
| 74 | MP5A | Z | -24.457 | 7.5 |
| 75 | MP5A | Mx | -.007 | 7.5 |
| 76 | MP5B | X | 10.61 | 2.5 |
| 77 | MP5B | Z | -18.376 | 2.5 |
| 78 | MP5B | Mx | .011 | 2.5 |
| 79 | MP5B | X | 10.61 | 7.5 |
| 80 | MP5B | Z | -18.376 | 7.5 |
| 81 | MP5B | Mx | .011 | 7.5 |
| 82 | MP5C | X | 12.527 | 2.5 |
| 83 | MP5C | Z | -21.698 | 2.5 |
| 84 | MP5C | Mx | -.01 | 2.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 85 | MP5C | X | 12.527 | 7.5 |
| 86 | MP5C | Z | -21.698 | 7.5 |
| 87 | MP5C | Mx | -.01 | 7.5 |
| 88 | MP3B | X | 1.279 | 3.5 |
| 89 | MP3B | Z | -2.215 | 3.5 |
| 90 | MP3B | Mx | -.001 | 3.5 |
| 91 | MP3A | X | 6.038 | 3 |
| 92 | MP3A | Z | -10.459 | 3 |
| 93 | MP3A | Mx | -.003 | 3 |
| 94 | MP3B | X | 4.246 | 1 |
| 95 | MP3B | Z | -7.353 | 1 |
| 96 | MP3B | Mx | .004 | 1 |
| 97 | MP3C | X | 5.084 | 3 |
| 98 | MP3C | Z | -8.806 | 3 |
| 99 | MP3C | Mx | -.004 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | 7.895 | 3.75 |
| 2 | MP1A | Z | -4.558 | 3.75 |
| 3 | MP1A | Mx | -.004 | 3.75 |
| 4 | MP1A | X | 7.895 | 5 |
| 5 | MP1A | Z | -4.558 | 5 |
| 6 | MP1A | Mx | -.004 | 5 |
| 7 | MP1B | X | 6.147 | 3.75 |
| 8 | MP1B | Z | -3.549 | 3.75 |
| 9 | MP1B | Mx | .003 | 3.75 |
| 10 | MP1B | X | 6.147 | 5 |
| 11 | MP1B | Z | -3.549 | 5 |
| 12 | MP1B | Mx | .003 | 5 |
| 13 | MP1C | X | 12.928 | 3.75 |
| 14 | MP1C | Z | -7.464 | 3.75 |
| 15 | MP1C | Mx | -.003 | 3.75 |
| 16 | MP1C | X | 12.928 | 5 |
| 17 | MP1C | Z | -7.464 | 5 |
| 18 | MP1C | Mx | -.003 | 5 |
| 19 | MP3A | X | 2.31 | 1 |
| 20 | MP3A | Z | -1.333 | 1 |
| 21 | MP3A | Mx | .001 | 1 |
| 22 | MP3C | X | 2.758 | 1 |
| 23 | MP3C | Z | -1.592 | 1 |
| 24 | MP3C | Mx | .000544 | 1 |
| 25 | MP2A | X | 9.019 | 5 |
| 26 | MP2A | Z | -5.207 | 5 |
| 27 | MP2A | Mx | .005 | 5 |
| 28 | MP2B | X | 8.238 | 5 |
| 29 | MP2B | Z | -4.756 | 5 |
| 30 | MP2B | Mx | -.005 | 5 |
| 31 | MP2C | X | 11.269 | 5 |
| 32 | MP2C | Z | -6.506 | 5 |
| 33 | MP2C | Mx | .002 | 5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 34 | MP3A | X | 19.844 | .5 |
| 35 | MP3A | Z | -11.457 | .5 |
| 36 | MP3A | Mx | -.017 | .5 |
| 37 | MP3A | X | 19.844 | 5.5 |
| 38 | MP3A | Z | -11.457 | 5.5 |
| 39 | MP3A | Mx | -.017 | 5.5 |
| 40 | MP3C | X | 25.083 | .5 |
| 41 | MP3C | Z | -14.481 | .5 |
| 42 | MP3C | Mx | .011 | .5 |
| 43 | MP3C | X | 25.083 | 5.5 |
| 44 | MP3C | Z | -14.481 | 5.5 |
| 45 | MP3C | Mx | .011 | 5.5 |
| 46 | MP3A | X | 19.844 | .5 |
| 47 | MP3A | Z | -11.457 | .5 |
| 48 | MP3A | Mx | -.003 | .5 |
| 49 | MP3A | X | 19.844 | 5.5 |
| 50 | MP3A | Z | -11.457 | 5.5 |
| 51 | MP3A | Mx | -.003 | 5.5 |
| 52 | MP3C | X | 25.083 | .5 |
| 53 | MP3C | Z | -14.481 | .5 |
| 54 | MP3C | Mx | -.021 | .5 |
| 55 | MP3C | X | 25.083 | 5.5 |
| 56 | MP3C | Z | -14.481 | 5.5 |
| 57 | MP3C | Mx | -.021 | 5.5 |
| 58 | MP3B | X | 18.025 | .5 |
| 59 | MP3B | Z | -10.407 | .5 |
| 60 | MP3B | Mx | .008 | .5 |
| 61 | MP3B | X | 18.025 | 5.5 |
| 62 | MP3B | Z | -10.407 | 5.5 |
| 63 | MP3B | Mx | .008 | 5.5 |
| 64 | MP3B | X | 18.025 | .5 |
| 65 | MP3B | Z | -10.407 | .5 |
| 66 | MP3B | Mx | .012 | .5 |
| 67 | MP3B | X | 18.025 | 5.5 |
| 68 | MP3B | Z | -10.407 | 5.5 |
| 69 | MP3B | Mx | .012 | 5.5 |
| 70 | MP5A | X | 20.362 | 2.5 |
| 71 | MP5A | Z | -11.756 | 2.5 |
| 72 | MP5A | Mx | -.01 | 2.5 |
| 73 | MP5A | X | 20.362 | 7.5 |
| 74 | MP5A | Z | -11.756 | 7.5 |
| 75 | MP5A | Mx | -.01 | 7.5 |
| 76 | MP5B | X | 19.777 | 2.5 |
| 77 | MP5B | Z | -11.418 | 2.5 |
| 78 | MP5B | Mx | .01 | 2.5 |
| 79 | MP5B | X | 19.777 | 7.5 |
| 80 | MP5B | Z | -11.418 | 7.5 |
| 81 | MP5B | Mx | .01 | 7.5 |
| 82 | MP5C | X | 25.546 | 2.5 |
| 83 | MP5C | Z | -14.749 | 2.5 |
| 84 | MP5C | Mx | -.005 | 2.5 |
| 85 | MP5C | X | 25.546 | 7.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 86 | MP5C | Z | -14.749 | 7.5 |
| 87 | MP5C | Mx | -.005 | 7.5 |
| 88 | MP3B | X | 2.154 | 3.5 |
| 89 | MP3B | Z | -1.244 | 3.5 |
| 90 | MP3B | Mx | -.001 | 3.5 |
| 91 | MP3A | X | 8.006 | 3 |
| 92 | MP3A | Z | -4.622 | 3 |
| 93 | MP3A | Mx | -.004 | 3 |
| 94 | MP3B | X | 6.928 | 1 |
| 95 | MP3B | Z | -4 | 1 |
| 96 | MP3B | Mx | .004 | 1 |
| 97 | MP3C | X | 11.111 | 3 |
| 98 | MP3C | Z | -6.415 | 3 |
| 99 | MP3C | Mx | -.002 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | 6.821 | 3.75 |
| 2 | MP1A | Z | 0 | 3.75 |
| 3 | MP1A | Mx | -.003 | 3.75 |
| 4 | MP1A | X | 6.821 | 5 |
| 5 | MP1A | Z | 0 | 5 |
| 6 | MP1A | Mx | -.003 | 5 |
| 7 | MP1B | X | 10.614 | 3.75 |
| 8 | MP1B | Z | 0 | 3.75 |
| 9 | MP1B | Mx | .004 | 3.75 |
| 10 | MP1B | X | 10.614 | 5 |
| 11 | MP1B | Z | 0 | 5 |
| 12 | MP1B | Mx | .004 | 5 |
| 13 | MP1C | X | 15.725 | 3.75 |
| 14 | MP1C | Z | 0 | 3.75 |
| 15 | MP1C | Mx | .001 | 3.75 |
| 16 | MP1C | X | 15.725 | 5 |
| 17 | MP1C | Z | 0 | 5 |
| 18 | MP1C | Mx | .001 | 5 |
| 19 | MP3A | X | 2.462 | 1 |
| 20 | MP3A | Z | 0 | 1 |
| 21 | MP3A | Mx | .001 | 1 |
| 22 | MP3C | X | 3.255 | 1 |
| 23 | MP3C | Z | 0 | 1 |
| 24 | MP3C | Mx | -.000283 | 1 |
| 25 | MP2A | X | 9.388 | 5 |
| 26 | MP2A | Z | 0 | 5 |
| 27 | MP2A | Mx | .005 | 5 |
| 28 | MP2B | X | 11.084 | 5 |
| 29 | MP2B | Z | 0 | 5 |
| 30 | MP2B | Mx | -.004 | 5 |
| 31 | MP2C | X | 13.369 | 5 |
| 32 | MP2C | Z | 0 | 5 |
| 33 | MP2C | Mx | -.001 | 5 |
| 34 | MP3A | X | 20.525 | .5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 35 | MP3A | Z | 0 | .5 |
| 36 | MP3A | Mx | -.01 | .5 |
| 37 | MP3A | X | 20.525 | 5.5 |
| 38 | MP3A | Z | 0 | 5.5 |
| 39 | MP3A | Mx | -.01 | 5.5 |
| 40 | MP3C | X | 29.792 | .5 |
| 41 | MP3C | Z | 0 | .5 |
| 42 | MP3C | Mx | .02 | .5 |
| 43 | MP3C | X | 29.792 | 5.5 |
| 44 | MP3C | Z | 0 | 5.5 |
| 45 | MP3C | Mx | .02 | 5.5 |
| 46 | MP3A | X | 20.525 | .5 |
| 47 | MP3A | Z | 0 | .5 |
| 48 | MP3A | Mx | -.01 | .5 |
| 49 | MP3A | X | 20.525 | 5.5 |
| 50 | MP3A | Z | 0 | 5.5 |
| 51 | MP3A | Mx | -.01 | 5.5 |
| 52 | MP3C | X | 29.792 | .5 |
| 53 | MP3C | Z | 0 | .5 |
| 54 | MP3C | Mx | -.015 | .5 |
| 55 | MP3C | X | 29.792 | 5.5 |
| 56 | MP3C | Z | 0 | 5.5 |
| 57 | MP3C | Mx | -.015 | 5.5 |
| 58 | MP3B | X | 24.473 | .5 |
| 59 | MP3B | Z | 0 | .5 |
| 60 | MP3B | Mx | .000197 | .5 |
| 61 | MP3B | X | 24.473 | 5.5 |
| 62 | MP3B | Z | 0 | 5.5 |
| 63 | MP3B | Mx | .000197 | 5.5 |
| 64 | MP3B | X | 24.473 | .5 |
| 65 | MP3B | Z | 0 | .5 |
| 66 | MP3B | Mx | .019 | .5 |
| 67 | MP3B | X | 24.473 | 5.5 |
| 68 | MP3B | Z | 0 | 5.5 |
| 69 | MP3B | Mx | .019 | 5.5 |
| 70 | MP5A | X | 21.147 | 2.5 |
| 71 | MP5A | Z | 0 | 2.5 |
| 72 | MP5A | Mx | -.011 | 2.5 |
| 73 | MP5A | X | 21.147 | 7.5 |
| 74 | MP5A | Z | 0 | 7.5 |
| 75 | MP5A | Mx | -.011 | 7.5 |
| 76 | MP5B | X | 27.493 | 2.5 |
| 77 | MP5B | Z | 0 | 2.5 |
| 78 | MP5B | Mx | .008 | 2.5 |
| 79 | MP5B | X | 27.493 | 7.5 |
| 80 | MP5B | Z | 0 | 7.5 |
| 81 | MP5B | Mx | .008 | 7.5 |
| 82 | MP5C | X | 30.319 | 2.5 |
| 83 | MP5C | Z | 0 | 2.5 |
| 84 | MP5C | Mx | .003 | 2.5 |
| 85 | MP5C | X | 30.319 | 7.5 |
| 86 | MP5C | Z | 0 | 7.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 87 | MP5C | Mx | .003 | 7.5 |
| 88 | MP3B | X | 2.8 | 3.5 |
| 89 | MP3B | Z | 0 | 3.5 |
| 90 | MP3B | Mx | -.001 | 3.5 |
| 91 | MP3A | X | 7.828 | 3 |
| 92 | MP3A | Z | 0 | 3 |
| 93 | MP3A | Mx | -.004 | 3 |
| 94 | MP3B | X | 10.169 | 1 |
| 95 | MP3B | Z | 0 | 1 |
| 96 | MP3B | Mx | .004 | 1 |
| 97 | MP3C | X | 13.322 | 3 |
| 98 | MP3C | Z | 0 | 3 |
| 99 | MP3C | Mx | .001 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | 7.895 | 3.75 |
| 2 | MP1A | Z | 4.558 | 3.75 |
| 3 | MP1A | Mx | -.004 | 3.75 |
| 4 | MP1A | X | 7.895 | 5 |
| 5 | MP1A | Z | 4.558 | 5 |
| 6 | MP1A | Mx | -.004 | 5 |
| 7 | MP1B | X | 12.928 | 3.75 |
| 8 | MP1B | Z | 7.464 | 3.75 |
| 9 | MP1B | Mx | .003 | 3.75 |
| 10 | MP1B | X | 12.928 | 5 |
| 11 | MP1B | Z | 7.464 | 5 |
| 12 | MP1B | Mx | .003 | 5 |
| 13 | MP1C | X | 10.573 | 3.75 |
| 14 | MP1C | Z | 6.104 | 3.75 |
| 15 | MP1C | Mx | .004 | 3.75 |
| 16 | MP1C | X | 10.573 | 5 |
| 17 | MP1C | Z | 6.104 | 5 |
| 18 | MP1C | Mx | .004 | 5 |
| 19 | MP3A | X | 2.31 | 1 |
| 20 | MP3A | Z | 1.333 | 1 |
| 21 | MP3A | Mx | .001 | 1 |
| 22 | MP3C | X | 2.548 | 1 |
| 23 | MP3C | Z | 1.471 | 1 |
| 24 | MP3C | Mx | -.000946 | 1 |
| 25 | MP2A | X | 9.019 | 5 |
| 26 | MP2A | Z | 5.207 | 5 |
| 27 | MP2A | Mx | .005 | 5 |
| 28 | MP2B | X | 11.269 | 5 |
| 29 | MP2B | Z | 6.506 | 5 |
| 30 | MP2B | Mx | -.002 | 5 |
| 31 | MP2C | X | 10.216 | 5 |
| 32 | MP2C | Z | 5.898 | 5 |
| 33 | MP2C | Mx | -.004 | 5 |
| 34 | MP3A | X | 19.844 | .5 |
| 35 | MP3A | Z | 11.457 | .5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 36 | MP3A | Mx | -.003 | .5 |
| 37 | MP3A | X | 19.844 | 5.5 |
| 38 | MP3A | Z | 11.457 | 5.5 |
| 39 | MP3A | Mx | -.003 | 5.5 |
| 40 | MP3C | X | 22.631 | .5 |
| 41 | MP3C | Z | 13.066 | .5 |
| 42 | MP3C | Mx | .02 | .5 |
| 43 | MP3C | X | 22.631 | 5.5 |
| 44 | MP3C | Z | 13.066 | 5.5 |
| 45 | MP3C | Mx | .02 | 5.5 |
| 46 | MP3A | X | 19.844 | .5 |
| 47 | MP3A | Z | 11.457 | .5 |
| 48 | MP3A | Mx | -.017 | .5 |
| 49 | MP3A | X | 19.844 | 5.5 |
| 50 | MP3A | Z | 11.457 | 5.5 |
| 51 | MP3A | Mx | -.017 | 5.5 |
| 52 | MP3C | X | 22.631 | .5 |
| 53 | MP3C | Z | 13.066 | .5 |
| 54 | MP3C | Mx | -.003 | .5 |
| 55 | MP3C | X | 22.631 | 5.5 |
| 56 | MP3C | Z | 13.066 | 5.5 |
| 57 | MP3C | Mx | -.003 | 5.5 |
| 58 | MP3B | X | 25.083 | .5 |
| 59 | MP3B | Z | 14.481 | .5 |
| 60 | MP3B | Mx | -.011 | .5 |
| 61 | MP3B | X | 25.083 | 5.5 |
| 62 | MP3B | Z | 14.481 | 5.5 |
| 63 | MP3B | Mx | -.011 | 5.5 |
| 64 | MP3B | X | 25.083 | .5 |
| 65 | MP3B | Z | 14.481 | .5 |
| 66 | MP3B | Mx | .021 | .5 |
| 67 | MP3B | X | 25.083 | 5.5 |
| 68 | MP3B | Z | 14.481 | 5.5 |
| 69 | MP3B | Mx | .021 | 5.5 |
| 70 | MP5A | X | 20.362 | 2.5 |
| 71 | MP5A | Z | 11.756 | 2.5 |
| 72 | MP5A | Mx | -.01 | 2.5 |
| 73 | MP5A | X | 20.362 | 7.5 |
| 74 | MP5A | Z | 11.756 | 7.5 |
| 75 | MP5A | Mx | -.01 | 7.5 |
| 76 | MP5B | X | 26.442 | 2.5 |
| 77 | MP5B | Z | 15.266 | 2.5 |
| 78 | MP5B | Mx | .001 | 2.5 |
| 79 | MP5B | X | 26.442 | 7.5 |
| 80 | MP5B | Z | 15.266 | 7.5 |
| 81 | MP5B | Mx | .001 | 7.5 |
| 82 | MP5C | X | 23.12 | 2.5 |
| 83 | MP5C | Z | 13.348 | 2.5 |
| 84 | MP5C | Mx | .009 | 2.5 |
| 85 | MP5C | X | 23.12 | 7.5 |
| 86 | MP5C | Z | 13.348 | 7.5 |
| 87 | MP5C | Mx | .009 | 7.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 88 | MP3B | X | 2.758 | 3.5 |
| 89 | MP3B | Z | 1.592 | 3.5 |
| 90 | MP3B | Mx | -.000545 | 3.5 |
| 91 | MP3A | X | 8.006 | 3 |
| 92 | MP3A | Z | 4.622 | 3 |
| 93 | MP3A | Mx | -.004 | 3 |
| 94 | MP3B | X | 11.111 | 1 |
| 95 | MP3B | Z | 6.415 | 1 |
| 96 | MP3B | Mx | .002 | 1 |
| 97 | MP3C | X | 9.658 | 3 |
| 98 | MP3C | Z | 5.576 | 3 |
| 99 | MP3C | Mx | .004 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | 6.853 | 3.75 |
| 2 | MP1A | Z | 11.87 | 3.75 |
| 3 | MP1A | Mx | -.003 | 3.75 |
| 4 | MP1A | X | 6.853 | 5 |
| 5 | MP1A | Z | 11.87 | 5 |
| 6 | MP1A | Mx | -.003 | 5 |
| 7 | MP1B | X | 7.863 | 3.75 |
| 8 | MP1B | Z | 13.619 | 3.75 |
| 9 | MP1B | Mx | -.001 | 3.75 |
| 10 | MP1B | X | 7.863 | 5 |
| 11 | MP1B | Z | 13.619 | 5 |
| 12 | MP1B | Mx | -.001 | 5 |
| 13 | MP1C | X | 3.947 | 3.75 |
| 14 | MP1C | Z | 6.837 | 3.75 |
| 15 | MP1C | Mx | .004 | 3.75 |
| 16 | MP1C | X | 3.947 | 5 |
| 17 | MP1C | Z | 6.837 | 5 |
| 18 | MP1C | Mx | .004 | 5 |
| 19 | MP3A | X | 1.538 | 1 |
| 20 | MP3A | Z | 2.664 | 1 |
| 21 | MP3A | Mx | .000769 | 1 |
| 22 | MP3C | X | 1.279 | 1 |
| 23 | MP3C | Z | 2.215 | 1 |
| 24 | MP3C | Mx | -.001 | 1 |
| 25 | MP2A | X | 6.233 | 5 |
| 26 | MP2A | Z | 10.796 | 5 |
| 27 | MP2A | Mx | .003 | 5 |
| 28 | MP2B | X | 6.684 | 5 |
| 29 | MP2B | Z | 11.578 | 5 |
| 30 | MP2B | Mx | .001 | 5 |
| 31 | MP2C | X | 4.934 | 5 |
| 32 | MP2C | Z | 8.546 | 5 |
| 33 | MP2C | Mx | -.005 | 5 |
| 34 | MP3A | X | 13.846 | .5 |
| 35 | MP3A | Z | 23.982 | .5 |
| 36 | MP3A | Mx | .007 | .5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 37 | MP3A | X | 13.846 | 5.5 |
| 38 | MP3A | Z | 23.982 | 5.5 |
| 39 | MP3A | Mx | .007 | 5.5 |
| 40 | MP3C | X | 10.821 | .5 |
| 41 | MP3C | Z | 18.743 | .5 |
| 42 | MP3C | Mx | .014 | .5 |
| 43 | MP3C | X | 10.821 | 5.5 |
| 44 | MP3C | Z | 18.743 | 5.5 |
| 45 | MP3C | Mx | .014 | 5.5 |
| 46 | MP3A | X | 13.846 | .5 |
| 47 | MP3A | Z | 23.982 | .5 |
| 48 | MP3A | Mx | -.021 | .5 |
| 49 | MP3A | X | 13.846 | 5.5 |
| 50 | MP3A | Z | 23.982 | 5.5 |
| 51 | MP3A | Mx | -.021 | 5.5 |
| 52 | MP3C | X | 10.821 | .5 |
| 53 | MP3C | Z | 18.743 | .5 |
| 54 | MP3C | Mx | .006 | .5 |
| 55 | MP3C | X | 10.821 | 5.5 |
| 56 | MP3C | Z | 18.743 | 5.5 |
| 57 | MP3C | Mx | .006 | 5.5 |
| 58 | MP3B | X | 14.896 | .5 |
| 59 | MP3B | Z | 25.801 | .5 |
| 60 | MP3B | Mx | -.02 | .5 |
| 61 | MP3B | X | 14.896 | 5.5 |
| 62 | MP3B | Z | 25.801 | 5.5 |
| 63 | MP3B | Mx | -.02 | 5.5 |
| 64 | MP3B | X | 14.896 | .5 |
| 65 | MP3B | Z | 25.801 | .5 |
| 66 | MP3B | Mx | .015 | .5 |
| 67 | MP3B | X | 14.896 | 5.5 |
| 68 | MP3B | Z | 25.801 | 5.5 |
| 69 | MP3B | Mx | .015 | 5.5 |
| 70 | MP5A | X | 14.12 | 2.5 |
| 71 | MP5A | Z | 24.457 | 2.5 |
| 72 | MP5A | Mx | -.007 | 2.5 |
| 73 | MP5A | X | 14.12 | 7.5 |
| 74 | MP5A | Z | 24.457 | 7.5 |
| 75 | MP5A | Mx | -.007 | 7.5 |
| 76 | MP5B | X | 14.458 | 2.5 |
| 77 | MP5B | Z | 25.041 | 2.5 |
| 78 | MP5B | Mx | -.006 | 2.5 |
| 79 | MP5B | X | 14.458 | 7.5 |
| 80 | MP5B | Z | 25.041 | 7.5 |
| 81 | MP5B | Mx | -.006 | 7.5 |
| 82 | MP5C | X | 11.127 | 2.5 |
| 83 | MP5C | Z | 19.272 | 2.5 |
| 84 | MP5C | Mx | .01 | 2.5 |
| 85 | MP5C | X | 11.127 | 7.5 |
| 86 | MP5C | Z | 19.272 | 7.5 |
| 87 | MP5C | Mx | .01 | 7.5 |
| 88 | MP3B | X | 1.628 | 3.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 89 | MP3B | Z | 2.819 | 3.5 |
| 90 | MP3B | Mx | .000282 | 3.5 |
| 91 | MP3A | X | 6.038 | 3 |
| 92 | MP3A | Z | 10.459 | 3 |
| 93 | MP3A | Mx | -.003 | 3 |
| 94 | MP3B | X | 6.661 | 1 |
| 95 | MP3B | Z | 11.537 | 1 |
| 96 | MP3B | Mx | -.001 | 1 |
| 97 | MP3C | X | 4.246 | 3 |
| 98 | MP3C | Z | 7.353 | 3 |
| 99 | MP3C | Mx | .004 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | 0 | 3.75 |
| 2 | MP1A | Z | 16.002 | 3.75 |
| 3 | MP1A | Mx | 0 | 3.75 |
| 4 | MP1A | X | 0 | 5 |
| 5 | MP1A | Z | 16.002 | 5 |
| 6 | MP1A | Mx | 0 | 5 |
| 7 | MP1B | X | 0 | 3.75 |
| 8 | MP1B | Z | 12.209 | 3.75 |
| 9 | MP1B | Mx | -.004 | 3.75 |
| 10 | MP1B | X | 0 | 5 |
| 11 | MP1B | Z | 12.209 | 5 |
| 12 | MP1B | Mx | -.004 | 5 |
| 13 | MP1C | X | 0 | 3.75 |
| 14 | MP1C | Z | 7.098 | 3.75 |
| 15 | MP1C | Mx | .003 | 3.75 |
| 16 | MP1C | X | 0 | 5 |
| 17 | MP1C | Z | 7.098 | 5 |
| 18 | MP1C | Mx | .003 | 5 |
| 19 | MP3A | X | 0 | 1 |
| 20 | MP3A | Z | 3.28 | 1 |
| 21 | MP3A | Mx | 0 | 1 |
| 22 | MP3C | X | 0 | 1 |
| 23 | MP3C | Z | 2.487 | 1 |
| 24 | MP3C | Mx | -.001 | 1 |
| 25 | MP2A | X | 0 | 5 |
| 26 | MP2A | Z | 13.492 | 5 |
| 27 | MP2A | Mx | 0 | 5 |
| 28 | MP2B | X | 0 | 5 |
| 29 | MP2B | Z | 11.797 | 5 |
| 30 | MP2B | Mx | .004 | 5 |
| 31 | MP2C | X | 0 | 5 |
| 32 | MP2C | Z | 9.512 | 5 |
| 33 | MP2C | Mx | -.005 | 5 |
| 34 | MP3A | X | 0 | .5 |
| 35 | MP3A | Z | 30.081 | .5 |
| 36 | MP3A | Mx | .018 | .5 |
| 37 | MP3A | X | 0 | 5.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 38 | MP3A | Z | 30.081 | 5.5 |
| 39 | MP3A | Mx | .018 | 5.5 |
| 40 | MP3C | X | 0 | .5 |
| 41 | MP3C | Z | 20.813 | .5 |
| 42 | MP3C | Mx | .008 | .5 |
| 43 | MP3C | X | 0 | 5.5 |
| 44 | MP3C | Z | 20.813 | 5.5 |
| 45 | MP3C | Mx | .008 | 5.5 |
| 46 | MP3A | X | 0 | .5 |
| 47 | MP3A | Z | 30.081 | .5 |
| 48 | MP3A | Mx | -.018 | .5 |
| 49 | MP3A | X | 0 | 5.5 |
| 50 | MP3A | Z | 30.081 | 5.5 |
| 51 | MP3A | Mx | -.018 | 5.5 |
| 52 | MP3C | X | 0 | .5 |
| 53 | MP3C | Z | 20.813 | .5 |
| 54 | MP3C | Mx | .012 | .5 |
| 55 | MP3C | X | 0 | 5.5 |
| 56 | MP3C | Z | 20.813 | 5.5 |
| 57 | MP3C | Mx | .012 | 5.5 |
| 58 | MP3B | X | 0 | .5 |
| 59 | MP3B | Z | 26.133 | .5 |
| 60 | MP3B | Mx | -.02 | .5 |
| 61 | MP3B | X | 0 | 5.5 |
| 62 | MP3B | Z | 26.133 | 5.5 |
| 63 | MP3B | Mx | -.02 | 5.5 |
| 64 | MP3B | X | 0 | .5 |
| 65 | MP3B | Z | 26.133 | .5 |
| 66 | MP3B | Mx | .003 | .5 |
| 67 | MP3B | X | 0 | 5.5 |
| 68 | MP3B | Z | 26.133 | 5.5 |
| 69 | MP3B | Mx | .003 | 5.5 |
| 70 | MP5A | X | 0 | 2.5 |
| 71 | MP5A | Z | 30.604 | 2.5 |
| 72 | MP5A | Mx | 0 | 2.5 |
| 73 | MP5A | X | 0 | 7.5 |
| 74 | MP5A | Z | 30.604 | 7.5 |
| 75 | MP5A | Mx | 0 | 7.5 |
| 76 | MP5B | X | 0 | 2.5 |
| 77 | MP5B | Z | 24.258 | 2.5 |
| 78 | MP5B | Mx | -.01 | 2.5 |
| 79 | MP5B | X | 0 | 7.5 |
| 80 | MP5B | Z | 24.258 | 7.5 |
| 81 | MP5B | Mx | -.01 | 7.5 |
| 82 | MP5C | X | 0 | 2.5 |
| 83 | MP5C | Z | 21.432 | 2.5 |
| 84 | MP5C | Mx | .011 | 2.5 |
| 85 | MP5C | X | 0 | 7.5 |
| 86 | MP5C | Z | 21.432 | 7.5 |
| 87 | MP5C | Mx | .011 | 7.5 |
| 88 | MP3B | X | 0 | 3.5 |
| 89 | MP3B | Z | 2.942 | 3.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 90 | MP3B | Mx | .000946 | 3.5 |
| 91 | MP3A | X | 0 | 3 |
| 92 | MP3A | Z | 13.492 | 3 |
| 93 | MP3A | Mx | 0 | 3 |
| 94 | MP3B | X | 0 | 1 |
| 95 | MP3B | Z | 11.152 | 1 |
| 96 | MP3B | Mx | -.004 | 1 |
| 97 | MP3C | X | 0 | 3 |
| 98 | MP3C | Z | 7.999 | 3 |
| 99 | MP3C | Mx | .004 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | -6.853 | 3.75 |
| 2 | MP1A | Z | 11.87 | 3.75 |
| 3 | MP1A | Mx | .003 | 3.75 |
| 4 | MP1A | X | -6.853 | 5 |
| 5 | MP1A | Z | 11.87 | 5 |
| 6 | MP1A | Mx | .003 | 5 |
| 7 | MP1B | X | -3.947 | 3.75 |
| 8 | MP1B | Z | 6.837 | 3.75 |
| 9 | MP1B | Mx | -.004 | 3.75 |
| 10 | MP1B | X | -3.947 | 5 |
| 11 | MP1B | Z | 6.837 | 5 |
| 12 | MP1B | Mx | -.004 | 5 |
| 13 | MP1C | X | -5.307 | 3.75 |
| 14 | MP1C | Z | 9.192 | 3.75 |
| 15 | MP1C | Mx | .004 | 3.75 |
| 16 | MP1C | X | -5.307 | 5 |
| 17 | MP1C | Z | 9.192 | 5 |
| 18 | MP1C | Mx | .004 | 5 |
| 19 | MP3A | X | -1.538 | 1 |
| 20 | MP3A | Z | 2.664 | 1 |
| 21 | MP3A | Mx | -.000769 | 1 |
| 22 | MP3C | X | -1.4 | 1 |
| 23 | MP3C | Z | 2.425 | 1 |
| 24 | MP3C | Mx | -.001 | 1 |
| 25 | MP2A | X | -6.233 | 5 |
| 26 | MP2A | Z | 10.796 | 5 |
| 27 | MP2A | Mx | -.003 | 5 |
| 28 | MP2B | X | -4.934 | 5 |
| 29 | MP2B | Z | 8.546 | 5 |
| 30 | MP2B | Mx | .005 | 5 |
| 31 | MP2C | X | -5.542 | 5 |
| 32 | MP2C | Z | 9.599 | 5 |
| 33 | MP2C | Mx | -.004 | 5 |
| 34 | MP3A | X | -13.846 | .5 |
| 35 | MP3A | Z | 23.982 | .5 |
| 36 | MP3A | Mx | .021 | .5 |
| 37 | MP3A | X | -13.846 | 5.5 |
| 38 | MP3A | Z | 23.982 | 5.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 39 | MP3A | Mx | .021 | 5.5 |
| 40 | MP3C | X | -12.237 | .5 |
| 41 | MP3C | Z | 21.194 | .5 |
| 42 | MP3C | Mx | .000197 | .5 |
| 43 | MP3C | X | -12.237 | 5.5 |
| 44 | MP3C | Z | 21.194 | 5.5 |
| 45 | MP3C | Mx | .000197 | 5.5 |
| 46 | MP3A | X | -13.846 | .5 |
| 47 | MP3A | Z | 23.982 | .5 |
| 48 | MP3A | Mx | -.007 | .5 |
| 49 | MP3A | X | -13.846 | 5.5 |
| 50 | MP3A | Z | 23.982 | 5.5 |
| 51 | MP3A | Mx | -.007 | 5.5 |
| 52 | MP3C | X | -12.237 | .5 |
| 53 | MP3C | Z | 21.194 | .5 |
| 54 | MP3C | Mx | .019 | .5 |
| 55 | MP3C | X | -12.237 | 5.5 |
| 56 | MP3C | Z | 21.194 | 5.5 |
| 57 | MP3C | Mx | .019 | 5.5 |
| 58 | MP3B | X | -10.821 | .5 |
| 59 | MP3B | Z | 18.743 | .5 |
| 60 | MP3B | Mx | -.014 | .5 |
| 61 | MP3B | X | -10.821 | 5.5 |
| 62 | MP3B | Z | 18.743 | 5.5 |
| 63 | MP3B | Mx | -.014 | 5.5 |
| 64 | MP3B | X | -10.821 | .5 |
| 65 | MP3B | Z | 18.743 | .5 |
| 66 | MP3B | Mx | -.006 | .5 |
| 67 | MP3B | X | -10.821 | 5.5 |
| 68 | MP3B | Z | 18.743 | 5.5 |
| 69 | MP3B | Mx | -.006 | 5.5 |
| 70 | MP5A | X | -14.12 | 2.5 |
| 71 | MP5A | Z | 24.457 | 2.5 |
| 72 | MP5A | Mx | .007 | 2.5 |
| 73 | MP5A | X | -14.12 | 7.5 |
| 74 | MP5A | Z | 24.457 | 7.5 |
| 75 | MP5A | Mx | .007 | 7.5 |
| 76 | MP5B | X | -10.61 | 2.5 |
| 77 | MP5B | Z | 18.376 | 2.5 |
| 78 | MP5B | Mx | -.011 | 2.5 |
| 79 | MP5B | X | -10.61 | 7.5 |
| 80 | MP5B | Z | 18.376 | 7.5 |
| 81 | MP5B | Mx | -.011 | 7.5 |
| 82 | MP5C | X | -12.527 | 2.5 |
| 83 | MP5C | Z | 21.698 | 2.5 |
| 84 | MP5C | Mx | .01 | 2.5 |
| 85 | MP5C | X | -12.527 | 7.5 |
| 86 | MP5C | Z | 21.698 | 7.5 |
| 87 | MP5C | Mx | .01 | 7.5 |
| 88 | MP3B | X | -1.279 | 3.5 |
| 89 | MP3B | Z | 2.215 | 3.5 |
| 90 | MP3B | Mx | .001 | 3.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 91 | MP3A | X | -6.038 | 3 |
| 92 | MP3A | Z | 10.459 | 3 |
| 93 | MP3A | Mx | .003 | 3 |
| 94 | MP3B | X | -4.246 | 1 |
| 95 | MP3B | Z | 7.353 | 1 |
| 96 | MP3B | Mx | -.004 | 1 |
| 97 | MP3C | X | -5.084 | 3 |
| 98 | MP3C | Z | 8.806 | 3 |
| 99 | MP3C | Mx | .004 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | -7.895 | 3.75 |
| 2 | MP1A | Z | 4.558 | 3.75 |
| 3 | MP1A | Mx | .004 | 3.75 |
| 4 | MP1A | X | -7.895 | 5 |
| 5 | MP1A | Z | 4.558 | 5 |
| 6 | MP1A | Mx | .004 | 5 |
| 7 | MP1B | X | -6.147 | 3.75 |
| 8 | MP1B | Z | 3.549 | 3.75 |
| 9 | MP1B | Mx | -.003 | 3.75 |
| 10 | MP1B | X | -6.147 | 5 |
| 11 | MP1B | Z | 3.549 | 5 |
| 12 | MP1B | Mx | -.003 | 5 |
| 13 | MP1C | X | -12.928 | 3.75 |
| 14 | MP1C | Z | 7.464 | 3.75 |
| 15 | MP1C | Mx | .003 | 3.75 |
| 16 | MP1C | X | -12.928 | 5 |
| 17 | MP1C | Z | 7.464 | 5 |
| 18 | MP1C | Mx | .003 | 5 |
| 19 | MP3A | X | -2.31 | 1 |
| 20 | MP3A | Z | 1.333 | 1 |
| 21 | MP3A | Mx | -.001 | 1 |
| 22 | MP3C | X | -2.758 | 1 |
| 23 | MP3C | Z | 1.592 | 1 |
| 24 | MP3C | Mx | -.000544 | 1 |
| 25 | MP2A | X | -9.019 | 5 |
| 26 | MP2A | Z | 5.207 | 5 |
| 27 | MP2A | Mx | -.005 | 5 |
| 28 | MP2B | X | -8.238 | 5 |
| 29 | MP2B | Z | 4.756 | 5 |
| 30 | MP2B | Mx | .005 | 5 |
| 31 | MP2C | X | -11.269 | 5 |
| 32 | MP2C | Z | 6.506 | 5 |
| 33 | MP2C | Mx | -.002 | 5 |
| 34 | MP3A | X | -19.844 | .5 |
| 35 | MP3A | Z | 11.457 | .5 |
| 36 | MP3A | Mx | .017 | .5 |
| 37 | MP3A | X | -19.844 | 5.5 |
| 38 | MP3A | Z | 11.457 | 5.5 |
| 39 | MP3A | Mx | .017 | 5.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 40 | MP3C | X | -25.083 | .5 |
| 41 | MP3C | Z | 14.481 | .5 |
| 42 | MP3C | Mx | -.011 | .5 |
| 43 | MP3C | X | -25.083 | 5.5 |
| 44 | MP3C | Z | 14.481 | 5.5 |
| 45 | MP3C | Mx | -.011 | 5.5 |
| 46 | MP3A | X | -19.844 | .5 |
| 47 | MP3A | Z | 11.457 | .5 |
| 48 | MP3A | Mx | .003 | .5 |
| 49 | MP3A | X | -19.844 | 5.5 |
| 50 | MP3A | Z | 11.457 | 5.5 |
| 51 | MP3A | Mx | .003 | 5.5 |
| 52 | MP3C | X | -25.083 | .5 |
| 53 | MP3C | Z | 14.481 | .5 |
| 54 | MP3C | Mx | .021 | .5 |
| 55 | MP3C | X | -25.083 | 5.5 |
| 56 | MP3C | Z | 14.481 | 5.5 |
| 57 | MP3C | Mx | .021 | 5.5 |
| 58 | MP3B | X | -18.025 | .5 |
| 59 | MP3B | Z | 10.407 | .5 |
| 60 | MP3B | Mx | -.008 | .5 |
| 61 | MP3B | X | -18.025 | 5.5 |
| 62 | MP3B | Z | 10.407 | 5.5 |
| 63 | MP3B | Mx | -.008 | 5.5 |
| 64 | MP3B | X | -18.025 | .5 |
| 65 | MP3B | Z | 10.407 | .5 |
| 66 | MP3B | Mx | -.012 | .5 |
| 67 | MP3B | X | -18.025 | 5.5 |
| 68 | MP3B | Z | 10.407 | 5.5 |
| 69 | MP3B | Mx | -.012 | 5.5 |
| 70 | MP5A | X | -20.362 | 2.5 |
| 71 | MP5A | Z | 11.756 | 2.5 |
| 72 | MP5A | Mx | .01 | 2.5 |
| 73 | MP5A | X | -20.362 | 7.5 |
| 74 | MP5A | Z | 11.756 | 7.5 |
| 75 | MP5A | Mx | .01 | 7.5 |
| 76 | MP5B | X | -19.777 | 2.5 |
| 77 | MP5B | Z | 11.418 | 2.5 |
| 78 | MP5B | Mx | -.01 | 2.5 |
| 79 | MP5B | X | -19.777 | 7.5 |
| 80 | MP5B | Z | 11.418 | 7.5 |
| 81 | MP5B | Mx | -.01 | 7.5 |
| 82 | MP5C | X | -25.546 | 2.5 |
| 83 | MP5C | Z | 14.749 | 2.5 |
| 84 | MP5C | Mx | .005 | 2.5 |
| 85 | MP5C | X | -25.546 | 7.5 |
| 86 | MP5C | Z | 14.749 | 7.5 |
| 87 | MP5C | Mx | .005 | 7.5 |
| 88 | MP3B | X | -2.154 | 3.5 |
| 89 | MP3B | Z | 1.244 | 3.5 |
| 90 | MP3B | Mx | .001 | 3.5 |
| 91 | MP3A | X | -8.006 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 92 | MP3A | Z | 4.622 | 3 |
| 93 | MP3A | Mx | .004 | 3 |
| 94 | MP3B | X | -6.928 | 1 |
| 95 | MP3B | Z | 4 | 1 |
| 96 | MP3B | Mx | -.004 | 1 |
| 97 | MP3C | X | -11.111 | 3 |
| 98 | MP3C | Z | 6.415 | 3 |
| 99 | MP3C | Mx | .002 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | -6.821 | 3.75 |
| 2 | MP1A | Z | 0 | 3.75 |
| 3 | MP1A | Mx | .003 | 3.75 |
| 4 | MP1A | X | -6.821 | 5 |
| 5 | MP1A | Z | 0 | 5 |
| 6 | MP1A | Mx | .003 | 5 |
| 7 | MP1B | X | -10.614 | 3.75 |
| 8 | MP1B | Z | 0 | 3.75 |
| 9 | MP1B | Mx | -.004 | 3.75 |
| 10 | MP1B | X | -10.614 | 5 |
| 11 | MP1B | Z | 0 | 5 |
| 12 | MP1B | Mx | -.004 | 5 |
| 13 | MP1C | X | -15.725 | 3.75 |
| 14 | MP1C | Z | 0 | 3.75 |
| 15 | MP1C | Mx | -.001 | 3.75 |
| 16 | MP1C | X | -15.725 | 5 |
| 17 | MP1C | Z | 0 | 5 |
| 18 | MP1C | Mx | -.001 | 5 |
| 19 | MP3A | X | -2.462 | 1 |
| 20 | MP3A | Z | 0 | 1 |
| 21 | MP3A | Mx | -.001 | 1 |
| 22 | MP3C | X | -3.255 | 1 |
| 23 | MP3C | Z | 0 | 1 |
| 24 | MP3C | Mx | .000283 | 1 |
| 25 | MP2A | X | -9.388 | 5 |
| 26 | MP2A | Z | 0 | 5 |
| 27 | MP2A | Mx | -.005 | 5 |
| 28 | MP2B | X | -11.084 | 5 |
| 29 | MP2B | Z | 0 | 5 |
| 30 | MP2B | Mx | .004 | 5 |
| 31 | MP2C | X | -13.369 | 5 |
| 32 | MP2C | Z | 0 | 5 |
| 33 | MP2C | Mx | .001 | 5 |
| 34 | MP3A | X | -20.525 | .5 |
| 35 | MP3A | Z | 0 | .5 |
| 36 | MP3A | Mx | .01 | .5 |
| 37 | MP3A | X | -20.525 | 5.5 |
| 38 | MP3A | Z | 0 | 5.5 |
| 39 | MP3A | Mx | .01 | 5.5 |
| 40 | MP3C | X | -29.792 | .5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 41 | MP3C | Z | 0 | .5 |
| 42 | MP3C | Mx | -.02 | .5 |
| 43 | MP3C | X | -29.792 | 5.5 |
| 44 | MP3C | Z | 0 | 5.5 |
| 45 | MP3C | Mx | -.02 | 5.5 |
| 46 | MP3A | X | -20.525 | .5 |
| 47 | MP3A | Z | 0 | .5 |
| 48 | MP3A | Mx | .01 | .5 |
| 49 | MP3A | X | -20.525 | 5.5 |
| 50 | MP3A | Z | 0 | 5.5 |
| 51 | MP3A | Mx | .01 | 5.5 |
| 52 | MP3C | X | -29.792 | .5 |
| 53 | MP3C | Z | 0 | .5 |
| 54 | MP3C | Mx | .015 | .5 |
| 55 | MP3C | X | -29.792 | 5.5 |
| 56 | MP3C | Z | 0 | 5.5 |
| 57 | MP3C | Mx | .015 | 5.5 |
| 58 | MP3B | X | -24.473 | .5 |
| 59 | MP3B | Z | 0 | .5 |
| 60 | MP3B | Mx | -.000197 | .5 |
| 61 | MP3B | X | -24.473 | 5.5 |
| 62 | MP3B | Z | 0 | 5.5 |
| 63 | MP3B | Mx | -.000197 | 5.5 |
| 64 | MP3B | X | -24.473 | .5 |
| 65 | MP3B | Z | 0 | .5 |
| 66 | MP3B | Mx | -.019 | .5 |
| 67 | MP3B | X | -24.473 | 5.5 |
| 68 | MP3B | Z | 0 | 5.5 |
| 69 | MP3B | Mx | -.019 | 5.5 |
| 70 | MP5A | X | -21.147 | 2.5 |
| 71 | MP5A | Z | 0 | 2.5 |
| 72 | MP5A | Mx | .011 | 2.5 |
| 73 | MP5A | X | -21.147 | 7.5 |
| 74 | MP5A | Z | 0 | 7.5 |
| 75 | MP5A | Mx | .011 | 7.5 |
| 76 | MP5B | X | -27.493 | 2.5 |
| 77 | MP5B | Z | 0 | 2.5 |
| 78 | MP5B | Mx | -.008 | 2.5 |
| 79 | MP5B | X | -27.493 | 7.5 |
| 80 | MP5B | Z | 0 | 7.5 |
| 81 | MP5B | Mx | -.008 | 7.5 |
| 82 | MP5C | X | -30.319 | 2.5 |
| 83 | MP5C | Z | 0 | 2.5 |
| 84 | MP5C | Mx | -.003 | 2.5 |
| 85 | MP5C | X | -30.319 | 7.5 |
| 86 | MP5C | Z | 0 | 7.5 |
| 87 | MP5C | Mx | -.003 | 7.5 |
| 88 | MP3B | X | -2.8 | 3.5 |
| 89 | MP3B | Z | 0 | 3.5 |
| 90 | MP3B | Mx | .001 | 3.5 |
| 91 | MP3A | X | -7.828 | 3 |
| 92 | MP3A | Z | 0 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 93 | MP3A | Mx | .004 | 3 |
| 94 | MP3B | X | -10.169 | 1 |
| 95 | MP3B | Z | 0 | 1 |
| 96 | MP3B | Mx | -.004 | 1 |
| 97 | MP3C | X | -13.322 | 3 |
| 98 | MP3C | Z | 0 | 3 |
| 99 | MP3C | Mx | -.001 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | -7.895 | 3.75 |
| 2 | MP1A | Z | -4.558 | 3.75 |
| 3 | MP1A | Mx | .004 | 3.75 |
| 4 | MP1A | X | -7.895 | 5 |
| 5 | MP1A | Z | -4.558 | 5 |
| 6 | MP1A | Mx | .004 | 5 |
| 7 | MP1B | X | -12.928 | 3.75 |
| 8 | MP1B | Z | -7.464 | 3.75 |
| 9 | MP1B | Mx | -.003 | 3.75 |
| 10 | MP1B | X | -12.928 | 5 |
| 11 | MP1B | Z | -7.464 | 5 |
| 12 | MP1B | Mx | -.003 | 5 |
| 13 | MP1C | X | -10.573 | 3.75 |
| 14 | MP1C | Z | -6.104 | 3.75 |
| 15 | MP1C | Mx | -.004 | 3.75 |
| 16 | MP1C | X | -10.573 | 5 |
| 17 | MP1C | Z | -6.104 | 5 |
| 18 | MP1C | Mx | -.004 | 5 |
| 19 | MP3A | X | -2.31 | 1 |
| 20 | MP3A | Z | -1.333 | 1 |
| 21 | MP3A | Mx | -.001 | 1 |
| 22 | MP3C | X | -2.548 | 1 |
| 23 | MP3C | Z | -1.471 | 1 |
| 24 | MP3C | Mx | .000946 | 1 |
| 25 | MP2A | X | -9.019 | 5 |
| 26 | MP2A | Z | -5.207 | 5 |
| 27 | MP2A | Mx | -.005 | 5 |
| 28 | MP2B | X | -11.269 | 5 |
| 29 | MP2B | Z | -6.506 | 5 |
| 30 | MP2B | Mx | .002 | 5 |
| 31 | MP2C | X | -10.216 | 5 |
| 32 | MP2C | Z | -5.898 | 5 |
| 33 | MP2C | Mx | .004 | 5 |
| 34 | MP3A | X | -19.844 | .5 |
| 35 | MP3A | Z | -11.457 | .5 |
| 36 | MP3A | Mx | .003 | .5 |
| 37 | MP3A | X | -19.844 | 5.5 |
| 38 | MP3A | Z | -11.457 | 5.5 |
| 39 | MP3A | Mx | .003 | 5.5 |
| 40 | MP3C | X | -22.631 | .5 |
| 41 | MP3C | Z | -13.066 | .5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 42 | MP3C | Mx | -.02 | .5 |
| 43 | MP3C | X | -22.631 | 5.5 |
| 44 | MP3C | Z | -13.066 | 5.5 |
| 45 | MP3C | Mx | -.02 | 5.5 |
| 46 | MP3A | X | -19.844 | .5 |
| 47 | MP3A | Z | -11.457 | .5 |
| 48 | MP3A | Mx | .017 | .5 |
| 49 | MP3A | X | -19.844 | 5.5 |
| 50 | MP3A | Z | -11.457 | 5.5 |
| 51 | MP3A | Mx | .017 | 5.5 |
| 52 | MP3C | X | -22.631 | .5 |
| 53 | MP3C | Z | -13.066 | .5 |
| 54 | MP3C | Mx | .003 | .5 |
| 55 | MP3C | X | -22.631 | 5.5 |
| 56 | MP3C | Z | -13.066 | 5.5 |
| 57 | MP3C | Mx | .003 | 5.5 |
| 58 | MP3B | X | -25.083 | .5 |
| 59 | MP3B | Z | -14.481 | .5 |
| 60 | MP3B | Mx | .011 | .5 |
| 61 | MP3B | X | -25.083 | 5.5 |
| 62 | MP3B | Z | -14.481 | 5.5 |
| 63 | MP3B | Mx | .011 | 5.5 |
| 64 | MP3B | X | -25.083 | .5 |
| 65 | MP3B | Z | -14.481 | .5 |
| 66 | MP3B | Mx | -.021 | .5 |
| 67 | MP3B | X | -25.083 | 5.5 |
| 68 | MP3B | Z | -14.481 | 5.5 |
| 69 | MP3B | Mx | -.021 | 5.5 |
| 70 | MP5A | X | -20.362 | 2.5 |
| 71 | MP5A | Z | -11.756 | 2.5 |
| 72 | MP5A | Mx | .01 | 2.5 |
| 73 | MP5A | X | -20.362 | 7.5 |
| 74 | MP5A | Z | -11.756 | 7.5 |
| 75 | MP5A | Mx | .01 | 7.5 |
| 76 | MP5B | X | -26.442 | 2.5 |
| 77 | MP5B | Z | -15.266 | 2.5 |
| 78 | MP5B | Mx | -.001 | 2.5 |
| 79 | MP5B | X | -26.442 | 7.5 |
| 80 | MP5B | Z | -15.266 | 7.5 |
| 81 | MP5B | Mx | -.001 | 7.5 |
| 82 | MP5C | X | -23.12 | 2.5 |
| 83 | MP5C | Z | -13.348 | 2.5 |
| 84 | MP5C | Mx | -.009 | 2.5 |
| 85 | MP5C | X | -23.12 | 7.5 |
| 86 | MP5C | Z | -13.348 | 7.5 |
| 87 | MP5C | Mx | -.009 | 7.5 |
| 88 | MP3B | X | -2.758 | 3.5 |
| 89 | MP3B | Z | -1.592 | 3.5 |
| 90 | MP3B | Mx | .000545 | 3.5 |
| 91 | MP3A | X | -8.006 | 3 |
| 92 | MP3A | Z | -4.622 | 3 |
| 93 | MP3A | Mx | .004 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 94 | MP3B | X | -11.111 | 1 |
| 95 | MP3B | Z | -6.415 | 1 |
| 96 | MP3B | Mx | -.002 | 1 |
| 97 | MP3C | X | -9.658 | 3 |
| 98 | MP3C | Z | -5.576 | 3 |
| 99 | MP3C | Mx | -.004 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | -6.853 | 3.75 |
| 2 | MP1A | Z | -11.87 | 3.75 |
| 3 | MP1A | Mx | .003 | 3.75 |
| 4 | MP1A | X | -6.853 | 5 |
| 5 | MP1A | Z | -11.87 | 5 |
| 6 | MP1A | Mx | .003 | 5 |
| 7 | MP1B | X | -7.863 | 3.75 |
| 8 | MP1B | Z | -13.619 | 3.75 |
| 9 | MP1B | Mx | .001 | 3.75 |
| 10 | MP1B | X | -7.863 | 5 |
| 11 | MP1B | Z | -13.619 | 5 |
| 12 | MP1B | Mx | .001 | 5 |
| 13 | MP1C | X | -3.947 | 3.75 |
| 14 | MP1C | Z | -6.837 | 3.75 |
| 15 | MP1C | Mx | -.004 | 3.75 |
| 16 | MP1C | X | -3.947 | 5 |
| 17 | MP1C | Z | -6.837 | 5 |
| 18 | MP1C | Mx | -.004 | 5 |
| 19 | MP3A | X | -1.538 | 1 |
| 20 | MP3A | Z | -2.664 | 1 |
| 21 | MP3A | Mx | -.000769 | 1 |
| 22 | MP3C | X | -1.279 | 1 |
| 23 | MP3C | Z | -2.215 | 1 |
| 24 | MP3C | Mx | .001 | 1 |
| 25 | MP2A | X | -6.233 | 5 |
| 26 | MP2A | Z | -10.796 | 5 |
| 27 | MP2A | Mx | -.003 | 5 |
| 28 | MP2B | X | -6.684 | 5 |
| 29 | MP2B | Z | -11.578 | 5 |
| 30 | MP2B | Mx | -.001 | 5 |
| 31 | MP2C | X | -4.934 | 5 |
| 32 | MP2C | Z | -8.546 | 5 |
| 33 | MP2C | Mx | .005 | 5 |
| 34 | MP3A | X | -13.846 | .5 |
| 35 | MP3A | Z | -23.982 | .5 |
| 36 | MP3A | Mx | -.007 | .5 |
| 37 | MP3A | X | -13.846 | 5.5 |
| 38 | MP3A | Z | -23.982 | 5.5 |
| 39 | MP3A | Mx | -.007 | 5.5 |
| 40 | MP3C | X | -10.821 | .5 |
| 41 | MP3C | Z | -18.743 | .5 |
| 42 | MP3C | Mx | -.014 | .5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 43 | MP3C | X | -10.821 | 5.5 |
| 44 | MP3C | Z | -18.743 | 5.5 |
| 45 | MP3C | Mx | -.014 | 5.5 |
| 46 | MP3A | X | -13.846 | .5 |
| 47 | MP3A | Z | -23.982 | .5 |
| 48 | MP3A | Mx | .021 | .5 |
| 49 | MP3A | X | -13.846 | 5.5 |
| 50 | MP3A | Z | -23.982 | 5.5 |
| 51 | MP3A | Mx | .021 | 5.5 |
| 52 | MP3C | X | -10.821 | .5 |
| 53 | MP3C | Z | -18.743 | .5 |
| 54 | MP3C | Mx | -.006 | .5 |
| 55 | MP3C | X | -10.821 | 5.5 |
| 56 | MP3C | Z | -18.743 | 5.5 |
| 57 | MP3C | Mx | -.006 | 5.5 |
| 58 | MP3B | X | -14.896 | .5 |
| 59 | MP3B | Z | -25.801 | .5 |
| 60 | MP3B | Mx | .02 | .5 |
| 61 | MP3B | X | -14.896 | 5.5 |
| 62 | MP3B | Z | -25.801 | 5.5 |
| 63 | MP3B | Mx | .02 | 5.5 |
| 64 | MP3B | X | -14.896 | .5 |
| 65 | MP3B | Z | -25.801 | .5 |
| 66 | MP3B | Mx | -.015 | .5 |
| 67 | MP3B | X | -14.896 | 5.5 |
| 68 | MP3B | Z | -25.801 | 5.5 |
| 69 | MP3B | Mx | -.015 | 5.5 |
| 70 | MP5A | X | -14.12 | 2.5 |
| 71 | MP5A | Z | -24.457 | 2.5 |
| 72 | MP5A | Mx | .007 | 2.5 |
| 73 | MP5A | X | -14.12 | 7.5 |
| 74 | MP5A | Z | -24.457 | 7.5 |
| 75 | MP5A | Mx | .007 | 7.5 |
| 76 | MP5B | X | -14.458 | 2.5 |
| 77 | MP5B | Z | -25.041 | 2.5 |
| 78 | MP5B | Mx | .006 | 2.5 |
| 79 | MP5B | X | -14.458 | 7.5 |
| 80 | MP5B | Z | -25.041 | 7.5 |
| 81 | MP5B | Mx | .006 | 7.5 |
| 82 | MP5C | X | -11.127 | 2.5 |
| 83 | MP5C | Z | -19.272 | 2.5 |
| 84 | MP5C | Mx | -.01 | 2.5 |
| 85 | MP5C | X | -11.127 | 7.5 |
| 86 | MP5C | Z | -19.272 | 7.5 |
| 87 | MP5C | Mx | -.01 | 7.5 |
| 88 | MP3B | X | -1.628 | 3.5 |
| 89 | MP3B | Z | -2.819 | 3.5 |
| 90 | MP3B | Mx | -.000282 | 3.5 |
| 91 | MP3A | X | -6.038 | 3 |
| 92 | MP3A | Z | -10.459 | 3 |
| 93 | MP3A | Mx | .003 | 3 |
| 94 | MP3B | X | -6.661 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 95 | MP3B | Z | -11.537 | 1 |
| 96 | MP3B | Mx | .001 | 1 |
| 97 | MP3C | X | -4.246 | 3 |
| 98 | MP3C | Z | -7.353 | 3 |
| 99 | MP3C | Mx | -.004 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | 0 | 3.75 |
| 2 | MP1A | Z | -5.095 | 3.75 |
| 3 | MP1A | Mx | 0 | 3.75 |
| 4 | MP1A | X | 0 | 5 |
| 5 | MP1A | Z | -5.095 | 5 |
| 6 | MP1A | Mx | 0 | 5 |
| 7 | MP1B | X | 0 | 3.75 |
| 8 | MP1B | Z | -3.814 | 3.75 |
| 9 | MP1B | Mx | .001 | 3.75 |
| 10 | MP1B | X | 0 | 5 |
| 11 | MP1B | Z | -3.814 | 5 |
| 12 | MP1B | Mx | .001 | 5 |
| 13 | MP1C | X | 0 | 3.75 |
| 14 | MP1C | Z | -2.088 | 3.75 |
| 15 | MP1C | Mx | -.001 | 3.75 |
| 16 | MP1C | X | 0 | 5 |
| 17 | MP1C | Z | -2.088 | 5 |
| 18 | MP1C | Mx | -.001 | 5 |
| 19 | MP3A | X | 0 | 1 |
| 20 | MP3A | Z | -.802 | 1 |
| 21 | MP3A | Mx | 0 | 1 |
| 22 | MP3C | X | 0 | 1 |
| 23 | MP3C | Z | -.562 | 1 |
| 24 | MP3C | Mx | .000277 | 1 |
| 25 | MP2A | X | 0 | 5 |
| 26 | MP2A | Z | -4.054 | 5 |
| 27 | MP2A | Mx | 0 | 5 |
| 28 | MP2B | X | 0 | 5 |
| 29 | MP2B | Z | -3.499 | 5 |
| 30 | MP2B | Mx | -.001 | 5 |
| 31 | MP2C | X | 0 | 5 |
| 32 | MP2C | Z | -2.751 | 5 |
| 33 | MP2C | Mx | .001 | 5 |
| 34 | MP3A | X | 0 | .5 |
| 35 | MP3A | Z | -9.875 | .5 |
| 36 | MP3A | Mx | -.006 | .5 |
| 37 | MP3A | X | 0 | 5.5 |
| 38 | MP3A | Z | -9.875 | 5.5 |
| 39 | MP3A | Mx | -.006 | 5.5 |
| 40 | MP3C | X | 0 | .5 |
| 41 | MP3C | Z | -6.588 | .5 |
| 42 | MP3C | Mx | -.003 | .5 |
| 43 | MP3C | X | 0 | 5.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 44 | MP3C | Z | -6.588 | 5.5 |
| 45 | MP3C | Mx | -.003 | 5.5 |
| 46 | MP3A | X | 0 | .5 |
| 47 | MP3A | Z | -9.875 | .5 |
| 48 | MP3A | Mx | .006 | .5 |
| 49 | MP3A | X | 0 | 5.5 |
| 50 | MP3A | Z | -9.875 | 5.5 |
| 51 | MP3A | Mx | .006 | 5.5 |
| 52 | MP3C | X | 0 | .5 |
| 53 | MP3C | Z | -6.588 | .5 |
| 54 | MP3C | Mx | -.004 | .5 |
| 55 | MP3C | X | 0 | 5.5 |
| 56 | MP3C | Z | -6.588 | 5.5 |
| 57 | MP3C | Mx | -.004 | 5.5 |
| 58 | MP3B | X | 0 | .5 |
| 59 | MP3B | Z | -8.475 | .5 |
| 60 | MP3B | Mx | .007 | .5 |
| 61 | MP3B | X | 0 | 5.5 |
| 62 | MP3B | Z | -8.475 | 5.5 |
| 63 | MP3B | Mx | .007 | 5.5 |
| 64 | MP3B | X | 0 | .5 |
| 65 | MP3B | Z | -8.475 | .5 |
| 66 | MP3B | Mx | -.001 | .5 |
| 67 | MP3B | X | 0 | 5.5 |
| 68 | MP3B | Z | -8.475 | 5.5 |
| 69 | MP3B | Mx | -.001 | 5.5 |
| 70 | MP5A | X | 0 | 2.5 |
| 71 | MP5A | Z | -10.005 | 2.5 |
| 72 | MP5A | Mx | 0 | 2.5 |
| 73 | MP5A | X | 0 | 7.5 |
| 74 | MP5A | Z | -10.005 | 7.5 |
| 75 | MP5A | Mx | 0 | 7.5 |
| 76 | MP5B | X | 0 | 2.5 |
| 77 | MP5B | Z | -7.758 | 2.5 |
| 78 | MP5B | Mx | .003 | 2.5 |
| 79 | MP5B | X | 0 | 7.5 |
| 80 | MP5B | Z | -7.758 | 7.5 |
| 81 | MP5B | Mx | .003 | 7.5 |
| 82 | MP5C | X | 0 | 2.5 |
| 83 | MP5C | Z | -6.757 | 2.5 |
| 84 | MP5C | Mx | -.003 | 2.5 |
| 85 | MP5C | X | 0 | 7.5 |
| 86 | MP5C | Z | -6.757 | 7.5 |
| 87 | MP5C | Mx | -.003 | 7.5 |
| 88 | MP3B | X | 0 | 3.5 |
| 89 | MP3B | Z | -.7 | 3.5 |
| 90 | MP3B | Mx | -.000225 | 3.5 |
| 91 | MP3A | X | 0 | 3 |
| 92 | MP3A | Z | -4.054 | 3 |
| 93 | MP3A | Mx | 0 | 3 |
| 94 | MP3B | X | 0 | 1 |
| 95 | MP3B | Z | -3.286 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 96 | MP3B | Mx | .001 | 1 |
| 97 | MP3C | X | 0 | 3 |
| 98 | MP3C | Z | -2.251 | 3 |
| 99 | MP3C | Mx | -.001 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | 2.16 | 3.75 |
| 2 | MP1A | Z | -3.741 | 3.75 |
| 3 | MP1A | Mx | -.001 | 3.75 |
| 4 | MP1A | X | 2.16 | 5 |
| 5 | MP1A | Z | -3.741 | 5 |
| 6 | MP1A | Mx | -.001 | 5 |
| 7 | MP1B | X | 1.179 | 3.75 |
| 8 | MP1B | Z | -2.041 | 3.75 |
| 9 | MP1B | Mx | .001 | 3.75 |
| 10 | MP1B | X | 1.179 | 5 |
| 11 | MP1B | Z | -2.041 | 5 |
| 12 | MP1B | Mx | .001 | 5 |
| 13 | MP1C | X | 1.638 | 3.75 |
| 14 | MP1C | Z | -2.837 | 3.75 |
| 15 | MP1C | Mx | -.001 | 3.75 |
| 16 | MP1C | X | 1.638 | 5 |
| 17 | MP1C | Z | -2.837 | 5 |
| 18 | MP1C | Mx | -.001 | 5 |
| 19 | MP3A | X | .37 | 1 |
| 20 | MP3A | Z | -.641 | 1 |
| 21 | MP3A | Mx | .000185 | 1 |
| 22 | MP3C | X | .329 | 1 |
| 23 | MP3C | Z | -.569 | 1 |
| 24 | MP3C | Mx | .000252 | 1 |
| 25 | MP2A | X | 1.859 | 5 |
| 26 | MP2A | Z | -3.22 | 5 |
| 27 | MP2A | Mx | .00093 | 5 |
| 28 | MP2B | X | 1.434 | 5 |
| 29 | MP2B | Z | -2.483 | 5 |
| 30 | MP2B | Mx | -.001 | 5 |
| 31 | MP2C | X | 1.633 | 5 |
| 32 | MP2C | Z | -2.828 | 5 |
| 33 | MP2C | Mx | .001 | 5 |
| 34 | MP3A | X | 4.514 | .5 |
| 35 | MP3A | Z | -7.819 | .5 |
| 36 | MP3A | Mx | -.007 | .5 |
| 37 | MP3A | X | 4.514 | 5.5 |
| 38 | MP3A | Z | -7.819 | 5.5 |
| 39 | MP3A | Mx | -.007 | 5.5 |
| 40 | MP3C | X | 3.943 | .5 |
| 41 | MP3C | Z | -6.83 | .5 |
| 42 | MP3C | Mx | -6.4e-5 | .5 |
| 43 | MP3C | X | 3.943 | 5.5 |
| 44 | MP3C | Z | -6.83 | 5.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 45 | MP3C | Mx | -6.4e-5 | 5.5 |
| 46 | MP3A | X | 4.514 | .5 |
| 47 | MP3A | Z | -7.819 | .5 |
| 48 | MP3A | Mx | .002 | .5 |
| 49 | MP3A | X | 4.514 | 5.5 |
| 50 | MP3A | Z | -7.819 | 5.5 |
| 51 | MP3A | Mx | .002 | 5.5 |
| 52 | MP3C | X | 3.943 | .5 |
| 53 | MP3C | Z | -6.83 | .5 |
| 54 | MP3C | Mx | -.006 | .5 |
| 55 | MP3C | X | 3.943 | 5.5 |
| 56 | MP3C | Z | -6.83 | 5.5 |
| 57 | MP3C | Mx | -.006 | 5.5 |
| 58 | MP3B | X | 3.441 | .5 |
| 59 | MP3B | Z | -5.96 | .5 |
| 60 | MP3B | Mx | .005 | .5 |
| 61 | MP3B | X | 3.441 | 5.5 |
| 62 | MP3B | Z | -5.96 | 5.5 |
| 63 | MP3B | Mx | .005 | 5.5 |
| 64 | MP3B | X | 3.441 | .5 |
| 65 | MP3B | Z | -5.96 | .5 |
| 66 | MP3B | Mx | .002 | .5 |
| 67 | MP3B | X | 3.441 | 5.5 |
| 68 | MP3B | Z | -5.96 | 5.5 |
| 69 | MP3B | Mx | .002 | 5.5 |
| 70 | MP5A | X | 4.584 | 2.5 |
| 71 | MP5A | Z | -7.94 | 2.5 |
| 72 | MP5A | Mx | -.002 | 2.5 |
| 73 | MP5A | X | 4.584 | 7.5 |
| 74 | MP5A | Z | -7.94 | 7.5 |
| 75 | MP5A | Mx | -.002 | 7.5 |
| 76 | MP5B | X | 3.341 | 2.5 |
| 77 | MP5B | Z | -5.786 | 2.5 |
| 78 | MP5B | Mx | .003 | 2.5 |
| 79 | MP5B | X | 3.341 | 7.5 |
| 80 | MP5B | Z | -5.786 | 7.5 |
| 81 | MP5B | Mx | .003 | 7.5 |
| 82 | MP5C | X | 4.02 | 2.5 |
| 83 | MP5C | Z | -6.963 | 2.5 |
| 84 | MP5C | Mx | -.003 | 2.5 |
| 85 | MP5C | X | 4.02 | 7.5 |
| 86 | MP5C | Z | -6.963 | 7.5 |
| 87 | MP5C | Mx | -.003 | 7.5 |
| 88 | MP3B | X | .292 | 3.5 |
| 89 | MP3B | Z | -.506 | 3.5 |
| 90 | MP3B | Mx | -.000274 | 3.5 |
| 91 | MP3A | X | 1.795 | 3 |
| 92 | MP3A | Z | -3.109 | 3 |
| 93 | MP3A | Mx | -.000898 | 3 |
| 94 | MP3B | X | 1.206 | 1 |
| 95 | MP3B | Z | -2.089 | 1 |
| 96 | MP3B | Mx | .001 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 97 | MP3C | X | 1.482 | 3 |
| 98 | MP3C | Z | -2.566 | 3 |
| 99 | MP3C | Mx | -.001 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | 2.399 | 3.75 |
| 2 | MP1A | Z | -1.385 | 3.75 |
| 3 | MP1A | Mx | -.001 | 3.75 |
| 4 | MP1A | X | 2.399 | 5 |
| 5 | MP1A | Z | -1.385 | 5 |
| 6 | MP1A | Mx | -.001 | 5 |
| 7 | MP1B | X | 1.808 | 3.75 |
| 8 | MP1B | Z | -1.044 | 3.75 |
| 9 | MP1B | Mx | .001 | 3.75 |
| 10 | MP1B | X | 1.808 | 5 |
| 11 | MP1B | Z | -1.044 | 5 |
| 12 | MP1B | Mx | .001 | 5 |
| 13 | MP1C | X | 4.098 | 3.75 |
| 14 | MP1C | Z | -2.366 | 3.75 |
| 15 | MP1C | Mx | -.000809 | 3.75 |
| 16 | MP1C | X | 4.098 | 5 |
| 17 | MP1C | Z | -2.366 | 5 |
| 18 | MP1C | Mx | -.000809 | 5 |
| 19 | MP3A | X | .534 | 1 |
| 20 | MP3A | Z | -.308 | 1 |
| 21 | MP3A | Mx | .000267 | 1 |
| 22 | MP3C | X | .67 | 1 |
| 23 | MP3C | Z | -.387 | 1 |
| 24 | MP3C | Mx | .000132 | 1 |
| 25 | MP2A | X | 2.638 | 5 |
| 26 | MP2A | Z | -1.523 | 5 |
| 27 | MP2A | Mx | .001 | 5 |
| 28 | MP2B | X | 2.382 | 5 |
| 29 | MP2B | Z | -1.375 | 5 |
| 30 | MP2B | Mx | -.001 | 5 |
| 31 | MP2C | X | 3.375 | 5 |
| 32 | MP2C | Z | -1.948 | 5 |
| 33 | MP2C | Mx | .000666 | 5 |
| 34 | MP3A | X | 6.351 | .5 |
| 35 | MP3A | Z | -3.667 | .5 |
| 36 | MP3A | Mx | -.005 | .5 |
| 37 | MP3A | X | 6.351 | 5.5 |
| 38 | MP3A | Z | -3.667 | 5.5 |
| 39 | MP3A | Mx | -.005 | 5.5 |
| 40 | MP3C | X | 8.209 | .5 |
| 41 | MP3C | Z | -4.739 | .5 |
| 42 | MP3C | Mx | .004 | .5 |
| 43 | MP3C | X | 8.209 | 5.5 |
| 44 | MP3C | Z | -4.739 | 5.5 |
| 45 | MP3C | Mx | .004 | 5.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 46 | MP3A | X | 6.351 | .5 |
| 47 | MP3A | Z | -3.667 | .5 |
| 48 | MP3A | Mx | -.001 | .5 |
| 49 | MP3A | X | 6.351 | 5.5 |
| 50 | MP3A | Z | -3.667 | 5.5 |
| 51 | MP3A | Mx | -.001 | 5.5 |
| 52 | MP3C | X | 8.209 | .5 |
| 53 | MP3C | Z | -4.739 | .5 |
| 54 | MP3C | Mx | -.007 | .5 |
| 55 | MP3C | X | 8.209 | 5.5 |
| 56 | MP3C | Z | -4.739 | 5.5 |
| 57 | MP3C | Mx | -.007 | 5.5 |
| 58 | MP3B | X | 5.706 | .5 |
| 59 | MP3B | Z | -3.294 | .5 |
| 60 | MP3B | Mx | .003 | .5 |
| 61 | MP3B | X | 5.706 | 5.5 |
| 62 | MP3B | Z | -3.294 | 5.5 |
| 63 | MP3B | Mx | .003 | 5.5 |
| 64 | MP3B | X | 5.706 | .5 |
| 65 | MP3B | Z | -3.294 | .5 |
| 66 | MP3B | Mx | .004 | .5 |
| 67 | MP3B | X | 5.706 | 5.5 |
| 68 | MP3B | Z | -3.294 | 5.5 |
| 69 | MP3B | Mx | .004 | 5.5 |
| 70 | MP5A | X | 6.489 | 2.5 |
| 71 | MP5A | Z | -3.747 | 2.5 |
| 72 | MP5A | Mx | -.003 | 2.5 |
| 73 | MP5A | X | 6.489 | 7.5 |
| 74 | MP5A | Z | -3.747 | 7.5 |
| 75 | MP5A | Mx | -.003 | 7.5 |
| 76 | MP5B | X | 6.282 | 2.5 |
| 77 | MP5B | Z | -3.627 | 2.5 |
| 78 | MP5B | Mx | .003 | 2.5 |
| 79 | MP5B | X | 6.282 | 7.5 |
| 80 | MP5B | Z | -3.627 | 7.5 |
| 81 | MP5B | Mx | .003 | 7.5 |
| 82 | MP5C | X | 8.326 | 2.5 |
| 83 | MP5C | Z | -4.807 | 2.5 |
| 84 | MP5C | Mx | -.002 | 2.5 |
| 85 | MP5C | X | 8.326 | 7.5 |
| 86 | MP5C | Z | -4.807 | 7.5 |
| 87 | MP5C | Mx | -.002 | 7.5 |
| 88 | MP3B | X | .487 | 3.5 |
| 89 | MP3B | Z | -.281 | 3.5 |
| 90 | MP3B | Mx | -.000277 | 3.5 |
| 91 | MP3A | X | 2.304 | 3 |
| 92 | MP3A | Z | -1.33 | 3 |
| 93 | MP3A | Mx | -.001 | 3 |
| 94 | MP3B | X | 1.95 | 1 |
| 95 | MP3B | Z | -1.126 | 1 |
| 96 | MP3B | Mx | .001 | 1 |
| 97 | MP3C | X | 3.323 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 98 | MP3C | Z | -1.918 | 3 |
| 99 | MP3C | Mx | -.000656 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | 1.995 | 3.75 |
| 2 | MP1A | Z | 0 | 3.75 |
| 3 | MP1A | Mx | -.000998 | 3.75 |
| 4 | MP1A | X | 1.995 | 5 |
| 5 | MP1A | Z | 0 | 5 |
| 6 | MP1A | Mx | -.000998 | 5 |
| 7 | MP1B | X | 3.276 | 3.75 |
| 8 | MP1B | Z | 0 | 3.75 |
| 9 | MP1B | Mx | .001 | 3.75 |
| 10 | MP1B | X | 3.276 | 5 |
| 11 | MP1B | Z | 0 | 5 |
| 12 | MP1B | Mx | .001 | 5 |
| 13 | MP1C | X | 5.001 | 3.75 |
| 14 | MP1C | Z | 0 | 3.75 |
| 15 | MP1C | Mx | .000434 | 3.75 |
| 16 | MP1C | X | 5.001 | 5 |
| 17 | MP1C | Z | 0 | 5 |
| 18 | MP1C | Mx | .000434 | 5 |
| 19 | MP3A | X | .555 | 1 |
| 20 | MP3A | Z | 0 | 1 |
| 21 | MP3A | Mx | .000278 | 1 |
| 22 | MP3C | X | .795 | 1 |
| 23 | MP3C | Z | 0 | 1 |
| 24 | MP3C | Mx | -6.9e-5 | 1 |
| 25 | MP2A | X | 2.71 | 5 |
| 26 | MP2A | Z | 0 | 5 |
| 27 | MP2A | Mx | .001 | 5 |
| 28 | MP2B | X | 3.265 | 5 |
| 29 | MP2B | Z | 0 | 5 |
| 30 | MP2B | Mx | -.001 | 5 |
| 31 | MP2C | X | 4.014 | 5 |
| 32 | MP2C | Z | 0 | 5 |
| 33 | MP2C | Mx | -.000349 | 5 |
| 34 | MP3A | X | 6.486 | .5 |
| 35 | MP3A | Z | 0 | .5 |
| 36 | MP3A | Mx | -.003 | .5 |
| 37 | MP3A | X | 6.486 | 5.5 |
| 38 | MP3A | Z | 0 | 5.5 |
| 39 | MP3A | Mx | -.003 | 5.5 |
| 40 | MP3C | X | 9.773 | .5 |
| 41 | MP3C | Z | 0 | .5 |
| 42 | MP3C | Mx | .006 | .5 |
| 43 | MP3C | X | 9.773 | 5.5 |
| 44 | MP3C | Z | 0 | 5.5 |
| 45 | MP3C | Mx | .006 | 5.5 |
| 46 | MP3A | X | 6.486 | .5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 47 | MP3A | Z | 0 | .5 |
| 48 | MP3A | Mx | -.003 | .5 |
| 49 | MP3A | X | 6.486 | 5.5 |
| 50 | MP3A | Z | 0 | 5.5 |
| 51 | MP3A | Mx | -.003 | 5.5 |
| 52 | MP3C | X | 9.773 | .5 |
| 53 | MP3C | Z | 0 | .5 |
| 54 | MP3C | Mx | -.005 | .5 |
| 55 | MP3C | X | 9.773 | 5.5 |
| 56 | MP3C | Z | 0 | 5.5 |
| 57 | MP3C | Mx | -.005 | 5.5 |
| 58 | MP3B | X | 7.886 | .5 |
| 59 | MP3B | Z | 0 | .5 |
| 60 | MP3B | Mx | 6.4e-5 | .5 |
| 61 | MP3B | X | 7.886 | 5.5 |
| 62 | MP3B | Z | 0 | 5.5 |
| 63 | MP3B | Mx | 6.4e-5 | 5.5 |
| 64 | MP3B | X | 7.886 | .5 |
| 65 | MP3B | Z | 0 | .5 |
| 66 | MP3B | Mx | .006 | .5 |
| 67 | MP3B | X | 7.886 | 5.5 |
| 68 | MP3B | Z | 0 | 5.5 |
| 69 | MP3B | Mx | .006 | 5.5 |
| 70 | MP5A | X | 6.656 | 2.5 |
| 71 | MP5A | Z | 0 | 2.5 |
| 72 | MP5A | Mx | -.003 | 2.5 |
| 73 | MP5A | X | 6.656 | 7.5 |
| 74 | MP5A | Z | 0 | 7.5 |
| 75 | MP5A | Mx | -.003 | 7.5 |
| 76 | MP5B | X | 8.904 | 2.5 |
| 77 | MP5B | Z | 0 | 2.5 |
| 78 | MP5B | Mx | .003 | 2.5 |
| 79 | MP5B | X | 8.904 | 7.5 |
| 80 | MP5B | Z | 0 | 7.5 |
| 81 | MP5B | Mx | .003 | 7.5 |
| 82 | MP5C | X | 9.904 | 2.5 |
| 83 | MP5C | Z | 0 | 2.5 |
| 84 | MP5C | Mx | .00086 | 2.5 |
| 85 | MP5C | X | 9.904 | 7.5 |
| 86 | MP5C | Z | 0 | 7.5 |
| 87 | MP5C | Mx | .00086 | 7.5 |
| 88 | MP3B | X | .657 | 3.5 |
| 89 | MP3B | Z | 0 | 3.5 |
| 90 | MP3B | Mx | -.000252 | 3.5 |
| 91 | MP3A | X | 2.195 | 3 |
| 92 | MP3A | Z | 0 | 3 |
| 93 | MP3A | Mx | -.001 | 3 |
| 94 | MP3B | X | 2.963 | 1 |
| 95 | MP3B | Z | 0 | 1 |
| 96 | MP3B | Mx | .001 | 1 |
| 97 | MP3C | X | 3.998 | 3 |
| 98 | MP3C | Z | 0 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 99 | MP3C | Mx | .000347 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | 2.399 | 3.75 |
| 2 | MP1A | Z | 1.385 | 3.75 |
| 3 | MP1A | Mx | -.001 | 3.75 |
| 4 | MP1A | X | 2.399 | 5 |
| 5 | MP1A | Z | 1.385 | 5 |
| 6 | MP1A | Mx | -.001 | 5 |
| 7 | MP1B | X | 4.098 | 3.75 |
| 8 | MP1B | Z | 2.366 | 3.75 |
| 9 | MP1B | Mx | .000809 | 3.75 |
| 10 | MP1B | X | 4.098 | 5 |
| 11 | MP1B | Z | 2.366 | 5 |
| 12 | MP1B | Mx | .000809 | 5 |
| 13 | MP1C | X | 3.303 | 3.75 |
| 14 | MP1C | Z | 1.907 | 3.75 |
| 15 | MP1C | Mx | .001 | 3.75 |
| 16 | MP1C | X | 3.303 | 5 |
| 17 | MP1C | Z | 1.907 | 5 |
| 18 | MP1C | Mx | .001 | 5 |
| 19 | MP3A | X | .534 | 1 |
| 20 | MP3A | Z | .308 | 1 |
| 21 | MP3A | Mx | .000267 | 1 |
| 22 | MP3C | X | .606 | 1 |
| 23 | MP3C | Z | .35 | 1 |
| 24 | MP3C | Mx | -.000225 | 1 |
| 25 | MP2A | X | 2.638 | 5 |
| 26 | MP2A | Z | 1.523 | 5 |
| 27 | MP2A | Mx | .001 | 5 |
| 28 | MP2B | X | 3.375 | 5 |
| 29 | MP2B | Z | 1.948 | 5 |
| 30 | MP2B | Mx | -.000667 | 5 |
| 31 | MP2C | X | 3.03 | 5 |
| 32 | MP2C | Z | 1.749 | 5 |
| 33 | MP2C | Mx | -.001 | 5 |
| 34 | MP3A | X | 6.351 | .5 |
| 35 | MP3A | Z | 3.667 | .5 |
| 36 | MP3A | Mx | -.001 | .5 |
| 37 | MP3A | X | 6.351 | 5.5 |
| 38 | MP3A | Z | 3.667 | 5.5 |
| 39 | MP3A | Mx | -.001 | 5.5 |
| 40 | MP3C | X | 7.34 | .5 |
| 41 | MP3C | Z | 4.237 | .5 |
| 42 | MP3C | Mx | .007 | .5 |
| 43 | MP3C | X | 7.34 | 5.5 |
| 44 | MP3C | Z | 4.237 | 5.5 |
| 45 | MP3C | Mx | .007 | 5.5 |
| 46 | MP3A | X | 6.351 | .5 |
| 47 | MP3A | Z | 3.667 | .5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 48 | MP3A | Mx | -.005 | .5 |
| 49 | MP3A | X | 6.351 | 5.5 |
| 50 | MP3A | Z | 3.667 | 5.5 |
| 51 | MP3A | Mx | -.005 | 5.5 |
| 52 | MP3C | X | 7.34 | .5 |
| 53 | MP3C | Z | 4.237 | .5 |
| 54 | MP3C | Mx | -.001 | .5 |
| 55 | MP3C | X | 7.34 | 5.5 |
| 56 | MP3C | Z | 4.237 | 5.5 |
| 57 | MP3C | Mx | -.001 | 5.5 |
| 58 | MP3B | X | 8.209 | .5 |
| 59 | MP3B | Z | 4.739 | .5 |
| 60 | MP3B | Mx | -.004 | .5 |
| 61 | MP3B | X | 8.209 | 5.5 |
| 62 | MP3B | Z | 4.739 | 5.5 |
| 63 | MP3B | Mx | -.004 | 5.5 |
| 64 | MP3B | X | 8.209 | .5 |
| 65 | MP3B | Z | 4.739 | .5 |
| 66 | MP3B | Mx | .007 | .5 |
| 67 | MP3B | X | 8.209 | 5.5 |
| 68 | MP3B | Z | 4.739 | 5.5 |
| 69 | MP3B | Mx | .007 | 5.5 |
| 70 | MP5A | X | 6.489 | 2.5 |
| 71 | MP5A | Z | 3.747 | 2.5 |
| 72 | MP5A | Mx | -.003 | 2.5 |
| 73 | MP5A | X | 6.489 | 7.5 |
| 74 | MP5A | Z | 3.747 | 7.5 |
| 75 | MP5A | Mx | -.003 | 7.5 |
| 76 | MP5B | X | 8.643 | 2.5 |
| 77 | MP5B | Z | 4.99 | 2.5 |
| 78 | MP5B | Mx | .000435 | 2.5 |
| 79 | MP5B | X | 8.643 | 7.5 |
| 80 | MP5B | Z | 4.99 | 7.5 |
| 81 | MP5B | Mx | .000435 | 7.5 |
| 82 | MP5C | X | 7.466 | 2.5 |
| 83 | MP5C | Z | 4.311 | 2.5 |
| 84 | MP5C | Mx | .003 | 2.5 |
| 85 | MP5C | X | 7.466 | 7.5 |
| 86 | MP5C | Z | 4.311 | 7.5 |
| 87 | MP5C | Mx | .003 | 7.5 |
| 88 | MP3B | X | .67 | 3.5 |
| 89 | MP3B | Z | .387 | 3.5 |
| 90 | MP3B | Mx | -.000132 | 3.5 |
| 91 | MP3A | X | 2.304 | 3 |
| 92 | MP3A | Z | 1.33 | 3 |
| 93 | MP3A | Mx | -.001 | 3 |
| 94 | MP3B | X | 3.323 | 1 |
| 95 | MP3B | Z | 1.918 | 1 |
| 96 | MP3B | Mx | .000656 | 1 |
| 97 | MP3C | X | 2.846 | 3 |
| 98 | MP3C | Z | 1.643 | 3 |
| 99 | MP3C | Mx | .001 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | 2.16 | 3.75 |
| 2 | MP1A | Z | 3.741 | 3.75 |
| 3 | MP1A | Mx | -.001 | 3.75 |
| 4 | MP1A | X | 2.16 | 5 |
| 5 | MP1A | Z | 3.741 | 5 |
| 6 | MP1A | Mx | -.001 | 5 |
| 7 | MP1B | X | 2.501 | 3.75 |
| 8 | MP1B | Z | 4.331 | 3.75 |
| 9 | MP1B | Mx | -.000434 | 3.75 |
| 10 | MP1B | X | 2.501 | 5 |
| 11 | MP1B | Z | 4.331 | 5 |
| 12 | MP1B | Mx | -.000434 | 5 |
| 13 | MP1C | X | 1.179 | 3.75 |
| 14 | MP1C | Z | 2.041 | 3.75 |
| 15 | MP1C | Mx | .001 | 3.75 |
| 16 | MP1C | X | 1.179 | 5 |
| 17 | MP1C | Z | 2.041 | 5 |
| 18 | MP1C | Mx | .001 | 5 |
| 19 | MP3A | X | .37 | 1 |
| 20 | MP3A | Z | .641 | 1 |
| 21 | MP3A | Mx | .000185 | 1 |
| 22 | MP3C | X | .292 | 1 |
| 23 | MP3C | Z | .506 | 1 |
| 24 | MP3C | Mx | -.000275 | 1 |
| 25 | MP2A | X | 1.859 | 5 |
| 26 | MP2A | Z | 3.22 | 5 |
| 27 | MP2A | Mx | .00093 | 5 |
| 28 | MP2B | X | 2.007 | 5 |
| 29 | MP2B | Z | 3.476 | 5 |
| 30 | MP2B | Mx | .000348 | 5 |
| 31 | MP2C | X | 1.434 | 5 |
| 32 | MP2C | Z | 2.483 | 5 |
| 33 | MP2C | Mx | -.001 | 5 |
| 34 | MP3A | X | 4.514 | .5 |
| 35 | MP3A | Z | 7.819 | .5 |
| 36 | MP3A | Mx | .002 | .5 |
| 37 | MP3A | X | 4.514 | 5.5 |
| 38 | MP3A | Z | 7.819 | 5.5 |
| 39 | MP3A | Mx | .002 | 5.5 |
| 40 | MP3C | X | 3.441 | .5 |
| 41 | MP3C | Z | 5.96 | .5 |
| 42 | MP3C | Mx | .005 | .5 |
| 43 | MP3C | X | 3.441 | 5.5 |
| 44 | MP3C | Z | 5.96 | 5.5 |
| 45 | MP3C | Mx | .005 | 5.5 |
| 46 | MP3A | X | 4.514 | .5 |
| 47 | MP3A | Z | 7.819 | .5 |
| 48 | MP3A | Mx | -.007 | .5 |
| 49 | MP3A | X | 4.514 | 5.5 |
| 50 | MP3A | Z | 7.819 | 5.5 |
| 51 | MP3A | Mx | -.007 | 5.5 |
| 52 | MP3C | X | 3.441 | .5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 53 | MP3C | Z | 5.96 | .5 |
| 54 | MP3C | Mx | .002 | .5 |
| 55 | MP3C | X | 3.441 | 5.5 |
| 56 | MP3C | Z | 5.96 | 5.5 |
| 57 | MP3C | Mx | .002 | 5.5 |
| 58 | MP3B | X | 4.887 | .5 |
| 59 | MP3B | Z | 8.464 | .5 |
| 60 | MP3B | Mx | -.006 | .5 |
| 61 | MP3B | X | 4.887 | 5.5 |
| 62 | MP3B | Z | 8.464 | 5.5 |
| 63 | MP3B | Mx | -.006 | 5.5 |
| 64 | MP3B | X | 4.887 | .5 |
| 65 | MP3B | Z | 8.464 | .5 |
| 66 | MP3B | Mx | .005 | .5 |
| 67 | MP3B | X | 4.887 | 5.5 |
| 68 | MP3B | Z | 8.464 | 5.5 |
| 69 | MP3B | Mx | .005 | 5.5 |
| 70 | MP5A | X | 4.584 | 2.5 |
| 71 | MP5A | Z | 7.94 | 2.5 |
| 72 | MP5A | Mx | -.002 | 2.5 |
| 73 | MP5A | X | 4.584 | 7.5 |
| 74 | MP5A | Z | 7.94 | 7.5 |
| 75 | MP5A | Mx | -.002 | 7.5 |
| 76 | MP5B | X | 4.704 | 2.5 |
| 77 | MP5B | Z | 8.147 | 2.5 |
| 78 | MP5B | Mx | -.002 | 2.5 |
| 79 | MP5B | X | 4.704 | 7.5 |
| 80 | MP5B | Z | 8.147 | 7.5 |
| 81 | MP5B | Mx | -.002 | 7.5 |
| 82 | MP5C | X | 3.524 | 2.5 |
| 83 | MP5C | Z | 6.104 | 2.5 |
| 84 | MP5C | Mx | .003 | 2.5 |
| 85 | MP5C | X | 3.524 | 7.5 |
| 86 | MP5C | Z | 6.104 | 7.5 |
| 87 | MP5C | Mx | .003 | 7.5 |
| 88 | MP3B | X | .397 | 3.5 |
| 89 | MP3B | Z | .688 | 3.5 |
| 90 | MP3B | Mx | 6.9e-5 | 3.5 |
| 91 | MP3A | X | 1.795 | 3 |
| 92 | MP3A | Z | 3.109 | 3 |
| 93 | MP3A | Mx | -.000898 | 3 |
| 94 | MP3B | X | 1.999 | 1 |
| 95 | MP3B | Z | 3.463 | 1 |
| 96 | MP3B | Mx | -.000347 | 1 |
| 97 | MP3C | X | 1.206 | 3 |
| 98 | MP3C | Z | 2.089 | 3 |
| 99 | MP3C | Mx | .001 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | 0 | 3.75 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 2 | MP1A | Z | 5.095 | 3.75 |
| 3 | MP1A | Mx | 0 | 3.75 |
| 4 | MP1A | X | 0 | 5 |
| 5 | MP1A | Z | 5.095 | 5 |
| 6 | MP1A | Mx | 0 | 5 |
| 7 | MP1B | X | 0 | 3.75 |
| 8 | MP1B | Z | 3.814 | 3.75 |
| 9 | MP1B | Mx | -.001 | 3.75 |
| 10 | MP1B | X | 0 | 5 |
| 11 | MP1B | Z | 3.814 | 5 |
| 12 | MP1B | Mx | -.001 | 5 |
| 13 | MP1C | X | 0 | 3.75 |
| 14 | MP1C | Z | 2.088 | 3.75 |
| 15 | MP1C | Mx | .001 | 3.75 |
| 16 | MP1C | X | 0 | 5 |
| 17 | MP1C | Z | 2.088 | 5 |
| 18 | MP1C | Mx | .001 | 5 |
| 19 | MP3A | X | 0 | 1 |
| 20 | MP3A | Z | .802 | 1 |
| 21 | MP3A | Mx | 0 | 1 |
| 22 | MP3C | X | 0 | 1 |
| 23 | MP3C | Z | .562 | 1 |
| 24 | MP3C | Mx | -.000277 | 1 |
| 25 | MP2A | X | 0 | 5 |
| 26 | MP2A | Z | 4.054 | 5 |
| 27 | MP2A | Mx | 0 | 5 |
| 28 | MP2B | X | 0 | 5 |
| 29 | MP2B | Z | 3.499 | 5 |
| 30 | MP2B | Mx | .001 | 5 |
| 31 | MP2C | X | 0 | 5 |
| 32 | MP2C | Z | 2.751 | 5 |
| 33 | MP2C | Mx | -.001 | 5 |
| 34 | MP3A | X | 0 | .5 |
| 35 | MP3A | Z | 9.875 | .5 |
| 36 | MP3A | Mx | .006 | .5 |
| 37 | MP3A | X | 0 | 5.5 |
| 38 | MP3A | Z | 9.875 | 5.5 |
| 39 | MP3A | Mx | .006 | 5.5 |
| 40 | MP3C | X | 0 | .5 |
| 41 | MP3C | Z | 6.588 | .5 |
| 42 | MP3C | Mx | .003 | .5 |
| 43 | MP3C | X | 0 | 5.5 |
| 44 | MP3C | Z | 6.588 | 5.5 |
| 45 | MP3C | Mx | .003 | 5.5 |
| 46 | MP3A | X | 0 | .5 |
| 47 | MP3A | Z | 9.875 | .5 |
| 48 | MP3A | Mx | -.006 | .5 |
| 49 | MP3A | X | 0 | 5.5 |
| 50 | MP3A | Z | 9.875 | 5.5 |
| 51 | MP3A | Mx | -.006 | 5.5 |
| 52 | MP3C | X | 0 | .5 |
| 53 | MP3C | Z | 6.588 | .5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 54 | MP3C | Mx | .004 | .5 |
| 55 | MP3C | X | 0 | 5.5 |
| 56 | MP3C | Z | 6.588 | 5.5 |
| 57 | MP3C | Mx | .004 | 5.5 |
| 58 | MP3B | X | 0 | .5 |
| 59 | MP3B | Z | 8.475 | .5 |
| 60 | MP3B | Mx | -.007 | .5 |
| 61 | MP3B | X | 0 | 5.5 |
| 62 | MP3B | Z | 8.475 | 5.5 |
| 63 | MP3B | Mx | -.007 | 5.5 |
| 64 | MP3B | X | 0 | .5 |
| 65 | MP3B | Z | 8.475 | .5 |
| 66 | MP3B | Mx | .001 | .5 |
| 67 | MP3B | X | 0 | 5.5 |
| 68 | MP3B | Z | 8.475 | 5.5 |
| 69 | MP3B | Mx | .001 | 5.5 |
| 70 | MP5A | X | 0 | 2.5 |
| 71 | MP5A | Z | 10.005 | 2.5 |
| 72 | MP5A | Mx | 0 | 2.5 |
| 73 | MP5A | X | 0 | 7.5 |
| 74 | MP5A | Z | 10.005 | 7.5 |
| 75 | MP5A | Mx | 0 | 7.5 |
| 76 | MP5B | X | 0 | 2.5 |
| 77 | MP5B | Z | 7.758 | 2.5 |
| 78 | MP5B | Mx | -.003 | 2.5 |
| 79 | MP5B | X | 0 | 7.5 |
| 80 | MP5B | Z | 7.758 | 7.5 |
| 81 | MP5B | Mx | -.003 | 7.5 |
| 82 | MP5C | X | 0 | 2.5 |
| 83 | MP5C | Z | 6.757 | 2.5 |
| 84 | MP5C | Mx | .003 | 2.5 |
| 85 | MP5C | X | 0 | 7.5 |
| 86 | MP5C | Z | 6.757 | 7.5 |
| 87 | MP5C | Mx | .003 | 7.5 |
| 88 | MP3B | X | 0 | 3.5 |
| 89 | MP3B | Z | .7 | 3.5 |
| 90 | MP3B | Mx | .000225 | 3.5 |
| 91 | MP3A | X | 0 | 3 |
| 92 | MP3A | Z | 4.054 | 3 |
| 93 | MP3A | Mx | 0 | 3 |
| 94 | MP3B | X | 0 | 1 |
| 95 | MP3B | Z | 3.286 | 1 |
| 96 | MP3B | Mx | -.001 | 1 |
| 97 | MP3C | X | 0 | 3 |
| 98 | MP3C | Z | 2.251 | 3 |
| 99 | MP3C | Mx | .001 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | -2.16 | 3.75 |
| 2 | MP1A | Z | 3.741 | 3.75 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 3 | MP1A | Mx | .001 | 3.75 |
| 4 | MP1A | X | -2.16 | 5 |
| 5 | MP1A | Z | 3.741 | 5 |
| 6 | MP1A | Mx | .001 | 5 |
| 7 | MP1B | X | -1.179 | 3.75 |
| 8 | MP1B | Z | 2.041 | 3.75 |
| 9 | MP1B | Mx | -.001 | 3.75 |
| 10 | MP1B | X | -1.179 | 5 |
| 11 | MP1B | Z | 2.041 | 5 |
| 12 | MP1B | Mx | -.001 | 5 |
| 13 | MP1C | X | -1.638 | 3.75 |
| 14 | MP1C | Z | 2.837 | 3.75 |
| 15 | MP1C | Mx | .001 | 3.75 |
| 16 | MP1C | X | -1.638 | 5 |
| 17 | MP1C | Z | 2.837 | 5 |
| 18 | MP1C | Mx | .001 | 5 |
| 19 | MP3A | X | -.37 | 1 |
| 20 | MP3A | Z | .641 | 1 |
| 21 | MP3A | Mx | -.000185 | 1 |
| 22 | MP3C | X | -.329 | 1 |
| 23 | MP3C | Z | .569 | 1 |
| 24 | MP3C | Mx | -.000252 | 1 |
| 25 | MP2A | X | -1.859 | 5 |
| 26 | MP2A | Z | 3.22 | 5 |
| 27 | MP2A | Mx | -.00093 | 5 |
| 28 | MP2B | X | -1.434 | 5 |
| 29 | MP2B | Z | 2.483 | 5 |
| 30 | MP2B | Mx | .001 | 5 |
| 31 | MP2C | X | -1.633 | 5 |
| 32 | MP2C | Z | 2.828 | 5 |
| 33 | MP2C | Mx | -.001 | 5 |
| 34 | MP3A | X | -4.514 | .5 |
| 35 | MP3A | Z | 7.819 | .5 |
| 36 | MP3A | Mx | .007 | .5 |
| 37 | MP3A | X | -4.514 | 5.5 |
| 38 | MP3A | Z | 7.819 | 5.5 |
| 39 | MP3A | Mx | .007 | 5.5 |
| 40 | MP3C | X | -3.943 | .5 |
| 41 | MP3C | Z | 6.83 | .5 |
| 42 | MP3C | Mx | 6.4e-5 | .5 |
| 43 | MP3C | X | -3.943 | 5.5 |
| 44 | MP3C | Z | 6.83 | 5.5 |
| 45 | MP3C | Mx | 6.4e-5 | 5.5 |
| 46 | MP3A | X | -4.514 | .5 |
| 47 | MP3A | Z | 7.819 | .5 |
| 48 | MP3A | Mx | -.002 | .5 |
| 49 | MP3A | X | -4.514 | 5.5 |
| 50 | MP3A | Z | 7.819 | 5.5 |
| 51 | MP3A | Mx | -.002 | 5.5 |
| 52 | MP3C | X | -3.943 | .5 |
| 53 | MP3C | Z | 6.83 | .5 |
| 54 | MP3C | Mx | .006 | .5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 55 | MP3C | X | -3.943 | 5.5 |
| 56 | MP3C | Z | 6.83 | 5.5 |
| 57 | MP3C | Mx | .006 | 5.5 |
| 58 | MP3B | X | -3.441 | .5 |
| 59 | MP3B | Z | 5.96 | .5 |
| 60 | MP3B | Mx | -.005 | .5 |
| 61 | MP3B | X | -3.441 | 5.5 |
| 62 | MP3B | Z | 5.96 | 5.5 |
| 63 | MP3B | Mx | -.005 | 5.5 |
| 64 | MP3B | X | -3.441 | .5 |
| 65 | MP3B | Z | 5.96 | .5 |
| 66 | MP3B | Mx | -.002 | .5 |
| 67 | MP3B | X | -3.441 | 5.5 |
| 68 | MP3B | Z | 5.96 | 5.5 |
| 69 | MP3B | Mx | -.002 | 5.5 |
| 70 | MP5A | X | -4.584 | 2.5 |
| 71 | MP5A | Z | 7.94 | 2.5 |
| 72 | MP5A | Mx | .002 | 2.5 |
| 73 | MP5A | X | -4.584 | 7.5 |
| 74 | MP5A | Z | 7.94 | 7.5 |
| 75 | MP5A | Mx | .002 | 7.5 |
| 76 | MP5B | X | -3.341 | 2.5 |
| 77 | MP5B | Z | 5.786 | 2.5 |
| 78 | MP5B | Mx | -.003 | 2.5 |
| 79 | MP5B | X | -3.341 | 7.5 |
| 80 | MP5B | Z | 5.786 | 7.5 |
| 81 | MP5B | Mx | -.003 | 7.5 |
| 82 | MP5C | X | -4.02 | 2.5 |
| 83 | MP5C | Z | 6.963 | 2.5 |
| 84 | MP5C | Mx | .003 | 2.5 |
| 85 | MP5C | X | -4.02 | 7.5 |
| 86 | MP5C | Z | 6.963 | 7.5 |
| 87 | MP5C | Mx | .003 | 7.5 |
| 88 | MP3B | X | -.292 | 3.5 |
| 89 | MP3B | Z | .506 | 3.5 |
| 90 | MP3B | Mx | .000274 | 3.5 |
| 91 | MP3A | X | -1.795 | 3 |
| 92 | MP3A | Z | 3.109 | 3 |
| 93 | MP3A | Mx | .000898 | 3 |
| 94 | MP3B | X | -1.206 | 1 |
| 95 | MP3B | Z | 2.089 | 1 |
| 96 | MP3B | Mx | -.001 | 1 |
| 97 | MP3C | X | -1.482 | 3 |
| 98 | MP3C | Z | 2.566 | 3 |
| 99 | MP3C | Mx | .001 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | -2.399 | 3.75 |
| 2 | MP1A | Z | 1.385 | 3.75 |
| 3 | MP1A | Mx | .001 | 3.75 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 4 | MP1A | X | -2.399 | 5 |
| 5 | MP1A | Z | 1.385 | 5 |
| 6 | MP1A | Mx | .001 | 5 |
| 7 | MP1B | X | -1.808 | 3.75 |
| 8 | MP1B | Z | 1.044 | 3.75 |
| 9 | MP1B | Mx | -.001 | 3.75 |
| 10 | MP1B | X | -1.808 | 5 |
| 11 | MP1B | Z | 1.044 | 5 |
| 12 | MP1B | Mx | -.001 | 5 |
| 13 | MP1C | X | -4.098 | 3.75 |
| 14 | MP1C | Z | 2.366 | 3.75 |
| 15 | MP1C | Mx | .000809 | 3.75 |
| 16 | MP1C | X | -4.098 | 5 |
| 17 | MP1C | Z | 2.366 | 5 |
| 18 | MP1C | Mx | .000809 | 5 |
| 19 | MP3A | X | -.534 | 1 |
| 20 | MP3A | Z | .308 | 1 |
| 21 | MP3A | Mx | -.000267 | 1 |
| 22 | MP3C | X | -.67 | 1 |
| 23 | MP3C | Z | .387 | 1 |
| 24 | MP3C | Mx | -.000132 | 1 |
| 25 | MP2A | X | -2.638 | 5 |
| 26 | MP2A | Z | 1.523 | 5 |
| 27 | MP2A | Mx | -.001 | 5 |
| 28 | MP2B | X | -2.382 | 5 |
| 29 | MP2B | Z | 1.375 | 5 |
| 30 | MP2B | Mx | .001 | 5 |
| 31 | MP2C | X | -3.375 | 5 |
| 32 | MP2C | Z | 1.948 | 5 |
| 33 | MP2C | Mx | -.000666 | 5 |
| 34 | MP3A | X | -6.351 | .5 |
| 35 | MP3A | Z | 3.667 | .5 |
| 36 | MP3A | Mx | .005 | .5 |
| 37 | MP3A | X | -6.351 | 5.5 |
| 38 | MP3A | Z | 3.667 | 5.5 |
| 39 | MP3A | Mx | .005 | 5.5 |
| 40 | MP3C | X | -8.209 | .5 |
| 41 | MP3C | Z | 4.739 | .5 |
| 42 | MP3C | Mx | -.004 | .5 |
| 43 | MP3C | X | -8.209 | 5.5 |
| 44 | MP3C | Z | 4.739 | 5.5 |
| 45 | MP3C | Mx | -.004 | 5.5 |
| 46 | MP3A | X | -6.351 | .5 |
| 47 | MP3A | Z | 3.667 | .5 |
| 48 | MP3A | Mx | .001 | .5 |
| 49 | MP3A | X | -6.351 | 5.5 |
| 50 | MP3A | Z | 3.667 | 5.5 |
| 51 | MP3A | Mx | .001 | 5.5 |
| 52 | MP3C | X | -8.209 | .5 |
| 53 | MP3C | Z | 4.739 | .5 |
| 54 | MP3C | Mx | .007 | .5 |
| 55 | MP3C | X | -8.209 | 5.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 56 | MP3C | Z | 4.739 | 5.5 |
| 57 | MP3C | Mx | .007 | 5.5 |
| 58 | MP3B | X | -5.706 | .5 |
| 59 | MP3B | Z | 3.294 | .5 |
| 60 | MP3B | Mx | -.003 | .5 |
| 61 | MP3B | X | -5.706 | 5.5 |
| 62 | MP3B | Z | 3.294 | 5.5 |
| 63 | MP3B | Mx | -.003 | 5.5 |
| 64 | MP3B | X | -5.706 | .5 |
| 65 | MP3B | Z | 3.294 | .5 |
| 66 | MP3B | Mx | -.004 | .5 |
| 67 | MP3B | X | -5.706 | 5.5 |
| 68 | MP3B | Z | 3.294 | 5.5 |
| 69 | MP3B | Mx | -.004 | 5.5 |
| 70 | MP5A | X | -6.489 | 2.5 |
| 71 | MP5A | Z | 3.747 | 2.5 |
| 72 | MP5A | Mx | .003 | 2.5 |
| 73 | MP5A | X | -6.489 | 7.5 |
| 74 | MP5A | Z | 3.747 | 7.5 |
| 75 | MP5A | Mx | .003 | 7.5 |
| 76 | MP5B | X | -6.282 | 2.5 |
| 77 | MP5B | Z | 3.627 | 2.5 |
| 78 | MP5B | Mx | -.003 | 2.5 |
| 79 | MP5B | X | -6.282 | 7.5 |
| 80 | MP5B | Z | 3.627 | 7.5 |
| 81 | MP5B | Mx | -.003 | 7.5 |
| 82 | MP5C | X | -8.326 | 2.5 |
| 83 | MP5C | Z | 4.807 | 2.5 |
| 84 | MP5C | Mx | .002 | 2.5 |
| 85 | MP5C | X | -8.326 | 7.5 |
| 86 | MP5C | Z | 4.807 | 7.5 |
| 87 | MP5C | Mx | .002 | 7.5 |
| 88 | MP3B | X | -.487 | 3.5 |
| 89 | MP3B | Z | .281 | 3.5 |
| 90 | MP3B | Mx | .000277 | 3.5 |
| 91 | MP3A | X | -2.304 | 3 |
| 92 | MP3A | Z | 1.33 | 3 |
| 93 | MP3A | Mx | .001 | 3 |
| 94 | MP3B | X | -1.95 | 1 |
| 95 | MP3B | Z | 1.126 | 1 |
| 96 | MP3B | Mx | -.001 | 1 |
| 97 | MP3C | X | -3.323 | 3 |
| 98 | MP3C | Z | 1.918 | 3 |
| 99 | MP3C | Mx | .000656 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | -1.995 | 3.75 |
| 2 | MP1A | Z | 0 | 3.75 |
| 3 | MP1A | Mx | .000998 | 3.75 |
| 4 | MP1A | X | -1.995 | 5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 5 | MP1A | Z | 0 | 5 |
| 6 | MP1A | Mx | .000998 | 5 |
| 7 | MP1B | X | -3.276 | 3.75 |
| 8 | MP1B | Z | 0 | 3.75 |
| 9 | MP1B | Mx | -.001 | 3.75 |
| 10 | MP1B | X | -3.276 | 5 |
| 11 | MP1B | Z | 0 | 5 |
| 12 | MP1B | Mx | -.001 | 5 |
| 13 | MP1C | X | -5.001 | 3.75 |
| 14 | MP1C | Z | 0 | 3.75 |
| 15 | MP1C | Mx | -.000434 | 3.75 |
| 16 | MP1C | X | -5.001 | 5 |
| 17 | MP1C | Z | 0 | 5 |
| 18 | MP1C | Mx | -.000434 | 5 |
| 19 | MP3A | X | -.555 | 1 |
| 20 | MP3A | Z | 0 | 1 |
| 21 | MP3A | Mx | -.000278 | 1 |
| 22 | MP3C | X | -.795 | 1 |
| 23 | MP3C | Z | 0 | 1 |
| 24 | MP3C | Mx | 6.9e-5 | 1 |
| 25 | MP2A | X | -2.71 | 5 |
| 26 | MP2A | Z | 0 | 5 |
| 27 | MP2A | Mx | -.001 | 5 |
| 28 | MP2B | X | -3.265 | 5 |
| 29 | MP2B | Z | 0 | 5 |
| 30 | MP2B | Mx | .001 | 5 |
| 31 | MP2C | X | -4.014 | 5 |
| 32 | MP2C | Z | 0 | 5 |
| 33 | MP2C | Mx | .000349 | 5 |
| 34 | MP3A | X | -6.486 | .5 |
| 35 | MP3A | Z | 0 | .5 |
| 36 | MP3A | Mx | .003 | .5 |
| 37 | MP3A | X | -6.486 | 5.5 |
| 38 | MP3A | Z | 0 | 5.5 |
| 39 | MP3A | Mx | .003 | 5.5 |
| 40 | MP3C | X | -9.773 | .5 |
| 41 | MP3C | Z | 0 | .5 |
| 42 | MP3C | Mx | -.006 | .5 |
| 43 | MP3C | X | -9.773 | 5.5 |
| 44 | MP3C | Z | 0 | 5.5 |
| 45 | MP3C | Mx | -.006 | 5.5 |
| 46 | MP3A | X | -6.486 | .5 |
| 47 | MP3A | Z | 0 | .5 |
| 48 | MP3A | Mx | .003 | .5 |
| 49 | MP3A | X | -6.486 | 5.5 |
| 50 | MP3A | Z | 0 | 5.5 |
| 51 | MP3A | Mx | .003 | 5.5 |
| 52 | MP3C | X | -9.773 | .5 |
| 53 | MP3C | Z | 0 | .5 |
| 54 | MP3C | Mx | .005 | .5 |
| 55 | MP3C | X | -9.773 | 5.5 |
| 56 | MP3C | Z | 0 | 5.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 57 | MP3C | Mx | .005 | 5.5 |
| 58 | MP3B | X | -7.886 | .5 |
| 59 | MP3B | Z | 0 | .5 |
| 60 | MP3B | Mx | -6.4e-5 | .5 |
| 61 | MP3B | X | -7.886 | 5.5 |
| 62 | MP3B | Z | 0 | 5.5 |
| 63 | MP3B | Mx | -6.4e-5 | 5.5 |
| 64 | MP3B | X | -7.886 | .5 |
| 65 | MP3B | Z | 0 | .5 |
| 66 | MP3B | Mx | -.006 | .5 |
| 67 | MP3B | X | -7.886 | 5.5 |
| 68 | MP3B | Z | 0 | 5.5 |
| 69 | MP3B | Mx | -.006 | 5.5 |
| 70 | MP5A | X | -6.656 | 2.5 |
| 71 | MP5A | Z | 0 | 2.5 |
| 72 | MP5A | Mx | .003 | 2.5 |
| 73 | MP5A | X | -6.656 | 7.5 |
| 74 | MP5A | Z | 0 | 7.5 |
| 75 | MP5A | Mx | .003 | 7.5 |
| 76 | MP5B | X | -8.904 | 2.5 |
| 77 | MP5B | Z | 0 | 2.5 |
| 78 | MP5B | Mx | -.003 | 2.5 |
| 79 | MP5B | X | -8.904 | 7.5 |
| 80 | MP5B | Z | 0 | 7.5 |
| 81 | MP5B | Mx | -.003 | 7.5 |
| 82 | MP5C | X | -9.904 | 2.5 |
| 83 | MP5C | Z | 0 | 2.5 |
| 84 | MP5C | Mx | -.00086 | 2.5 |
| 85 | MP5C | X | -9.904 | 7.5 |
| 86 | MP5C | Z | 0 | 7.5 |
| 87 | MP5C | Mx | -.00086 | 7.5 |
| 88 | MP3B | X | -.657 | 3.5 |
| 89 | MP3B | Z | 0 | 3.5 |
| 90 | MP3B | Mx | .000252 | 3.5 |
| 91 | MP3A | X | -2.195 | 3 |
| 92 | MP3A | Z | 0 | 3 |
| 93 | MP3A | Mx | .001 | 3 |
| 94 | MP3B | X | -2.963 | 1 |
| 95 | MP3B | Z | 0 | 1 |
| 96 | MP3B | Mx | -.001 | 1 |
| 97 | MP3C | X | -3.998 | 3 |
| 98 | MP3C | Z | 0 | 3 |
| 99 | MP3C | Mx | -.000347 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | -2.399 | 3.75 |
| 2 | MP1A | Z | -1.385 | 3.75 |
| 3 | MP1A | Mx | .001 | 3.75 |
| 4 | MP1A | X | -2.399 | 5 |
| 5 | MP1A | Z | -1.385 | 5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 6 | MP1A | Mx | .001 | 5 |
| 7 | MP1B | X | -4.098 | 3.75 |
| 8 | MP1B | Z | -2.366 | 3.75 |
| 9 | MP1B | Mx | -.000809 | 3.75 |
| 10 | MP1B | X | -4.098 | 5 |
| 11 | MP1B | Z | -2.366 | 5 |
| 12 | MP1B | Mx | -.000809 | 5 |
| 13 | MP1C | X | -3.303 | 3.75 |
| 14 | MP1C | Z | -1.907 | 3.75 |
| 15 | MP1C | Mx | -.001 | 3.75 |
| 16 | MP1C | X | -3.303 | 5 |
| 17 | MP1C | Z | -1.907 | 5 |
| 18 | MP1C | Mx | -.001 | 5 |
| 19 | MP3A | X | -.534 | 1 |
| 20 | MP3A | Z | -.308 | 1 |
| 21 | MP3A | Mx | -.000267 | 1 |
| 22 | MP3C | X | -.606 | 1 |
| 23 | MP3C | Z | -.35 | 1 |
| 24 | MP3C | Mx | .000225 | 1 |
| 25 | MP2A | X | -2.638 | 5 |
| 26 | MP2A | Z | -1.523 | 5 |
| 27 | MP2A | Mx | -.001 | 5 |
| 28 | MP2B | X | -3.375 | 5 |
| 29 | MP2B | Z | -1.948 | 5 |
| 30 | MP2B | Mx | .000667 | 5 |
| 31 | MP2C | X | -3.03 | 5 |
| 32 | MP2C | Z | -1.749 | 5 |
| 33 | MP2C | Mx | .001 | 5 |
| 34 | MP3A | X | -6.351 | .5 |
| 35 | MP3A | Z | -3.667 | .5 |
| 36 | MP3A | Mx | .001 | .5 |
| 37 | MP3A | X | -6.351 | 5.5 |
| 38 | MP3A | Z | -3.667 | 5.5 |
| 39 | MP3A | Mx | .001 | 5.5 |
| 40 | MP3C | X | -7.34 | .5 |
| 41 | MP3C | Z | -4.237 | .5 |
| 42 | MP3C | Mx | -.007 | .5 |
| 43 | MP3C | X | -7.34 | 5.5 |
| 44 | MP3C | Z | -4.237 | 5.5 |
| 45 | MP3C | Mx | -.007 | 5.5 |
| 46 | MP3A | X | -6.351 | .5 |
| 47 | MP3A | Z | -3.667 | .5 |
| 48 | MP3A | Mx | .005 | .5 |
| 49 | MP3A | X | -6.351 | 5.5 |
| 50 | MP3A | Z | -3.667 | 5.5 |
| 51 | MP3A | Mx | .005 | 5.5 |
| 52 | MP3C | X | -7.34 | .5 |
| 53 | MP3C | Z | -4.237 | .5 |
| 54 | MP3C | Mx | .001 | .5 |
| 55 | MP3C | X | -7.34 | 5.5 |
| 56 | MP3C | Z | -4.237 | 5.5 |
| 57 | MP3C | Mx | .001 | 5.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 58 | MP3B | X | -8.209 | .5 |
| 59 | MP3B | Z | -4.739 | .5 |
| 60 | MP3B | Mx | .004 | .5 |
| 61 | MP3B | X | -8.209 | 5.5 |
| 62 | MP3B | Z | -4.739 | 5.5 |
| 63 | MP3B | Mx | .004 | 5.5 |
| 64 | MP3B | X | -8.209 | .5 |
| 65 | MP3B | Z | -4.739 | .5 |
| 66 | MP3B | Mx | -.007 | .5 |
| 67 | MP3B | X | -8.209 | 5.5 |
| 68 | MP3B | Z | -4.739 | 5.5 |
| 69 | MP3B | Mx | -.007 | 5.5 |
| 70 | MP5A | X | -6.489 | 2.5 |
| 71 | MP5A | Z | -3.747 | 2.5 |
| 72 | MP5A | Mx | .003 | 2.5 |
| 73 | MP5A | X | -6.489 | 7.5 |
| 74 | MP5A | Z | -3.747 | 7.5 |
| 75 | MP5A | Mx | .003 | 7.5 |
| 76 | MP5B | X | -8.643 | 2.5 |
| 77 | MP5B | Z | -4.99 | 2.5 |
| 78 | MP5B | Mx | -.000435 | 2.5 |
| 79 | MP5B | X | -8.643 | 7.5 |
| 80 | MP5B | Z | -4.99 | 7.5 |
| 81 | MP5B | Mx | -.000435 | 7.5 |
| 82 | MP5C | X | -7.466 | 2.5 |
| 83 | MP5C | Z | -4.311 | 2.5 |
| 84 | MP5C | Mx | -.003 | 2.5 |
| 85 | MP5C | X | -7.466 | 7.5 |
| 86 | MP5C | Z | -4.311 | 7.5 |
| 87 | MP5C | Mx | -.003 | 7.5 |
| 88 | MP3B | X | -.67 | 3.5 |
| 89 | MP3B | Z | -.387 | 3.5 |
| 90 | MP3B | Mx | .000132 | 3.5 |
| 91 | MP3A | X | -2.304 | 3 |
| 92 | MP3A | Z | -1.33 | 3 |
| 93 | MP3A | Mx | .001 | 3 |
| 94 | MP3B | X | -3.323 | 1 |
| 95 | MP3B | Z | -1.918 | 1 |
| 96 | MP3B | Mx | -.000656 | 1 |
| 97 | MP3C | X | -2.846 | 3 |
| 98 | MP3C | Z | -1.643 | 3 |
| 99 | MP3C | Mx | -.001 | 3 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | MP1A | X | -2.16 | 3.75 |
| 2 | MP1A | Z | -3.741 | 3.75 |
| 3 | MP1A | Mx | .001 | 3.75 |
| 4 | MP1A | X | -2.16 | 5 |
| 5 | MP1A | Z | -3.741 | 5 |
| 6 | MP1A | Mx | .001 | 5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 7 | MP1B | X | -2.501 | 3.75 |
| 8 | MP1B | Z | -4.331 | 3.75 |
| 9 | MP1B | Mx | .000434 | 3.75 |
| 10 | MP1B | X | -2.501 | 5 |
| 11 | MP1B | Z | -4.331 | 5 |
| 12 | MP1B | Mx | .000434 | 5 |
| 13 | MP1C | X | -1.179 | 3.75 |
| 14 | MP1C | Z | -2.041 | 3.75 |
| 15 | MP1C | Mx | -.001 | 3.75 |
| 16 | MP1C | X | -1.179 | 5 |
| 17 | MP1C | Z | -2.041 | 5 |
| 18 | MP1C | Mx | -.001 | 5 |
| 19 | MP3A | X | -.37 | 1 |
| 20 | MP3A | Z | -.641 | 1 |
| 21 | MP3A | Mx | -.000185 | 1 |
| 22 | MP3C | X | -.292 | 1 |
| 23 | MP3C | Z | -.506 | 1 |
| 24 | MP3C | Mx | .000275 | 1 |
| 25 | MP2A | X | -1.859 | 5 |
| 26 | MP2A | Z | -3.22 | 5 |
| 27 | MP2A | Mx | -.00093 | 5 |
| 28 | MP2B | X | -2.007 | 5 |
| 29 | MP2B | Z | -3.476 | 5 |
| 30 | MP2B | Mx | -.000348 | 5 |
| 31 | MP2C | X | -1.434 | 5 |
| 32 | MP2C | Z | -2.483 | 5 |
| 33 | MP2C | Mx | .001 | 5 |
| 34 | MP3A | X | -4.514 | .5 |
| 35 | MP3A | Z | -7.819 | .5 |
| 36 | MP3A | Mx | -.002 | .5 |
| 37 | MP3A | X | -4.514 | 5.5 |
| 38 | MP3A | Z | -7.819 | 5.5 |
| 39 | MP3A | Mx | -.002 | 5.5 |
| 40 | MP3C | X | -3.441 | .5 |
| 41 | MP3C | Z | -5.96 | .5 |
| 42 | MP3C | Mx | -.005 | .5 |
| 43 | MP3C | X | -3.441 | 5.5 |
| 44 | MP3C | Z | -5.96 | 5.5 |
| 45 | MP3C | Mx | -.005 | 5.5 |
| 46 | MP3A | X | -4.514 | .5 |
| 47 | MP3A | Z | -7.819 | .5 |
| 48 | MP3A | Mx | .007 | .5 |
| 49 | MP3A | X | -4.514 | 5.5 |
| 50 | MP3A | Z | -7.819 | 5.5 |
| 51 | MP3A | Mx | .007 | 5.5 |
| 52 | MP3C | X | -3.441 | .5 |
| 53 | MP3C | Z | -5.96 | .5 |
| 54 | MP3C | Mx | -.002 | .5 |
| 55 | MP3C | X | -3.441 | 5.5 |
| 56 | MP3C | Z | -5.96 | 5.5 |
| 57 | MP3C | Mx | -.002 | 5.5 |
| 58 | MP3B | X | -4.887 | .5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 59 | MP3B | Z | -8.464 | .5 |
| 60 | MP3B | Mx | .006 | .5 |
| 61 | MP3B | X | -4.887 | 5.5 |
| 62 | MP3B | Z | -8.464 | 5.5 |
| 63 | MP3B | Mx | .006 | 5.5 |
| 64 | MP3B | X | -4.887 | .5 |
| 65 | MP3B | Z | -8.464 | .5 |
| 66 | MP3B | Mx | -.005 | .5 |
| 67 | MP3B | X | -4.887 | 5.5 |
| 68 | MP3B | Z | -8.464 | 5.5 |
| 69 | MP3B | Mx | -.005 | 5.5 |
| 70 | MP5A | X | -4.584 | 2.5 |
| 71 | MP5A | Z | -7.94 | 2.5 |
| 72 | MP5A | Mx | .002 | 2.5 |
| 73 | MP5A | X | -4.584 | 7.5 |
| 74 | MP5A | Z | -7.94 | 7.5 |
| 75 | MP5A | Mx | .002 | 7.5 |
| 76 | MP5B | X | -4.704 | 2.5 |
| 77 | MP5B | Z | -8.147 | 2.5 |
| 78 | MP5B | Mx | .002 | 2.5 |
| 79 | MP5B | X | -4.704 | 7.5 |
| 80 | MP5B | Z | -8.147 | 7.5 |
| 81 | MP5B | Mx | .002 | 7.5 |
| 82 | MP5C | X | -3.524 | 2.5 |
| 83 | MP5C | Z | -6.104 | 2.5 |
| 84 | MP5C | Mx | -.003 | 2.5 |
| 85 | MP5C | X | -3.524 | 7.5 |
| 86 | MP5C | Z | -6.104 | 7.5 |
| 87 | MP5C | Mx | -.003 | 7.5 |
| 88 | MP3B | X | -.397 | 3.5 |
| 89 | MP3B | Z | -.688 | 3.5 |
| 90 | MP3B | Mx | -6.9e-5 | 3.5 |
| 91 | MP3A | X | -1.795 | 3 |
| 92 | MP3A | Z | -3.109 | 3 |
| 93 | MP3A | Mx | .000898 | 3 |
| 94 | MP3B | X | -1.999 | 1 |
| 95 | MP3B | Z | -3.463 | 1 |
| 96 | MP3B | Mx | .000347 | 1 |
| 97 | MP3C | X | -1.206 | 3 |
| 98 | MP3C | Z | -2.089 | 3 |
| 99 | MP3C | Mx | -.001 | 3 |

## Member Point Loads (BLC 77 : Lm1)

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | LIVE1 | Y | -500 | 0 |

## Member Point Loads (BLC 78 : Lm2)

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|---|---|---|---|
| 1 | LIVE2 | Y | -500 | 0 |

## Member Point Loads (BLC 79 : Lv1)

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

## Member Point Loads (BLC 80 : Lv2)

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

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | Y | -6.652 | -6.652 | 0 | %100 |
| 2 | M2 | Y | -6.652 | -6.652 | 0 | %100 |
| 3 | M3 | Y | -6.652 | -6.652 | 0 | %100 |
| 4 | M4 | Y | -6.652 | -6.652 | 0 | %100 |
| 5 | M5 | Y | -5.025 | -5.025 | 0 | %100 |
| 6 | M6 | Y | -5.025 | -5.025 | 0 | %100 |
| 7 | M7 | Y | -5.025 | -5.025 | 0 | %100 |
| 8 | M8 | Y | -5.025 | -5.025 | 0 | %100 |
| 9 | M13 | Y | -5.025 | -5.025 | 0 | %100 |
| 10 | M14 | Y | -5.025 | -5.025 | 0 | %100 |
| 11 | M16 | Y | -5.243 | -5.243 | 0 | %100 |
| 12 | M17 | Y | -5.243 | -5.243 | 0 | %100 |
| 13 | M18 | Y | -5.243 | -5.243 | 0 | %100 |
| 14 | M19 | Y | -5.243 | -5.243 | 0 | %100 |
| 15 | M20 | Y | -5.243 | -5.243 | 0 | %100 |
| 16 | M21 | Y | -5.243 | -5.243 | 0 | %100 |
| 17 | M24 | Y | -5.243 | -5.243 | 0 | %100 |
| 18 | M25 | Y | -5.243 | -5.243 | 0 | %100 |
| 19 | M26 | Y | -5.243 | -5.243 | 0 | %100 |
| 20 | M27 | Y | -5.243 | -5.243 | 0 | %100 |
| 21 | M28 | Y | -5.243 | -5.243 | 0 | %100 |
| 22 | M29 | Y | -5.243 | -5.243 | 0 | %100 |
| 23 | M32 | Y | -4.01 | -4.01 | 0 | %100 |
| 24 | M33 | Y | -4.01 | -4.01 | 0 | %100 |
| 25 | M34 | Y | -4.01 | -4.01 | 0 | %100 |
| 26 | M35 | Y | -4.01 | -4.01 | 0 | %100 |
| 27 | M36 | Y | -4.01 | -4.01 | 0 | %100 |
| 28 | M37 | Y | -4.01 | -4.01 | 0 | %100 |
| 29 | M38 | Y | -4.01 | -4.01 | 0 | %100 |
| 30 | M39 | Y | -4.01 | -4.01 | 0 | %100 |
| 31 | M40 | Y | -4.01 | -4.01 | 0 | %100 |
| 32 | M41 | Y | -4.01 | -4.01 | 0 | %100 |
| 33 | M41A | Y | -5.736 | -5.736 | 0 | %100 |
| 34 | FACE | Y | -5.736 | -5.736 | 0 | %100 |
| 35 | MP1A | Y | -5.025 | -5.025 | 0 | %100 |
| 36 | MP2A | Y | -5.025 | -5.025 | 0 | %100 |
| 37 | MP3A | Y | -5.025 | -5.025 | 0 | %100 |
| 38 | MP4A | Y | -5.025 | -5.025 | 0 | %100 |
| 39 | MP5A | Y | -5.025 | -5.025 | 0 | %100 |
| 40 | M58 | Y | -5.736 | -5.736 | 0 | %100 |
| 41 | M59 | Y | -6.652 | -6.652 | 0 | %100 |
| 42 | M60 | Y | -6.652 | -6.652 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 43 | M61 | Y | -6.652 | -6.652 | 0 | %100 |
| 44 | M62 | Y | -6.652 | -6.652 | 0 | %100 |
| 45 | M63 | Y | -5.025 | -5.025 | 0 | %100 |
| 46 | M64 | Y | -5.025 | -5.025 | 0 | %100 |
| 47 | M65 | Y | -5.025 | -5.025 | 0 | %100 |
| 48 | M66 | Y | -5.025 | -5.025 | 0 | %100 |
| 49 | M71 | Y | -5.025 | -5.025 | 0 | %100 |
| 50 | M72 | Y | -5.025 | -5.025 | 0 | %100 |
| 51 | M73 | Y | -5.243 | -5.243 | 0 | %100 |
| 52 | M74 | Y | -5.243 | -5.243 | 0 | %100 |
| 53 | M75 | Y | -5.243 | -5.243 | 0 | %100 |
| 54 | M76 | Y | -5.243 | -5.243 | 0 | %100 |
| 55 | M77 | Y | -5.243 | -5.243 | 0 | %100 |
| 56 | M78 | Y | -5.243 | -5.243 | 0 | %100 |
| 57 | M79 | Y | -5.243 | -5.243 | 0 | %100 |
| 58 | M80 | Y | -5.243 | -5.243 | 0 | %100 |
| 59 | M81 | Y | -5.243 | -5.243 | 0 | %100 |
| 60 | M82 | Y | -5.243 | -5.243 | 0 | %100 |
| 61 | M83 | Y | -5.243 | -5.243 | 0 | %100 |
| 62 | M84 | Y | -5.243 | -5.243 | 0 | %100 |
| 63 | M85 | Y | -4.01 | -4.01 | 0 | %100 |
| 64 | M86 | Y | -4.01 | -4.01 | 0 | %100 |
| 65 | M87 | Y | -4.01 | -4.01 | 0 | %100 |
| 66 | M88 | Y | -4.01 | -4.01 | 0 | %100 |
| 67 | M89 | Y | -4.01 | -4.01 | 0 | %100 |
| 68 | M90 | Y | -4.01 | -4.01 | 0 | %100 |
| 69 | M91 | Y | -4.01 | -4.01 | 0 | %100 |
| 70 | M92 | Y | -4.01 | -4.01 | 0 | %100 |
| 71 | M93 | Y | -4.01 | -4.01 | 0 | %100 |
| 72 | M94 | Y | -4.01 | -4.01 | 0 | %100 |
| 73 | M99 | Y | -5.736 | -5.736 | 0 | %100 |
| 74 | M100 | Y | -5.736 | -5.736 | 0 | %100 |
| 75 | MP1C | Y | -5.025 | -5.025 | 0 | %100 |
| 76 | MP2C | Y | -5.025 | -5.025 | 0 | %100 |
| 77 | MP3C | Y | -5.025 | -5.025 | 0 | %100 |
| 78 | MP4C | Y | -5.025 | -5.025 | 0 | %100 |
| 79 | MP5C | Y | -5.025 | -5.025 | 0 | %100 |
| 80 | M116 | Y | -5.736 | -5.736 | 0 | %100 |
| 81 | M117 | Y | -6.652 | -6.652 | 0 | %100 |
| 82 | M118 | Y | -6.652 | -6.652 | 0 | %100 |
| 83 | M119 | Y | -6.652 | -6.652 | 0 | %100 |
| 84 | M120 | Y | -6.652 | -6.652 | 0 | %100 |
| 85 | M121 | Y | -5.025 | -5.025 | 0 | %100 |
| 86 | M122 | Y | -5.025 | -5.025 | 0 | %100 |
| 87 | M123 | Y | -5.025 | -5.025 | 0 | %100 |
| 88 | M124 | Y | -5.025 | -5.025 | 0 | %100 |
| 89 | M129 | Y | -5.025 | -5.025 | 0 | %100 |
| 90 | M130 | Y | -5.025 | -5.025 | 0 | %100 |
| 91 | M131 | Y | -5.243 | -5.243 | 0 | %100 |
| 92 | M132 | Y | -5.243 | -5.243 | 0 | %100 |
| 93 | M133 | Y | -5.243 | -5.243 | 0 | %100 |
| 94 | M134 | Y | -5.243 | -5.243 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 95 | M135 | Y | -5.243 | -5.243 | 0 | %100 |
| 96 | M136 | Y | -5.243 | -5.243 | 0 | %100 |
| 97 | M137 | Y | -5.243 | -5.243 | 0 | %100 |
| 98 | M138 | Y | -5.243 | -5.243 | 0 | %100 |
| 99 | M139 | Y | -5.243 | -5.243 | 0 | %100 |
| 100 | M140 | Y | -5.243 | -5.243 | 0 | %100 |
| 101 | M141 | Y | -5.243 | -5.243 | 0 | %100 |
| 102 | M142 | Y | -5.243 | -5.243 | 0 | %100 |
| 103 | M143 | Y | -4.01 | -4.01 | 0 | %100 |
| 104 | M144 | Y | -4.01 | -4.01 | 0 | %100 |
| 105 | M145 | Y | -4.01 | -4.01 | 0 | %100 |
| 106 | M146 | Y | -4.01 | -4.01 | 0 | %100 |
| 107 | M147 | Y | -4.01 | -4.01 | 0 | %100 |
| 108 | M148 | Y | -4.01 | -4.01 | 0 | %100 |
| 109 | M149 | Y | -4.01 | -4.01 | 0 | %100 |
| 110 | M150 | Y | -4.01 | -4.01 | 0 | %100 |
| 111 | M151 | Y | -4.01 | -4.01 | 0 | %100 |
| 112 | M152 | Y | -4.01 | -4.01 | 0 | %100 |
| 113 | M157 | Y | -5.736 | -5.736 | 0 | %100 |
| 114 | M158 | Y | -5.736 | -5.736 | 0 | %100 |
| 115 | MP1B | Y | -5.025 | -5.025 | 0 | %100 |
| 116 | MP2B | Y | -5.025 | -5.025 | 0 | %100 |
| 117 | MP3B | Y | -5.025 | -5.025 | 0 | %100 |
| 118 | MP4B | Y | -5.025 | -5.025 | 0 | %100 |
| 119 | MP5B | Y | -5.025 | -5.025 | 0 | %100 |
| 120 | M174 | Y | -5.736 | -5.736 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | 0 | 0 | 0 | %100 |
| 2 | M1 | Z | 0 | 0 | 0 | %100 |
| 3 | M2 | X | 0 | 0 | 0 | %100 |
| 4 | M2 | Z | 0 | 0 | 0 | %100 |
| 5 | M3 | X | 0 | 0 | 0 | %100 |
| 6 | M3 | Z | 0 | 0 | 0 | %100 |
| 7 | M4 | X | 0 | 0 | 0 | %100 |
| 8 | M4 | Z | 0 | 0 | 0 | %100 |
| 9 | M5 | X | 0 | 0 | 0 | %100 |
| 10 | M5 | Z | 0 | 0 | 0 | %100 |
| 11 | M6 | X | 0 | 0 | 0 | %100 |
| 12 | M6 | Z | 0 | 0 | 0 | %100 |
| 13 | M7 | X | 0 | 0 | 0 | %100 |
| 14 | M7 | Z | 0 | 0 | 0 | %100 |
| 15 | M8 | X | 0 | 0 | 0 | %100 |
| 16 | M8 | Z | 0 | 0 | 0 | %100 |
| 17 | M13 | X | 0 | 0 | 0 | %100 |
| 18 | M13 | Z | -9.083 | -9.083 | 0 | %100 |
| 19 | M14 | X | 0 | 0 | 0 | %100 |
| 20 | M14 | Z | -9.083 | -9.083 | 0 | %100 |
| 21 | M16 | X | 0 | 0 | 0 | %100 |
| 22 | M16 | Z | -1.434 | -1.434 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 23 | M17 | X | 0 | 0 | 0 | %100 |
| 24 | M17 | Z | -1.434 | -1.434 | 0 | %100 |
| 25 | M18 | X | 0 | 0 | 0 | %100 |
| 26 | M18 | Z | -1.434 | -1.434 | 0 | %100 |
| 27 | M19 | X | 0 | 0 | 0 | %100 |
| 28 | M19 | Z | -1.434 | -1.434 | 0 | %100 |
| 29 | M20 | X | 0 | 0 | 0 | %100 |
| 30 | M20 | Z | -1.434 | -1.434 | 0 | %100 |
| 31 | M21 | X | 0 | 0 | 0 | %100 |
| 32 | M21 | Z | -1.434 | -1.434 | 0 | %100 |
| 33 | M24 | X | 0 | 0 | 0 | %100 |
| 34 | M24 | Z | -1.434 | -1.434 | 0 | %100 |
| 35 | M25 | X | 0 | 0 | 0 | %100 |
| 36 | M25 | Z | -1.434 | -1.434 | 0 | %100 |
| 37 | M26 | X | 0 | 0 | 0 | %100 |
| 38 | M26 | Z | -1.434 | -1.434 | 0 | %100 |
| 39 | M27 | X | 0 | 0 | 0 | %100 |
| 40 | M27 | Z | -1.434 | -1.434 | 0 | %100 |
| 41 | M28 | X | 0 | 0 | 0 | %100 |
| 42 | M28 | Z | -1.434 | -1.434 | 0 | %100 |
| 43 | M29 | X | 0 | 0 | 0 | %100 |
| 44 | M29 | Z | -1.434 | -1.434 | 0 | %100 |
| 45 | M32 | X | 0 | 0 | 0 | %100 |
| 46 | M32 | Z | -5.817 | -5.817 | 0 | %100 |
| 47 | M33 | X | 0 | 0 | 0 | %100 |
| 48 | M33 | Z | -5.817 | -5.817 | 0 | %100 |
| 49 | M34 | X | 0 | 0 | 0 | %100 |
| 50 | M34 | Z | -5.817 | -5.817 | 0 | %100 |
| 51 | M35 | X | 0 | 0 | 0 | %100 |
| 52 | M35 | Z | -3.622 | -3.622 | 0 | %100 |
| 53 | M36 | X | 0 | 0 | 0 | %100 |
| 54 | M36 | Z | -3.783 | -3.783 | 0 | %100 |
| 55 | M37 | X | 0 | 0 | 0 | %100 |
| 56 | M37 | Z | -5.817 | -5.817 | 0 | %100 |
| 57 | M38 | X | 0 | 0 | 0 | %100 |
| 58 | M38 | Z | -5.817 | -5.817 | 0 | %100 |
| 59 | M39 | X | 0 | 0 | 0 | %100 |
| 60 | M39 | Z | -5.817 | -5.817 | 0 | %100 |
| 61 | M40 | X | 0 | 0 | 0 | %100 |
| 62 | M40 | Z | -3.622 | -3.622 | 0 | %100 |
| 63 | M41 | X | 0 | 0 | 0 | %100 |
| 64 | M41 | Z | -3.783 | -3.783 | 0 | %100 |
| 65 | M41A | X | 0 | 0 | 0 | %100 |
| 66 | M41A | Z | -10.995 | -10.995 | 0 | %100 |
| 67 | FACE | X | 0 | 0 | 0 | %100 |
| 68 | FACE | Z | -10.995 | -10.995 | 0 | %100 |
| 69 | MP1A | X | 0 | 0 | 0 | %100 |
| 70 | MP1A | Z | -9.083 | -9.083 | 0 | %100 |
| 71 | MP2A | X | 0 | 0 | 0 | %100 |
| 72 | MP2A | Z | -9.083 | -9.083 | 0 | %100 |
| 73 | MP3A | X | 0 | 0 | 0 | %100 |
| 74 | MP3A | Z | -9.083 | -9.083 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 75 | MP4A | X | 0 | 0 | 0 | %100 |
| 76 | MP4A | Z | -9.083 | -9.083 | 0 | %100 |
| 77 | MP5A | X | 0 | 0 | 0 | %100 |
| 78 | MP5A | Z | -9.083 | -9.083 | 0 | %100 |
| 79 | M58 | X | 0 | 0 | 0 | %100 |
| 80 | M58 | Z | -7.412 | -7.412 | 0 | %100 |
| 81 | M59 | X | 0 | 0 | 0 | %100 |
| 82 | M59 | Z | -1.076 | -1.076 | 0 | %100 |
| 83 | M60 | X | 0 | 0 | 0 | %100 |
| 84 | M60 | Z | -1.076 | -1.076 | 0 | %100 |
| 85 | M61 | X | 0 | 0 | 0 | %100 |
| 86 | M61 | Z | -1.076 | -1.076 | 0 | %100 |
| 87 | M62 | X | 0 | 0 | 0 | %100 |
| 88 | M62 | Z | -1.076 | -1.076 | 0 | %100 |
| 89 | M63 | X | 0 | 0 | 0 | %100 |
| 90 | M63 | Z | -6.812 | -6.812 | 0 | %100 |
| 91 | M64 | X | 0 | 0 | 0 | %100 |
| 92 | M64 | Z | -6.812 | -6.812 | 0 | %100 |
| 93 | M65 | X | 0 | 0 | 0 | %100 |
| 94 | M65 | Z | -6.812 | -6.812 | 0 | %100 |
| 95 | M66 | X | 0 | 0 | 0 | %100 |
| 96 | M66 | Z | -6.812 | -6.812 | 0 | %100 |
| 97 | M71 | X | 0 | 0 | 0 | %100 |
| 98 | M71 | Z | -9.083 | -9.083 | 0 | %100 |
| 99 | M72 | X | 0 | 0 | 0 | %100 |
| 100 | M72 | Z | -9.083 | -9.083 | 0 | %100 |
| 101 | M73 | X | 0 | 0 | 0 | %100 |
| 102 | M73 | Z | -1.434 | -1.434 | 0 | %100 |
| 103 | M74 | X | 0 | 0 | 0 | %100 |
| 104 | M74 | Z | -1.434 | -1.434 | 0 | %100 |
| 105 | M75 | X | 0 | 0 | 0 | %100 |
| 106 | M75 | Z | -1.434 | -1.434 | 0 | %100 |
| 107 | M76 | X | 0 | 0 | 0 | %100 |
| 108 | M76 | Z | -1.434 | -1.434 | 0 | %100 |
| 109 | M77 | X | 0 | 0 | 0 | %100 |
| 110 | M77 | Z | -1.434 | -1.434 | 0 | %100 |
| 111 | M78 | X | 0 | 0 | 0 | %100 |
| 112 | M78 | Z | -1.434 | -1.434 | 0 | %100 |
| 113 | M79 | X | 0 | 0 | 0 | %100 |
| 114 | M79 | Z | -1.434 | -1.434 | 0 | %100 |
| 115 | M80 | X | 0 | 0 | 0 | %100 |
| 116 | M80 | Z | -1.434 | -1.434 | 0 | %100 |
| 117 | M81 | X | 0 | 0 | 0 | %100 |
| 118 | M81 | Z | -1.434 | -1.434 | 0 | %100 |
| 119 | M82 | X | 0 | 0 | 0 | %100 |
| 120 | M82 | Z | -1.434 | -1.434 | 0 | %100 |
| 121 | M83 | X | 0 | 0 | 0 | %100 |
| 122 | M83 | Z | -1.434 | -1.434 | 0 | %100 |
| 123 | M84 | X | 0 | 0 | 0 | %100 |
| 124 | M84 | Z | -1.434 | -1.434 | 0 | %100 |
| 125 | M85 | X | 0 | 0 | 0 | %100 |
| 126 | M85 | Z | -5.817 | -5.817 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 127 | M86 | X | 0 | 0 | 0 | %100 |
| 128 | M86 | Z | -5.817 | -5.817 | 0 | %100 |
| 129 | M87 | X | 0 | 0 | 0 | %100 |
| 130 | M87 | Z | -5.817 | -5.817 | 0 | %100 |
| 131 | M88 | X | 0 | 0 | 0 | %100 |
| 132 | M88 | Z | -5.667 | -5.667 | 0 | %100 |
| 133 | M89 | X | 0 | 0 | 0 | %100 |
| 134 | M89 | Z | -5.707 | -5.707 | 0 | %100 |
| 135 | M90 | X | 0 | 0 | 0 | %100 |
| 136 | M90 | Z | -5.817 | -5.817 | 0 | %100 |
| 137 | M91 | X | 0 | 0 | 0 | %100 |
| 138 | M91 | Z | -5.817 | -5.817 | 0 | %100 |
| 139 | M92 | X | 0 | 0 | 0 | %100 |
| 140 | M92 | Z | -5.817 | -5.817 | 0 | %100 |
| 141 | M93 | X | 0 | 0 | 0 | %100 |
| 142 | M93 | Z | -5.667 | -5.667 | 0 | %100 |
| 143 | M94 | X | 0 | 0 | 0 | %100 |
| 144 | M94 | Z | -5.707 | -5.707 | 0 | %100 |
| 145 | M99 | X | 0 | 0 | 0 | %100 |
| 146 | M99 | Z | -2.749 | -2.749 | 0 | %100 |
| 147 | M100 | X | 0 | 0 | 0 | %100 |
| 148 | M100 | Z | -2.749 | -2.749 | 0 | %100 |
| 149 | MP1C | X | 0 | 0 | 0 | %100 |
| 150 | MP1C | Z | -9.083 | -9.083 | 0 | %100 |
| 151 | MP2C | X | 0 | 0 | 0 | %100 |
| 152 | MP2C | Z | -9.083 | -9.083 | 0 | %100 |
| 153 | MP3C | X | 0 | 0 | 0 | %100 |
| 154 | MP3C | Z | -9.083 | -9.083 | 0 | %100 |
| 155 | MP4C | X | 0 | 0 | 0 | %100 |
| 156 | MP4C | Z | -9.083 | -9.083 | 0 | %100 |
| 157 | MP5C | X | 0 | 0 | 0 | %100 |
| 158 | MP5C | Z | -9.083 | -9.083 | 0 | %100 |
| 159 | M116 | X | 0 | 0 | 0 | %100 |
| 160 | M116 | Z | -8.272 | -8.272 | 0 | %100 |
| 161 | M117 | X | 0 | 0 | 0 | %100 |
| 162 | M117 | Z | -1.076 | -1.076 | 0 | %100 |
| 163 | M118 | X | 0 | 0 | 0 | %100 |
| 164 | M118 | Z | -1.076 | -1.076 | 0 | %100 |
| 165 | M119 | X | 0 | 0 | 0 | %100 |
| 166 | M119 | Z | -1.076 | -1.076 | 0 | %100 |
| 167 | M120 | X | 0 | 0 | 0 | %100 |
| 168 | M120 | Z | -1.076 | -1.076 | 0 | %100 |
| 169 | M121 | X | 0 | 0 | 0 | %100 |
| 170 | M121 | Z | -6.812 | -6.812 | 0 | %100 |
| 171 | M122 | X | 0 | 0 | 0 | %100 |
| 172 | M122 | Z | -6.812 | -6.812 | 0 | %100 |
| 173 | M123 | X | 0 | 0 | 0 | %100 |
| 174 | M123 | Z | -6.812 | -6.812 | 0 | %100 |
| 175 | M124 | X | 0 | 0 | 0 | %100 |
| 176 | M124 | Z | -6.812 | -6.812 | 0 | %100 |
| 177 | M129 | X | 0 | 0 | 0 | %100 |
| 178 | M129 | Z | -9.083 | -9.083 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 179 | M130 | X | 0 | 0 | 0 | %100 |
| 180 | M130 | Z | -9.083 | -9.083 | 0 | %100 |
| 181 | M131 | X | 0 | 0 | 0 | %100 |
| 182 | M131 | Z | -1.434 | -1.434 | 0 | %100 |
| 183 | M132 | X | 0 | 0 | 0 | %100 |
| 184 | M132 | Z | -1.434 | -1.434 | 0 | %100 |
| 185 | M133 | X | 0 | 0 | 0 | %100 |
| 186 | M133 | Z | -1.434 | -1.434 | 0 | %100 |
| 187 | M134 | X | 0 | 0 | 0 | %100 |
| 188 | M134 | Z | -1.434 | -1.434 | 0 | %100 |
| 189 | M135 | X | 0 | 0 | 0 | %100 |
| 190 | M135 | Z | -1.434 | -1.434 | 0 | %100 |
| 191 | M136 | X | 0 | 0 | 0 | %100 |
| 192 | M136 | Z | -1.434 | -1.434 | 0 | %100 |
| 193 | M137 | X | 0 | 0 | 0 | %100 |
| 194 | M137 | Z | -1.434 | -1.434 | 0 | %100 |
| 195 | M138 | X | 0 | 0 | 0 | %100 |
| 196 | M138 | Z | -1.434 | -1.434 | 0 | %100 |
| 197 | M139 | X | 0 | 0 | 0 | %100 |
| 198 | M139 | Z | -1.434 | -1.434 | 0 | %100 |
| 199 | M140 | X | 0 | 0 | 0 | %100 |
| 200 | M140 | Z | -1.434 | -1.434 | 0 | %100 |
| 201 | M141 | X | 0 | 0 | 0 | %100 |
| 202 | M141 | Z | -1.434 | -1.434 | 0 | %100 |
| 203 | M142 | X | 0 | 0 | 0 | %100 |
| 204 | M142 | Z | -1.434 | -1.434 | 0 | %100 |
| 205 | M143 | X | 0 | 0 | 0 | %100 |
| 206 | M143 | Z | -5.817 | -5.817 | 0 | %100 |
| 207 | M144 | X | 0 | 0 | 0 | %100 |
| 208 | M144 | Z | -5.817 | -5.817 | 0 | %100 |
| 209 | M145 | X | 0 | 0 | 0 | %100 |
| 210 | M145 | Z | -5.817 | -5.817 | 0 | %100 |
| 211 | M146 | X | 0 | 0 | 0 | %100 |
| 212 | M146 | Z | -5.667 | -5.667 | 0 | %100 |
| 213 | M147 | X | 0 | 0 | 0 | %100 |
| 214 | M147 | Z | -5.707 | -5.707 | 0 | %100 |
| 215 | M148 | X | 0 | 0 | 0 | %100 |
| 216 | M148 | Z | -5.817 | -5.817 | 0 | %100 |
| 217 | M149 | X | 0 | 0 | 0 | %100 |
| 218 | M149 | Z | -5.817 | -5.817 | 0 | %100 |
| 219 | M150 | X | 0 | 0 | 0 | %100 |
| 220 | M150 | Z | -5.817 | -5.817 | 0 | %100 |
| 221 | M151 | X | 0 | 0 | 0 | %100 |
| 222 | M151 | Z | -5.667 | -5.667 | 0 | %100 |
| 223 | M152 | X | 0 | 0 | 0 | %100 |
| 224 | M152 | Z | -5.707 | -5.707 | 0 | %100 |
| 225 | M157 | X | 0 | 0 | 0 | %100 |
| 226 | M157 | Z | -2.749 | -2.749 | 0 | %100 |
| 227 | M158 | X | 0 | 0 | 0 | %100 |
| 228 | M158 | Z | -2.749 | -2.749 | 0 | %100 |
| 229 | MP1B | X | 0 | 0 | 0 | %100 |
| 230 | MP1B | Z | -9.083 | -9.083 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 231 | MP2B | X | 0 | 0 | 0 | %100 |
| 232 | MP2B | Z | -9.083 | -9.083 | 0 | %100 |
| 233 | MP3B | X | 0 | 0 | 0 | %100 |
| 234 | MP3B | Z | -9.083 | -9.083 | 0 | %100 |
| 235 | MP4B | X | 0 | 0 | 0 | %100 |
| 236 | MP4B | Z | -9.083 | -9.083 | 0 | %100 |
| 237 | MP5B | X | 0 | 0 | 0 | %100 |
| 238 | MP5B | Z | -9.083 | -9.083 | 0 | %100 |
| 239 | M174 | X | 0 | 0 | 0 | %100 |
| 240 | M174 | Z | -.077 | -.077 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | .179 | .179 | 0 | %100 |
| 2 | M1 | Z | -.311 | -.311 | 0 | %100 |
| 3 | M2 | X | .179 | .179 | 0 | %100 |
| 4 | M2 | Z | -.311 | -.311 | 0 | %100 |
| 5 | M3 | X | .179 | .179 | 0 | %100 |
| 6 | M3 | Z | -.311 | -.311 | 0 | %100 |
| 7 | M4 | X | .179 | .179 | 0 | %100 |
| 8 | M4 | Z | -.311 | -.311 | 0 | %100 |
| 9 | M5 | X | 1.135 | 1.135 | 0 | %100 |
| 10 | M5 | Z | -1.967 | -1.967 | 0 | %100 |
| 11 | M6 | X | 1.135 | 1.135 | 0 | %100 |
| 12 | M6 | Z | -1.967 | -1.967 | 0 | %100 |
| 13 | M7 | X | 1.135 | 1.135 | 0 | %100 |
| 14 | M7 | Z | -1.967 | -1.967 | 0 | %100 |
| 15 | M8 | X | 1.135 | 1.135 | 0 | %100 |
| 16 | M8 | Z | -1.967 | -1.967 | 0 | %100 |
| 17 | M13 | X | 4.541 | 4.541 | 0 | %100 |
| 18 | M13 | Z | -7.866 | -7.866 | 0 | %100 |
| 19 | M14 | X | 4.541 | 4.541 | 0 | %100 |
| 20 | M14 | Z | -7.866 | -7.866 | 0 | %100 |
| 21 | M16 | X | 2.01 | 2.01 | 0 | %100 |
| 22 | M16 | Z | -3.481 | -3.481 | 0 | %100 |
| 23 | M17 | X | 2.01 | 2.01 | 0 | %100 |
| 24 | M17 | Z | -3.481 | -3.481 | 0 | %100 |
| 25 | M18 | X | 2.01 | 2.01 | 0 | %100 |
| 26 | M18 | Z | -3.481 | -3.481 | 0 | %100 |
| 27 | M19 | X | 2.01 | 2.01 | 0 | %100 |
| 28 | M19 | Z | -3.481 | -3.481 | 0 | %100 |
| 29 | M20 | X | 2.01 | 2.01 | 0 | %100 |
| 30 | M20 | Z | -3.481 | -3.481 | 0 | %100 |
| 31 | M21 | X | 2.01 | 2.01 | 0 | %100 |
| 32 | M21 | Z | -3.481 | -3.481 | 0 | %100 |
| 33 | M24 | X | 2.01 | 2.01 | 0 | %100 |
| 34 | M24 | Z | -3.481 | -3.481 | 0 | %100 |
| 35 | M25 | X | 2.01 | 2.01 | 0 | %100 |
| 36 | M25 | Z | -3.481 | -3.481 | 0 | %100 |
| 37 | M26 | X | 2.01 | 2.01 | 0 | %100 |
| 38 | M26 | Z | -3.481 | -3.481 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 39 | M27 | X | 2.01 | 2.01 | 0 | %100 |
| 40 | M27 | Z | -3.481 | -3.481 | 0 | %100 |
| 41 | M28 | X | 2.01 | 2.01 | 0 | %100 |
| 42 | M28 | Z | -3.481 | -3.481 | 0 | %100 |
| 43 | M29 | X | 2.01 | 2.01 | 0 | %100 |
| 44 | M29 | Z | -3.481 | -3.481 | 0 | %100 |
| 45 | M32 | X | 2.909 | 2.909 | 0 | %100 |
| 46 | M32 | Z | -5.038 | -5.038 | 0 | %100 |
| 47 | M33 | X | 2.909 | 2.909 | 0 | %100 |
| 48 | M33 | Z | -5.038 | -5.038 | 0 | %100 |
| 49 | M34 | X | 2.909 | 2.909 | 0 | %100 |
| 50 | M34 | Z | -5.038 | -5.038 | 0 | %100 |
| 51 | M35 | X | 2.152 | 2.152 | 0 | %100 |
| 52 | M35 | Z | -3.727 | -3.727 | 0 | %100 |
| 53 | M36 | X | 2.212 | 2.212 | 0 | %100 |
| 54 | M36 | Z | -3.832 | -3.832 | 0 | %100 |
| 55 | M37 | X | 2.909 | 2.909 | 0 | %100 |
| 56 | M37 | Z | -5.038 | -5.038 | 0 | %100 |
| 57 | M38 | X | 2.909 | 2.909 | 0 | %100 |
| 58 | M38 | Z | -5.038 | -5.038 | 0 | %100 |
| 59 | M39 | X | 2.909 | 2.909 | 0 | %100 |
| 60 | M39 | Z | -5.038 | -5.038 | 0 | %100 |
| 61 | M40 | X | 2.152 | 2.152 | 0 | %100 |
| 62 | M40 | Z | -3.727 | -3.727 | 0 | %100 |
| 63 | M41 | X | 2.212 | 2.212 | 0 | %100 |
| 64 | M41 | Z | -3.832 | -3.832 | 0 | %100 |
| 65 | M41A | X | 4.123 | 4.123 | 0 | %100 |
| 66 | M41A | Z | -7.142 | -7.142 | 0 | %100 |
| 67 | FACE | X | 4.123 | 4.123 | 0 | %100 |
| 68 | FACE | Z | -7.142 | -7.142 | 0 | %100 |
| 69 | MP1A | X | 4.541 | 4.541 | 0 | %100 |
| 70 | MP1A | Z | -7.866 | -7.866 | 0 | %100 |
| 71 | MP2A | X | 4.541 | 4.541 | 0 | %100 |
| 72 | MP2A | Z | -7.866 | -7.866 | 0 | %100 |
| 73 | MP3A | X | 4.541 | 4.541 | 0 | %100 |
| 74 | MP3A | Z | -7.866 | -7.866 | 0 | %100 |
| 75 | MP4A | X | 4.541 | 4.541 | 0 | %100 |
| 76 | MP4A | Z | -7.866 | -7.866 | 0 | %100 |
| 77 | MP5A | X | 4.541 | 4.541 | 0 | %100 |
| 78 | MP5A | Z | -7.866 | -7.866 | 0 | %100 |
| 79 | M58 | X | .996 | .996 | 0 | %100 |
| 80 | M58 | Z | -1.725 | -1.725 | 0 | %100 |
| 81 | M59 | X | .179 | .179 | 0 | %100 |
| 82 | M59 | Z | -.31 | -.31 | 0 | %100 |
| 83 | M60 | X | .179 | .179 | 0 | %100 |
| 84 | M60 | Z | -.31 | -.31 | 0 | %100 |
| 85 | M61 | X | .179 | .179 | 0 | %100 |
| 86 | M61 | Z | -.311 | -.311 | 0 | %100 |
| 87 | M62 | X | .179 | .179 | 0 | %100 |
| 88 | M62 | Z | -.311 | -.311 | 0 | %100 |
| 89 | M63 | X | 1.135 | 1.135 | 0 | %100 |
| 90 | M63 | Z | -1.967 | -1.967 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 91 | M64 | X | 1.135 | 1.135 | 0 | %100 |
| 92 | M64 | Z | -1.967 | -1.967 | 0 | %100 |
| 93 | M65 | X | 1.135 | 1.135 | 0 | %100 |
| 94 | M65 | Z | -1.967 | -1.967 | 0 | %100 |
| 95 | M66 | X | 1.135 | 1.135 | 0 | %100 |
| 96 | M66 | Z | -1.967 | -1.967 | 0 | %100 |
| 97 | M71 | X | 4.541 | 4.541 | 0 | %100 |
| 98 | M71 | Z | -7.866 | -7.866 | 0 | %100 |
| 99 | M72 | X | 4.541 | 4.541 | 0 | %100 |
| 100 | M72 | Z | -7.866 | -7.866 | 0 | %100 |
| 101 | M73 | X | 2.01 | 2.01 | 0 | %100 |
| 102 | M73 | Z | -3.481 | -3.481 | 0 | %100 |
| 103 | M74 | X | 2.01 | 2.01 | 0 | %100 |
| 104 | M74 | Z | -3.481 | -3.481 | 0 | %100 |
| 105 | M75 | X | 2.01 | 2.01 | 0 | %100 |
| 106 | M75 | Z | -3.481 | -3.481 | 0 | %100 |
| 107 | M76 | X | 2.01 | 2.01 | 0 | %100 |
| 108 | M76 | Z | -3.481 | -3.481 | 0 | %100 |
| 109 | M77 | X | 2.01 | 2.01 | 0 | %100 |
| 110 | M77 | Z | -3.481 | -3.481 | 0 | %100 |
| 111 | M78 | X | 2.01 | 2.01 | 0 | %100 |
| 112 | M78 | Z | -3.481 | -3.481 | 0 | %100 |
| 113 | M79 | X | 2.01 | 2.01 | 0 | %100 |
| 114 | M79 | Z | -3.481 | -3.481 | 0 | %100 |
| 115 | M80 | X | 2.01 | 2.01 | 0 | %100 |
| 116 | M80 | Z | -3.481 | -3.481 | 0 | %100 |
| 117 | M81 | X | 2.01 | 2.01 | 0 | %100 |
| 118 | M81 | Z | -3.481 | -3.481 | 0 | %100 |
| 119 | M82 | X | 2.01 | 2.01 | 0 | %100 |
| 120 | M82 | Z | -3.481 | -3.481 | 0 | %100 |
| 121 | M83 | X | 2.01 | 2.01 | 0 | %100 |
| 122 | M83 | Z | -3.481 | -3.481 | 0 | %100 |
| 123 | M84 | X | 2.01 | 2.01 | 0 | %100 |
| 124 | M84 | Z | -3.481 | -3.481 | 0 | %100 |
| 125 | M85 | X | 2.909 | 2.909 | 0 | %100 |
| 126 | M85 | Z | -5.038 | -5.038 | 0 | %100 |
| 127 | M86 | X | 2.909 | 2.909 | 0 | %100 |
| 128 | M86 | Z | -5.038 | -5.038 | 0 | %100 |
| 129 | M87 | X | 2.909 | 2.909 | 0 | %100 |
| 130 | M87 | Z | -5.038 | -5.038 | 0 | %100 |
| 131 | M88 | X | 2.152 | 2.152 | 0 | %100 |
| 132 | M88 | Z | -3.727 | -3.727 | 0 | %100 |
| 133 | M89 | X | 2.212 | 2.212 | 0 | %100 |
| 134 | M89 | Z | -3.832 | -3.832 | 0 | %100 |
| 135 | M90 | X | 2.909 | 2.909 | 0 | %100 |
| 136 | M90 | Z | -5.038 | -5.038 | 0 | %100 |
| 137 | M91 | X | 2.909 | 2.909 | 0 | %100 |
| 138 | M91 | Z | -5.038 | -5.038 | 0 | %100 |
| 139 | M92 | X | 2.909 | 2.909 | 0 | %100 |
| 140 | M92 | Z | -5.038 | -5.038 | 0 | %100 |
| 141 | M93 | X | 2.152 | 2.152 | 0 | %100 |
| 142 | M93 | Z | -3.727 | -3.727 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 143 | M94 | X | 2.212 | 2.212 | 0 | %100 |
| 144 | M94 | Z | -3.832 | -3.832 | 0 | %100 |
| 145 | M99 | X | 4.123 | 4.123 | 0 | %100 |
| 146 | M99 | Z | -7.142 | -7.142 | 0 | %100 |
| 147 | M100 | X | 4.123 | 4.123 | 0 | %100 |
| 148 | M100 | Z | -7.142 | -7.142 | 0 | %100 |
| 149 | MP1C | X | 4.541 | 4.541 | 0 | %100 |
| 150 | MP1C | Z | -7.866 | -7.866 | 0 | %100 |
| 151 | MP2C | X | 4.541 | 4.541 | 0 | %100 |
| 152 | MP2C | Z | -7.866 | -7.866 | 0 | %100 |
| 153 | MP3C | X | 4.541 | 4.541 | 0 | %100 |
| 154 | MP3C | Z | -7.866 | -7.866 | 0 | %100 |
| 155 | MP4C | X | 4.541 | 4.541 | 0 | %100 |
| 156 | MP4C | Z | -7.866 | -7.866 | 0 | %100 |
| 157 | MP5C | X | 4.541 | 4.541 | 0 | %100 |
| 158 | MP5C | Z | -7.866 | -7.866 | 0 | %100 |
| 159 | M116 | X | 5.498 | 5.498 | 0 | %100 |
| 160 | M116 | Z | -9.522 | -9.522 | 0 | %100 |
| 161 | M117 | X | .717 | .717 | 0 | %100 |
| 162 | M117 | Z | -1.242 | -1.242 | 0 | %100 |
| 163 | M118 | X | .717 | .717 | 0 | %100 |
| 164 | M118 | Z | -1.242 | -1.242 | 0 | %100 |
| 165 | M119 | X | .717 | .717 | 0 | %100 |
| 166 | M119 | Z | -1.242 | -1.242 | 0 | %100 |
| 167 | M120 | X | .717 | .717 | 0 | %100 |
| 168 | M120 | Z | -1.242 | -1.242 | 0 | %100 |
| 169 | M121 | X | 4.541 | 4.541 | 0 | %100 |
| 170 | M121 | Z | -7.866 | -7.866 | 0 | %100 |
| 171 | M122 | X | 4.541 | 4.541 | 0 | %100 |
| 172 | M122 | Z | -7.866 | -7.866 | 0 | %100 |
| 173 | M123 | X | 4.541 | 4.541 | 0 | %100 |
| 174 | M123 | Z | -7.866 | -7.866 | 0 | %100 |
| 175 | M124 | X | 4.541 | 4.541 | 0 | %100 |
| 176 | M124 | Z | -7.866 | -7.866 | 0 | %100 |
| 177 | M129 | X | 4.541 | 4.541 | 0 | %100 |
| 178 | M129 | Z | -7.866 | -7.866 | 0 | %100 |
| 179 | M130 | X | 4.541 | 4.541 | 0 | %100 |
| 180 | M130 | Z | -7.866 | -7.866 | 0 | %100 |
| 181 | M131 | X | 2.01 | 2.01 | 0 | %100 |
| 182 | M131 | Z | -3.481 | -3.481 | 0 | %100 |
| 183 | M132 | X | 2.01 | 2.01 | 0 | %100 |
| 184 | M132 | Z | -3.481 | -3.481 | 0 | %100 |
| 185 | M133 | X | 2.01 | 2.01 | 0 | %100 |
| 186 | M133 | Z | -3.481 | -3.481 | 0 | %100 |
| 187 | M134 | X | 2.01 | 2.01 | 0 | %100 |
| 188 | M134 | Z | -3.481 | -3.481 | 0 | %100 |
| 189 | M135 | X | 2.01 | 2.01 | 0 | %100 |
| 190 | M135 | Z | -3.481 | -3.481 | 0 | %100 |
| 191 | M136 | X | 2.01 | 2.01 | 0 | %100 |
| 192 | M136 | Z | -3.481 | -3.481 | 0 | %100 |
| 193 | M137 | X | 2.01 | 2.01 | 0 | %100 |
| 194 | M137 | Z | -3.481 | -3.481 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 195 | M138 | X | 2.01 | 2.01 | 0 | %100 |
| 196 | M138 | Z | -3.481 | -3.481 | 0 | %100 |
| 197 | M139 | X | 2.01 | 2.01 | 0 | %100 |
| 198 | M139 | Z | -3.481 | -3.481 | 0 | %100 |
| 199 | M140 | X | 2.01 | 2.01 | 0 | %100 |
| 200 | M140 | Z | -3.481 | -3.481 | 0 | %100 |
| 201 | M141 | X | 2.01 | 2.01 | 0 | %100 |
| 202 | M141 | Z | -3.481 | -3.481 | 0 | %100 |
| 203 | M142 | X | 2.01 | 2.01 | 0 | %100 |
| 204 | M142 | Z | -3.481 | -3.481 | 0 | %100 |
| 205 | M143 | X | 2.909 | 2.909 | 0 | %100 |
| 206 | M143 | Z | -5.038 | -5.038 | 0 | %100 |
| 207 | M144 | X | 2.909 | 2.909 | 0 | %100 |
| 208 | M144 | Z | -5.038 | -5.038 | 0 | %100 |
| 209 | M145 | X | 2.909 | 2.909 | 0 | %100 |
| 210 | M145 | Z | -5.038 | -5.038 | 0 | %100 |
| 211 | M146 | X | 3.174 | 3.174 | 0 | %100 |
| 212 | M146 | Z | -5.498 | -5.498 | 0 | %100 |
| 213 | M147 | X | 3.174 | 3.174 | 0 | %100 |
| 214 | M147 | Z | -5.498 | -5.498 | 0 | %100 |
| 215 | M148 | X | 2.909 | 2.909 | 0 | %100 |
| 216 | M148 | Z | -5.038 | -5.038 | 0 | %100 |
| 217 | M149 | X | 2.909 | 2.909 | 0 | %100 |
| 218 | M149 | Z | -5.038 | -5.038 | 0 | %100 |
| 219 | M150 | X | 2.909 | 2.909 | 0 | %100 |
| 220 | M150 | Z | -5.038 | -5.038 | 0 | %100 |
| 221 | M151 | X | 3.174 | 3.174 | 0 | %100 |
| 222 | M151 | Z | -5.498 | -5.498 | 0 | %100 |
| 223 | M152 | X | 3.174 | 3.174 | 0 | %100 |
| 224 | M152 | Z | -5.498 | -5.498 | 0 | %100 |
| 225 | M157 | X | 0 | 0 | 0 | %100 |
| 226 | M157 | Z | 0 | 0 | 0 | %100 |
| 227 | M158 | X | 0 | 0 | 0 | %100 |
| 228 | M158 | Z | 0 | 0 | 0 | %100 |
| 229 | MP1B | X | 4.541 | 4.541 | 0 | %100 |
| 230 | MP1B | Z | -7.866 | -7.866 | 0 | %100 |
| 231 | MP2B | X | 4.541 | 4.541 | 0 | %100 |
| 232 | MP2B | Z | -7.866 | -7.866 | 0 | %100 |
| 233 | MP3B | X | 4.541 | 4.541 | 0 | %100 |
| 234 | MP3B | Z | -7.866 | -7.866 | 0 | %100 |
| 235 | MP4B | X | 4.541 | 4.541 | 0 | %100 |
| 236 | MP4B | Z | -7.866 | -7.866 | 0 | %100 |
| 237 | MP5B | X | 4.541 | 4.541 | 0 | %100 |
| 238 | MP5B | Z | -7.866 | -7.866 | 0 | %100 |
| 239 | M174 | X | 1.791 | 1.791 | 0 | %100 |
| 240 | M174 | Z | -3.103 | -3.103 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | .932 | .932 | 0 | %100 |
| 2 | M1 | Z | -.538 | -.538 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 3 | M2 | X | .932 | .932 | 0 | %100 |
| 4 | M2 | Z | -.538 | -.538 | 0 | %100 |
| 5 | M3 | X | .932 | .932 | 0 | %100 |
| 6 | M3 | Z | -.538 | -.538 | 0 | %100 |
| 7 | M4 | X | .932 | .932 | 0 | %100 |
| 8 | M4 | Z | -.538 | -.538 | 0 | %100 |
| 9 | M5 | X | 5.9 | 5.9 | 0 | %100 |
| 10 | M5 | Z | -3.406 | -3.406 | 0 | %100 |
| 11 | M6 | X | 5.9 | 5.9 | 0 | %100 |
| 12 | M6 | Z | -3.406 | -3.406 | 0 | %100 |
| 13 | M7 | X | 5.9 | 5.9 | 0 | %100 |
| 14 | M7 | Z | -3.406 | -3.406 | 0 | %100 |
| 15 | M8 | X | 5.9 | 5.9 | 0 | %100 |
| 16 | M8 | Z | -3.406 | -3.406 | 0 | %100 |
| 17 | M13 | X | 7.866 | 7.866 | 0 | %100 |
| 18 | M13 | Z | -4.541 | -4.541 | 0 | %100 |
| 19 | M14 | X | 7.866 | 7.866 | 0 | %100 |
| 20 | M14 | Z | -4.541 | -4.541 | 0 | %100 |
| 21 | M16 | X | 7.958 | 7.958 | 0 | %100 |
| 22 | M16 | Z | -4.595 | -4.595 | 0 | %100 |
| 23 | M17 | X | 7.958 | 7.958 | 0 | %100 |
| 24 | M17 | Z | -4.595 | -4.595 | 0 | %100 |
| 25 | M18 | X | 7.958 | 7.958 | 0 | %100 |
| 26 | M18 | Z | -4.595 | -4.595 | 0 | %100 |
| 27 | M19 | X | 7.958 | 7.958 | 0 | %100 |
| 28 | M19 | Z | -4.595 | -4.595 | 0 | %100 |
| 29 | M20 | X | 7.958 | 7.958 | 0 | %100 |
| 30 | M20 | Z | -4.595 | -4.595 | 0 | %100 |
| 31 | M21 | X | 7.958 | 7.958 | 0 | %100 |
| 32 | M21 | Z | -4.595 | -4.595 | 0 | %100 |
| 33 | M24 | X | 7.958 | 7.958 | 0 | %100 |
| 34 | M24 | Z | -4.595 | -4.595 | 0 | %100 |
| 35 | M25 | X | 7.958 | 7.958 | 0 | %100 |
| 36 | M25 | Z | -4.595 | -4.595 | 0 | %100 |
| 37 | M26 | X | 7.958 | 7.958 | 0 | %100 |
| 38 | M26 | Z | -4.595 | -4.595 | 0 | %100 |
| 39 | M27 | X | 7.958 | 7.958 | 0 | %100 |
| 40 | M27 | Z | -4.595 | -4.595 | 0 | %100 |
| 41 | M28 | X | 7.958 | 7.958 | 0 | %100 |
| 42 | M28 | Z | -4.595 | -4.595 | 0 | %100 |
| 43 | M29 | X | 7.958 | 7.958 | 0 | %100 |
| 44 | M29 | Z | -4.595 | -4.595 | 0 | %100 |
| 45 | M32 | X | 5.038 | 5.038 | 0 | %100 |
| 46 | M32 | Z | -2.909 | -2.909 | 0 | %100 |
| 47 | M33 | X | 5.038 | 5.038 | 0 | %100 |
| 48 | M33 | Z | -2.909 | -2.909 | 0 | %100 |
| 49 | M34 | X | 5.038 | 5.038 | 0 | %100 |
| 50 | M34 | Z | -2.909 | -2.909 | 0 | %100 |
| 51 | M35 | X | 4.908 | 4.908 | 0 | %100 |
| 52 | M35 | Z | -2.833 | -2.833 | 0 | %100 |
| 53 | M36 | X | 4.943 | 4.943 | 0 | %100 |
| 54 | M36 | Z | -2.854 | -2.854 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 55 | M37 | X | 5.038 | 5.038 | 0 | %100 |
| 56 | M37 | Z | -2.909 | -2.909 | 0 | %100 |
| 57 | M38 | X | 5.038 | 5.038 | 0 | %100 |
| 58 | M38 | Z | -2.909 | -2.909 | 0 | %100 |
| 59 | M39 | X | 5.038 | 5.038 | 0 | %100 |
| 60 | M39 | Z | -2.909 | -2.909 | 0 | %100 |
| 61 | M40 | X | 4.908 | 4.908 | 0 | %100 |
| 62 | M40 | Z | -2.833 | -2.833 | 0 | %100 |
| 63 | M41 | X | 4.943 | 4.943 | 0 | %100 |
| 64 | M41 | Z | -2.854 | -2.854 | 0 | %100 |
| 65 | M41A | X | 2.381 | 2.381 | 0 | %100 |
| 66 | M41A | Z | -1.374 | -1.374 | 0 | %100 |
| 67 | FACE | X | 2.381 | 2.381 | 0 | %100 |
| 68 | FACE | Z | -1.374 | -1.374 | 0 | %100 |
| 69 | MP1A | X | 7.866 | 7.866 | 0 | %100 |
| 70 | MP1A | Z | -4.541 | -4.541 | 0 | %100 |
| 71 | MP2A | X | 7.866 | 7.866 | 0 | %100 |
| 72 | MP2A | Z | -4.541 | -4.541 | 0 | %100 |
| 73 | MP3A | X | 7.866 | 7.866 | 0 | %100 |
| 74 | MP3A | Z | -4.541 | -4.541 | 0 | %100 |
| 75 | MP4A | X | 7.866 | 7.866 | 0 | %100 |
| 76 | MP4A | Z | -4.541 | -4.541 | 0 | %100 |
| 77 | MP5A | X | 7.866 | 7.866 | 0 | %100 |
| 78 | MP5A | Z | -4.541 | -4.541 | 0 | %100 |
| 79 | M58 | X | .067 | .067 | 0 | %100 |
| 80 | M58 | Z | -.039 | -.039 | 0 | %100 |
| 81 | M59 | X | 0 | 0 | 0 | %100 |
| 82 | M59 | Z | 0 | 0 | 0 | %100 |
| 83 | M60 | X | 0 | 0 | 0 | %100 |
| 84 | M60 | Z | 0 | 0 | 0 | %100 |
| 85 | M61 | X | 0 | 0 | 0 | %100 |
| 86 | M61 | Z | 0 | 0 | 0 | %100 |
| 87 | M62 | X | 0 | 0 | 0 | %100 |
| 88 | M62 | Z | 0 | 0 | 0 | %100 |
| 89 | M63 | X | 0 | 0 | 0 | %100 |
| 90 | M63 | Z | 0 | 0 | 0 | %100 |
| 91 | M64 | X | 0 | 0 | 0 | %100 |
| 92 | M64 | Z | 0 | 0 | 0 | %100 |
| 93 | M65 | X | 0 | 0 | 0 | %100 |
| 94 | M65 | Z | 0 | 0 | 0 | %100 |
| 95 | M66 | X | 0 | 0 | 0 | %100 |
| 96 | M66 | Z | 0 | 0 | 0 | %100 |
| 97 | M71 | X | 7.866 | 7.866 | 0 | %100 |
| 98 | M71 | Z | -4.541 | -4.541 | 0 | %100 |
| 99 | M72 | X | 7.866 | 7.866 | 0 | %100 |
| 100 | M72 | Z | -4.541 | -4.541 | 0 | %100 |
| 101 | M73 | X | 7.958 | 7.958 | 0 | %100 |
| 102 | M73 | Z | -4.595 | -4.595 | 0 | %100 |
| 103 | M74 | X | 7.958 | 7.958 | 0 | %100 |
| 104 | M74 | Z | -4.595 | -4.595 | 0 | %100 |
| 105 | M75 | X | 7.958 | 7.958 | 0 | %100 |
| 106 | M75 | Z | -4.595 | -4.595 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 107 | M76 | X | 7.958 | 7.958 | 0 | %100 |
| 108 | M76 | Z | -4.595 | -4.595 | 0 | %100 |
| 109 | M77 | X | 7.958 | 7.958 | 0 | %100 |
| 110 | M77 | Z | -4.595 | -4.595 | 0 | %100 |
| 111 | M78 | X | 7.958 | 7.958 | 0 | %100 |
| 112 | M78 | Z | -4.595 | -4.595 | 0 | %100 |
| 113 | M79 | X | 7.958 | 7.958 | 0 | %100 |
| 114 | M79 | Z | -4.595 | -4.595 | 0 | %100 |
| 115 | M80 | X | 7.958 | 7.958 | 0 | %100 |
| 116 | M80 | Z | -4.595 | -4.595 | 0 | %100 |
| 117 | M81 | X | 7.958 | 7.958 | 0 | %100 |
| 118 | M81 | Z | -4.595 | -4.595 | 0 | %100 |
| 119 | M82 | X | 7.958 | 7.958 | 0 | %100 |
| 120 | M82 | Z | -4.595 | -4.595 | 0 | %100 |
| 121 | M83 | X | 7.958 | 7.958 | 0 | %100 |
| 122 | M83 | Z | -4.595 | -4.595 | 0 | %100 |
| 123 | M84 | X | 7.958 | 7.958 | 0 | %100 |
| 124 | M84 | Z | -4.595 | -4.595 | 0 | %100 |
| 125 | M85 | X | 5.038 | 5.038 | 0 | %100 |
| 126 | M85 | Z | -2.909 | -2.909 | 0 | %100 |
| 127 | M86 | X | 5.038 | 5.038 | 0 | %100 |
| 128 | M86 | Z | -2.909 | -2.909 | 0 | %100 |
| 129 | M87 | X | 5.038 | 5.038 | 0 | %100 |
| 130 | M87 | Z | -2.909 | -2.909 | 0 | %100 |
| 131 | M88 | X | 3.137 | 3.137 | 0 | %100 |
| 132 | M88 | Z | -1.811 | -1.811 | 0 | %100 |
| 133 | M89 | X | 3.276 | 3.276 | 0 | %100 |
| 134 | M89 | Z | -1.891 | -1.891 | 0 | %100 |
| 135 | M90 | X | 5.038 | 5.038 | 0 | %100 |
| 136 | M90 | Z | -2.909 | -2.909 | 0 | %100 |
| 137 | M91 | X | 5.038 | 5.038 | 0 | %100 |
| 138 | M91 | Z | -2.909 | -2.909 | 0 | %100 |
| 139 | M92 | X | 5.038 | 5.038 | 0 | %100 |
| 140 | M92 | Z | -2.909 | -2.909 | 0 | %100 |
| 141 | M93 | X | 3.137 | 3.137 | 0 | %100 |
| 142 | M93 | Z | -1.811 | -1.811 | 0 | %100 |
| 143 | M94 | X | 3.276 | 3.276 | 0 | %100 |
| 144 | M94 | Z | -1.891 | -1.891 | 0 | %100 |
| 145 | M99 | X | 9.522 | 9.522 | 0 | %100 |
| 146 | M99 | Z | -5.498 | -5.498 | 0 | %100 |
| 147 | M100 | X | 9.522 | 9.522 | 0 | %100 |
| 148 | M100 | Z | -5.498 | -5.498 | 0 | %100 |
| 149 | MP1C | X | 7.866 | 7.866 | 0 | %100 |
| 150 | MP1C | Z | -4.541 | -4.541 | 0 | %100 |
| 151 | MP2C | X | 7.866 | 7.866 | 0 | %100 |
| 152 | MP2C | Z | -4.541 | -4.541 | 0 | %100 |
| 153 | MP3C | X | 7.866 | 7.866 | 0 | %100 |
| 154 | MP3C | Z | -4.541 | -4.541 | 0 | %100 |
| 155 | MP4C | X | 7.866 | 7.866 | 0 | %100 |
| 156 | MP4C | Z | -4.541 | -4.541 | 0 | %100 |
| 157 | MP5C | X | 7.866 | 7.866 | 0 | %100 |
| 158 | MP5C | Z | -4.541 | -4.541 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 159 | M116 | X | 7.12 | 7.12 | 0 | %100 |
| 160 | M116 | Z | -4.111 | -4.111 | 0 | %100 |
| 161 | M117 | X | .931 | .931 | 0 | %100 |
| 162 | M117 | Z | -.538 | -.538 | 0 | %100 |
| 163 | M118 | X | .931 | .931 | 0 | %100 |
| 164 | M118 | Z | -.538 | -.538 | 0 | %100 |
| 165 | M119 | X | .932 | .932 | 0 | %100 |
| 166 | M119 | Z | -.538 | -.538 | 0 | %100 |
| 167 | M120 | X | .932 | .932 | 0 | %100 |
| 168 | M120 | Z | -.538 | -.538 | 0 | %100 |
| 169 | M121 | X | 5.9 | 5.9 | 0 | %100 |
| 170 | M121 | Z | -3.406 | -3.406 | 0 | %100 |
| 171 | M122 | X | 5.9 | 5.9 | 0 | %100 |
| 172 | M122 | Z | -3.406 | -3.406 | 0 | %100 |
| 173 | M123 | X | 5.9 | 5.9 | 0 | %100 |
| 174 | M123 | Z | -3.406 | -3.406 | 0 | %100 |
| 175 | M124 | X | 5.9 | 5.9 | 0 | %100 |
| 176 | M124 | Z | -3.406 | -3.406 | 0 | %100 |
| 177 | M129 | X | 7.866 | 7.866 | 0 | %100 |
| 178 | M129 | Z | -4.541 | -4.541 | 0 | %100 |
| 179 | M130 | X | 7.866 | 7.866 | 0 | %100 |
| 180 | M130 | Z | -4.541 | -4.541 | 0 | %100 |
| 181 | M131 | X | 7.958 | 7.958 | 0 | %100 |
| 182 | M131 | Z | -4.595 | -4.595 | 0 | %100 |
| 183 | M132 | X | 7.958 | 7.958 | 0 | %100 |
| 184 | M132 | Z | -4.595 | -4.595 | 0 | %100 |
| 185 | M133 | X | 7.958 | 7.958 | 0 | %100 |
| 186 | M133 | Z | -4.595 | -4.595 | 0 | %100 |
| 187 | M134 | X | 7.958 | 7.958 | 0 | %100 |
| 188 | M134 | Z | -4.595 | -4.595 | 0 | %100 |
| 189 | M135 | X | 7.958 | 7.958 | 0 | %100 |
| 190 | M135 | Z | -4.595 | -4.595 | 0 | %100 |
| 191 | M136 | X | 7.958 | 7.958 | 0 | %100 |
| 192 | M136 | Z | -4.595 | -4.595 | 0 | %100 |
| 193 | M137 | X | 7.958 | 7.958 | 0 | %100 |
| 194 | M137 | Z | -4.595 | -4.595 | 0 | %100 |
| 195 | M138 | X | 7.958 | 7.958 | 0 | %100 |
| 196 | M138 | Z | -4.595 | -4.595 | 0 | %100 |
| 197 | M139 | X | 7.958 | 7.958 | 0 | %100 |
| 198 | M139 | Z | -4.595 | -4.595 | 0 | %100 |
| 199 | M140 | X | 7.958 | 7.958 | 0 | %100 |
| 200 | M140 | Z | -4.595 | -4.595 | 0 | %100 |
| 201 | M141 | X | 7.958 | 7.958 | 0 | %100 |
| 202 | M141 | Z | -4.595 | -4.595 | 0 | %100 |
| 203 | M142 | X | 7.958 | 7.958 | 0 | %100 |
| 204 | M142 | Z | -4.595 | -4.595 | 0 | %100 |
| 205 | M143 | X | 5.038 | 5.038 | 0 | %100 |
| 206 | M143 | Z | -2.909 | -2.909 | 0 | %100 |
| 207 | M144 | X | 5.038 | 5.038 | 0 | %100 |
| 208 | M144 | Z | -2.909 | -2.909 | 0 | %100 |
| 209 | M145 | X | 5.038 | 5.038 | 0 | %100 |
| 210 | M145 | Z | -2.909 | -2.909 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 211 | M146 | X | 4.908 | 4.908 | 0 | %100 |
| 212 | M146 | Z | -2.833 | -2.833 | 0 | %100 |
| 213 | M147 | X | 4.943 | 4.943 | 0 | %100 |
| 214 | M147 | Z | -2.854 | -2.854 | 0 | %100 |
| 215 | M148 | X | 5.038 | 5.038 | 0 | %100 |
| 216 | M148 | Z | -2.909 | -2.909 | 0 | %100 |
| 217 | M149 | X | 5.038 | 5.038 | 0 | %100 |
| 218 | M149 | Z | -2.909 | -2.909 | 0 | %100 |
| 219 | M150 | X | 5.038 | 5.038 | 0 | %100 |
| 220 | M150 | Z | -2.909 | -2.909 | 0 | %100 |
| 221 | M151 | X | 4.908 | 4.908 | 0 | %100 |
| 222 | M151 | Z | -2.833 | -2.833 | 0 | %100 |
| 223 | M152 | X | 4.943 | 4.943 | 0 | %100 |
| 224 | M152 | Z | -2.854 | -2.854 | 0 | %100 |
| 225 | M157 | X | 2.381 | 2.381 | 0 | %100 |
| 226 | M157 | Z | -1.374 | -1.374 | 0 | %100 |
| 227 | M158 | X | 2.381 | 2.381 | 0 | %100 |
| 228 | M158 | Z | -1.374 | -1.374 | 0 | %100 |
| 229 | MP1B | X | 7.866 | 7.866 | 0 | %100 |
| 230 | MP1B | Z | -4.541 | -4.541 | 0 | %100 |
| 231 | MP2B | X | 7.866 | 7.866 | 0 | %100 |
| 232 | MP2B | Z | -4.541 | -4.541 | 0 | %100 |
| 233 | MP3B | X | 7.866 | 7.866 | 0 | %100 |
| 234 | MP3B | Z | -4.541 | -4.541 | 0 | %100 |
| 235 | MP4B | X | 7.866 | 7.866 | 0 | %100 |
| 236 | MP4B | Z | -4.541 | -4.541 | 0 | %100 |
| 237 | MP5B | X | 7.866 | 7.866 | 0 | %100 |
| 238 | MP5B | Z | -4.541 | -4.541 | 0 | %100 |
| 239 | M174 | X | 7.797 | 7.797 | 0 | %100 |
| 240 | M174 | Z | -4.502 | -4.502 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | 1.434 | 1.434 | 0 | %100 |
| 2 | M1 | Z | 0 | 0 | 0 | %100 |
| 3 | M2 | X | 1.434 | 1.434 | 0 | %100 |
| 4 | M2 | Z | 0 | 0 | 0 | %100 |
| 5 | M3 | X | 1.434 | 1.434 | 0 | %100 |
| 6 | M3 | Z | 0 | 0 | 0 | %100 |
| 7 | M4 | X | 1.434 | 1.434 | 0 | %100 |
| 8 | M4 | Z | 0 | 0 | 0 | %100 |
| 9 | M5 | X | 9.083 | 9.083 | 0 | %100 |
| 10 | M5 | Z | 0 | 0 | 0 | %100 |
| 11 | M6 | X | 9.083 | 9.083 | 0 | %100 |
| 12 | M6 | Z | 0 | 0 | 0 | %100 |
| 13 | M7 | X | 9.083 | 9.083 | 0 | %100 |
| 14 | M7 | Z | 0 | 0 | 0 | %100 |
| 15 | M8 | X | 9.083 | 9.083 | 0 | %100 |
| 16 | M8 | Z | 0 | 0 | 0 | %100 |
| 17 | M13 | X | 9.083 | 9.083 | 0 | %100 |
| 18 | M13 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 19 | M14 | X | 9.083 | 9.083 | 0 | %100 |
| 20 | M14 | Z | 0 | 0 | 0 | %100 |
| 21 | M16 | X | 11.774 | 11.774 | 0 | %100 |
| 22 | M16 | Z | 0 | 0 | 0 | %100 |
| 23 | M17 | X | 11.774 | 11.774 | 0 | %100 |
| 24 | M17 | Z | 0 | 0 | 0 | %100 |
| 25 | M18 | X | 11.774 | 11.774 | 0 | %100 |
| 26 | M18 | Z | 0 | 0 | 0 | %100 |
| 27 | M19 | X | 11.774 | 11.774 | 0 | %100 |
| 28 | M19 | Z | 0 | 0 | 0 | %100 |
| 29 | M20 | X | 11.774 | 11.774 | 0 | %100 |
| 30 | M20 | Z | 0 | 0 | 0 | %100 |
| 31 | M21 | X | 11.774 | 11.774 | 0 | %100 |
| 32 | M21 | Z | 0 | 0 | 0 | %100 |
| 33 | M24 | X | 11.774 | 11.774 | 0 | %100 |
| 34 | M24 | Z | 0 | 0 | 0 | %100 |
| 35 | M25 | X | 11.774 | 11.774 | 0 | %100 |
| 36 | M25 | Z | 0 | 0 | 0 | %100 |
| 37 | M26 | X | 11.774 | 11.774 | 0 | %100 |
| 38 | M26 | Z | 0 | 0 | 0 | %100 |
| 39 | M27 | X | 11.774 | 11.774 | 0 | %100 |
| 40 | M27 | Z | 0 | 0 | 0 | %100 |
| 41 | M28 | X | 11.774 | 11.774 | 0 | %100 |
| 42 | M28 | Z | 0 | 0 | 0 | %100 |
| 43 | M29 | X | 11.774 | 11.774 | 0 | %100 |
| 44 | M29 | Z | 0 | 0 | 0 | %100 |
| 45 | M32 | X | 5.817 | 5.817 | 0 | %100 |
| 46 | M32 | Z | 0 | 0 | 0 | %100 |
| 47 | M33 | X | 5.817 | 5.817 | 0 | %100 |
| 48 | M33 | Z | 0 | 0 | 0 | %100 |
| 49 | M34 | X | 5.817 | 5.817 | 0 | %100 |
| 50 | M34 | Z | 0 | 0 | 0 | %100 |
| 51 | M35 | X | 6.349 | 6.349 | 0 | %100 |
| 52 | M35 | Z | 0 | 0 | 0 | %100 |
| 53 | M36 | X | 6.349 | 6.349 | 0 | %100 |
| 54 | M36 | Z | 0 | 0 | 0 | %100 |
| 55 | M37 | X | 5.817 | 5.817 | 0 | %100 |
| 56 | M37 | Z | 0 | 0 | 0 | %100 |
| 57 | M38 | X | 5.817 | 5.817 | 0 | %100 |
| 58 | M38 | Z | 0 | 0 | 0 | %100 |
| 59 | M39 | X | 5.817 | 5.817 | 0 | %100 |
| 60 | M39 | Z | 0 | 0 | 0 | %100 |
| 61 | M40 | X | 6.349 | 6.349 | 0 | %100 |
| 62 | M40 | Z | 0 | 0 | 0 | %100 |
| 63 | M41 | X | 6.349 | 6.349 | 0 | %100 |
| 64 | M41 | Z | 0 | 0 | 0 | %100 |
| 65 | M41A | X | 0 | 0 | 0 | %100 |
| 66 | M41A | Z | 0 | 0 | 0 | %100 |
| 67 | FACE | X | 0 | 0 | 0 | %100 |
| 68 | FACE | Z | 0 | 0 | 0 | %100 |
| 69 | MP1A | X | 9.083 | 9.083 | 0 | %100 |
| 70 | MP1A | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 71 | MP2A | X | 9.083 | 9.083 | 0 | %100 |
| 72 | MP2A | Z | 0 | 0 | 0 | %100 |
| 73 | MP3A | X | 9.083 | 9.083 | 0 | %100 |
| 74 | MP3A | Z | 0 | 0 | 0 | %100 |
| 75 | MP4A | X | 9.083 | 9.083 | 0 | %100 |
| 76 | MP4A | Z | 0 | 0 | 0 | %100 |
| 77 | MP5A | X | 9.083 | 9.083 | 0 | %100 |
| 78 | MP5A | Z | 0 | 0 | 0 | %100 |
| 79 | M58 | X | 3.583 | 3.583 | 0 | %100 |
| 80 | M58 | Z | 0 | 0 | 0 | %100 |
| 81 | M59 | X | .359 | .359 | 0 | %100 |
| 82 | M59 | Z | 0 | 0 | 0 | %100 |
| 83 | M60 | X | .359 | .359 | 0 | %100 |
| 84 | M60 | Z | 0 | 0 | 0 | %100 |
| 85 | M61 | X | .359 | .359 | 0 | %100 |
| 86 | M61 | Z | 0 | 0 | 0 | %100 |
| 87 | M62 | X | .359 | .359 | 0 | %100 |
| 88 | M62 | Z | 0 | 0 | 0 | %100 |
| 89 | M63 | X | 2.271 | 2.271 | 0 | %100 |
| 90 | M63 | Z | 0 | 0 | 0 | %100 |
| 91 | M64 | X | 2.271 | 2.271 | 0 | %100 |
| 92 | M64 | Z | 0 | 0 | 0 | %100 |
| 93 | M65 | X | 2.271 | 2.271 | 0 | %100 |
| 94 | M65 | Z | 0 | 0 | 0 | %100 |
| 95 | M66 | X | 2.271 | 2.271 | 0 | %100 |
| 96 | M66 | Z | 0 | 0 | 0 | %100 |
| 97 | M71 | X | 9.083 | 9.083 | 0 | %100 |
| 98 | M71 | Z | 0 | 0 | 0 | %100 |
| 99 | M72 | X | 9.083 | 9.083 | 0 | %100 |
| 100 | M72 | Z | 0 | 0 | 0 | %100 |
| 101 | M73 | X | 11.774 | 11.774 | 0 | %100 |
| 102 | M73 | Z | 0 | 0 | 0 | %100 |
| 103 | M74 | X | 11.774 | 11.774 | 0 | %100 |
| 104 | M74 | Z | 0 | 0 | 0 | %100 |
| 105 | M75 | X | 11.774 | 11.774 | 0 | %100 |
| 106 | M75 | Z | 0 | 0 | 0 | %100 |
| 107 | M76 | X | 11.774 | 11.774 | 0 | %100 |
| 108 | M76 | Z | 0 | 0 | 0 | %100 |
| 109 | M77 | X | 11.774 | 11.774 | 0 | %100 |
| 110 | M77 | Z | 0 | 0 | 0 | %100 |
| 111 | M78 | X | 11.774 | 11.774 | 0 | %100 |
| 112 | M78 | Z | 0 | 0 | 0 | %100 |
| 113 | M79 | X | 11.774 | 11.774 | 0 | %100 |
| 114 | M79 | Z | 0 | 0 | 0 | %100 |
| 115 | M80 | X | 11.774 | 11.774 | 0 | %100 |
| 116 | M80 | Z | 0 | 0 | 0 | %100 |
| 117 | M81 | X | 11.774 | 11.774 | 0 | %100 |
| 118 | M81 | Z | 0 | 0 | 0 | %100 |
| 119 | M82 | X | 11.774 | 11.774 | 0 | %100 |
| 120 | M82 | Z | 0 | 0 | 0 | %100 |
| 121 | M83 | X | 11.774 | 11.774 | 0 | %100 |
| 122 | M83 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 123 | M84 | X | 11.774 | 11.774 | 0 | %100 |
| 124 | M84 | Z | 0 | 0 | 0 | %100 |
| 125 | M85 | X | 5.817 | 5.817 | 0 | %100 |
| 126 | M85 | Z | 0 | 0 | 0 | %100 |
| 127 | M86 | X | 5.817 | 5.817 | 0 | %100 |
| 128 | M86 | Z | 0 | 0 | 0 | %100 |
| 129 | M87 | X | 5.817 | 5.817 | 0 | %100 |
| 130 | M87 | Z | 0 | 0 | 0 | %100 |
| 131 | M88 | X | 4.304 | 4.304 | 0 | %100 |
| 132 | M88 | Z | 0 | 0 | 0 | %100 |
| 133 | M89 | X | 4.424 | 4.424 | 0 | %100 |
| 134 | M89 | Z | 0 | 0 | 0 | %100 |
| 135 | M90 | X | 5.817 | 5.817 | 0 | %100 |
| 136 | M90 | Z | 0 | 0 | 0 | %100 |
| 137 | M91 | X | 5.817 | 5.817 | 0 | %100 |
| 138 | M91 | Z | 0 | 0 | 0 | %100 |
| 139 | M92 | X | 5.817 | 5.817 | 0 | %100 |
| 140 | M92 | Z | 0 | 0 | 0 | %100 |
| 141 | M93 | X | 4.304 | 4.304 | 0 | %100 |
| 142 | M93 | Z | 0 | 0 | 0 | %100 |
| 143 | M94 | X | 4.424 | 4.424 | 0 | %100 |
| 144 | M94 | Z | 0 | 0 | 0 | %100 |
| 145 | M99 | X | 8.246 | 8.246 | 0 | %100 |
| 146 | M99 | Z | 0 | 0 | 0 | %100 |
| 147 | M100 | X | 8.246 | 8.246 | 0 | %100 |
| 148 | M100 | Z | 0 | 0 | 0 | %100 |
| 149 | MP1C | X | 9.083 | 9.083 | 0 | %100 |
| 150 | MP1C | Z | 0 | 0 | 0 | %100 |
| 151 | MP2C | X | 9.083 | 9.083 | 0 | %100 |
| 152 | MP2C | Z | 0 | 0 | 0 | %100 |
| 153 | MP3C | X | 9.083 | 9.083 | 0 | %100 |
| 154 | MP3C | Z | 0 | 0 | 0 | %100 |
| 155 | MP4C | X | 9.083 | 9.083 | 0 | %100 |
| 156 | MP4C | Z | 0 | 0 | 0 | %100 |
| 157 | MP5C | X | 9.083 | 9.083 | 0 | %100 |
| 158 | MP5C | Z | 0 | 0 | 0 | %100 |
| 159 | M116 | X | 2.724 | 2.724 | 0 | %100 |
| 160 | M116 | Z | 0 | 0 | 0 | %100 |
| 161 | M117 | X | .359 | .359 | 0 | %100 |
| 162 | M117 | Z | 0 | 0 | 0 | %100 |
| 163 | M118 | X | .359 | .359 | 0 | %100 |
| 164 | M118 | Z | 0 | 0 | 0 | %100 |
| 165 | M119 | X | .359 | .359 | 0 | %100 |
| 166 | M119 | Z | 0 | 0 | 0 | %100 |
| 167 | M120 | X | .359 | .359 | 0 | %100 |
| 168 | M120 | Z | 0 | 0 | 0 | %100 |
| 169 | M121 | X | 2.271 | 2.271 | 0 | %100 |
| 170 | M121 | Z | 0 | 0 | 0 | %100 |
| 171 | M122 | X | 2.271 | 2.271 | 0 | %100 |
| 172 | M122 | Z | 0 | 0 | 0 | %100 |
| 173 | M123 | X | 2.271 | 2.271 | 0 | %100 |
| 174 | M123 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 175 | M124 | X | 2.271 | 2.271 | 0 | %100 |
| 176 | M124 | Z | 0 | 0 | 0 | %100 |
| 177 | M129 | X | 9.083 | 9.083 | 0 | %100 |
| 178 | M129 | Z | 0 | 0 | 0 | %100 |
| 179 | M130 | X | 9.083 | 9.083 | 0 | %100 |
| 180 | M130 | Z | 0 | 0 | 0 | %100 |
| 181 | M131 | X | 11.774 | 11.774 | 0 | %100 |
| 182 | M131 | Z | 0 | 0 | 0 | %100 |
| 183 | M132 | X | 11.774 | 11.774 | 0 | %100 |
| 184 | M132 | Z | 0 | 0 | 0 | %100 |
| 185 | M133 | X | 11.774 | 11.774 | 0 | %100 |
| 186 | M133 | Z | 0 | 0 | 0 | %100 |
| 187 | M134 | X | 11.774 | 11.774 | 0 | %100 |
| 188 | M134 | Z | 0 | 0 | 0 | %100 |
| 189 | M135 | X | 11.774 | 11.774 | 0 | %100 |
| 190 | M135 | Z | 0 | 0 | 0 | %100 |
| 191 | M136 | X | 11.774 | 11.774 | 0 | %100 |
| 192 | M136 | Z | 0 | 0 | 0 | %100 |
| 193 | M137 | X | 11.774 | 11.774 | 0 | %100 |
| 194 | M137 | Z | 0 | 0 | 0 | %100 |
| 195 | M138 | X | 11.774 | 11.774 | 0 | %100 |
| 196 | M138 | Z | 0 | 0 | 0 | %100 |
| 197 | M139 | X | 11.774 | 11.774 | 0 | %100 |
| 198 | M139 | Z | 0 | 0 | 0 | %100 |
| 199 | M140 | X | 11.774 | 11.774 | 0 | %100 |
| 200 | M140 | Z | 0 | 0 | 0 | %100 |
| 201 | M141 | X | 11.774 | 11.774 | 0 | %100 |
| 202 | M141 | Z | 0 | 0 | 0 | %100 |
| 203 | M142 | X | 11.774 | 11.774 | 0 | %100 |
| 204 | M142 | Z | 0 | 0 | 0 | %100 |
| 205 | M143 | X | 5.817 | 5.817 | 0 | %100 |
| 206 | M143 | Z | 0 | 0 | 0 | %100 |
| 207 | M144 | X | 5.817 | 5.817 | 0 | %100 |
| 208 | M144 | Z | 0 | 0 | 0 | %100 |
| 209 | M145 | X | 5.817 | 5.817 | 0 | %100 |
| 210 | M145 | Z | 0 | 0 | 0 | %100 |
| 211 | M146 | X | 4.304 | 4.304 | 0 | %100 |
| 212 | M146 | Z | 0 | 0 | 0 | %100 |
| 213 | M147 | X | 4.424 | 4.424 | 0 | %100 |
| 214 | M147 | Z | 0 | 0 | 0 | %100 |
| 215 | M148 | X | 5.817 | 5.817 | 0 | %100 |
| 216 | M148 | Z | 0 | 0 | 0 | %100 |
| 217 | M149 | X | 5.817 | 5.817 | 0 | %100 |
| 218 | M149 | Z | 0 | 0 | 0 | %100 |
| 219 | M150 | X | 5.817 | 5.817 | 0 | %100 |
| 220 | M150 | Z | 0 | 0 | 0 | %100 |
| 221 | M151 | X | 4.304 | 4.304 | 0 | %100 |
| 222 | M151 | Z | 0 | 0 | 0 | %100 |
| 223 | M152 | X | 4.424 | 4.424 | 0 | %100 |
| 224 | M152 | Z | 0 | 0 | 0 | %100 |
| 225 | M157 | X | 8.246 | 8.246 | 0 | %100 |
| 226 | M157 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 227 | M158 | X | 8.246 | 8.246 | 0 | %100 |
| 228 | M158 | Z | 0 | 0 | 0 | %100 |
| 229 | MP1B | X | 9.083 | 9.083 | 0 | %100 |
| 230 | MP1B | Z | 0 | 0 | 0 | %100 |
| 231 | MP2B | X | 9.083 | 9.083 | 0 | %100 |
| 232 | MP2B | Z | 0 | 0 | 0 | %100 |
| 233 | MP3B | X | 9.083 | 9.083 | 0 | %100 |
| 234 | MP3B | Z | 0 | 0 | 0 | %100 |
| 235 | MP4B | X | 9.083 | 9.083 | 0 | %100 |
| 236 | MP4B | Z | 0 | 0 | 0 | %100 |
| 237 | MP5B | X | 9.083 | 9.083 | 0 | %100 |
| 238 | MP5B | Z | 0 | 0 | 0 | %100 |
| 239 | M174 | X | 10.918 | 10.918 | 0 | %100 |
| 240 | M174 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | .932 | .932 | 0 | %100 |
| 2 | M1 | Z | .538 | .538 | 0 | %100 |
| 3 | M2 | X | .932 | .932 | 0 | %100 |
| 4 | M2 | Z | .538 | .538 | 0 | %100 |
| 5 | M3 | X | .932 | .932 | 0 | %100 |
| 6 | M3 | Z | .538 | .538 | 0 | %100 |
| 7 | M4 | X | .932 | .932 | 0 | %100 |
| 8 | M4 | Z | .538 | .538 | 0 | %100 |
| 9 | M5 | X | 5.9 | 5.9 | 0 | %100 |
| 10 | M5 | Z | 3.406 | 3.406 | 0 | %100 |
| 11 | M6 | X | 5.9 | 5.9 | 0 | %100 |
| 12 | M6 | Z | 3.406 | 3.406 | 0 | %100 |
| 13 | M7 | X | 5.9 | 5.9 | 0 | %100 |
| 14 | M7 | Z | 3.406 | 3.406 | 0 | %100 |
| 15 | M8 | X | 5.9 | 5.9 | 0 | %100 |
| 16 | M8 | Z | 3.406 | 3.406 | 0 | %100 |
| 17 | M13 | X | 7.866 | 7.866 | 0 | %100 |
| 18 | M13 | Z | 4.541 | 4.541 | 0 | %100 |
| 19 | M14 | X | 7.866 | 7.866 | 0 | %100 |
| 20 | M14 | Z | 4.541 | 4.541 | 0 | %100 |
| 21 | M16 | X | 7.958 | 7.958 | 0 | %100 |
| 22 | M16 | Z | 4.595 | 4.595 | 0 | %100 |
| 23 | M17 | X | 7.958 | 7.958 | 0 | %100 |
| 24 | M17 | Z | 4.595 | 4.595 | 0 | %100 |
| 25 | M18 | X | 7.958 | 7.958 | 0 | %100 |
| 26 | M18 | Z | 4.595 | 4.595 | 0 | %100 |
| 27 | M19 | X | 7.958 | 7.958 | 0 | %100 |
| 28 | M19 | Z | 4.595 | 4.595 | 0 | %100 |
| 29 | M20 | X | 7.958 | 7.958 | 0 | %100 |
| 30 | M20 | Z | 4.595 | 4.595 | 0 | %100 |
| 31 | M21 | X | 7.958 | 7.958 | 0 | %100 |
| 32 | M21 | Z | 4.595 | 4.595 | 0 | %100 |
| 33 | M24 | X | 7.958 | 7.958 | 0 | %100 |
| 34 | M24 | Z | 4.595 | 4.595 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 35 | M25 | X | 7.958 | 7.958 | 0 | %100 |
| 36 | M25 | Z | 4.595 | 4.595 | 0 | %100 |
| 37 | M26 | X | 7.958 | 7.958 | 0 | %100 |
| 38 | M26 | Z | 4.595 | 4.595 | 0 | %100 |
| 39 | M27 | X | 7.958 | 7.958 | 0 | %100 |
| 40 | M27 | Z | 4.595 | 4.595 | 0 | %100 |
| 41 | M28 | X | 7.958 | 7.958 | 0 | %100 |
| 42 | M28 | Z | 4.595 | 4.595 | 0 | %100 |
| 43 | M29 | X | 7.958 | 7.958 | 0 | %100 |
| 44 | M29 | Z | 4.595 | 4.595 | 0 | %100 |
| 45 | M32 | X | 5.038 | 5.038 | 0 | %100 |
| 46 | M32 | Z | 2.909 | 2.909 | 0 | %100 |
| 47 | M33 | X | 5.038 | 5.038 | 0 | %100 |
| 48 | M33 | Z | 2.909 | 2.909 | 0 | %100 |
| 49 | M34 | X | 5.038 | 5.038 | 0 | %100 |
| 50 | M34 | Z | 2.909 | 2.909 | 0 | %100 |
| 51 | M35 | X | 4.908 | 4.908 | 0 | %100 |
| 52 | M35 | Z | 2.833 | 2.833 | 0 | %100 |
| 53 | M36 | X | 4.943 | 4.943 | 0 | %100 |
| 54 | M36 | Z | 2.854 | 2.854 | 0 | %100 |
| 55 | M37 | X | 5.038 | 5.038 | 0 | %100 |
| 56 | M37 | Z | 2.909 | 2.909 | 0 | %100 |
| 57 | M38 | X | 5.038 | 5.038 | 0 | %100 |
| 58 | M38 | Z | 2.909 | 2.909 | 0 | %100 |
| 59 | M39 | X | 5.038 | 5.038 | 0 | %100 |
| 60 | M39 | Z | 2.909 | 2.909 | 0 | %100 |
| 61 | M40 | X | 4.908 | 4.908 | 0 | %100 |
| 62 | M40 | Z | 2.833 | 2.833 | 0 | %100 |
| 63 | M41 | X | 4.943 | 4.943 | 0 | %100 |
| 64 | M41 | Z | 2.854 | 2.854 | 0 | %100 |
| 65 | M41A | X | 2.381 | 2.381 | 0 | %100 |
| 66 | M41A | Z | 1.374 | 1.374 | 0 | %100 |
| 67 | FACE | X | 2.381 | 2.381 | 0 | %100 |
| 68 | FACE | Z | 1.374 | 1.374 | 0 | %100 |
| 69 | MP1A | X | 7.866 | 7.866 | 0 | %100 |
| 70 | MP1A | Z | 4.541 | 4.541 | 0 | %100 |
| 71 | MP2A | X | 7.866 | 7.866 | 0 | %100 |
| 72 | MP2A | Z | 4.541 | 4.541 | 0 | %100 |
| 73 | MP3A | X | 7.866 | 7.866 | 0 | %100 |
| 74 | MP3A | Z | 4.541 | 4.541 | 0 | %100 |
| 75 | MP4A | X | 7.866 | 7.866 | 0 | %100 |
| 76 | MP4A | Z | 4.541 | 4.541 | 0 | %100 |
| 77 | MP5A | X | 7.866 | 7.866 | 0 | %100 |
| 78 | MP5A | Z | 4.541 | 4.541 | 0 | %100 |
| 79 | M58 | X | 7.797 | 7.797 | 0 | %100 |
| 80 | M58 | Z | 4.502 | 4.502 | 0 | %100 |
| 81 | M59 | X | .932 | .932 | 0 | %100 |
| 82 | M59 | Z | .538 | .538 | 0 | %100 |
| 83 | M60 | X | .932 | .932 | 0 | %100 |
| 84 | M60 | Z | .538 | .538 | 0 | %100 |
| 85 | M61 | X | .932 | .932 | 0 | %100 |
| 86 | M61 | Z | .538 | .538 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 87 | M62 | X | .932 | .932 | 0 | %100 |
| 88 | M62 | Z | .538 | .538 | 0 | %100 |
| 89 | M63 | X | 5.9 | 5.9 | 0 | %100 |
| 90 | M63 | Z | 3.406 | 3.406 | 0 | %100 |
| 91 | M64 | X | 5.9 | 5.9 | 0 | %100 |
| 92 | M64 | Z | 3.406 | 3.406 | 0 | %100 |
| 93 | M65 | X | 5.9 | 5.9 | 0 | %100 |
| 94 | M65 | Z | 3.406 | 3.406 | 0 | %100 |
| 95 | M66 | X | 5.9 | 5.9 | 0 | %100 |
| 96 | M66 | Z | 3.406 | 3.406 | 0 | %100 |
| 97 | M71 | X | 7.866 | 7.866 | 0 | %100 |
| 98 | M71 | Z | 4.541 | 4.541 | 0 | %100 |
| 99 | M72 | X | 7.866 | 7.866 | 0 | %100 |
| 100 | M72 | Z | 4.541 | 4.541 | 0 | %100 |
| 101 | M73 | X | 7.958 | 7.958 | 0 | %100 |
| 102 | M73 | Z | 4.595 | 4.595 | 0 | %100 |
| 103 | M74 | X | 7.958 | 7.958 | 0 | %100 |
| 104 | M74 | Z | 4.595 | 4.595 | 0 | %100 |
| 105 | M75 | X | 7.958 | 7.958 | 0 | %100 |
| 106 | M75 | Z | 4.595 | 4.595 | 0 | %100 |
| 107 | M76 | X | 7.958 | 7.958 | 0 | %100 |
| 108 | M76 | Z | 4.595 | 4.595 | 0 | %100 |
| 109 | M77 | X | 7.958 | 7.958 | 0 | %100 |
| 110 | M77 | Z | 4.595 | 4.595 | 0 | %100 |
| 111 | M78 | X | 7.958 | 7.958 | 0 | %100 |
| 112 | M78 | Z | 4.595 | 4.595 | 0 | %100 |
| 113 | M79 | X | 7.958 | 7.958 | 0 | %100 |
| 114 | M79 | Z | 4.595 | 4.595 | 0 | %100 |
| 115 | M80 | X | 7.958 | 7.958 | 0 | %100 |
| 116 | M80 | Z | 4.595 | 4.595 | 0 | %100 |
| 117 | M81 | X | 7.958 | 7.958 | 0 | %100 |
| 118 | M81 | Z | 4.595 | 4.595 | 0 | %100 |
| 119 | M82 | X | 7.958 | 7.958 | 0 | %100 |
| 120 | M82 | Z | 4.595 | 4.595 | 0 | %100 |
| 121 | M83 | X | 7.958 | 7.958 | 0 | %100 |
| 122 | M83 | Z | 4.595 | 4.595 | 0 | %100 |
| 123 | M84 | X | 7.958 | 7.958 | 0 | %100 |
| 124 | M84 | Z | 4.595 | 4.595 | 0 | %100 |
| 125 | M85 | X | 5.038 | 5.038 | 0 | %100 |
| 126 | M85 | Z | 2.909 | 2.909 | 0 | %100 |
| 127 | M86 | X | 5.038 | 5.038 | 0 | %100 |
| 128 | M86 | Z | 2.909 | 2.909 | 0 | %100 |
| 129 | M87 | X | 5.038 | 5.038 | 0 | %100 |
| 130 | M87 | Z | 2.909 | 2.909 | 0 | %100 |
| 131 | M88 | X | 4.908 | 4.908 | 0 | %100 |
| 132 | M88 | Z | 2.833 | 2.833 | 0 | %100 |
| 133 | M89 | X | 4.943 | 4.943 | 0 | %100 |
| 134 | M89 | Z | 2.854 | 2.854 | 0 | %100 |
| 135 | M90 | X | 5.038 | 5.038 | 0 | %100 |
| 136 | M90 | Z | 2.909 | 2.909 | 0 | %100 |
| 137 | M91 | X | 5.038 | 5.038 | 0 | %100 |
| 138 | M91 | Z | 2.909 | 2.909 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 139 | M92 | X | 5.038 | 5.038 | 0 | %100 |
| 140 | M92 | Z | 2.909 | 2.909 | 0 | %100 |
| 141 | M93 | X | 4.908 | 4.908 | 0 | %100 |
| 142 | M93 | Z | 2.833 | 2.833 | 0 | %100 |
| 143 | M94 | X | 4.943 | 4.943 | 0 | %100 |
| 144 | M94 | Z | 2.854 | 2.854 | 0 | %100 |
| 145 | M99 | X | 2.381 | 2.381 | 0 | %100 |
| 146 | M99 | Z | 1.374 | 1.374 | 0 | %100 |
| 147 | M100 | X | 2.381 | 2.381 | 0 | %100 |
| 148 | M100 | Z | 1.374 | 1.374 | 0 | %100 |
| 149 | MP1C | X | 7.866 | 7.866 | 0 | %100 |
| 150 | MP1C | Z | 4.541 | 4.541 | 0 | %100 |
| 151 | MP2C | X | 7.866 | 7.866 | 0 | %100 |
| 152 | MP2C | Z | 4.541 | 4.541 | 0 | %100 |
| 153 | MP3C | X | 7.866 | 7.866 | 0 | %100 |
| 154 | MP3C | Z | 4.541 | 4.541 | 0 | %100 |
| 155 | MP4C | X | 7.866 | 7.866 | 0 | %100 |
| 156 | MP4C | Z | 4.541 | 4.541 | 0 | %100 |
| 157 | MP5C | X | 7.866 | 7.866 | 0 | %100 |
| 158 | MP5C | Z | 4.541 | 4.541 | 0 | %100 |
| 159 | M116 | X | 6.7e-5 | 6.7e-5 | 0 | %100 |
| 160 | M116 | Z | 3.8e-5 | 3.8e-5 | 0 | %100 |
| 161 | M117 | X | 0 | 0 | 0 | %100 |
| 162 | M117 | Z | 0 | 0 | 0 | %100 |
| 163 | M118 | X | 0 | 0 | 0 | %100 |
| 164 | M118 | Z | 0 | 0 | 0 | %100 |
| 165 | M119 | X | 0 | 0 | 0 | %100 |
| 166 | M119 | Z | 0 | 0 | 0 | %100 |
| 167 | M120 | X | 0 | 0 | 0 | %100 |
| 168 | M120 | Z | 0 | 0 | 0 | %100 |
| 169 | M121 | X | 0 | 0 | 0 | %100 |
| 170 | M121 | Z | 0 | 0 | 0 | %100 |
| 171 | M122 | X | 0 | 0 | 0 | %100 |
| 172 | M122 | Z | 0 | 0 | 0 | %100 |
| 173 | M123 | X | 0 | 0 | 0 | %100 |
| 174 | M123 | Z | 0 | 0 | 0 | %100 |
| 175 | M124 | X | 0 | 0 | 0 | %100 |
| 176 | M124 | Z | 0 | 0 | 0 | %100 |
| 177 | M129 | X | 7.866 | 7.866 | 0 | %100 |
| 178 | M129 | Z | 4.541 | 4.541 | 0 | %100 |
| 179 | M130 | X | 7.866 | 7.866 | 0 | %100 |
| 180 | M130 | Z | 4.541 | 4.541 | 0 | %100 |
| 181 | M131 | X | 7.958 | 7.958 | 0 | %100 |
| 182 | M131 | Z | 4.595 | 4.595 | 0 | %100 |
| 183 | M132 | X | 7.958 | 7.958 | 0 | %100 |
| 184 | M132 | Z | 4.595 | 4.595 | 0 | %100 |
| 185 | M133 | X | 7.958 | 7.958 | 0 | %100 |
| 186 | M133 | Z | 4.595 | 4.595 | 0 | %100 |
| 187 | M134 | X | 7.958 | 7.958 | 0 | %100 |
| 188 | M134 | Z | 4.595 | 4.595 | 0 | %100 |
| 189 | M135 | X | 7.958 | 7.958 | 0 | %100 |
| 190 | M135 | Z | 4.595 | 4.595 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 191 | M136 | X | 7.958 | 7.958 | 0 | %100 |
| 192 | M136 | Z | 4.595 | 4.595 | 0 | %100 |
| 193 | M137 | X | 7.958 | 7.958 | 0 | %100 |
| 194 | M137 | Z | 4.595 | 4.595 | 0 | %100 |
| 195 | M138 | X | 7.958 | 7.958 | 0 | %100 |
| 196 | M138 | Z | 4.595 | 4.595 | 0 | %100 |
| 197 | M139 | X | 7.958 | 7.958 | 0 | %100 |
| 198 | M139 | Z | 4.595 | 4.595 | 0 | %100 |
| 199 | M140 | X | 7.958 | 7.958 | 0 | %100 |
| 200 | M140 | Z | 4.595 | 4.595 | 0 | %100 |
| 201 | M141 | X | 7.958 | 7.958 | 0 | %100 |
| 202 | M141 | Z | 4.595 | 4.595 | 0 | %100 |
| 203 | M142 | X | 7.958 | 7.958 | 0 | %100 |
| 204 | M142 | Z | 4.595 | 4.595 | 0 | %100 |
| 205 | M143 | X | 5.038 | 5.038 | 0 | %100 |
| 206 | M143 | Z | 2.909 | 2.909 | 0 | %100 |
| 207 | M144 | X | 5.038 | 5.038 | 0 | %100 |
| 208 | M144 | Z | 2.909 | 2.909 | 0 | %100 |
| 209 | M145 | X | 5.038 | 5.038 | 0 | %100 |
| 210 | M145 | Z | 2.909 | 2.909 | 0 | %100 |
| 211 | M146 | X | 3.137 | 3.137 | 0 | %100 |
| 212 | M146 | Z | 1.811 | 1.811 | 0 | %100 |
| 213 | M147 | X | 3.276 | 3.276 | 0 | %100 |
| 214 | M147 | Z | 1.891 | 1.891 | 0 | %100 |
| 215 | M148 | X | 5.038 | 5.038 | 0 | %100 |
| 216 | M148 | Z | 2.909 | 2.909 | 0 | %100 |
| 217 | M149 | X | 5.038 | 5.038 | 0 | %100 |
| 218 | M149 | Z | 2.909 | 2.909 | 0 | %100 |
| 219 | M150 | X | 5.038 | 5.038 | 0 | %100 |
| 220 | M150 | Z | 2.909 | 2.909 | 0 | %100 |
| 221 | M151 | X | 3.137 | 3.137 | 0 | %100 |
| 222 | M151 | Z | 1.811 | 1.811 | 0 | %100 |
| 223 | M152 | X | 3.276 | 3.276 | 0 | %100 |
| 224 | M152 | Z | 1.891 | 1.891 | 0 | %100 |
| 225 | M157 | X | 9.522 | 9.522 | 0 | %100 |
| 226 | M157 | Z | 5.498 | 5.498 | 0 | %100 |
| 227 | M158 | X | 9.522 | 9.522 | 0 | %100 |
| 228 | M158 | Z | 5.498 | 5.498 | 0 | %100 |
| 229 | MP1B | X | 7.866 | 7.866 | 0 | %100 |
| 230 | MP1B | Z | 4.541 | 4.541 | 0 | %100 |
| 231 | MP2B | X | 7.866 | 7.866 | 0 | %100 |
| 232 | MP2B | Z | 4.541 | 4.541 | 0 | %100 |
| 233 | MP3B | X | 7.866 | 7.866 | 0 | %100 |
| 234 | MP3B | Z | 4.541 | 4.541 | 0 | %100 |
| 235 | MP4B | X | 7.866 | 7.866 | 0 | %100 |
| 236 | MP4B | Z | 4.541 | 4.541 | 0 | %100 |
| 237 | MP5B | X | 7.866 | 7.866 | 0 | %100 |
| 238 | MP5B | Z | 4.541 | 4.541 | 0 | %100 |
| 239 | M174 | X | 6.419 | 6.419 | 0 | %100 |
| 240 | M174 | Z | 3.706 | 3.706 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | .179 | .179 | 0 | %100 |
| 2 | M1 | Z | .311 | .311 | 0 | %100 |
| 3 | M2 | X | .179 | .179 | 0 | %100 |
| 4 | M2 | Z | .311 | .311 | 0 | %100 |
| 5 | M3 | X | .179 | .179 | 0 | %100 |
| 6 | M3 | Z | .311 | .311 | 0 | %100 |
| 7 | M4 | X | .179 | .179 | 0 | %100 |
| 8 | M4 | Z | .311 | .311 | 0 | %100 |
| 9 | M5 | X | 1.135 | 1.135 | 0 | %100 |
| 10 | M5 | Z | 1.967 | 1.967 | 0 | %100 |
| 11 | M6 | X | 1.135 | 1.135 | 0 | %100 |
| 12 | M6 | Z | 1.967 | 1.967 | 0 | %100 |
| 13 | M7 | X | 1.135 | 1.135 | 0 | %100 |
| 14 | M7 | Z | 1.967 | 1.967 | 0 | %100 |
| 15 | M8 | X | 1.135 | 1.135 | 0 | %100 |
| 16 | M8 | Z | 1.967 | 1.967 | 0 | %100 |
| 17 | M13 | X | 4.541 | 4.541 | 0 | %100 |
| 18 | M13 | Z | 7.866 | 7.866 | 0 | %100 |
| 19 | M14 | X | 4.541 | 4.541 | 0 | %100 |
| 20 | M14 | Z | 7.866 | 7.866 | 0 | %100 |
| 21 | M16 | X | 2.01 | 2.01 | 0 | %100 |
| 22 | M16 | Z | 3.481 | 3.481 | 0 | %100 |
| 23 | M17 | X | 2.01 | 2.01 | 0 | %100 |
| 24 | M17 | Z | 3.481 | 3.481 | 0 | %100 |
| 25 | M18 | X | 2.01 | 2.01 | 0 | %100 |
| 26 | M18 | Z | 3.481 | 3.481 | 0 | %100 |
| 27 | M19 | X | 2.01 | 2.01 | 0 | %100 |
| 28 | M19 | Z | 3.481 | 3.481 | 0 | %100 |
| 29 | M20 | X | 2.01 | 2.01 | 0 | %100 |
| 30 | M20 | Z | 3.481 | 3.481 | 0 | %100 |
| 31 | M21 | X | 2.01 | 2.01 | 0 | %100 |
| 32 | M21 | Z | 3.481 | 3.481 | 0 | %100 |
| 33 | M24 | X | 2.01 | 2.01 | 0 | %100 |
| 34 | M24 | Z | 3.481 | 3.481 | 0 | %100 |
| 35 | M25 | X | 2.01 | 2.01 | 0 | %100 |
| 36 | M25 | Z | 3.481 | 3.481 | 0 | %100 |
| 37 | M26 | X | 2.01 | 2.01 | 0 | %100 |
| 38 | M26 | Z | 3.481 | 3.481 | 0 | %100 |
| 39 | M27 | X | 2.01 | 2.01 | 0 | %100 |
| 40 | M27 | Z | 3.481 | 3.481 | 0 | %100 |
| 41 | M28 | X | 2.01 | 2.01 | 0 | %100 |
| 42 | M28 | Z | 3.481 | 3.481 | 0 | %100 |
| 43 | M29 | X | 2.01 | 2.01 | 0 | %100 |
| 44 | M29 | Z | 3.481 | 3.481 | 0 | %100 |
| 45 | M32 | X | 2.909 | 2.909 | 0 | %100 |
| 46 | M32 | Z | 5.038 | 5.038 | 0 | %100 |
| 47 | M33 | X | 2.909 | 2.909 | 0 | %100 |
| 48 | M33 | Z | 5.038 | 5.038 | 0 | %100 |
| 49 | M34 | X | 2.909 | 2.909 | 0 | %100 |
| 50 | M34 | Z | 5.038 | 5.038 | 0 | %100 |
| 51 | M35 | X | 2.152 | 2.152 | 0 | %100 |
| 52 | M35 | Z | 3.727 | 3.727 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 53 | M36 | X | 2.212 | 2.212 | 0 | %100 |
| 54 | M36 | Z | 3.832 | 3.832 | 0 | %100 |
| 55 | M37 | X | 2.909 | 2.909 | 0 | %100 |
| 56 | M37 | Z | 5.038 | 5.038 | 0 | %100 |
| 57 | M38 | X | 2.909 | 2.909 | 0 | %100 |
| 58 | M38 | Z | 5.038 | 5.038 | 0 | %100 |
| 59 | M39 | X | 2.909 | 2.909 | 0 | %100 |
| 60 | M39 | Z | 5.038 | 5.038 | 0 | %100 |
| 61 | M40 | X | 2.152 | 2.152 | 0 | %100 |
| 62 | M40 | Z | 3.727 | 3.727 | 0 | %100 |
| 63 | M41 | X | 2.212 | 2.212 | 0 | %100 |
| 64 | M41 | Z | 3.832 | 3.832 | 0 | %100 |
| 65 | M41A | X | 4.123 | 4.123 | 0 | %100 |
| 66 | M41A | Z | 7.142 | 7.142 | 0 | %100 |
| 67 | FACE | X | 4.123 | 4.123 | 0 | %100 |
| 68 | FACE | Z | 7.142 | 7.142 | 0 | %100 |
| 69 | MP1A | X | 4.541 | 4.541 | 0 | %100 |
| 70 | MP1A | Z | 7.866 | 7.866 | 0 | %100 |
| 71 | MP2A | X | 4.541 | 4.541 | 0 | %100 |
| 72 | MP2A | Z | 7.866 | 7.866 | 0 | %100 |
| 73 | MP3A | X | 4.541 | 4.541 | 0 | %100 |
| 74 | MP3A | Z | 7.866 | 7.866 | 0 | %100 |
| 75 | MP4A | X | 4.541 | 4.541 | 0 | %100 |
| 76 | MP4A | Z | 7.866 | 7.866 | 0 | %100 |
| 77 | MP5A | X | 4.541 | 4.541 | 0 | %100 |
| 78 | MP5A | Z | 7.866 | 7.866 | 0 | %100 |
| 79 | M58 | X | 5.459 | 5.459 | 0 | %100 |
| 80 | M58 | Z | 9.455 | 9.455 | 0 | %100 |
| 81 | M59 | X | .717 | .717 | 0 | %100 |
| 82 | M59 | Z | 1.242 | 1.242 | 0 | %100 |
| 83 | M60 | X | .717 | .717 | 0 | %100 |
| 84 | M60 | Z | 1.242 | 1.242 | 0 | %100 |
| 85 | M61 | X | .717 | .717 | 0 | %100 |
| 86 | M61 | Z | 1.242 | 1.242 | 0 | %100 |
| 87 | M62 | X | .717 | .717 | 0 | %100 |
| 88 | M62 | Z | 1.242 | 1.242 | 0 | %100 |
| 89 | M63 | X | 4.541 | 4.541 | 0 | %100 |
| 90 | M63 | Z | 7.866 | 7.866 | 0 | %100 |
| 91 | M64 | X | 4.541 | 4.541 | 0 | %100 |
| 92 | M64 | Z | 7.866 | 7.866 | 0 | %100 |
| 93 | M65 | X | 4.541 | 4.541 | 0 | %100 |
| 94 | M65 | Z | 7.866 | 7.866 | 0 | %100 |
| 95 | M66 | X | 4.541 | 4.541 | 0 | %100 |
| 96 | M66 | Z | 7.866 | 7.866 | 0 | %100 |
| 97 | M71 | X | 4.541 | 4.541 | 0 | %100 |
| 98 | M71 | Z | 7.866 | 7.866 | 0 | %100 |
| 99 | M72 | X | 4.541 | 4.541 | 0 | %100 |
| 100 | M72 | Z | 7.866 | 7.866 | 0 | %100 |
| 101 | M73 | X | 2.01 | 2.01 | 0 | %100 |
| 102 | M73 | Z | 3.481 | 3.481 | 0 | %100 |
| 103 | M74 | X | 2.01 | 2.01 | 0 | %100 |
| 104 | M74 | Z | 3.481 | 3.481 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 105 | M75 | X | 2.01 | 2.01 | 0 | %100 |
| 106 | M75 | Z | 3.481 | 3.481 | 0 | %100 |
| 107 | M76 | X | 2.01 | 2.01 | 0 | %100 |
| 108 | M76 | Z | 3.481 | 3.481 | 0 | %100 |
| 109 | M77 | X | 2.01 | 2.01 | 0 | %100 |
| 110 | M77 | Z | 3.481 | 3.481 | 0 | %100 |
| 111 | M78 | X | 2.01 | 2.01 | 0 | %100 |
| 112 | M78 | Z | 3.481 | 3.481 | 0 | %100 |
| 113 | M79 | X | 2.01 | 2.01 | 0 | %100 |
| 114 | M79 | Z | 3.481 | 3.481 | 0 | %100 |
| 115 | M80 | X | 2.01 | 2.01 | 0 | %100 |
| 116 | M80 | Z | 3.481 | 3.481 | 0 | %100 |
| 117 | M81 | X | 2.01 | 2.01 | 0 | %100 |
| 118 | M81 | Z | 3.481 | 3.481 | 0 | %100 |
| 119 | M82 | X | 2.01 | 2.01 | 0 | %100 |
| 120 | M82 | Z | 3.481 | 3.481 | 0 | %100 |
| 121 | M83 | X | 2.01 | 2.01 | 0 | %100 |
| 122 | M83 | Z | 3.481 | 3.481 | 0 | %100 |
| 123 | M84 | X | 2.01 | 2.01 | 0 | %100 |
| 124 | M84 | Z | 3.481 | 3.481 | 0 | %100 |
| 125 | M85 | X | 2.909 | 2.909 | 0 | %100 |
| 126 | M85 | Z | 5.038 | 5.038 | 0 | %100 |
| 127 | M86 | X | 2.909 | 2.909 | 0 | %100 |
| 128 | M86 | Z | 5.038 | 5.038 | 0 | %100 |
| 129 | M87 | X | 2.909 | 2.909 | 0 | %100 |
| 130 | M87 | Z | 5.038 | 5.038 | 0 | %100 |
| 131 | M88 | X | 3.174 | 3.174 | 0 | %100 |
| 132 | M88 | Z | 5.498 | 5.498 | 0 | %100 |
| 133 | M89 | X | 3.174 | 3.174 | 0 | %100 |
| 134 | M89 | Z | 5.498 | 5.498 | 0 | %100 |
| 135 | M90 | X | 2.909 | 2.909 | 0 | %100 |
| 136 | M90 | Z | 5.038 | 5.038 | 0 | %100 |
| 137 | M91 | X | 2.909 | 2.909 | 0 | %100 |
| 138 | M91 | Z | 5.038 | 5.038 | 0 | %100 |
| 139 | M92 | X | 2.909 | 2.909 | 0 | %100 |
| 140 | M92 | Z | 5.038 | 5.038 | 0 | %100 |
| 141 | M93 | X | 3.174 | 3.174 | 0 | %100 |
| 142 | M93 | Z | 5.498 | 5.498 | 0 | %100 |
| 143 | M94 | X | 3.174 | 3.174 | 0 | %100 |
| 144 | M94 | Z | 5.498 | 5.498 | 0 | %100 |
| 145 | M99 | X | 0 | 0 | 0 | %100 |
| 146 | M99 | Z | 0 | 0 | 0 | %100 |
| 147 | M100 | X | 0 | 0 | 0 | %100 |
| 148 | M100 | Z | 0 | 0 | 0 | %100 |
| 149 | MP1C | X | 4.541 | 4.541 | 0 | %100 |
| 150 | MP1C | Z | 7.866 | 7.866 | 0 | %100 |
| 151 | MP2C | X | 4.541 | 4.541 | 0 | %100 |
| 152 | MP2C | Z | 7.866 | 7.866 | 0 | %100 |
| 153 | MP3C | X | 4.541 | 4.541 | 0 | %100 |
| 154 | MP3C | Z | 7.866 | 7.866 | 0 | %100 |
| 155 | MP4C | X | 4.541 | 4.541 | 0 | %100 |
| 156 | MP4C | Z | 7.866 | 7.866 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 157 | MP5C | X | 4.541 | 4.541 | 0 | %100 |
| 158 | MP5C | Z | 7.866 | 7.866 | 0 | %100 |
| 159 | M116 | X | 1.387 | 1.387 | 0 | %100 |
| 160 | M116 | Z | 2.402 | 2.402 | 0 | %100 |
| 161 | M117 | X | .179 | .179 | 0 | %100 |
| 162 | M117 | Z | .311 | .311 | 0 | %100 |
| 163 | M118 | X | .179 | .179 | 0 | %100 |
| 164 | M118 | Z | .311 | .311 | 0 | %100 |
| 165 | M119 | X | .179 | .179 | 0 | %100 |
| 166 | M119 | Z | .31 | .31 | 0 | %100 |
| 167 | M120 | X | .179 | .179 | 0 | %100 |
| 168 | M120 | Z | .31 | .31 | 0 | %100 |
| 169 | M121 | X | 1.135 | 1.135 | 0 | %100 |
| 170 | M121 | Z | 1.967 | 1.967 | 0 | %100 |
| 171 | M122 | X | 1.135 | 1.135 | 0 | %100 |
| 172 | M122 | Z | 1.967 | 1.967 | 0 | %100 |
| 173 | M123 | X | 1.135 | 1.135 | 0 | %100 |
| 174 | M123 | Z | 1.967 | 1.967 | 0 | %100 |
| 175 | M124 | X | 1.135 | 1.135 | 0 | %100 |
| 176 | M124 | Z | 1.967 | 1.967 | 0 | %100 |
| 177 | M129 | X | 4.541 | 4.541 | 0 | %100 |
| 178 | M129 | Z | 7.866 | 7.866 | 0 | %100 |
| 179 | M130 | X | 4.541 | 4.541 | 0 | %100 |
| 180 | M130 | Z | 7.866 | 7.866 | 0 | %100 |
| 181 | M131 | X | 2.01 | 2.01 | 0 | %100 |
| 182 | M131 | Z | 3.481 | 3.481 | 0 | %100 |
| 183 | M132 | X | 2.01 | 2.01 | 0 | %100 |
| 184 | M132 | Z | 3.481 | 3.481 | 0 | %100 |
| 185 | M133 | X | 2.01 | 2.01 | 0 | %100 |
| 186 | M133 | Z | 3.481 | 3.481 | 0 | %100 |
| 187 | M134 | X | 2.01 | 2.01 | 0 | %100 |
| 188 | M134 | Z | 3.481 | 3.481 | 0 | %100 |
| 189 | M135 | X | 2.01 | 2.01 | 0 | %100 |
| 190 | M135 | Z | 3.481 | 3.481 | 0 | %100 |
| 191 | M136 | X | 2.01 | 2.01 | 0 | %100 |
| 192 | M136 | Z | 3.481 | 3.481 | 0 | %100 |
| 193 | M137 | X | 2.01 | 2.01 | 0 | %100 |
| 194 | M137 | Z | 3.481 | 3.481 | 0 | %100 |
| 195 | M138 | X | 2.01 | 2.01 | 0 | %100 |
| 196 | M138 | Z | 3.481 | 3.481 | 0 | %100 |
| 197 | M139 | X | 2.01 | 2.01 | 0 | %100 |
| 198 | M139 | Z | 3.481 | 3.481 | 0 | %100 |
| 199 | M140 | X | 2.01 | 2.01 | 0 | %100 |
| 200 | M140 | Z | 3.481 | 3.481 | 0 | %100 |
| 201 | M141 | X | 2.01 | 2.01 | 0 | %100 |
| 202 | M141 | Z | 3.481 | 3.481 | 0 | %100 |
| 203 | M142 | X | 2.01 | 2.01 | 0 | %100 |
| 204 | M142 | Z | 3.481 | 3.481 | 0 | %100 |
| 205 | M143 | X | 2.909 | 2.909 | 0 | %100 |
| 206 | M143 | Z | 5.038 | 5.038 | 0 | %100 |
| 207 | M144 | X | 2.909 | 2.909 | 0 | %100 |
| 208 | M144 | Z | 5.038 | 5.038 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 209 | M145 | X | 2.909 | 2.909 | 0 | %100 |
| 210 | M145 | Z | 5.038 | 5.038 | 0 | %100 |
| 211 | M146 | X | 2.152 | 2.152 | 0 | %100 |
| 212 | M146 | Z | 3.727 | 3.727 | 0 | %100 |
| 213 | M147 | X | 2.212 | 2.212 | 0 | %100 |
| 214 | M147 | Z | 3.832 | 3.832 | 0 | %100 |
| 215 | M148 | X | 2.909 | 2.909 | 0 | %100 |
| 216 | M148 | Z | 5.038 | 5.038 | 0 | %100 |
| 217 | M149 | X | 2.909 | 2.909 | 0 | %100 |
| 218 | M149 | Z | 5.038 | 5.038 | 0 | %100 |
| 219 | M150 | X | 2.909 | 2.909 | 0 | %100 |
| 220 | M150 | Z | 5.038 | 5.038 | 0 | %100 |
| 221 | M151 | X | 2.152 | 2.152 | 0 | %100 |
| 222 | M151 | Z | 3.727 | 3.727 | 0 | %100 |
| 223 | M152 | X | 2.212 | 2.212 | 0 | %100 |
| 224 | M152 | Z | 3.832 | 3.832 | 0 | %100 |
| 225 | M157 | X | 4.123 | 4.123 | 0 | %100 |
| 226 | M157 | Z | 7.142 | 7.142 | 0 | %100 |
| 227 | M158 | X | 4.123 | 4.123 | 0 | %100 |
| 228 | M158 | Z | 7.142 | 7.142 | 0 | %100 |
| 229 | MP1B | X | 4.541 | 4.541 | 0 | %100 |
| 230 | MP1B | Z | 7.866 | 7.866 | 0 | %100 |
| 231 | MP2B | X | 4.541 | 4.541 | 0 | %100 |
| 232 | MP2B | Z | 7.866 | 7.866 | 0 | %100 |
| 233 | MP3B | X | 4.541 | 4.541 | 0 | %100 |
| 234 | MP3B | Z | 7.866 | 7.866 | 0 | %100 |
| 235 | MP4B | X | 4.541 | 4.541 | 0 | %100 |
| 236 | MP4B | Z | 7.866 | 7.866 | 0 | %100 |
| 237 | MP5B | X | 4.541 | 4.541 | 0 | %100 |
| 238 | MP5B | Z | 7.866 | 7.866 | 0 | %100 |
| 239 | M174 | X | .996 | .996 | 0 | %100 |
| 240 | M174 | Z | 1.725 | 1.725 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | 0 | 0 | 0 | %100 |
| 2 | M1 | Z | 0 | 0 | 0 | %100 |
| 3 | M2 | X | 0 | 0 | 0 | %100 |
| 4 | M2 | Z | 0 | 0 | 0 | %100 |
| 5 | M3 | X | 0 | 0 | 0 | %100 |
| 6 | M3 | Z | 0 | 0 | 0 | %100 |
| 7 | M4 | X | 0 | 0 | 0 | %100 |
| 8 | M4 | Z | 0 | 0 | 0 | %100 |
| 9 | M5 | X | 0 | 0 | 0 | %100 |
| 10 | M5 | Z | 0 | 0 | 0 | %100 |
| 11 | M6 | X | 0 | 0 | 0 | %100 |
| 12 | M6 | Z | 0 | 0 | 0 | %100 |
| 13 | M7 | X | 0 | 0 | 0 | %100 |
| 14 | M7 | Z | 0 | 0 | 0 | %100 |
| 15 | M8 | X | 0 | 0 | 0 | %100 |
| 16 | M8 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 17 | M13 | X | 0 | 0 | 0 | %100 |
| 18 | M13 | Z | 9.083 | 9.083 | 0 | %100 |
| 19 | M14 | X | 0 | 0 | 0 | %100 |
| 20 | M14 | Z | 9.083 | 9.083 | 0 | %100 |
| 21 | M16 | X | 0 | 0 | 0 | %100 |
| 22 | M16 | Z | 1.434 | 1.434 | 0 | %100 |
| 23 | M17 | X | 0 | 0 | 0 | %100 |
| 24 | M17 | Z | 1.434 | 1.434 | 0 | %100 |
| 25 | M18 | X | 0 | 0 | 0 | %100 |
| 26 | M18 | Z | 1.434 | 1.434 | 0 | %100 |
| 27 | M19 | X | 0 | 0 | 0 | %100 |
| 28 | M19 | Z | 1.434 | 1.434 | 0 | %100 |
| 29 | M20 | X | 0 | 0 | 0 | %100 |
| 30 | M20 | Z | 1.434 | 1.434 | 0 | %100 |
| 31 | M21 | X | 0 | 0 | 0 | %100 |
| 32 | M21 | Z | 1.434 | 1.434 | 0 | %100 |
| 33 | M24 | X | 0 | 0 | 0 | %100 |
| 34 | M24 | Z | 1.434 | 1.434 | 0 | %100 |
| 35 | M25 | X | 0 | 0 | 0 | %100 |
| 36 | M25 | Z | 1.434 | 1.434 | 0 | %100 |
| 37 | M26 | X | 0 | 0 | 0 | %100 |
| 38 | M26 | Z | 1.434 | 1.434 | 0 | %100 |
| 39 | M27 | X | 0 | 0 | 0 | %100 |
| 40 | M27 | Z | 1.434 | 1.434 | 0 | %100 |
| 41 | M28 | X | 0 | 0 | 0 | %100 |
| 42 | M28 | Z | 1.434 | 1.434 | 0 | %100 |
| 43 | M29 | X | 0 | 0 | 0 | %100 |
| 44 | M29 | Z | 1.434 | 1.434 | 0 | %100 |
| 45 | M32 | X | 0 | 0 | 0 | %100 |
| 46 | M32 | Z | 5.817 | 5.817 | 0 | %100 |
| 47 | M33 | X | 0 | 0 | 0 | %100 |
| 48 | M33 | Z | 5.817 | 5.817 | 0 | %100 |
| 49 | M34 | X | 0 | 0 | 0 | %100 |
| 50 | M34 | Z | 5.817 | 5.817 | 0 | %100 |
| 51 | M35 | X | 0 | 0 | 0 | %100 |
| 52 | M35 | Z | 3.622 | 3.622 | 0 | %100 |
| 53 | M36 | X | 0 | 0 | 0 | %100 |
| 54 | M36 | Z | 3.783 | 3.783 | 0 | %100 |
| 55 | M37 | X | 0 | 0 | 0 | %100 |
| 56 | M37 | Z | 5.817 | 5.817 | 0 | %100 |
| 57 | M38 | X | 0 | 0 | 0 | %100 |
| 58 | M38 | Z | 5.817 | 5.817 | 0 | %100 |
| 59 | M39 | X | 0 | 0 | 0 | %100 |
| 60 | M39 | Z | 5.817 | 5.817 | 0 | %100 |
| 61 | M40 | X | 0 | 0 | 0 | %100 |
| 62 | M40 | Z | 3.622 | 3.622 | 0 | %100 |
| 63 | M41 | X | 0 | 0 | 0 | %100 |
| 64 | M41 | Z | 3.783 | 3.783 | 0 | %100 |
| 65 | M41A | X | 0 | 0 | 0 | %100 |
| 66 | M41A | Z | 10.995 | 10.995 | 0 | %100 |
| 67 | FACE | X | 0 | 0 | 0 | %100 |
| 68 | FACE | Z | 10.995 | 10.995 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 69 | MP1A | X | 0 | 0 | 0 | %100 |
| 70 | MP1A | Z | 9.083 | 9.083 | 0 | %100 |
| 71 | MP2A | X | 0 | 0 | 0 | %100 |
| 72 | MP2A | Z | 9.083 | 9.083 | 0 | %100 |
| 73 | MP3A | X | 0 | 0 | 0 | %100 |
| 74 | MP3A | Z | 9.083 | 9.083 | 0 | %100 |
| 75 | MP4A | X | 0 | 0 | 0 | %100 |
| 76 | MP4A | Z | 9.083 | 9.083 | 0 | %100 |
| 77 | MP5A | X | 0 | 0 | 0 | %100 |
| 78 | MP5A | Z | 9.083 | 9.083 | 0 | %100 |
| 79 | M58 | X | 0 | 0 | 0 | %100 |
| 80 | M58 | Z | 7.412 | 7.412 | 0 | %100 |
| 81 | M59 | X | 0 | 0 | 0 | %100 |
| 82 | M59 | Z | 1.076 | 1.076 | 0 | %100 |
| 83 | M60 | X | 0 | 0 | 0 | %100 |
| 84 | M60 | Z | 1.076 | 1.076 | 0 | %100 |
| 85 | M61 | X | 0 | 0 | 0 | %100 |
| 86 | M61 | Z | 1.076 | 1.076 | 0 | %100 |
| 87 | M62 | X | 0 | 0 | 0 | %100 |
| 88 | M62 | Z | 1.076 | 1.076 | 0 | %100 |
| 89 | M63 | X | 0 | 0 | 0 | %100 |
| 90 | M63 | Z | 6.812 | 6.812 | 0 | %100 |
| 91 | M64 | X | 0 | 0 | 0 | %100 |
| 92 | M64 | Z | 6.812 | 6.812 | 0 | %100 |
| 93 | M65 | X | 0 | 0 | 0 | %100 |
| 94 | M65 | Z | 6.812 | 6.812 | 0 | %100 |
| 95 | M66 | X | 0 | 0 | 0 | %100 |
| 96 | M66 | Z | 6.812 | 6.812 | 0 | %100 |
| 97 | M71 | X | 0 | 0 | 0 | %100 |
| 98 | M71 | Z | 9.083 | 9.083 | 0 | %100 |
| 99 | M72 | X | 0 | 0 | 0 | %100 |
| 100 | M72 | Z | 9.083 | 9.083 | 0 | %100 |
| 101 | M73 | X | 0 | 0 | 0 | %100 |
| 102 | M73 | Z | 1.434 | 1.434 | 0 | %100 |
| 103 | M74 | X | 0 | 0 | 0 | %100 |
| 104 | M74 | Z | 1.434 | 1.434 | 0 | %100 |
| 105 | M75 | X | 0 | 0 | 0 | %100 |
| 106 | M75 | Z | 1.434 | 1.434 | 0 | %100 |
| 107 | M76 | X | 0 | 0 | 0 | %100 |
| 108 | M76 | Z | 1.434 | 1.434 | 0 | %100 |
| 109 | M77 | X | 0 | 0 | 0 | %100 |
| 110 | M77 | Z | 1.434 | 1.434 | 0 | %100 |
| 111 | M78 | X | 0 | 0 | 0 | %100 |
| 112 | M78 | Z | 1.434 | 1.434 | 0 | %100 |
| 113 | M79 | X | 0 | 0 | 0 | %100 |
| 114 | M79 | Z | 1.434 | 1.434 | 0 | %100 |
| 115 | M80 | X | 0 | 0 | 0 | %100 |
| 116 | M80 | Z | 1.434 | 1.434 | 0 | %100 |
| 117 | M81 | X | 0 | 0 | 0 | %100 |
| 118 | M81 | Z | 1.434 | 1.434 | 0 | %100 |
| 119 | M82 | X | 0 | 0 | 0 | %100 |
| 120 | M82 | Z | 1.434 | 1.434 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 121 | M83 | X | 0 | 0 | 0 | %100 |
| 122 | M83 | Z | 1.434 | 1.434 | 0 | %100 |
| 123 | M84 | X | 0 | 0 | 0 | %100 |
| 124 | M84 | Z | 1.434 | 1.434 | 0 | %100 |
| 125 | M85 | X | 0 | 0 | 0 | %100 |
| 126 | M85 | Z | 5.817 | 5.817 | 0 | %100 |
| 127 | M86 | X | 0 | 0 | 0 | %100 |
| 128 | M86 | Z | 5.817 | 5.817 | 0 | %100 |
| 129 | M87 | X | 0 | 0 | 0 | %100 |
| 130 | M87 | Z | 5.817 | 5.817 | 0 | %100 |
| 131 | M88 | X | 0 | 0 | 0 | %100 |
| 132 | M88 | Z | 5.667 | 5.667 | 0 | %100 |
| 133 | M89 | X | 0 | 0 | 0 | %100 |
| 134 | M89 | Z | 5.707 | 5.707 | 0 | %100 |
| 135 | M90 | X | 0 | 0 | 0 | %100 |
| 136 | M90 | Z | 5.817 | 5.817 | 0 | %100 |
| 137 | M91 | X | 0 | 0 | 0 | %100 |
| 138 | M91 | Z | 5.817 | 5.817 | 0 | %100 |
| 139 | M92 | X | 0 | 0 | 0 | %100 |
| 140 | M92 | Z | 5.817 | 5.817 | 0 | %100 |
| 141 | M93 | X | 0 | 0 | 0 | %100 |
| 142 | M93 | Z | 5.667 | 5.667 | 0 | %100 |
| 143 | M94 | X | 0 | 0 | 0 | %100 |
| 144 | M94 | Z | 5.707 | 5.707 | 0 | %100 |
| 145 | M99 | X | 0 | 0 | 0 | %100 |
| 146 | M99 | Z | 2.749 | 2.749 | 0 | %100 |
| 147 | M100 | X | 0 | 0 | 0 | %100 |
| 148 | M100 | Z | 2.749 | 2.749 | 0 | %100 |
| 149 | MP1C | X | 0 | 0 | 0 | %100 |
| 150 | MP1C | Z | 9.083 | 9.083 | 0 | %100 |
| 151 | MP2C | X | 0 | 0 | 0 | %100 |
| 152 | MP2C | Z | 9.083 | 9.083 | 0 | %100 |
| 153 | MP3C | X | 0 | 0 | 0 | %100 |
| 154 | MP3C | Z | 9.083 | 9.083 | 0 | %100 |
| 155 | MP4C | X | 0 | 0 | 0 | %100 |
| 156 | MP4C | Z | 9.083 | 9.083 | 0 | %100 |
| 157 | MP5C | X | 0 | 0 | 0 | %100 |
| 158 | MP5C | Z | 9.083 | 9.083 | 0 | %100 |
| 159 | M116 | X | 0 | 0 | 0 | %100 |
| 160 | M116 | Z | 8.272 | 8.272 | 0 | %100 |
| 161 | M117 | X | 0 | 0 | 0 | %100 |
| 162 | M117 | Z | 1.076 | 1.076 | 0 | %100 |
| 163 | M118 | X | 0 | 0 | 0 | %100 |
| 164 | M118 | Z | 1.076 | 1.076 | 0 | %100 |
| 165 | M119 | X | 0 | 0 | 0 | %100 |
| 166 | M119 | Z | 1.076 | 1.076 | 0 | %100 |
| 167 | M120 | X | 0 | 0 | 0 | %100 |
| 168 | M120 | Z | 1.076 | 1.076 | 0 | %100 |
| 169 | M121 | X | 0 | 0 | 0 | %100 |
| 170 | M121 | Z | 6.812 | 6.812 | 0 | %100 |
| 171 | M122 | X | 0 | 0 | 0 | %100 |
| 172 | M122 | Z | 6.812 | 6.812 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 173 | M123 | X | 0 | 0 | 0 | %100 |
| 174 | M123 | Z | 6.812 | 6.812 | 0 | %100 |
| 175 | M124 | X | 0 | 0 | 0 | %100 |
| 176 | M124 | Z | 6.812 | 6.812 | 0 | %100 |
| 177 | M129 | X | 0 | 0 | 0 | %100 |
| 178 | M129 | Z | 9.083 | 9.083 | 0 | %100 |
| 179 | M130 | X | 0 | 0 | 0 | %100 |
| 180 | M130 | Z | 9.083 | 9.083 | 0 | %100 |
| 181 | M131 | X | 0 | 0 | 0 | %100 |
| 182 | M131 | Z | 1.434 | 1.434 | 0 | %100 |
| 183 | M132 | X | 0 | 0 | 0 | %100 |
| 184 | M132 | Z | 1.434 | 1.434 | 0 | %100 |
| 185 | M133 | X | 0 | 0 | 0 | %100 |
| 186 | M133 | Z | 1.434 | 1.434 | 0 | %100 |
| 187 | M134 | X | 0 | 0 | 0 | %100 |
| 188 | M134 | Z | 1.434 | 1.434 | 0 | %100 |
| 189 | M135 | X | 0 | 0 | 0 | %100 |
| 190 | M135 | Z | 1.434 | 1.434 | 0 | %100 |
| 191 | M136 | X | 0 | 0 | 0 | %100 |
| 192 | M136 | Z | 1.434 | 1.434 | 0 | %100 |
| 193 | M137 | X | 0 | 0 | 0 | %100 |
| 194 | M137 | Z | 1.434 | 1.434 | 0 | %100 |
| 195 | M138 | X | 0 | 0 | 0 | %100 |
| 196 | M138 | Z | 1.434 | 1.434 | 0 | %100 |
| 197 | M139 | X | 0 | 0 | 0 | %100 |
| 198 | M139 | Z | 1.434 | 1.434 | 0 | %100 |
| 199 | M140 | X | 0 | 0 | 0 | %100 |
| 200 | M140 | Z | 1.434 | 1.434 | 0 | %100 |
| 201 | M141 | X | 0 | 0 | 0 | %100 |
| 202 | M141 | Z | 1.434 | 1.434 | 0 | %100 |
| 203 | M142 | X | 0 | 0 | 0 | %100 |
| 204 | M142 | Z | 1.434 | 1.434 | 0 | %100 |
| 205 | M143 | X | 0 | 0 | 0 | %100 |
| 206 | M143 | Z | 5.817 | 5.817 | 0 | %100 |
| 207 | M144 | X | 0 | 0 | 0 | %100 |
| 208 | M144 | Z | 5.817 | 5.817 | 0 | %100 |
| 209 | M145 | X | 0 | 0 | 0 | %100 |
| 210 | M145 | Z | 5.817 | 5.817 | 0 | %100 |
| 211 | M146 | X | 0 | 0 | 0 | %100 |
| 212 | M146 | Z | 5.667 | 5.667 | 0 | %100 |
| 213 | M147 | X | 0 | 0 | 0 | %100 |
| 214 | M147 | Z | 5.707 | 5.707 | 0 | %100 |
| 215 | M148 | X | 0 | 0 | 0 | %100 |
| 216 | M148 | Z | 5.817 | 5.817 | 0 | %100 |
| 217 | M149 | X | 0 | 0 | 0 | %100 |
| 218 | M149 | Z | 5.817 | 5.817 | 0 | %100 |
| 219 | M150 | X | 0 | 0 | 0 | %100 |
| 220 | M150 | Z | 5.817 | 5.817 | 0 | %100 |
| 221 | M151 | X | 0 | 0 | 0 | %100 |
| 222 | M151 | Z | 5.667 | 5.667 | 0 | %100 |
| 223 | M152 | X | 0 | 0 | 0 | %100 |
| 224 | M152 | Z | 5.707 | 5.707 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 225 | M157 | X | 0 | 0 | 0 | %100 |
| 226 | M157 | Z | 2.749 | 2.749 | 0 | %100 |
| 227 | M158 | X | 0 | 0 | 0 | %100 |
| 228 | M158 | Z | 2.749 | 2.749 | 0 | %100 |
| 229 | MP1B | X | 0 | 0 | 0 | %100 |
| 230 | MP1B | Z | 9.083 | 9.083 | 0 | %100 |
| 231 | MP2B | X | 0 | 0 | 0 | %100 |
| 232 | MP2B | Z | 9.083 | 9.083 | 0 | %100 |
| 233 | MP3B | X | 0 | 0 | 0 | %100 |
| 234 | MP3B | Z | 9.083 | 9.083 | 0 | %100 |
| 235 | MP4B | X | 0 | 0 | 0 | %100 |
| 236 | MP4B | Z | 9.083 | 9.083 | 0 | %100 |
| 237 | MP5B | X | 0 | 0 | 0 | %100 |
| 238 | MP5B | Z | 9.083 | 9.083 | 0 | %100 |
| 239 | M174 | X | 0 | 0 | 0 | %100 |
| 240 | M174 | Z | .077 | .077 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | -.179 | -.179 | 0 | %100 |
| 2 | M1 | Z | .311 | .311 | 0 | %100 |
| 3 | M2 | X | -.179 | -.179 | 0 | %100 |
| 4 | M2 | Z | .311 | .311 | 0 | %100 |
| 5 | M3 | X | -.179 | -.179 | 0 | %100 |
| 6 | M3 | Z | .311 | .311 | 0 | %100 |
| 7 | M4 | X | -.179 | -.179 | 0 | %100 |
| 8 | M4 | Z | .311 | .311 | 0 | %100 |
| 9 | M5 | X | -1.135 | -1.135 | 0 | %100 |
| 10 | M5 | Z | 1.967 | 1.967 | 0 | %100 |
| 11 | M6 | X | -1.135 | -1.135 | 0 | %100 |
| 12 | M6 | Z | 1.967 | 1.967 | 0 | %100 |
| 13 | M7 | X | -1.135 | -1.135 | 0 | %100 |
| 14 | M7 | Z | 1.967 | 1.967 | 0 | %100 |
| 15 | M8 | X | -1.135 | -1.135 | 0 | %100 |
| 16 | M8 | Z | 1.967 | 1.967 | 0 | %100 |
| 17 | M13 | X | -4.541 | -4.541 | 0 | %100 |
| 18 | M13 | Z | 7.866 | 7.866 | 0 | %100 |
| 19 | M14 | X | -4.541 | -4.541 | 0 | %100 |
| 20 | M14 | Z | 7.866 | 7.866 | 0 | %100 |
| 21 | M16 | X | -2.01 | -2.01 | 0 | %100 |
| 22 | M16 | Z | 3.481 | 3.481 | 0 | %100 |
| 23 | M17 | X | -2.01 | -2.01 | 0 | %100 |
| 24 | M17 | Z | 3.481 | 3.481 | 0 | %100 |
| 25 | M18 | X | -2.01 | -2.01 | 0 | %100 |
| 26 | M18 | Z | 3.481 | 3.481 | 0 | %100 |
| 27 | M19 | X | -2.01 | -2.01 | 0 | %100 |
| 28 | M19 | Z | 3.481 | 3.481 | 0 | %100 |
| 29 | M20 | X | -2.01 | -2.01 | 0 | %100 |
| 30 | M20 | Z | 3.481 | 3.481 | 0 | %100 |
| 31 | M21 | X | -2.01 | -2.01 | 0 | %100 |
| 32 | M21 | Z | 3.481 | 3.481 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 33 | M24 | X | -2.01 | -2.01 | 0 | %100 |
| 34 | M24 | Z | 3.481 | 3.481 | 0 | %100 |
| 35 | M25 | X | -2.01 | -2.01 | 0 | %100 |
| 36 | M25 | Z | 3.481 | 3.481 | 0 | %100 |
| 37 | M26 | X | -2.01 | -2.01 | 0 | %100 |
| 38 | M26 | Z | 3.481 | 3.481 | 0 | %100 |
| 39 | M27 | X | -2.01 | -2.01 | 0 | %100 |
| 40 | M27 | Z | 3.481 | 3.481 | 0 | %100 |
| 41 | M28 | X | -2.01 | -2.01 | 0 | %100 |
| 42 | M28 | Z | 3.481 | 3.481 | 0 | %100 |
| 43 | M29 | X | -2.01 | -2.01 | 0 | %100 |
| 44 | M29 | Z | 3.481 | 3.481 | 0 | %100 |
| 45 | M32 | X | -2.909 | -2.909 | 0 | %100 |
| 46 | M32 | Z | 5.038 | 5.038 | 0 | %100 |
| 47 | M33 | X | -2.909 | -2.909 | 0 | %100 |
| 48 | M33 | Z | 5.038 | 5.038 | 0 | %100 |
| 49 | M34 | X | -2.909 | -2.909 | 0 | %100 |
| 50 | M34 | Z | 5.038 | 5.038 | 0 | %100 |
| 51 | M35 | X | -2.152 | -2.152 | 0 | %100 |
| 52 | M35 | Z | 3.727 | 3.727 | 0 | %100 |
| 53 | M36 | X | -2.212 | -2.212 | 0 | %100 |
| 54 | M36 | Z | 3.832 | 3.832 | 0 | %100 |
| 55 | M37 | X | -2.909 | -2.909 | 0 | %100 |
| 56 | M37 | Z | 5.038 | 5.038 | 0 | %100 |
| 57 | M38 | X | -2.909 | -2.909 | 0 | %100 |
| 58 | M38 | Z | 5.038 | 5.038 | 0 | %100 |
| 59 | M39 | X | -2.909 | -2.909 | 0 | %100 |
| 60 | M39 | Z | 5.038 | 5.038 | 0 | %100 |
| 61 | M40 | X | -2.152 | -2.152 | 0 | %100 |
| 62 | M40 | Z | 3.727 | 3.727 | 0 | %100 |
| 63 | M41 | X | -2.212 | -2.212 | 0 | %100 |
| 64 | M41 | Z | 3.832 | 3.832 | 0 | %100 |
| 65 | M41A | X | -4.123 | -4.123 | 0 | %100 |
| 66 | M41A | Z | 7.142 | 7.142 | 0 | %100 |
| 67 | FACE | X | -4.123 | -4.123 | 0 | %100 |
| 68 | FACE | Z | 7.142 | 7.142 | 0 | %100 |
| 69 | MP1A | X | -4.541 | -4.541 | 0 | %100 |
| 70 | MP1A | Z | 7.866 | 7.866 | 0 | %100 |
| 71 | MP2A | X | -4.541 | -4.541 | 0 | %100 |
| 72 | MP2A | Z | 7.866 | 7.866 | 0 | %100 |
| 73 | MP3A | X | -4.541 | -4.541 | 0 | %100 |
| 74 | MP3A | Z | 7.866 | 7.866 | 0 | %100 |
| 75 | MP4A | X | -4.541 | -4.541 | 0 | %100 |
| 76 | MP4A | Z | 7.866 | 7.866 | 0 | %100 |
| 77 | MP5A | X | -4.541 | -4.541 | 0 | %100 |
| 78 | MP5A | Z | 7.866 | 7.866 | 0 | %100 |
| 79 | M58 | X | -.996 | -.996 | 0 | %100 |
| 80 | M58 | Z | 1.725 | 1.725 | 0 | %100 |
| 81 | M59 | X | -.179 | -.179 | 0 | %100 |
| 82 | M59 | Z | .31 | .31 | 0 | %100 |
| 83 | M60 | X | -.179 | -.179 | 0 | %100 |
| 84 | M60 | Z | .31 | .31 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 85 | M61 | X | -.179 | -.179 | 0 | %100 |
| 86 | M61 | Z | .311 | .311 | 0 | %100 |
| 87 | M62 | X | -.179 | -.179 | 0 | %100 |
| 88 | M62 | Z | .311 | .311 | 0 | %100 |
| 89 | M63 | X | -1.135 | -1.135 | 0 | %100 |
| 90 | M63 | Z | 1.967 | 1.967 | 0 | %100 |
| 91 | M64 | X | -1.135 | -1.135 | 0 | %100 |
| 92 | M64 | Z | 1.967 | 1.967 | 0 | %100 |
| 93 | M65 | X | -1.135 | -1.135 | 0 | %100 |
| 94 | M65 | Z | 1.967 | 1.967 | 0 | %100 |
| 95 | M66 | X | -1.135 | -1.135 | 0 | %100 |
| 96 | M66 | Z | 1.967 | 1.967 | 0 | %100 |
| 97 | M71 | X | -4.541 | -4.541 | 0 | %100 |
| 98 | M71 | Z | 7.866 | 7.866 | 0 | %100 |
| 99 | M72 | X | -4.541 | -4.541 | 0 | %100 |
| 100 | M72 | Z | 7.866 | 7.866 | 0 | %100 |
| 101 | M73 | X | -2.01 | -2.01 | 0 | %100 |
| 102 | M73 | Z | 3.481 | 3.481 | 0 | %100 |
| 103 | M74 | X | -2.01 | -2.01 | 0 | %100 |
| 104 | M74 | Z | 3.481 | 3.481 | 0 | %100 |
| 105 | M75 | X | -2.01 | -2.01 | 0 | %100 |
| 106 | M75 | Z | 3.481 | 3.481 | 0 | %100 |
| 107 | M76 | X | -2.01 | -2.01 | 0 | %100 |
| 108 | M76 | Z | 3.481 | 3.481 | 0 | %100 |
| 109 | M77 | X | -2.01 | -2.01 | 0 | %100 |
| 110 | M77 | Z | 3.481 | 3.481 | 0 | %100 |
| 111 | M78 | X | -2.01 | -2.01 | 0 | %100 |
| 112 | M78 | Z | 3.481 | 3.481 | 0 | %100 |
| 113 | M79 | X | -2.01 | -2.01 | 0 | %100 |
| 114 | M79 | Z | 3.481 | 3.481 | 0 | %100 |
| 115 | M80 | X | -2.01 | -2.01 | 0 | %100 |
| 116 | M80 | Z | 3.481 | 3.481 | 0 | %100 |
| 117 | M81 | X | -2.01 | -2.01 | 0 | %100 |
| 118 | M81 | Z | 3.481 | 3.481 | 0 | %100 |
| 119 | M82 | X | -2.01 | -2.01 | 0 | %100 |
| 120 | M82 | Z | 3.481 | 3.481 | 0 | %100 |
| 121 | M83 | X | -2.01 | -2.01 | 0 | %100 |
| 122 | M83 | Z | 3.481 | 3.481 | 0 | %100 |
| 123 | M84 | X | -2.01 | -2.01 | 0 | %100 |
| 124 | M84 | Z | 3.481 | 3.481 | 0 | %100 |
| 125 | M85 | X | -2.909 | -2.909 | 0 | %100 |
| 126 | M85 | Z | 5.038 | 5.038 | 0 | %100 |
| 127 | M86 | X | -2.909 | -2.909 | 0 | %100 |
| 128 | M86 | Z | 5.038 | 5.038 | 0 | %100 |
| 129 | M87 | X | -2.909 | -2.909 | 0 | %100 |
| 130 | M87 | Z | 5.038 | 5.038 | 0 | %100 |
| 131 | M88 | X | -2.152 | -2.152 | 0 | %100 |
| 132 | M88 | Z | 3.727 | 3.727 | 0 | %100 |
| 133 | M89 | X | -2.212 | -2.212 | 0 | %100 |
| 134 | M89 | Z | 3.832 | 3.832 | 0 | %100 |
| 135 | M90 | X | -2.909 | -2.909 | 0 | %100 |
| 136 | M90 | Z | 5.038 | 5.038 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 137 | M91 | X | -2.909 | -2.909 | 0 | %100 |
| 138 | M91 | Z | 5.038 | 5.038 | 0 | %100 |
| 139 | M92 | X | -2.909 | -2.909 | 0 | %100 |
| 140 | M92 | Z | 5.038 | 5.038 | 0 | %100 |
| 141 | M93 | X | -2.152 | -2.152 | 0 | %100 |
| 142 | M93 | Z | 3.727 | 3.727 | 0 | %100 |
| 143 | M94 | X | -2.212 | -2.212 | 0 | %100 |
| 144 | M94 | Z | 3.832 | 3.832 | 0 | %100 |
| 145 | M99 | X | -4.123 | -4.123 | 0 | %100 |
| 146 | M99 | Z | 7.142 | 7.142 | 0 | %100 |
| 147 | M100 | X | -4.123 | -4.123 | 0 | %100 |
| 148 | M100 | Z | 7.142 | 7.142 | 0 | %100 |
| 149 | MP1C | X | -4.541 | -4.541 | 0 | %100 |
| 150 | MP1C | Z | 7.866 | 7.866 | 0 | %100 |
| 151 | MP2C | X | -4.541 | -4.541 | 0 | %100 |
| 152 | MP2C | Z | 7.866 | 7.866 | 0 | %100 |
| 153 | MP3C | X | -4.541 | -4.541 | 0 | %100 |
| 154 | MP3C | Z | 7.866 | 7.866 | 0 | %100 |
| 155 | MP4C | X | -4.541 | -4.541 | 0 | %100 |
| 156 | MP4C | Z | 7.866 | 7.866 | 0 | %100 |
| 157 | MP5C | X | -4.541 | -4.541 | 0 | %100 |
| 158 | MP5C | Z | 7.866 | 7.866 | 0 | %100 |
| 159 | M116 | X | -5.498 | -5.498 | 0 | %100 |
| 160 | M116 | Z | 9.522 | 9.522 | 0 | %100 |
| 161 | M117 | X | -.717 | -.717 | 0 | %100 |
| 162 | M117 | Z | 1.242 | 1.242 | 0 | %100 |
| 163 | M118 | X | -.717 | -.717 | 0 | %100 |
| 164 | M118 | Z | 1.242 | 1.242 | 0 | %100 |
| 165 | M119 | X | -.717 | -.717 | 0 | %100 |
| 166 | M119 | Z | 1.242 | 1.242 | 0 | %100 |
| 167 | M120 | X | -.717 | -.717 | 0 | %100 |
| 168 | M120 | Z | 1.242 | 1.242 | 0 | %100 |
| 169 | M121 | X | -4.541 | -4.541 | 0 | %100 |
| 170 | M121 | Z | 7.866 | 7.866 | 0 | %100 |
| 171 | M122 | X | -4.541 | -4.541 | 0 | %100 |
| 172 | M122 | Z | 7.866 | 7.866 | 0 | %100 |
| 173 | M123 | X | -4.541 | -4.541 | 0 | %100 |
| 174 | M123 | Z | 7.866 | 7.866 | 0 | %100 |
| 175 | M124 | X | -4.541 | -4.541 | 0 | %100 |
| 176 | M124 | Z | 7.866 | 7.866 | 0 | %100 |
| 177 | M129 | X | -4.541 | -4.541 | 0 | %100 |
| 178 | M129 | Z | 7.866 | 7.866 | 0 | %100 |
| 179 | M130 | X | -4.541 | -4.541 | 0 | %100 |
| 180 | M130 | Z | 7.866 | 7.866 | 0 | %100 |
| 181 | M131 | X | -2.01 | -2.01 | 0 | %100 |
| 182 | M131 | Z | 3.481 | 3.481 | 0 | %100 |
| 183 | M132 | X | -2.01 | -2.01 | 0 | %100 |
| 184 | M132 | Z | 3.481 | 3.481 | 0 | %100 |
| 185 | M133 | X | -2.01 | -2.01 | 0 | %100 |
| 186 | M133 | Z | 3.481 | 3.481 | 0 | %100 |
| 187 | M134 | X | -2.01 | -2.01 | 0 | %100 |
| 188 | M134 | Z | 3.481 | 3.481 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 189 | M135 | X | -2.01 | -2.01 | 0 | %100 |
| 190 | M135 | Z | 3.481 | 3.481 | 0 | %100 |
| 191 | M136 | X | -2.01 | -2.01 | 0 | %100 |
| 192 | M136 | Z | 3.481 | 3.481 | 0 | %100 |
| 193 | M137 | X | -2.01 | -2.01 | 0 | %100 |
| 194 | M137 | Z | 3.481 | 3.481 | 0 | %100 |
| 195 | M138 | X | -2.01 | -2.01 | 0 | %100 |
| 196 | M138 | Z | 3.481 | 3.481 | 0 | %100 |
| 197 | M139 | X | -2.01 | -2.01 | 0 | %100 |
| 198 | M139 | Z | 3.481 | 3.481 | 0 | %100 |
| 199 | M140 | X | -2.01 | -2.01 | 0 | %100 |
| 200 | M140 | Z | 3.481 | 3.481 | 0 | %100 |
| 201 | M141 | X | -2.01 | -2.01 | 0 | %100 |
| 202 | M141 | Z | 3.481 | 3.481 | 0 | %100 |
| 203 | M142 | X | -2.01 | -2.01 | 0 | %100 |
| 204 | M142 | Z | 3.481 | 3.481 | 0 | %100 |
| 205 | M143 | X | -2.909 | -2.909 | 0 | %100 |
| 206 | M143 | Z | 5.038 | 5.038 | 0 | %100 |
| 207 | M144 | X | -2.909 | -2.909 | 0 | %100 |
| 208 | M144 | Z | 5.038 | 5.038 | 0 | %100 |
| 209 | M145 | X | -2.909 | -2.909 | 0 | %100 |
| 210 | M145 | Z | 5.038 | 5.038 | 0 | %100 |
| 211 | M146 | X | -3.174 | -3.174 | 0 | %100 |
| 212 | M146 | Z | 5.498 | 5.498 | 0 | %100 |
| 213 | M147 | X | -3.174 | -3.174 | 0 | %100 |
| 214 | M147 | Z | 5.498 | 5.498 | 0 | %100 |
| 215 | M148 | X | -2.909 | -2.909 | 0 | %100 |
| 216 | M148 | Z | 5.038 | 5.038 | 0 | %100 |
| 217 | M149 | X | -2.909 | -2.909 | 0 | %100 |
| 218 | M149 | Z | 5.038 | 5.038 | 0 | %100 |
| 219 | M150 | X | -2.909 | -2.909 | 0 | %100 |
| 220 | M150 | Z | 5.038 | 5.038 | 0 | %100 |
| 221 | M151 | X | -3.174 | -3.174 | 0 | %100 |
| 222 | M151 | Z | 5.498 | 5.498 | 0 | %100 |
| 223 | M152 | X | -3.174 | -3.174 | 0 | %100 |
| 224 | M152 | Z | 5.498 | 5.498 | 0 | %100 |
| 225 | M157 | X | 0 | 0 | 0 | %100 |
| 226 | M157 | Z | 0 | 0 | 0 | %100 |
| 227 | M158 | X | 0 | 0 | 0 | %100 |
| 228 | M158 | Z | 0 | 0 | 0 | %100 |
| 229 | MP1B | X | -4.541 | -4.541 | 0 | %100 |
| 230 | MP1B | Z | 7.866 | 7.866 | 0 | %100 |
| 231 | MP2B | X | -4.541 | -4.541 | 0 | %100 |
| 232 | MP2B | Z | 7.866 | 7.866 | 0 | %100 |
| 233 | MP3B | X | -4.541 | -4.541 | 0 | %100 |
| 234 | MP3B | Z | 7.866 | 7.866 | 0 | %100 |
| 235 | MP4B | X | -4.541 | -4.541 | 0 | %100 |
| 236 | MP4B | Z | 7.866 | 7.866 | 0 | %100 |
| 237 | MP5B | X | -4.541 | -4.541 | 0 | %100 |
| 238 | MP5B | Z | 7.866 | 7.866 | 0 | %100 |
| 239 | M174 | X | -1.791 | -1.791 | 0 | %100 |
| 240 | M174 | Z | 3.103 | 3.103 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | -.932 | -.932 | 0 | %100 |
| 2 | M1 | Z | .538 | .538 | 0 | %100 |
| 3 | M2 | X | -.932 | -.932 | 0 | %100 |
| 4 | M2 | Z | .538 | .538 | 0 | %100 |
| 5 | M3 | X | -.932 | -.932 | 0 | %100 |
| 6 | M3 | Z | .538 | .538 | 0 | %100 |
| 7 | M4 | X | -.932 | -.932 | 0 | %100 |
| 8 | M4 | Z | .538 | .538 | 0 | %100 |
| 9 | M5 | X | -5.9 | -5.9 | 0 | %100 |
| 10 | M5 | Z | 3.406 | 3.406 | 0 | %100 |
| 11 | M6 | X | -5.9 | -5.9 | 0 | %100 |
| 12 | M6 | Z | 3.406 | 3.406 | 0 | %100 |
| 13 | M7 | X | -5.9 | -5.9 | 0 | %100 |
| 14 | M7 | Z | 3.406 | 3.406 | 0 | %100 |
| 15 | M8 | X | -5.9 | -5.9 | 0 | %100 |
| 16 | M8 | Z | 3.406 | 3.406 | 0 | %100 |
| 17 | M13 | X | -7.866 | -7.866 | 0 | %100 |
| 18 | M13 | Z | 4.541 | 4.541 | 0 | %100 |
| 19 | M14 | X | -7.866 | -7.866 | 0 | %100 |
| 20 | M14 | Z | 4.541 | 4.541 | 0 | %100 |
| 21 | M16 | X | -7.958 | -7.958 | 0 | %100 |
| 22 | M16 | Z | 4.595 | 4.595 | 0 | %100 |
| 23 | M17 | X | -7.958 | -7.958 | 0 | %100 |
| 24 | M17 | Z | 4.595 | 4.595 | 0 | %100 |
| 25 | M18 | X | -7.958 | -7.958 | 0 | %100 |
| 26 | M18 | Z | 4.595 | 4.595 | 0 | %100 |
| 27 | M19 | X | -7.958 | -7.958 | 0 | %100 |
| 28 | M19 | Z | 4.595 | 4.595 | 0 | %100 |
| 29 | M20 | X | -7.958 | -7.958 | 0 | %100 |
| 30 | M20 | Z | 4.595 | 4.595 | 0 | %100 |
| 31 | M21 | X | -7.958 | -7.958 | 0 | %100 |
| 32 | M21 | Z | 4.595 | 4.595 | 0 | %100 |
| 33 | M24 | X | -7.958 | -7.958 | 0 | %100 |
| 34 | M24 | Z | 4.595 | 4.595 | 0 | %100 |
| 35 | M25 | X | -7.958 | -7.958 | 0 | %100 |
| 36 | M25 | Z | 4.595 | 4.595 | 0 | %100 |
| 37 | M26 | X | -7.958 | -7.958 | 0 | %100 |
| 38 | M26 | Z | 4.595 | 4.595 | 0 | %100 |
| 39 | M27 | X | -7.958 | -7.958 | 0 | %100 |
| 40 | M27 | Z | 4.595 | 4.595 | 0 | %100 |
| 41 | M28 | X | -7.958 | -7.958 | 0 | %100 |
| 42 | M28 | Z | 4.595 | 4.595 | 0 | %100 |
| 43 | M29 | X | -7.958 | -7.958 | 0 | %100 |
| 44 | M29 | Z | 4.595 | 4.595 | 0 | %100 |
| 45 | M32 | X | -5.038 | -5.038 | 0 | %100 |
| 46 | M32 | Z | 2.909 | 2.909 | 0 | %100 |
| 47 | M33 | X | -5.038 | -5.038 | 0 | %100 |
| 48 | M33 | Z | 2.909 | 2.909 | 0 | %100 |
| 49 | M34 | X | -5.038 | -5.038 | 0 | %100 |
| 50 | M34 | Z | 2.909 | 2.909 | 0 | %100 |
| 51 | M35 | X | -4.908 | -4.908 | 0 | %100 |
| 52 | M35 | Z | 2.833 | 2.833 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 53 | M36 | X | -4.943 | -4.943 | 0 | %100 |
| 54 | M36 | Z | 2.854 | 2.854 | 0 | %100 |
| 55 | M37 | X | -5.038 | -5.038 | 0 | %100 |
| 56 | M37 | Z | 2.909 | 2.909 | 0 | %100 |
| 57 | M38 | X | -5.038 | -5.038 | 0 | %100 |
| 58 | M38 | Z | 2.909 | 2.909 | 0 | %100 |
| 59 | M39 | X | -5.038 | -5.038 | 0 | %100 |
| 60 | M39 | Z | 2.909 | 2.909 | 0 | %100 |
| 61 | M40 | X | -4.908 | -4.908 | 0 | %100 |
| 62 | M40 | Z | 2.833 | 2.833 | 0 | %100 |
| 63 | M41 | X | -4.943 | -4.943 | 0 | %100 |
| 64 | M41 | Z | 2.854 | 2.854 | 0 | %100 |
| 65 | M41A | X | -2.381 | -2.381 | 0 | %100 |
| 66 | M41A | Z | 1.374 | 1.374 | 0 | %100 |
| 67 | FACE | X | -2.381 | -2.381 | 0 | %100 |
| 68 | FACE | Z | 1.374 | 1.374 | 0 | %100 |
| 69 | MP1A | X | -7.866 | -7.866 | 0 | %100 |
| 70 | MP1A | Z | 4.541 | 4.541 | 0 | %100 |
| 71 | MP2A | X | -7.866 | -7.866 | 0 | %100 |
| 72 | MP2A | Z | 4.541 | 4.541 | 0 | %100 |
| 73 | MP3A | X | -7.866 | -7.866 | 0 | %100 |
| 74 | MP3A | Z | 4.541 | 4.541 | 0 | %100 |
| 75 | MP4A | X | -7.866 | -7.866 | 0 | %100 |
| 76 | MP4A | Z | 4.541 | 4.541 | 0 | %100 |
| 77 | MP5A | X | -7.866 | -7.866 | 0 | %100 |
| 78 | MP5A | Z | 4.541 | 4.541 | 0 | %100 |
| 79 | M58 | X | -.067 | -.067 | 0 | %100 |
| 80 | M58 | Z | .039 | .039 | 0 | %100 |
| 81 | M59 | X | 0 | 0 | 0 | %100 |
| 82 | M59 | Z | 0 | 0 | 0 | %100 |
| 83 | M60 | X | 0 | 0 | 0 | %100 |
| 84 | M60 | Z | 0 | 0 | 0 | %100 |
| 85 | M61 | X | 0 | 0 | 0 | %100 |
| 86 | M61 | Z | 0 | 0 | 0 | %100 |
| 87 | M62 | X | 0 | 0 | 0 | %100 |
| 88 | M62 | Z | 0 | 0 | 0 | %100 |
| 89 | M63 | X | 0 | 0 | 0 | %100 |
| 90 | M63 | Z | 0 | 0 | 0 | %100 |
| 91 | M64 | X | 0 | 0 | 0 | %100 |
| 92 | M64 | Z | 0 | 0 | 0 | %100 |
| 93 | M65 | X | 0 | 0 | 0 | %100 |
| 94 | M65 | Z | 0 | 0 | 0 | %100 |
| 95 | M66 | X | 0 | 0 | 0 | %100 |
| 96 | M66 | Z | 0 | 0 | 0 | %100 |
| 97 | M71 | X | -7.866 | -7.866 | 0 | %100 |
| 98 | M71 | Z | 4.541 | 4.541 | 0 | %100 |
| 99 | M72 | X | -7.866 | -7.866 | 0 | %100 |
| 100 | M72 | Z | 4.541 | 4.541 | 0 | %100 |
| 101 | M73 | X | -7.958 | -7.958 | 0 | %100 |
| 102 | M73 | Z | 4.595 | 4.595 | 0 | %100 |
| 103 | M74 | X | -7.958 | -7.958 | 0 | %100 |
| 104 | M74 | Z | 4.595 | 4.595 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 105 | M75 | X | -7.958 | -7.958 | 0 | %100 |
| 106 | M75 | Z | 4.595 | 4.595 | 0 | %100 |
| 107 | M76 | X | -7.958 | -7.958 | 0 | %100 |
| 108 | M76 | Z | 4.595 | 4.595 | 0 | %100 |
| 109 | M77 | X | -7.958 | -7.958 | 0 | %100 |
| 110 | M77 | Z | 4.595 | 4.595 | 0 | %100 |
| 111 | M78 | X | -7.958 | -7.958 | 0 | %100 |
| 112 | M78 | Z | 4.595 | 4.595 | 0 | %100 |
| 113 | M79 | X | -7.958 | -7.958 | 0 | %100 |
| 114 | M79 | Z | 4.595 | 4.595 | 0 | %100 |
| 115 | M80 | X | -7.958 | -7.958 | 0 | %100 |
| 116 | M80 | Z | 4.595 | 4.595 | 0 | %100 |
| 117 | M81 | X | -7.958 | -7.958 | 0 | %100 |
| 118 | M81 | Z | 4.595 | 4.595 | 0 | %100 |
| 119 | M82 | X | -7.958 | -7.958 | 0 | %100 |
| 120 | M82 | Z | 4.595 | 4.595 | 0 | %100 |
| 121 | M83 | X | -7.958 | -7.958 | 0 | %100 |
| 122 | M83 | Z | 4.595 | 4.595 | 0 | %100 |
| 123 | M84 | X | -7.958 | -7.958 | 0 | %100 |
| 124 | M84 | Z | 4.595 | 4.595 | 0 | %100 |
| 125 | M85 | X | -5.038 | -5.038 | 0 | %100 |
| 126 | M85 | Z | 2.909 | 2.909 | 0 | %100 |
| 127 | M86 | X | -5.038 | -5.038 | 0 | %100 |
| 128 | M86 | Z | 2.909 | 2.909 | 0 | %100 |
| 129 | M87 | X | -5.038 | -5.038 | 0 | %100 |
| 130 | M87 | Z | 2.909 | 2.909 | 0 | %100 |
| 131 | M88 | X | -3.137 | -3.137 | 0 | %100 |
| 132 | M88 | Z | 1.811 | 1.811 | 0 | %100 |
| 133 | M89 | X | -3.276 | -3.276 | 0 | %100 |
| 134 | M89 | Z | 1.891 | 1.891 | 0 | %100 |
| 135 | M90 | X | -5.038 | -5.038 | 0 | %100 |
| 136 | M90 | Z | 2.909 | 2.909 | 0 | %100 |
| 137 | M91 | X | -5.038 | -5.038 | 0 | %100 |
| 138 | M91 | Z | 2.909 | 2.909 | 0 | %100 |
| 139 | M92 | X | -5.038 | -5.038 | 0 | %100 |
| 140 | M92 | Z | 2.909 | 2.909 | 0 | %100 |
| 141 | M93 | X | -3.137 | -3.137 | 0 | %100 |
| 142 | M93 | Z | 1.811 | 1.811 | 0 | %100 |
| 143 | M94 | X | -3.276 | -3.276 | 0 | %100 |
| 144 | M94 | Z | 1.891 | 1.891 | 0 | %100 |
| 145 | M99 | X | -9.522 | -9.522 | 0 | %100 |
| 146 | M99 | Z | 5.498 | 5.498 | 0 | %100 |
| 147 | M100 | X | -9.522 | -9.522 | 0 | %100 |
| 148 | M100 | Z | 5.498 | 5.498 | 0 | %100 |
| 149 | MP1C | X | -7.866 | -7.866 | 0 | %100 |
| 150 | MP1C | Z | 4.541 | 4.541 | 0 | %100 |
| 151 | MP2C | X | -7.866 | -7.866 | 0 | %100 |
| 152 | MP2C | Z | 4.541 | 4.541 | 0 | %100 |
| 153 | MP3C | X | -7.866 | -7.866 | 0 | %100 |
| 154 | MP3C | Z | 4.541 | 4.541 | 0 | %100 |
| 155 | MP4C | X | -7.866 | -7.866 | 0 | %100 |
| 156 | MP4C | Z | 4.541 | 4.541 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 157 | MP5C | X | -7.866 | -7.866 | 0 | %100 |
| 158 | MP5C | Z | 4.541 | 4.541 | 0 | %100 |
| 159 | M116 | X | -7.12 | -7.12 | 0 | %100 |
| 160 | M116 | Z | 4.111 | 4.111 | 0 | %100 |
| 161 | M117 | X | -.931 | -.931 | 0 | %100 |
| 162 | M117 | Z | .538 | .538 | 0 | %100 |
| 163 | M118 | X | -.931 | -.931 | 0 | %100 |
| 164 | M118 | Z | .538 | .538 | 0 | %100 |
| 165 | M119 | X | -.932 | -.932 | 0 | %100 |
| 166 | M119 | Z | .538 | .538 | 0 | %100 |
| 167 | M120 | X | -.932 | -.932 | 0 | %100 |
| 168 | M120 | Z | .538 | .538 | 0 | %100 |
| 169 | M121 | X | -5.9 | -5.9 | 0 | %100 |
| 170 | M121 | Z | 3.406 | 3.406 | 0 | %100 |
| 171 | M122 | X | -5.9 | -5.9 | 0 | %100 |
| 172 | M122 | Z | 3.406 | 3.406 | 0 | %100 |
| 173 | M123 | X | -5.9 | -5.9 | 0 | %100 |
| 174 | M123 | Z | 3.406 | 3.406 | 0 | %100 |
| 175 | M124 | X | -5.9 | -5.9 | 0 | %100 |
| 176 | M124 | Z | 3.406 | 3.406 | 0 | %100 |
| 177 | M129 | X | -7.866 | -7.866 | 0 | %100 |
| 178 | M129 | Z | 4.541 | 4.541 | 0 | %100 |
| 179 | M130 | X | -7.866 | -7.866 | 0 | %100 |
| 180 | M130 | Z | 4.541 | 4.541 | 0 | %100 |
| 181 | M131 | X | -7.958 | -7.958 | 0 | %100 |
| 182 | M131 | Z | 4.595 | 4.595 | 0 | %100 |
| 183 | M132 | X | -7.958 | -7.958 | 0 | %100 |
| 184 | M132 | Z | 4.595 | 4.595 | 0 | %100 |
| 185 | M133 | X | -7.958 | -7.958 | 0 | %100 |
| 186 | M133 | Z | 4.595 | 4.595 | 0 | %100 |
| 187 | M134 | X | -7.958 | -7.958 | 0 | %100 |
| 188 | M134 | Z | 4.595 | 4.595 | 0 | %100 |
| 189 | M135 | X | -7.958 | -7.958 | 0 | %100 |
| 190 | M135 | Z | 4.595 | 4.595 | 0 | %100 |
| 191 | M136 | X | -7.958 | -7.958 | 0 | %100 |
| 192 | M136 | Z | 4.595 | 4.595 | 0 | %100 |
| 193 | M137 | X | -7.958 | -7.958 | 0 | %100 |
| 194 | M137 | Z | 4.595 | 4.595 | 0 | %100 |
| 195 | M138 | X | -7.958 | -7.958 | 0 | %100 |
| 196 | M138 | Z | 4.595 | 4.595 | 0 | %100 |
| 197 | M139 | X | -7.958 | -7.958 | 0 | %100 |
| 198 | M139 | Z | 4.595 | 4.595 | 0 | %100 |
| 199 | M140 | X | -7.958 | -7.958 | 0 | %100 |
| 200 | M140 | Z | 4.595 | 4.595 | 0 | %100 |
| 201 | M141 | X | -7.958 | -7.958 | 0 | %100 |
| 202 | M141 | Z | 4.595 | 4.595 | 0 | %100 |
| 203 | M142 | X | -7.958 | -7.958 | 0 | %100 |
| 204 | M142 | Z | 4.595 | 4.595 | 0 | %100 |
| 205 | M143 | X | -5.038 | -5.038 | 0 | %100 |
| 206 | M143 | Z | 2.909 | 2.909 | 0 | %100 |
| 207 | M144 | X | -5.038 | -5.038 | 0 | %100 |
| 208 | M144 | Z | 2.909 | 2.909 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 209 | M145 | X | -5.038 | -5.038 | 0 | %100 |
| 210 | M145 | Z | 2.909 | 2.909 | 0 | %100 |
| 211 | M146 | X | -4.908 | -4.908 | 0 | %100 |
| 212 | M146 | Z | 2.833 | 2.833 | 0 | %100 |
| 213 | M147 | X | -4.943 | -4.943 | 0 | %100 |
| 214 | M147 | Z | 2.854 | 2.854 | 0 | %100 |
| 215 | M148 | X | -5.038 | -5.038 | 0 | %100 |
| 216 | M148 | Z | 2.909 | 2.909 | 0 | %100 |
| 217 | M149 | X | -5.038 | -5.038 | 0 | %100 |
| 218 | M149 | Z | 2.909 | 2.909 | 0 | %100 |
| 219 | M150 | X | -5.038 | -5.038 | 0 | %100 |
| 220 | M150 | Z | 2.909 | 2.909 | 0 | %100 |
| 221 | M151 | X | -4.908 | -4.908 | 0 | %100 |
| 222 | M151 | Z | 2.833 | 2.833 | 0 | %100 |
| 223 | M152 | X | -4.943 | -4.943 | 0 | %100 |
| 224 | M152 | Z | 2.854 | 2.854 | 0 | %100 |
| 225 | M157 | X | -2.381 | -2.381 | 0 | %100 |
| 226 | M157 | Z | 1.374 | 1.374 | 0 | %100 |
| 227 | M158 | X | -2.381 | -2.381 | 0 | %100 |
| 228 | M158 | Z | 1.374 | 1.374 | 0 | %100 |
| 229 | MP1B | X | -7.866 | -7.866 | 0 | %100 |
| 230 | MP1B | Z | 4.541 | 4.541 | 0 | %100 |
| 231 | MP2B | X | -7.866 | -7.866 | 0 | %100 |
| 232 | MP2B | Z | 4.541 | 4.541 | 0 | %100 |
| 233 | MP3B | X | -7.866 | -7.866 | 0 | %100 |
| 234 | MP3B | Z | 4.541 | 4.541 | 0 | %100 |
| 235 | MP4B | X | -7.866 | -7.866 | 0 | %100 |
| 236 | MP4B | Z | 4.541 | 4.541 | 0 | %100 |
| 237 | MP5B | X | -7.866 | -7.866 | 0 | %100 |
| 238 | MP5B | Z | 4.541 | 4.541 | 0 | %100 |
| 239 | M174 | X | -7.797 | -7.797 | 0 | %100 |
| 240 | M174 | Z | 4.502 | 4.502 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | -1.434 | -1.434 | 0 | %100 |
| 2 | M1 | Z | 0 | 0 | 0 | %100 |
| 3 | M2 | X | -1.434 | -1.434 | 0 | %100 |
| 4 | M2 | Z | 0 | 0 | 0 | %100 |
| 5 | M3 | X | -1.434 | -1.434 | 0 | %100 |
| 6 | M3 | Z | 0 | 0 | 0 | %100 |
| 7 | M4 | X | -1.434 | -1.434 | 0 | %100 |
| 8 | M4 | Z | 0 | 0 | 0 | %100 |
| 9 | M5 | X | -9.083 | -9.083 | 0 | %100 |
| 10 | M5 | Z | 0 | 0 | 0 | %100 |
| 11 | M6 | X | -9.083 | -9.083 | 0 | %100 |
| 12 | M6 | Z | 0 | 0 | 0 | %100 |
| 13 | M7 | X | -9.083 | -9.083 | 0 | %100 |
| 14 | M7 | Z | 0 | 0 | 0 | %100 |
| 15 | M8 | X | -9.083 | -9.083 | 0 | %100 |
| 16 | M8 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 17 | M13 | X | -9.083 | -9.083 | 0 | %100 |
| 18 | M13 | Z | 0 | 0 | 0 | %100 |
| 19 | M14 | X | -9.083 | -9.083 | 0 | %100 |
| 20 | M14 | Z | 0 | 0 | 0 | %100 |
| 21 | M16 | X | -11.774 | -11.774 | 0 | %100 |
| 22 | M16 | Z | 0 | 0 | 0 | %100 |
| 23 | M17 | X | -11.774 | -11.774 | 0 | %100 |
| 24 | M17 | Z | 0 | 0 | 0 | %100 |
| 25 | M18 | X | -11.774 | -11.774 | 0 | %100 |
| 26 | M18 | Z | 0 | 0 | 0 | %100 |
| 27 | M19 | X | -11.774 | -11.774 | 0 | %100 |
| 28 | M19 | Z | 0 | 0 | 0 | %100 |
| 29 | M20 | X | -11.774 | -11.774 | 0 | %100 |
| 30 | M20 | Z | 0 | 0 | 0 | %100 |
| 31 | M21 | X | -11.774 | -11.774 | 0 | %100 |
| 32 | M21 | Z | 0 | 0 | 0 | %100 |
| 33 | M24 | X | -11.774 | -11.774 | 0 | %100 |
| 34 | M24 | Z | 0 | 0 | 0 | %100 |
| 35 | M25 | X | -11.774 | -11.774 | 0 | %100 |
| 36 | M25 | Z | 0 | 0 | 0 | %100 |
| 37 | M26 | X | -11.774 | -11.774 | 0 | %100 |
| 38 | M26 | Z | 0 | 0 | 0 | %100 |
| 39 | M27 | X | -11.774 | -11.774 | 0 | %100 |
| 40 | M27 | Z | 0 | 0 | 0 | %100 |
| 41 | M28 | X | -11.774 | -11.774 | 0 | %100 |
| 42 | M28 | Z | 0 | 0 | 0 | %100 |
| 43 | M29 | X | -11.774 | -11.774 | 0 | %100 |
| 44 | M29 | Z | 0 | 0 | 0 | %100 |
| 45 | M32 | X | -5.817 | -5.817 | 0 | %100 |
| 46 | M32 | Z | 0 | 0 | 0 | %100 |
| 47 | M33 | X | -5.817 | -5.817 | 0 | %100 |
| 48 | M33 | Z | 0 | 0 | 0 | %100 |
| 49 | M34 | X | -5.817 | -5.817 | 0 | %100 |
| 50 | M34 | Z | 0 | 0 | 0 | %100 |
| 51 | M35 | X | -6.349 | -6.349 | 0 | %100 |
| 52 | M35 | Z | 0 | 0 | 0 | %100 |
| 53 | M36 | X | -6.349 | -6.349 | 0 | %100 |
| 54 | M36 | Z | 0 | 0 | 0 | %100 |
| 55 | M37 | X | -5.817 | -5.817 | 0 | %100 |
| 56 | M37 | Z | 0 | 0 | 0 | %100 |
| 57 | M38 | X | -5.817 | -5.817 | 0 | %100 |
| 58 | M38 | Z | 0 | 0 | 0 | %100 |
| 59 | M39 | X | -5.817 | -5.817 | 0 | %100 |
| 60 | M39 | Z | 0 | 0 | 0 | %100 |
| 61 | M40 | X | -6.349 | -6.349 | 0 | %100 |
| 62 | M40 | Z | 0 | 0 | 0 | %100 |
| 63 | M41 | X | -6.349 | -6.349 | 0 | %100 |
| 64 | M41 | Z | 0 | 0 | 0 | %100 |
| 65 | M41A | X | 0 | 0 | 0 | %100 |
| 66 | M41A | Z | 0 | 0 | 0 | %100 |
| 67 | FACE | X | 0 | 0 | 0 | %100 |
| 68 | FACE | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 69 | MP1A | X | -9.083 | -9.083 | 0 | %100 |
| 70 | MP1A | Z | 0 | 0 | 0 | %100 |
| 71 | MP2A | X | -9.083 | -9.083 | 0 | %100 |
| 72 | MP2A | Z | 0 | 0 | 0 | %100 |
| 73 | MP3A | X | -9.083 | -9.083 | 0 | %100 |
| 74 | MP3A | Z | 0 | 0 | 0 | %100 |
| 75 | MP4A | X | -9.083 | -9.083 | 0 | %100 |
| 76 | MP4A | Z | 0 | 0 | 0 | %100 |
| 77 | MP5A | X | -9.083 | -9.083 | 0 | %100 |
| 78 | MP5A | Z | 0 | 0 | 0 | %100 |
| 79 | M58 | X | -3.583 | -3.583 | 0 | %100 |
| 80 | M58 | Z | 0 | 0 | 0 | %100 |
| 81 | M59 | X | -.359 | -.359 | 0 | %100 |
| 82 | M59 | Z | 0 | 0 | 0 | %100 |
| 83 | M60 | X | -.359 | -.359 | 0 | %100 |
| 84 | M60 | Z | 0 | 0 | 0 | %100 |
| 85 | M61 | X | -.359 | -.359 | 0 | %100 |
| 86 | M61 | Z | 0 | 0 | 0 | %100 |
| 87 | M62 | X | -.359 | -.359 | 0 | %100 |
| 88 | M62 | Z | 0 | 0 | 0 | %100 |
| 89 | M63 | X | -2.271 | -2.271 | 0 | %100 |
| 90 | M63 | Z | 0 | 0 | 0 | %100 |
| 91 | M64 | X | -2.271 | -2.271 | 0 | %100 |
| 92 | M64 | Z | 0 | 0 | 0 | %100 |
| 93 | M65 | X | -2.271 | -2.271 | 0 | %100 |
| 94 | M65 | Z | 0 | 0 | 0 | %100 |
| 95 | M66 | X | -2.271 | -2.271 | 0 | %100 |
| 96 | M66 | Z | 0 | 0 | 0 | %100 |
| 97 | M71 | X | -9.083 | -9.083 | 0 | %100 |
| 98 | M71 | Z | 0 | 0 | 0 | %100 |
| 99 | M72 | X | -9.083 | -9.083 | 0 | %100 |
| 100 | M72 | Z | 0 | 0 | 0 | %100 |
| 101 | M73 | X | -11.774 | -11.774 | 0 | %100 |
| 102 | M73 | Z | 0 | 0 | 0 | %100 |
| 103 | M74 | X | -11.774 | -11.774 | 0 | %100 |
| 104 | M74 | Z | 0 | 0 | 0 | %100 |
| 105 | M75 | X | -11.774 | -11.774 | 0 | %100 |
| 106 | M75 | Z | 0 | 0 | 0 | %100 |
| 107 | M76 | X | -11.774 | -11.774 | 0 | %100 |
| 108 | M76 | Z | 0 | 0 | 0 | %100 |
| 109 | M77 | X | -11.774 | -11.774 | 0 | %100 |
| 110 | M77 | Z | 0 | 0 | 0 | %100 |
| 111 | M78 | X | -11.774 | -11.774 | 0 | %100 |
| 112 | M78 | Z | 0 | 0 | 0 | %100 |
| 113 | M79 | X | -11.774 | -11.774 | 0 | %100 |
| 114 | M79 | Z | 0 | 0 | 0 | %100 |
| 115 | M80 | X | -11.774 | -11.774 | 0 | %100 |
| 116 | M80 | Z | 0 | 0 | 0 | %100 |
| 117 | M81 | X | -11.774 | -11.774 | 0 | %100 |
| 118 | M81 | Z | 0 | 0 | 0 | %100 |
| 119 | M82 | X | -11.774 | -11.774 | 0 | %100 |
| 120 | M82 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 121 | M83 | X | -11.774 | -11.774 | 0 | %100 |
| 122 | M83 | Z | 0 | 0 | 0 | %100 |
| 123 | M84 | X | -11.774 | -11.774 | 0 | %100 |
| 124 | M84 | Z | 0 | 0 | 0 | %100 |
| 125 | M85 | X | -5.817 | -5.817 | 0 | %100 |
| 126 | M85 | Z | 0 | 0 | 0 | %100 |
| 127 | M86 | X | -5.817 | -5.817 | 0 | %100 |
| 128 | M86 | Z | 0 | 0 | 0 | %100 |
| 129 | M87 | X | -5.817 | -5.817 | 0 | %100 |
| 130 | M87 | Z | 0 | 0 | 0 | %100 |
| 131 | M88 | X | -4.304 | -4.304 | 0 | %100 |
| 132 | M88 | Z | 0 | 0 | 0 | %100 |
| 133 | M89 | X | -4.424 | -4.424 | 0 | %100 |
| 134 | M89 | Z | 0 | 0 | 0 | %100 |
| 135 | M90 | X | -5.817 | -5.817 | 0 | %100 |
| 136 | M90 | Z | 0 | 0 | 0 | %100 |
| 137 | M91 | X | -5.817 | -5.817 | 0 | %100 |
| 138 | M91 | Z | 0 | 0 | 0 | %100 |
| 139 | M92 | X | -5.817 | -5.817 | 0 | %100 |
| 140 | M92 | Z | 0 | 0 | 0 | %100 |
| 141 | M93 | X | -4.304 | -4.304 | 0 | %100 |
| 142 | M93 | Z | 0 | 0 | 0 | %100 |
| 143 | M94 | X | -4.424 | -4.424 | 0 | %100 |
| 144 | M94 | Z | 0 | 0 | 0 | %100 |
| 145 | M99 | X | -8.246 | -8.246 | 0 | %100 |
| 146 | M99 | Z | 0 | 0 | 0 | %100 |
| 147 | M100 | X | -8.246 | -8.246 | 0 | %100 |
| 148 | M100 | Z | 0 | 0 | 0 | %100 |
| 149 | MP1C | X | -9.083 | -9.083 | 0 | %100 |
| 150 | MP1C | Z | 0 | 0 | 0 | %100 |
| 151 | MP2C | X | -9.083 | -9.083 | 0 | %100 |
| 152 | MP2C | Z | 0 | 0 | 0 | %100 |
| 153 | MP3C | X | -9.083 | -9.083 | 0 | %100 |
| 154 | MP3C | Z | 0 | 0 | 0 | %100 |
| 155 | MP4C | X | -9.083 | -9.083 | 0 | %100 |
| 156 | MP4C | Z | 0 | 0 | 0 | %100 |
| 157 | MP5C | X | -9.083 | -9.083 | 0 | %100 |
| 158 | MP5C | Z | 0 | 0 | 0 | %100 |
| 159 | M116 | X | -2.724 | -2.724 | 0 | %100 |
| 160 | M116 | Z | 0 | 0 | 0 | %100 |
| 161 | M117 | X | -.359 | -.359 | 0 | %100 |
| 162 | M117 | Z | 0 | 0 | 0 | %100 |
| 163 | M118 | X | -.359 | -.359 | 0 | %100 |
| 164 | M118 | Z | 0 | 0 | 0 | %100 |
| 165 | M119 | X | -.359 | -.359 | 0 | %100 |
| 166 | M119 | Z | 0 | 0 | 0 | %100 |
| 167 | M120 | X | -.359 | -.359 | 0 | %100 |
| 168 | M120 | Z | 0 | 0 | 0 | %100 |
| 169 | M121 | X | -2.271 | -2.271 | 0 | %100 |
| 170 | M121 | Z | 0 | 0 | 0 | %100 |
| 171 | M122 | X | -2.271 | -2.271 | 0 | %100 |
| 172 | M122 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 173 | M123 | X | -2.271 | -2.271 | 0 | %100 |
| 174 | M123 | Z | 0 | 0 | 0 | %100 |
| 175 | M124 | X | -2.271 | -2.271 | 0 | %100 |
| 176 | M124 | Z | 0 | 0 | 0 | %100 |
| 177 | M129 | X | -9.083 | -9.083 | 0 | %100 |
| 178 | M129 | Z | 0 | 0 | 0 | %100 |
| 179 | M130 | X | -9.083 | -9.083 | 0 | %100 |
| 180 | M130 | Z | 0 | 0 | 0 | %100 |
| 181 | M131 | X | -11.774 | -11.774 | 0 | %100 |
| 182 | M131 | Z | 0 | 0 | 0 | %100 |
| 183 | M132 | X | -11.774 | -11.774 | 0 | %100 |
| 184 | M132 | Z | 0 | 0 | 0 | %100 |
| 185 | M133 | X | -11.774 | -11.774 | 0 | %100 |
| 186 | M133 | Z | 0 | 0 | 0 | %100 |
| 187 | M134 | X | -11.774 | -11.774 | 0 | %100 |
| 188 | M134 | Z | 0 | 0 | 0 | %100 |
| 189 | M135 | X | -11.774 | -11.774 | 0 | %100 |
| 190 | M135 | Z | 0 | 0 | 0 | %100 |
| 191 | M136 | X | -11.774 | -11.774 | 0 | %100 |
| 192 | M136 | Z | 0 | 0 | 0 | %100 |
| 193 | M137 | X | -11.774 | -11.774 | 0 | %100 |
| 194 | M137 | Z | 0 | 0 | 0 | %100 |
| 195 | M138 | X | -11.774 | -11.774 | 0 | %100 |
| 196 | M138 | Z | 0 | 0 | 0 | %100 |
| 197 | M139 | X | -11.774 | -11.774 | 0 | %100 |
| 198 | M139 | Z | 0 | 0 | 0 | %100 |
| 199 | M140 | X | -11.774 | -11.774 | 0 | %100 |
| 200 | M140 | Z | 0 | 0 | 0 | %100 |
| 201 | M141 | X | -11.774 | -11.774 | 0 | %100 |
| 202 | M141 | Z | 0 | 0 | 0 | %100 |
| 203 | M142 | X | -11.774 | -11.774 | 0 | %100 |
| 204 | M142 | Z | 0 | 0 | 0 | %100 |
| 205 | M143 | X | -5.817 | -5.817 | 0 | %100 |
| 206 | M143 | Z | 0 | 0 | 0 | %100 |
| 207 | M144 | X | -5.817 | -5.817 | 0 | %100 |
| 208 | M144 | Z | 0 | 0 | 0 | %100 |
| 209 | M145 | X | -5.817 | -5.817 | 0 | %100 |
| 210 | M145 | Z | 0 | 0 | 0 | %100 |
| 211 | M146 | X | -4.304 | -4.304 | 0 | %100 |
| 212 | M146 | Z | 0 | 0 | 0 | %100 |
| 213 | M147 | X | -4.424 | -4.424 | 0 | %100 |
| 214 | M147 | Z | 0 | 0 | 0 | %100 |
| 215 | M148 | X | -5.817 | -5.817 | 0 | %100 |
| 216 | M148 | Z | 0 | 0 | 0 | %100 |
| 217 | M149 | X | -5.817 | -5.817 | 0 | %100 |
| 218 | M149 | Z | 0 | 0 | 0 | %100 |
| 219 | M150 | X | -5.817 | -5.817 | 0 | %100 |
| 220 | M150 | Z | 0 | 0 | 0 | %100 |
| 221 | M151 | X | -4.304 | -4.304 | 0 | %100 |
| 222 | M151 | Z | 0 | 0 | 0 | %100 |
| 223 | M152 | X | -4.424 | -4.424 | 0 | %100 |
| 224 | M152 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 225 | M157 | X | -8.246 | -8.246 | 0 | %100 |
| 226 | M157 | Z | 0 | 0 | 0 | %100 |
| 227 | M158 | X | -8.246 | -8.246 | 0 | %100 |
| 228 | M158 | Z | 0 | 0 | 0 | %100 |
| 229 | MP1B | X | -9.083 | -9.083 | 0 | %100 |
| 230 | MP1B | Z | 0 | 0 | 0 | %100 |
| 231 | MP2B | X | -9.083 | -9.083 | 0 | %100 |
| 232 | MP2B | Z | 0 | 0 | 0 | %100 |
| 233 | MP3B | X | -9.083 | -9.083 | 0 | %100 |
| 234 | MP3B | Z | 0 | 0 | 0 | %100 |
| 235 | MP4B | X | -9.083 | -9.083 | 0 | %100 |
| 236 | MP4B | Z | 0 | 0 | 0 | %100 |
| 237 | MP5B | X | -9.083 | -9.083 | 0 | %100 |
| 238 | MP5B | Z | 0 | 0 | 0 | %100 |
| 239 | M174 | X | -10.918 | -10.918 | 0 | %100 |
| 240 | M174 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | -.932 | -.932 | 0 | %100 |
| 2 | M1 | Z | -.538 | -.538 | 0 | %100 |
| 3 | M2 | X | -.932 | -.932 | 0 | %100 |
| 4 | M2 | Z | -.538 | -.538 | 0 | %100 |
| 5 | M3 | X | -.932 | -.932 | 0 | %100 |
| 6 | M3 | Z | -.538 | -.538 | 0 | %100 |
| 7 | M4 | X | -.932 | -.932 | 0 | %100 |
| 8 | M4 | Z | -.538 | -.538 | 0 | %100 |
| 9 | M5 | X | -5.9 | -5.9 | 0 | %100 |
| 10 | M5 | Z | -3.406 | -3.406 | 0 | %100 |
| 11 | M6 | X | -5.9 | -5.9 | 0 | %100 |
| 12 | M6 | Z | -3.406 | -3.406 | 0 | %100 |
| 13 | M7 | X | -5.9 | -5.9 | 0 | %100 |
| 14 | M7 | Z | -3.406 | -3.406 | 0 | %100 |
| 15 | M8 | X | -5.9 | -5.9 | 0 | %100 |
| 16 | M8 | Z | -3.406 | -3.406 | 0 | %100 |
| 17 | M13 | X | -7.866 | -7.866 | 0 | %100 |
| 18 | M13 | Z | -4.541 | -4.541 | 0 | %100 |
| 19 | M14 | X | -7.866 | -7.866 | 0 | %100 |
| 20 | M14 | Z | -4.541 | -4.541 | 0 | %100 |
| 21 | M16 | X | -7.958 | -7.958 | 0 | %100 |
| 22 | M16 | Z | -4.595 | -4.595 | 0 | %100 |
| 23 | M17 | X | -7.958 | -7.958 | 0 | %100 |
| 24 | M17 | Z | -4.595 | -4.595 | 0 | %100 |
| 25 | M18 | X | -7.958 | -7.958 | 0 | %100 |
| 26 | M18 | Z | -4.595 | -4.595 | 0 | %100 |
| 27 | M19 | X | -7.958 | -7.958 | 0 | %100 |
| 28 | M19 | Z | -4.595 | -4.595 | 0 | %100 |
| 29 | M20 | X | -7.958 | -7.958 | 0 | %100 |
| 30 | M20 | Z | -4.595 | -4.595 | 0 | %100 |
| 31 | M21 | X | -7.958 | -7.958 | 0 | %100 |
| 32 | M21 | Z | -4.595 | -4.595 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 33 | M24 | X | -7.958 | -7.958 | 0 | %100 |
| 34 | M24 | Z | -4.595 | -4.595 | 0 | %100 |
| 35 | M25 | X | -7.958 | -7.958 | 0 | %100 |
| 36 | M25 | Z | -4.595 | -4.595 | 0 | %100 |
| 37 | M26 | X | -7.958 | -7.958 | 0 | %100 |
| 38 | M26 | Z | -4.595 | -4.595 | 0 | %100 |
| 39 | M27 | X | -7.958 | -7.958 | 0 | %100 |
| 40 | M27 | Z | -4.595 | -4.595 | 0 | %100 |
| 41 | M28 | X | -7.958 | -7.958 | 0 | %100 |
| 42 | M28 | Z | -4.595 | -4.595 | 0 | %100 |
| 43 | M29 | X | -7.958 | -7.958 | 0 | %100 |
| 44 | M29 | Z | -4.595 | -4.595 | 0 | %100 |
| 45 | M32 | X | -5.038 | -5.038 | 0 | %100 |
| 46 | M32 | Z | -2.909 | -2.909 | 0 | %100 |
| 47 | M33 | X | -5.038 | -5.038 | 0 | %100 |
| 48 | M33 | Z | -2.909 | -2.909 | 0 | %100 |
| 49 | M34 | X | -5.038 | -5.038 | 0 | %100 |
| 50 | M34 | Z | -2.909 | -2.909 | 0 | %100 |
| 51 | M35 | X | -4.908 | -4.908 | 0 | %100 |
| 52 | M35 | Z | -2.833 | -2.833 | 0 | %100 |
| 53 | M36 | X | -4.943 | -4.943 | 0 | %100 |
| 54 | M36 | Z | -2.854 | -2.854 | 0 | %100 |
| 55 | M37 | X | -5.038 | -5.038 | 0 | %100 |
| 56 | M37 | Z | -2.909 | -2.909 | 0 | %100 |
| 57 | M38 | X | -5.038 | -5.038 | 0 | %100 |
| 58 | M38 | Z | -2.909 | -2.909 | 0 | %100 |
| 59 | M39 | X | -5.038 | -5.038 | 0 | %100 |
| 60 | M39 | Z | -2.909 | -2.909 | 0 | %100 |
| 61 | M40 | X | -4.908 | -4.908 | 0 | %100 |
| 62 | M40 | Z | -2.833 | -2.833 | 0 | %100 |
| 63 | M41 | X | -4.943 | -4.943 | 0 | %100 |
| 64 | M41 | Z | -2.854 | -2.854 | 0 | %100 |
| 65 | M41A | X | -2.381 | -2.381 | 0 | %100 |
| 66 | M41A | Z | -1.374 | -1.374 | 0 | %100 |
| 67 | FACE | X | -2.381 | -2.381 | 0 | %100 |
| 68 | FACE | Z | -1.374 | -1.374 | 0 | %100 |
| 69 | MP1A | X | -7.866 | -7.866 | 0 | %100 |
| 70 | MP1A | Z | -4.541 | -4.541 | 0 | %100 |
| 71 | MP2A | X | -7.866 | -7.866 | 0 | %100 |
| 72 | MP2A | Z | -4.541 | -4.541 | 0 | %100 |
| 73 | MP3A | X | -7.866 | -7.866 | 0 | %100 |
| 74 | MP3A | Z | -4.541 | -4.541 | 0 | %100 |
| 75 | MP4A | X | -7.866 | -7.866 | 0 | %100 |
| 76 | MP4A | Z | -4.541 | -4.541 | 0 | %100 |
| 77 | MP5A | X | -7.866 | -7.866 | 0 | %100 |
| 78 | MP5A | Z | -4.541 | -4.541 | 0 | %100 |
| 79 | M58 | X | -7.797 | -7.797 | 0 | %100 |
| 80 | M58 | Z | -4.502 | -4.502 | 0 | %100 |
| 81 | M59 | X | -.932 | -.932 | 0 | %100 |
| 82 | M59 | Z | -.538 | -.538 | 0 | %100 |
| 83 | M60 | X | -.932 | -.932 | 0 | %100 |
| 84 | M60 | Z | -.538 | -.538 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 85 | M61 | X | -.932 | -.932 | 0 | %100 |
| 86 | M61 | Z | -.538 | -.538 | 0 | %100 |
| 87 | M62 | X | -.932 | -.932 | 0 | %100 |
| 88 | M62 | Z | -.538 | -.538 | 0 | %100 |
| 89 | M63 | X | -5.9 | -5.9 | 0 | %100 |
| 90 | M63 | Z | -3.406 | -3.406 | 0 | %100 |
| 91 | M64 | X | -5.9 | -5.9 | 0 | %100 |
| 92 | M64 | Z | -3.406 | -3.406 | 0 | %100 |
| 93 | M65 | X | -5.9 | -5.9 | 0 | %100 |
| 94 | M65 | Z | -3.406 | -3.406 | 0 | %100 |
| 95 | M66 | X | -5.9 | -5.9 | 0 | %100 |
| 96 | M66 | Z | -3.406 | -3.406 | 0 | %100 |
| 97 | M71 | X | -7.866 | -7.866 | 0 | %100 |
| 98 | M71 | Z | -4.541 | -4.541 | 0 | %100 |
| 99 | M72 | X | -7.866 | -7.866 | 0 | %100 |
| 100 | M72 | Z | -4.541 | -4.541 | 0 | %100 |
| 101 | M73 | X | -7.958 | -7.958 | 0 | %100 |
| 102 | M73 | Z | -4.595 | -4.595 | 0 | %100 |
| 103 | M74 | X | -7.958 | -7.958 | 0 | %100 |
| 104 | M74 | Z | -4.595 | -4.595 | 0 | %100 |
| 105 | M75 | X | -7.958 | -7.958 | 0 | %100 |
| 106 | M75 | Z | -4.595 | -4.595 | 0 | %100 |
| 107 | M76 | X | -7.958 | -7.958 | 0 | %100 |
| 108 | M76 | Z | -4.595 | -4.595 | 0 | %100 |
| 109 | M77 | X | -7.958 | -7.958 | 0 | %100 |
| 110 | M77 | Z | -4.595 | -4.595 | 0 | %100 |
| 111 | M78 | X | -7.958 | -7.958 | 0 | %100 |
| 112 | M78 | Z | -4.595 | -4.595 | 0 | %100 |
| 113 | M79 | X | -7.958 | -7.958 | 0 | %100 |
| 114 | M79 | Z | -4.595 | -4.595 | 0 | %100 |
| 115 | M80 | X | -7.958 | -7.958 | 0 | %100 |
| 116 | M80 | Z | -4.595 | -4.595 | 0 | %100 |
| 117 | M81 | X | -7.958 | -7.958 | 0 | %100 |
| 118 | M81 | Z | -4.595 | -4.595 | 0 | %100 |
| 119 | M82 | X | -7.958 | -7.958 | 0 | %100 |
| 120 | M82 | Z | -4.595 | -4.595 | 0 | %100 |
| 121 | M83 | X | -7.958 | -7.958 | 0 | %100 |
| 122 | M83 | Z | -4.595 | -4.595 | 0 | %100 |
| 123 | M84 | X | -7.958 | -7.958 | 0 | %100 |
| 124 | M84 | Z | -4.595 | -4.595 | 0 | %100 |
| 125 | M85 | X | -5.038 | -5.038 | 0 | %100 |
| 126 | M85 | Z | -2.909 | -2.909 | 0 | %100 |
| 127 | M86 | X | -5.038 | -5.038 | 0 | %100 |
| 128 | M86 | Z | -2.909 | -2.909 | 0 | %100 |
| 129 | M87 | X | -5.038 | -5.038 | 0 | %100 |
| 130 | M87 | Z | -2.909 | -2.909 | 0 | %100 |
| 131 | M88 | X | -4.908 | -4.908 | 0 | %100 |
| 132 | M88 | Z | -2.833 | -2.833 | 0 | %100 |
| 133 | M89 | X | -4.943 | -4.943 | 0 | %100 |
| 134 | M89 | Z | -2.854 | -2.854 | 0 | %100 |
| 135 | M90 | X | -5.038 | -5.038 | 0 | %100 |
| 136 | M90 | Z | -2.909 | -2.909 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 137 | M91 | X | -5.038 | -5.038 | 0 | %100 |
| 138 | M91 | Z | -2.909 | -2.909 | 0 | %100 |
| 139 | M92 | X | -5.038 | -5.038 | 0 | %100 |
| 140 | M92 | Z | -2.909 | -2.909 | 0 | %100 |
| 141 | M93 | X | -4.908 | -4.908 | 0 | %100 |
| 142 | M93 | Z | -2.833 | -2.833 | 0 | %100 |
| 143 | M94 | X | -4.943 | -4.943 | 0 | %100 |
| 144 | M94 | Z | -2.854 | -2.854 | 0 | %100 |
| 145 | M99 | X | -2.381 | -2.381 | 0 | %100 |
| 146 | M99 | Z | -1.374 | -1.374 | 0 | %100 |
| 147 | M100 | X | -2.381 | -2.381 | 0 | %100 |
| 148 | M100 | Z | -1.374 | -1.374 | 0 | %100 |
| 149 | MP1C | X | -7.866 | -7.866 | 0 | %100 |
| 150 | MP1C | Z | -4.541 | -4.541 | 0 | %100 |
| 151 | MP2C | X | -7.866 | -7.866 | 0 | %100 |
| 152 | MP2C | Z | -4.541 | -4.541 | 0 | %100 |
| 153 | MP3C | X | -7.866 | -7.866 | 0 | %100 |
| 154 | MP3C | Z | -4.541 | -4.541 | 0 | %100 |
| 155 | MP4C | X | -7.866 | -7.866 | 0 | %100 |
| 156 | MP4C | Z | -4.541 | -4.541 | 0 | %100 |
| 157 | MP5C | X | -7.866 | -7.866 | 0 | %100 |
| 158 | MP5C | Z | -4.541 | -4.541 | 0 | %100 |
| 159 | M116 | X | -6.7e-5 | -6.7e-5 | 0 | %100 |
| 160 | M116 | Z | -3.8e-5 | -3.8e-5 | 0 | %100 |
| 161 | M117 | X | 0 | 0 | 0 | %100 |
| 162 | M117 | Z | 0 | 0 | 0 | %100 |
| 163 | M118 | X | 0 | 0 | 0 | %100 |
| 164 | M118 | Z | 0 | 0 | 0 | %100 |
| 165 | M119 | X | 0 | 0 | 0 | %100 |
| 166 | M119 | Z | 0 | 0 | 0 | %100 |
| 167 | M120 | X | 0 | 0 | 0 | %100 |
| 168 | M120 | Z | 0 | 0 | 0 | %100 |
| 169 | M121 | X | 0 | 0 | 0 | %100 |
| 170 | M121 | Z | 0 | 0 | 0 | %100 |
| 171 | M122 | X | 0 | 0 | 0 | %100 |
| 172 | M122 | Z | 0 | 0 | 0 | %100 |
| 173 | M123 | X | 0 | 0 | 0 | %100 |
| 174 | M123 | Z | 0 | 0 | 0 | %100 |
| 175 | M124 | X | 0 | 0 | 0 | %100 |
| 176 | M124 | Z | 0 | 0 | 0 | %100 |
| 177 | M129 | X | -7.866 | -7.866 | 0 | %100 |
| 178 | M129 | Z | -4.541 | -4.541 | 0 | %100 |
| 179 | M130 | X | -7.866 | -7.866 | 0 | %100 |
| 180 | M130 | Z | -4.541 | -4.541 | 0 | %100 |
| 181 | M131 | X | -7.958 | -7.958 | 0 | %100 |
| 182 | M131 | Z | -4.595 | -4.595 | 0 | %100 |
| 183 | M132 | X | -7.958 | -7.958 | 0 | %100 |
| 184 | M132 | Z | -4.595 | -4.595 | 0 | %100 |
| 185 | M133 | X | -7.958 | -7.958 | 0 | %100 |
| 186 | M133 | Z | -4.595 | -4.595 | 0 | %100 |
| 187 | M134 | X | -7.958 | -7.958 | 0 | %100 |
| 188 | M134 | Z | -4.595 | -4.595 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 189 | M135 | X | -7.958 | -7.958 | 0 | %100 |
| 190 | M135 | Z | -4.595 | -4.595 | 0 | %100 |
| 191 | M136 | X | -7.958 | -7.958 | 0 | %100 |
| 192 | M136 | Z | -4.595 | -4.595 | 0 | %100 |
| 193 | M137 | X | -7.958 | -7.958 | 0 | %100 |
| 194 | M137 | Z | -4.595 | -4.595 | 0 | %100 |
| 195 | M138 | X | -7.958 | -7.958 | 0 | %100 |
| 196 | M138 | Z | -4.595 | -4.595 | 0 | %100 |
| 197 | M139 | X | -7.958 | -7.958 | 0 | %100 |
| 198 | M139 | Z | -4.595 | -4.595 | 0 | %100 |
| 199 | M140 | X | -7.958 | -7.958 | 0 | %100 |
| 200 | M140 | Z | -4.595 | -4.595 | 0 | %100 |
| 201 | M141 | X | -7.958 | -7.958 | 0 | %100 |
| 202 | M141 | Z | -4.595 | -4.595 | 0 | %100 |
| 203 | M142 | X | -7.958 | -7.958 | 0 | %100 |
| 204 | M142 | Z | -4.595 | -4.595 | 0 | %100 |
| 205 | M143 | X | -5.038 | -5.038 | 0 | %100 |
| 206 | M143 | Z | -2.909 | -2.909 | 0 | %100 |
| 207 | M144 | X | -5.038 | -5.038 | 0 | %100 |
| 208 | M144 | Z | -2.909 | -2.909 | 0 | %100 |
| 209 | M145 | X | -5.038 | -5.038 | 0 | %100 |
| 210 | M145 | Z | -2.909 | -2.909 | 0 | %100 |
| 211 | M146 | X | -3.137 | -3.137 | 0 | %100 |
| 212 | M146 | Z | -1.811 | -1.811 | 0 | %100 |
| 213 | M147 | X | -3.276 | -3.276 | 0 | %100 |
| 214 | M147 | Z | -1.891 | -1.891 | 0 | %100 |
| 215 | M148 | X | -5.038 | -5.038 | 0 | %100 |
| 216 | M148 | Z | -2.909 | -2.909 | 0 | %100 |
| 217 | M149 | X | -5.038 | -5.038 | 0 | %100 |
| 218 | M149 | Z | -2.909 | -2.909 | 0 | %100 |
| 219 | M150 | X | -5.038 | -5.038 | 0 | %100 |
| 220 | M150 | Z | -2.909 | -2.909 | 0 | %100 |
| 221 | M151 | X | -3.137 | -3.137 | 0 | %100 |
| 222 | M151 | Z | -1.811 | -1.811 | 0 | %100 |
| 223 | M152 | X | -3.276 | -3.276 | 0 | %100 |
| 224 | M152 | Z | -1.891 | -1.891 | 0 | %100 |
| 225 | M157 | X | -9.522 | -9.522 | 0 | %100 |
| 226 | M157 | Z | -5.498 | -5.498 | 0 | %100 |
| 227 | M158 | X | -9.522 | -9.522 | 0 | %100 |
| 228 | M158 | Z | -5.498 | -5.498 | 0 | %100 |
| 229 | MP1B | X | -7.866 | -7.866 | 0 | %100 |
| 230 | MP1B | Z | -4.541 | -4.541 | 0 | %100 |
| 231 | MP2B | X | -7.866 | -7.866 | 0 | %100 |
| 232 | MP2B | Z | -4.541 | -4.541 | 0 | %100 |
| 233 | MP3B | X | -7.866 | -7.866 | 0 | %100 |
| 234 | MP3B | Z | -4.541 | -4.541 | 0 | %100 |
| 235 | MP4B | X | -7.866 | -7.866 | 0 | %100 |
| 236 | MP4B | Z | -4.541 | -4.541 | 0 | %100 |
| 237 | MP5B | X | -7.866 | -7.866 | 0 | %100 |
| 238 | MP5B | Z | -4.541 | -4.541 | 0 | %100 |
| 239 | M174 | X | -6.419 | -6.419 | 0 | %100 |
| 240 | M174 | Z | -3.706 | -3.706 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | -.179 | -.179 | 0 | %100 |
| 2 | M1 | Z | -.311 | -.311 | 0 | %100 |
| 3 | M2 | X | -.179 | -.179 | 0 | %100 |
| 4 | M2 | Z | -.311 | -.311 | 0 | %100 |
| 5 | M3 | X | -.179 | -.179 | 0 | %100 |
| 6 | M3 | Z | -.311 | -.311 | 0 | %100 |
| 7 | M4 | X | -.179 | -.179 | 0 | %100 |
| 8 | M4 | Z | -.311 | -.311 | 0 | %100 |
| 9 | M5 | X | -1.135 | -1.135 | 0 | %100 |
| 10 | M5 | Z | -1.967 | -1.967 | 0 | %100 |
| 11 | M6 | X | -1.135 | -1.135 | 0 | %100 |
| 12 | M6 | Z | -1.967 | -1.967 | 0 | %100 |
| 13 | M7 | X | -1.135 | -1.135 | 0 | %100 |
| 14 | M7 | Z | -1.967 | -1.967 | 0 | %100 |
| 15 | M8 | X | -1.135 | -1.135 | 0 | %100 |
| 16 | M8 | Z | -1.967 | -1.967 | 0 | %100 |
| 17 | M13 | X | -4.541 | -4.541 | 0 | %100 |
| 18 | M13 | Z | -7.866 | -7.866 | 0 | %100 |
| 19 | M14 | X | -4.541 | -4.541 | 0 | %100 |
| 20 | M14 | Z | -7.866 | -7.866 | 0 | %100 |
| 21 | M16 | X | -2.01 | -2.01 | 0 | %100 |
| 22 | M16 | Z | -3.481 | -3.481 | 0 | %100 |
| 23 | M17 | X | -2.01 | -2.01 | 0 | %100 |
| 24 | M17 | Z | -3.481 | -3.481 | 0 | %100 |
| 25 | M18 | X | -2.01 | -2.01 | 0 | %100 |
| 26 | M18 | Z | -3.481 | -3.481 | 0 | %100 |
| 27 | M19 | X | -2.01 | -2.01 | 0 | %100 |
| 28 | M19 | Z | -3.481 | -3.481 | 0 | %100 |
| 29 | M20 | X | -2.01 | -2.01 | 0 | %100 |
| 30 | M20 | Z | -3.481 | -3.481 | 0 | %100 |
| 31 | M21 | X | -2.01 | -2.01 | 0 | %100 |
| 32 | M21 | Z | -3.481 | -3.481 | 0 | %100 |
| 33 | M24 | X | -2.01 | -2.01 | 0 | %100 |
| 34 | M24 | Z | -3.481 | -3.481 | 0 | %100 |
| 35 | M25 | X | -2.01 | -2.01 | 0 | %100 |
| 36 | M25 | Z | -3.481 | -3.481 | 0 | %100 |
| 37 | M26 | X | -2.01 | -2.01 | 0 | %100 |
| 38 | M26 | Z | -3.481 | -3.481 | 0 | %100 |
| 39 | M27 | X | -2.01 | -2.01 | 0 | %100 |
| 40 | M27 | Z | -3.481 | -3.481 | 0 | %100 |
| 41 | M28 | X | -2.01 | -2.01 | 0 | %100 |
| 42 | M28 | Z | -3.481 | -3.481 | 0 | %100 |
| 43 | M29 | X | -2.01 | -2.01 | 0 | %100 |
| 44 | M29 | Z | -3.481 | -3.481 | 0 | %100 |
| 45 | M32 | X | -2.909 | -2.909 | 0 | %100 |
| 46 | M32 | Z | -5.038 | -5.038 | 0 | %100 |
| 47 | M33 | X | -2.909 | -2.909 | 0 | %100 |
| 48 | M33 | Z | -5.038 | -5.038 | 0 | %100 |
| 49 | M34 | X | -2.909 | -2.909 | 0 | %100 |
| 50 | M34 | Z | -5.038 | -5.038 | 0 | %100 |
| 51 | M35 | X | -2.152 | -2.152 | 0 | %100 |
| 52 | M35 | Z | -3.727 | -3.727 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 53 | M36 | X | -2.212 | -2.212 | 0 | %100 |
| 54 | M36 | Z | -3.832 | -3.832 | 0 | %100 |
| 55 | M37 | X | -2.909 | -2.909 | 0 | %100 |
| 56 | M37 | Z | -5.038 | -5.038 | 0 | %100 |
| 57 | M38 | X | -2.909 | -2.909 | 0 | %100 |
| 58 | M38 | Z | -5.038 | -5.038 | 0 | %100 |
| 59 | M39 | X | -2.909 | -2.909 | 0 | %100 |
| 60 | M39 | Z | -5.038 | -5.038 | 0 | %100 |
| 61 | M40 | X | -2.152 | -2.152 | 0 | %100 |
| 62 | M40 | Z | -3.727 | -3.727 | 0 | %100 |
| 63 | M41 | X | -2.212 | -2.212 | 0 | %100 |
| 64 | M41 | Z | -3.832 | -3.832 | 0 | %100 |
| 65 | M41A | X | -4.123 | -4.123 | 0 | %100 |
| 66 | M41A | Z | -7.142 | -7.142 | 0 | %100 |
| 67 | FACE | X | -4.123 | -4.123 | 0 | %100 |
| 68 | FACE | Z | -7.142 | -7.142 | 0 | %100 |
| 69 | MP1A | X | -4.541 | -4.541 | 0 | %100 |
| 70 | MP1A | Z | -7.866 | -7.866 | 0 | %100 |
| 71 | MP2A | X | -4.541 | -4.541 | 0 | %100 |
| 72 | MP2A | Z | -7.866 | -7.866 | 0 | %100 |
| 73 | MP3A | X | -4.541 | -4.541 | 0 | %100 |
| 74 | MP3A | Z | -7.866 | -7.866 | 0 | %100 |
| 75 | MP4A | X | -4.541 | -4.541 | 0 | %100 |
| 76 | MP4A | Z | -7.866 | -7.866 | 0 | %100 |
| 77 | MP5A | X | -4.541 | -4.541 | 0 | %100 |
| 78 | MP5A | Z | -7.866 | -7.866 | 0 | %100 |
| 79 | M58 | X | -5.459 | -5.459 | 0 | %100 |
| 80 | M58 | Z | -9.455 | -9.455 | 0 | %100 |
| 81 | M59 | X | -.717 | -.717 | 0 | %100 |
| 82 | M59 | Z | -1.242 | -1.242 | 0 | %100 |
| 83 | M60 | X | -.717 | -.717 | 0 | %100 |
| 84 | M60 | Z | -1.242 | -1.242 | 0 | %100 |
| 85 | M61 | X | -.717 | -.717 | 0 | %100 |
| 86 | M61 | Z | -1.242 | -1.242 | 0 | %100 |
| 87 | M62 | X | -.717 | -.717 | 0 | %100 |
| 88 | M62 | Z | -1.242 | -1.242 | 0 | %100 |
| 89 | M63 | X | -4.541 | -4.541 | 0 | %100 |
| 90 | M63 | Z | -7.866 | -7.866 | 0 | %100 |
| 91 | M64 | X | -4.541 | -4.541 | 0 | %100 |
| 92 | M64 | Z | -7.866 | -7.866 | 0 | %100 |
| 93 | M65 | X | -4.541 | -4.541 | 0 | %100 |
| 94 | M65 | Z | -7.866 | -7.866 | 0 | %100 |
| 95 | M66 | X | -4.541 | -4.541 | 0 | %100 |
| 96 | M66 | Z | -7.866 | -7.866 | 0 | %100 |
| 97 | M71 | X | -4.541 | -4.541 | 0 | %100 |
| 98 | M71 | Z | -7.866 | -7.866 | 0 | %100 |
| 99 | M72 | X | -4.541 | -4.541 | 0 | %100 |
| 100 | M72 | Z | -7.866 | -7.866 | 0 | %100 |
| 101 | M73 | X | -2.01 | -2.01 | 0 | %100 |
| 102 | M73 | Z | -3.481 | -3.481 | 0 | %100 |
| 103 | M74 | X | -2.01 | -2.01 | 0 | %100 |
| 104 | M74 | Z | -3.481 | -3.481 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 105 | M75 | X | -2.01 | -2.01 | 0 | %100 |
| 106 | M75 | Z | -3.481 | -3.481 | 0 | %100 |
| 107 | M76 | X | -2.01 | -2.01 | 0 | %100 |
| 108 | M76 | Z | -3.481 | -3.481 | 0 | %100 |
| 109 | M77 | X | -2.01 | -2.01 | 0 | %100 |
| 110 | M77 | Z | -3.481 | -3.481 | 0 | %100 |
| 111 | M78 | X | -2.01 | -2.01 | 0 | %100 |
| 112 | M78 | Z | -3.481 | -3.481 | 0 | %100 |
| 113 | M79 | X | -2.01 | -2.01 | 0 | %100 |
| 114 | M79 | Z | -3.481 | -3.481 | 0 | %100 |
| 115 | M80 | X | -2.01 | -2.01 | 0 | %100 |
| 116 | M80 | Z | -3.481 | -3.481 | 0 | %100 |
| 117 | M81 | X | -2.01 | -2.01 | 0 | %100 |
| 118 | M81 | Z | -3.481 | -3.481 | 0 | %100 |
| 119 | M82 | X | -2.01 | -2.01 | 0 | %100 |
| 120 | M82 | Z | -3.481 | -3.481 | 0 | %100 |
| 121 | M83 | X | -2.01 | -2.01 | 0 | %100 |
| 122 | M83 | Z | -3.481 | -3.481 | 0 | %100 |
| 123 | M84 | X | -2.01 | -2.01 | 0 | %100 |
| 124 | M84 | Z | -3.481 | -3.481 | 0 | %100 |
| 125 | M85 | X | -2.909 | -2.909 | 0 | %100 |
| 126 | M85 | Z | -5.038 | -5.038 | 0 | %100 |
| 127 | M86 | X | -2.909 | -2.909 | 0 | %100 |
| 128 | M86 | Z | -5.038 | -5.038 | 0 | %100 |
| 129 | M87 | X | -2.909 | -2.909 | 0 | %100 |
| 130 | M87 | Z | -5.038 | -5.038 | 0 | %100 |
| 131 | M88 | X | -3.174 | -3.174 | 0 | %100 |
| 132 | M88 | Z | -5.498 | -5.498 | 0 | %100 |
| 133 | M89 | X | -3.174 | -3.174 | 0 | %100 |
| 134 | M89 | Z | -5.498 | -5.498 | 0 | %100 |
| 135 | M90 | X | -2.909 | -2.909 | 0 | %100 |
| 136 | M90 | Z | -5.038 | -5.038 | 0 | %100 |
| 137 | M91 | X | -2.909 | -2.909 | 0 | %100 |
| 138 | M91 | Z | -5.038 | -5.038 | 0 | %100 |
| 139 | M92 | X | -2.909 | -2.909 | 0 | %100 |
| 140 | M92 | Z | -5.038 | -5.038 | 0 | %100 |
| 141 | M93 | X | -3.174 | -3.174 | 0 | %100 |
| 142 | M93 | Z | -5.498 | -5.498 | 0 | %100 |
| 143 | M94 | X | -3.174 | -3.174 | 0 | %100 |
| 144 | M94 | Z | -5.498 | -5.498 | 0 | %100 |
| 145 | M99 | X | 0 | 0 | 0 | %100 |
| 146 | M99 | Z | 0 | 0 | 0 | %100 |
| 147 | M100 | X | 0 | 0 | 0 | %100 |
| 148 | M100 | Z | 0 | 0 | 0 | %100 |
| 149 | MP1C | X | -4.541 | -4.541 | 0 | %100 |
| 150 | MP1C | Z | -7.866 | -7.866 | 0 | %100 |
| 151 | MP2C | X | -4.541 | -4.541 | 0 | %100 |
| 152 | MP2C | Z | -7.866 | -7.866 | 0 | %100 |
| 153 | MP3C | X | -4.541 | -4.541 | 0 | %100 |
| 154 | MP3C | Z | -7.866 | -7.866 | 0 | %100 |
| 155 | MP4C | X | -4.541 | -4.541 | 0 | %100 |
| 156 | MP4C | Z | -7.866 | -7.866 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 157 | MP5C | X | -4.541 | -4.541 | 0 | %100 |
| 158 | MP5C | Z | -7.866 | -7.866 | 0 | %100 |
| 159 | M116 | X | -1.387 | -1.387 | 0 | %100 |
| 160 | M116 | Z | -2.402 | -2.402 | 0 | %100 |
| 161 | M117 | X | -.179 | -.179 | 0 | %100 |
| 162 | M117 | Z | -.311 | -.311 | 0 | %100 |
| 163 | M118 | X | -.179 | -.179 | 0 | %100 |
| 164 | M118 | Z | -.311 | -.311 | 0 | %100 |
| 165 | M119 | X | -.179 | -.179 | 0 | %100 |
| 166 | M119 | Z | -.31 | -.31 | 0 | %100 |
| 167 | M120 | X | -.179 | -.179 | 0 | %100 |
| 168 | M120 | Z | -.31 | -.31 | 0 | %100 |
| 169 | M121 | X | -1.135 | -1.135 | 0 | %100 |
| 170 | M121 | Z | -1.967 | -1.967 | 0 | %100 |
| 171 | M122 | X | -1.135 | -1.135 | 0 | %100 |
| 172 | M122 | Z | -1.967 | -1.967 | 0 | %100 |
| 173 | M123 | X | -1.135 | -1.135 | 0 | %100 |
| 174 | M123 | Z | -1.967 | -1.967 | 0 | %100 |
| 175 | M124 | X | -1.135 | -1.135 | 0 | %100 |
| 176 | M124 | Z | -1.967 | -1.967 | 0 | %100 |
| 177 | M129 | X | -4.541 | -4.541 | 0 | %100 |
| 178 | M129 | Z | -7.866 | -7.866 | 0 | %100 |
| 179 | M130 | X | -4.541 | -4.541 | 0 | %100 |
| 180 | M130 | Z | -7.866 | -7.866 | 0 | %100 |
| 181 | M131 | X | -2.01 | -2.01 | 0 | %100 |
| 182 | M131 | Z | -3.481 | -3.481 | 0 | %100 |
| 183 | M132 | X | -2.01 | -2.01 | 0 | %100 |
| 184 | M132 | Z | -3.481 | -3.481 | 0 | %100 |
| 185 | M133 | X | -2.01 | -2.01 | 0 | %100 |
| 186 | M133 | Z | -3.481 | -3.481 | 0 | %100 |
| 187 | M134 | X | -2.01 | -2.01 | 0 | %100 |
| 188 | M134 | Z | -3.481 | -3.481 | 0 | %100 |
| 189 | M135 | X | -2.01 | -2.01 | 0 | %100 |
| 190 | M135 | Z | -3.481 | -3.481 | 0 | %100 |
| 191 | M136 | X | -2.01 | -2.01 | 0 | %100 |
| 192 | M136 | Z | -3.481 | -3.481 | 0 | %100 |
| 193 | M137 | X | -2.01 | -2.01 | 0 | %100 |
| 194 | M137 | Z | -3.481 | -3.481 | 0 | %100 |
| 195 | M138 | X | -2.01 | -2.01 | 0 | %100 |
| 196 | M138 | Z | -3.481 | -3.481 | 0 | %100 |
| 197 | M139 | X | -2.01 | -2.01 | 0 | %100 |
| 198 | M139 | Z | -3.481 | -3.481 | 0 | %100 |
| 199 | M140 | X | -2.01 | -2.01 | 0 | %100 |
| 200 | M140 | Z | -3.481 | -3.481 | 0 | %100 |
| 201 | M141 | X | -2.01 | -2.01 | 0 | %100 |
| 202 | M141 | Z | -3.481 | -3.481 | 0 | %100 |
| 203 | M142 | X | -2.01 | -2.01 | 0 | %100 |
| 204 | M142 | Z | -3.481 | -3.481 | 0 | %100 |
| 205 | M143 | X | -2.909 | -2.909 | 0 | %100 |
| 206 | M143 | Z | -5.038 | -5.038 | 0 | %100 |
| 207 | M144 | X | -2.909 | -2.909 | 0 | %100 |
| 208 | M144 | Z | -5.038 | -5.038 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 209 | M145 | X | -2.909 | -2.909 | 0 | %100 |
| 210 | M145 | Z | -5.038 | -5.038 | 0 | %100 |
| 211 | M146 | X | -2.152 | -2.152 | 0 | %100 |
| 212 | M146 | Z | -3.727 | -3.727 | 0 | %100 |
| 213 | M147 | X | -2.212 | -2.212 | 0 | %100 |
| 214 | M147 | Z | -3.832 | -3.832 | 0 | %100 |
| 215 | M148 | X | -2.909 | -2.909 | 0 | %100 |
| 216 | M148 | Z | -5.038 | -5.038 | 0 | %100 |
| 217 | M149 | X | -2.909 | -2.909 | 0 | %100 |
| 218 | M149 | Z | -5.038 | -5.038 | 0 | %100 |
| 219 | M150 | X | -2.909 | -2.909 | 0 | %100 |
| 220 | M150 | Z | -5.038 | -5.038 | 0 | %100 |
| 221 | M151 | X | -2.152 | -2.152 | 0 | %100 |
| 222 | M151 | Z | -3.727 | -3.727 | 0 | %100 |
| 223 | M152 | X | -2.212 | -2.212 | 0 | %100 |
| 224 | M152 | Z | -3.832 | -3.832 | 0 | %100 |
| 225 | M157 | X | -4.123 | -4.123 | 0 | %100 |
| 226 | M157 | Z | -7.142 | -7.142 | 0 | %100 |
| 227 | M158 | X | -4.123 | -4.123 | 0 | %100 |
| 228 | M158 | Z | -7.142 | -7.142 | 0 | %100 |
| 229 | MP1B | X | -4.541 | -4.541 | 0 | %100 |
| 230 | MP1B | Z | -7.866 | -7.866 | 0 | %100 |
| 231 | MP2B | X | -4.541 | -4.541 | 0 | %100 |
| 232 | MP2B | Z | -7.866 | -7.866 | 0 | %100 |
| 233 | MP3B | X | -4.541 | -4.541 | 0 | %100 |
| 234 | MP3B | Z | -7.866 | -7.866 | 0 | %100 |
| 235 | MP4B | X | -4.541 | -4.541 | 0 | %100 |
| 236 | MP4B | Z | -7.866 | -7.866 | 0 | %100 |
| 237 | MP5B | X | -4.541 | -4.541 | 0 | %100 |
| 238 | MP5B | Z | -7.866 | -7.866 | 0 | %100 |
| 239 | M174 | X | -.996 | -.996 | 0 | %100 |
| 240 | M174 | Z | -1.725 | -1.725 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | 0 | 0 | 0 | %100 |
| 2 | M1 | Z | 0 | 0 | 0 | %100 |
| 3 | M2 | X | 0 | 0 | 0 | %100 |
| 4 | M2 | Z | 0 | 0 | 0 | %100 |
| 5 | M3 | X | 0 | 0 | 0 | %100 |
| 6 | M3 | Z | 0 | 0 | 0 | %100 |
| 7 | M4 | X | 0 | 0 | 0 | %100 |
| 8 | M4 | Z | 0 | 0 | 0 | %100 |
| 9 | M5 | X | 0 | 0 | 0 | %100 |
| 10 | M5 | Z | 0 | 0 | 0 | %100 |
| 11 | M6 | X | 0 | 0 | 0 | %100 |
| 12 | M6 | Z | 0 | 0 | 0 | %100 |
| 13 | M7 | X | 0 | 0 | 0 | %100 |
| 14 | M7 | Z | 0 | 0 | 0 | %100 |
| 15 | M8 | X | 0 | 0 | 0 | %100 |
| 16 | M8 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 17 | M13 | X | 0 | 0 | 0 | %100 |
| 18 | M13 | Z | -2.831 | -2.831 | 0 | %100 |
| 19 | M14 | X | 0 | 0 | 0 | %100 |
| 20 | M14 | Z | -2.831 | -2.831 | 0 | %100 |
| 21 | M16 | X | 0 | 0 | 0 | %100 |
| 22 | M16 | Z | -1.043 | -1.043 | 0 | %100 |
| 23 | M17 | X | 0 | 0 | 0 | %100 |
| 24 | M17 | Z | -1.043 | -1.043 | 0 | %100 |
| 25 | M18 | X | 0 | 0 | 0 | %100 |
| 26 | M18 | Z | -1.043 | -1.043 | 0 | %100 |
| 27 | M19 | X | 0 | 0 | 0 | %100 |
| 28 | M19 | Z | -1.043 | -1.043 | 0 | %100 |
| 29 | M20 | X | 0 | 0 | 0 | %100 |
| 30 | M20 | Z | -1.043 | -1.043 | 0 | %100 |
| 31 | M21 | X | 0 | 0 | 0 | %100 |
| 32 | M21 | Z | -1.043 | -1.043 | 0 | %100 |
| 33 | M24 | X | 0 | 0 | 0 | %100 |
| 34 | M24 | Z | -1.043 | -1.043 | 0 | %100 |
| 35 | M25 | X | 0 | 0 | 0 | %100 |
| 36 | M25 | Z | -1.043 | -1.043 | 0 | %100 |
| 37 | M26 | X | 0 | 0 | 0 | %100 |
| 38 | M26 | Z | -1.043 | -1.043 | 0 | %100 |
| 39 | M27 | X | 0 | 0 | 0 | %100 |
| 40 | M27 | Z | -1.043 | -1.043 | 0 | %100 |
| 41 | M28 | X | 0 | 0 | 0 | %100 |
| 42 | M28 | Z | -1.043 | -1.043 | 0 | %100 |
| 43 | M29 | X | 0 | 0 | 0 | %100 |
| 44 | M29 | Z | -1.043 | -1.043 | 0 | %100 |
| 45 | M32 | X | 0 | 0 | 0 | %100 |
| 46 | M32 | Z | -2.047 | -2.047 | 0 | %100 |
| 47 | M33 | X | 0 | 0 | 0 | %100 |
| 48 | M33 | Z | -2.047 | -2.047 | 0 | %100 |
| 49 | M34 | X | 0 | 0 | 0 | %100 |
| 50 | M34 | Z | -2.047 | -2.047 | 0 | %100 |
| 51 | M35 | X | 0 | 0 | 0 | %100 |
| 52 | M35 | Z | -1.286 | -1.286 | 0 | %100 |
| 53 | M36 | X | 0 | 0 | 0 | %100 |
| 54 | M36 | Z | -1.337 | -1.337 | 0 | %100 |
| 55 | M37 | X | 0 | 0 | 0 | %100 |
| 56 | M37 | Z | -2.047 | -2.047 | 0 | %100 |
| 57 | M38 | X | 0 | 0 | 0 | %100 |
| 58 | M38 | Z | -2.047 | -2.047 | 0 | %100 |
| 59 | M39 | X | 0 | 0 | 0 | %100 |
| 60 | M39 | Z | -2.047 | -2.047 | 0 | %100 |
| 61 | M40 | X | 0 | 0 | 0 | %100 |
| 62 | M40 | Z | -1.286 | -1.286 | 0 | %100 |
| 63 | M41 | X | 0 | 0 | 0 | %100 |
| 64 | M41 | Z | -1.337 | -1.337 | 0 | %100 |
| 65 | M41A | X | 0 | 0 | 0 | %100 |
| 66 | M41A | Z | -3.132 | -3.132 | 0 | %100 |
| 67 | FACE | X | 0 | 0 | 0 | %100 |
| 68 | FACE | Z | -3.132 | -3.132 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 69 | MP1A | X | 0 | 0 | 0 | %100 |
| 70 | MP1A | Z | -2.831 | -2.831 | 0 | %100 |
| 71 | MP2A | X | 0 | 0 | 0 | %100 |
| 72 | MP2A | Z | -2.831 | -2.831 | 0 | %100 |
| 73 | MP3A | X | 0 | 0 | 0 | %100 |
| 74 | MP3A | Z | -2.831 | -2.831 | 0 | %100 |
| 75 | MP4A | X | 0 | 0 | 0 | %100 |
| 76 | MP4A | Z | -2.831 | -2.831 | 0 | %100 |
| 77 | MP5A | X | 0 | 0 | 0 | %100 |
| 78 | MP5A | Z | -2.831 | -2.831 | 0 | %100 |
| 79 | M58 | X | 0 | 0 | 0 | %100 |
| 80 | M58 | Z | -2.111 | -2.111 | 0 | %100 |
| 81 | M59 | X | 0 | 0 | 0 | %100 |
| 82 | M59 | Z | -.782 | -.782 | 0 | %100 |
| 83 | M60 | X | 0 | 0 | 0 | %100 |
| 84 | M60 | Z | -.782 | -.782 | 0 | %100 |
| 85 | M61 | X | 0 | 0 | 0 | %100 |
| 86 | M61 | Z | -.782 | -.782 | 0 | %100 |
| 87 | M62 | X | 0 | 0 | 0 | %100 |
| 88 | M62 | Z | -.782 | -.782 | 0 | %100 |
| 89 | M63 | X | 0 | 0 | 0 | %100 |
| 90 | M63 | Z | -2.123 | -2.123 | 0 | %100 |
| 91 | M64 | X | 0 | 0 | 0 | %100 |
| 92 | M64 | Z | -2.123 | -2.123 | 0 | %100 |
| 93 | M65 | X | 0 | 0 | 0 | %100 |
| 94 | M65 | Z | -2.123 | -2.123 | 0 | %100 |
| 95 | M66 | X | 0 | 0 | 0 | %100 |
| 96 | M66 | Z | -2.123 | -2.123 | 0 | %100 |
| 97 | M71 | X | 0 | 0 | 0 | %100 |
| 98 | M71 | Z | -2.831 | -2.831 | 0 | %100 |
| 99 | M72 | X | 0 | 0 | 0 | %100 |
| 100 | M72 | Z | -2.831 | -2.831 | 0 | %100 |
| 101 | M73 | X | 0 | 0 | 0 | %100 |
| 102 | M73 | Z | -1.043 | -1.043 | 0 | %100 |
| 103 | M74 | X | 0 | 0 | 0 | %100 |
| 104 | M74 | Z | -1.043 | -1.043 | 0 | %100 |
| 105 | M75 | X | 0 | 0 | 0 | %100 |
| 106 | M75 | Z | -1.043 | -1.043 | 0 | %100 |
| 107 | M76 | X | 0 | 0 | 0 | %100 |
| 108 | M76 | Z | -1.043 | -1.043 | 0 | %100 |
| 109 | M77 | X | 0 | 0 | 0 | %100 |
| 110 | M77 | Z | -1.043 | -1.043 | 0 | %100 |
| 111 | M78 | X | 0 | 0 | 0 | %100 |
| 112 | M78 | Z | -1.043 | -1.043 | 0 | %100 |
| 113 | M79 | X | 0 | 0 | 0 | %100 |
| 114 | M79 | Z | -1.043 | -1.043 | 0 | %100 |
| 115 | M80 | X | 0 | 0 | 0 | %100 |
| 116 | M80 | Z | -1.043 | -1.043 | 0 | %100 |
| 117 | M81 | X | 0 | 0 | 0 | %100 |
| 118 | M81 | Z | -1.043 | -1.043 | 0 | %100 |
| 119 | M82 | X | 0 | 0 | 0 | %100 |
| 120 | M82 | Z | -1.043 | -1.043 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 121 | M83 | X | 0 | 0 | 0 | %100 |
| 122 | M83 | Z | -1.043 | -1.043 | 0 | %100 |
| 123 | M84 | X | 0 | 0 | 0 | %100 |
| 124 | M84 | Z | -1.043 | -1.043 | 0 | %100 |
| 125 | M85 | X | 0 | 0 | 0 | %100 |
| 126 | M85 | Z | -2.047 | -2.047 | 0 | %100 |
| 127 | M86 | X | 0 | 0 | 0 | %100 |
| 128 | M86 | Z | -2.047 | -2.047 | 0 | %100 |
| 129 | M87 | X | 0 | 0 | 0 | %100 |
| 130 | M87 | Z | -2.047 | -2.047 | 0 | %100 |
| 131 | M88 | X | 0 | 0 | 0 | %100 |
| 132 | M88 | Z | -2.012 | -2.012 | 0 | %100 |
| 133 | M89 | X | 0 | 0 | 0 | %100 |
| 134 | M89 | Z | -2.016 | -2.016 | 0 | %100 |
| 135 | M90 | X | 0 | 0 | 0 | %100 |
| 136 | M90 | Z | -2.047 | -2.047 | 0 | %100 |
| 137 | M91 | X | 0 | 0 | 0 | %100 |
| 138 | M91 | Z | -2.047 | -2.047 | 0 | %100 |
| 139 | M92 | X | 0 | 0 | 0 | %100 |
| 140 | M92 | Z | -2.047 | -2.047 | 0 | %100 |
| 141 | M93 | X | 0 | 0 | 0 | %100 |
| 142 | M93 | Z | -2.012 | -2.012 | 0 | %100 |
| 143 | M94 | X | 0 | 0 | 0 | %100 |
| 144 | M94 | Z | -2.016 | -2.016 | 0 | %100 |
| 145 | M99 | X | 0 | 0 | 0 | %100 |
| 146 | M99 | Z | -.783 | -.783 | 0 | %100 |
| 147 | M100 | X | 0 | 0 | 0 | %100 |
| 148 | M100 | Z | -.783 | -.783 | 0 | %100 |
| 149 | MP1C | X | 0 | 0 | 0 | %100 |
| 150 | MP1C | Z | -2.831 | -2.831 | 0 | %100 |
| 151 | MP2C | X | 0 | 0 | 0 | %100 |
| 152 | MP2C | Z | -2.831 | -2.831 | 0 | %100 |
| 153 | MP3C | X | 0 | 0 | 0 | %100 |
| 154 | MP3C | Z | -2.831 | -2.831 | 0 | %100 |
| 155 | MP4C | X | 0 | 0 | 0 | %100 |
| 156 | MP4C | Z | -2.831 | -2.831 | 0 | %100 |
| 157 | MP5C | X | 0 | 0 | 0 | %100 |
| 158 | MP5C | Z | -2.831 | -2.831 | 0 | %100 |
| 159 | M116 | X | 0 | 0 | 0 | %100 |
| 160 | M116 | Z | -2.356 | -2.356 | 0 | %100 |
| 161 | M117 | X | 0 | 0 | 0 | %100 |
| 162 | M117 | Z | -.782 | -.782 | 0 | %100 |
| 163 | M118 | X | 0 | 0 | 0 | %100 |
| 164 | M118 | Z | -.782 | -.782 | 0 | %100 |
| 165 | M119 | X | 0 | 0 | 0 | %100 |
| 166 | M119 | Z | -.782 | -.782 | 0 | %100 |
| 167 | M120 | X | 0 | 0 | 0 | %100 |
| 168 | M120 | Z | -.782 | -.782 | 0 | %100 |
| 169 | M121 | X | 0 | 0 | 0 | %100 |
| 170 | M121 | Z | -2.123 | -2.123 | 0 | %100 |
| 171 | M122 | X | 0 | 0 | 0 | %100 |
| 172 | M122 | Z | -2.123 | -2.123 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 173 | M123 | X | 0 | 0 | 0 | %100 |
| 174 | M123 | Z | -2.123 | -2.123 | 0 | %100 |
| 175 | M124 | X | 0 | 0 | 0 | %100 |
| 176 | M124 | Z | -2.123 | -2.123 | 0 | %100 |
| 177 | M129 | X | 0 | 0 | 0 | %100 |
| 178 | M129 | Z | -2.831 | -2.831 | 0 | %100 |
| 179 | M130 | X | 0 | 0 | 0 | %100 |
| 180 | M130 | Z | -2.831 | -2.831 | 0 | %100 |
| 181 | M131 | X | 0 | 0 | 0 | %100 |
| 182 | M131 | Z | -1.043 | -1.043 | 0 | %100 |
| 183 | M132 | X | 0 | 0 | 0 | %100 |
| 184 | M132 | Z | -1.043 | -1.043 | 0 | %100 |
| 185 | M133 | X | 0 | 0 | 0 | %100 |
| 186 | M133 | Z | -1.043 | -1.043 | 0 | %100 |
| 187 | M134 | X | 0 | 0 | 0 | %100 |
| 188 | M134 | Z | -1.043 | -1.043 | 0 | %100 |
| 189 | M135 | X | 0 | 0 | 0 | %100 |
| 190 | M135 | Z | -1.043 | -1.043 | 0 | %100 |
| 191 | M136 | X | 0 | 0 | 0 | %100 |
| 192 | M136 | Z | -1.043 | -1.043 | 0 | %100 |
| 193 | M137 | X | 0 | 0 | 0 | %100 |
| 194 | M137 | Z | -1.043 | -1.043 | 0 | %100 |
| 195 | M138 | X | 0 | 0 | 0 | %100 |
| 196 | M138 | Z | -1.043 | -1.043 | 0 | %100 |
| 197 | M139 | X | 0 | 0 | 0 | %100 |
| 198 | M139 | Z | -1.043 | -1.043 | 0 | %100 |
| 199 | M140 | X | 0 | 0 | 0 | %100 |
| 200 | M140 | Z | -1.043 | -1.043 | 0 | %100 |
| 201 | M141 | X | 0 | 0 | 0 | %100 |
| 202 | M141 | Z | -1.043 | -1.043 | 0 | %100 |
| 203 | M142 | X | 0 | 0 | 0 | %100 |
| 204 | M142 | Z | -1.043 | -1.043 | 0 | %100 |
| 205 | M143 | X | 0 | 0 | 0 | %100 |
| 206 | M143 | Z | -2.047 | -2.047 | 0 | %100 |
| 207 | M144 | X | 0 | 0 | 0 | %100 |
| 208 | M144 | Z | -2.047 | -2.047 | 0 | %100 |
| 209 | M145 | X | 0 | 0 | 0 | %100 |
| 210 | M145 | Z | -2.047 | -2.047 | 0 | %100 |
| 211 | M146 | X | 0 | 0 | 0 | %100 |
| 212 | M146 | Z | -2.012 | -2.012 | 0 | %100 |
| 213 | M147 | X | 0 | 0 | 0 | %100 |
| 214 | M147 | Z | -2.016 | -2.016 | 0 | %100 |
| 215 | M148 | X | 0 | 0 | 0 | %100 |
| 216 | M148 | Z | -2.047 | -2.047 | 0 | %100 |
| 217 | M149 | X | 0 | 0 | 0 | %100 |
| 218 | M149 | Z | -2.047 | -2.047 | 0 | %100 |
| 219 | M150 | X | 0 | 0 | 0 | %100 |
| 220 | M150 | Z | -2.047 | -2.047 | 0 | %100 |
| 221 | M151 | X | 0 | 0 | 0 | %100 |
| 222 | M151 | Z | -2.012 | -2.012 | 0 | %100 |
| 223 | M152 | X | 0 | 0 | 0 | %100 |
| 224 | M152 | Z | -2.016 | -2.016 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 225 | M157 | X | 0 | 0 | 0 | %100 |
| 226 | M157 | Z | -.783 | -.783 | 0 | %100 |
| 227 | M158 | X | 0 | 0 | 0 | %100 |
| 228 | M158 | Z | -.783 | -.783 | 0 | %100 |
| 229 | MP1B | X | 0 | 0 | 0 | %100 |
| 230 | MP1B | Z | -2.831 | -2.831 | 0 | %100 |
| 231 | MP2B | X | 0 | 0 | 0 | %100 |
| 232 | MP2B | Z | -2.831 | -2.831 | 0 | %100 |
| 233 | MP3B | X | 0 | 0 | 0 | %100 |
| 234 | MP3B | Z | -2.831 | -2.831 | 0 | %100 |
| 235 | MP4B | X | 0 | 0 | 0 | %100 |
| 236 | MP4B | Z | -2.831 | -2.831 | 0 | %100 |
| 237 | MP5B | X | 0 | 0 | 0 | %100 |
| 238 | MP5B | Z | -2.831 | -2.831 | 0 | %100 |
| 239 | M174 | X | 0 | 0 | 0 | %100 |
| 240 | M174 | Z | -.022 | -.022 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | .13 | .13 | 0 | %100 |
| 2 | M1 | Z | -.226 | -.226 | 0 | %100 |
| 3 | M2 | X | .13 | .13 | 0 | %100 |
| 4 | M2 | Z | -.226 | -.226 | 0 | %100 |
| 5 | M3 | X | .13 | .13 | 0 | %100 |
| 6 | M3 | Z | -.226 | -.226 | 0 | %100 |
| 7 | M4 | X | .13 | .13 | 0 | %100 |
| 8 | M4 | Z | -.226 | -.226 | 0 | %100 |
| 9 | M5 | X | .354 | .354 | 0 | %100 |
| 10 | M5 | Z | -.613 | -.613 | 0 | %100 |
| 11 | M6 | X | .354 | .354 | 0 | %100 |
| 12 | M6 | Z | -.613 | -.613 | 0 | %100 |
| 13 | M7 | X | .354 | .354 | 0 | %100 |
| 14 | M7 | Z | -.613 | -.613 | 0 | %100 |
| 15 | M8 | X | .354 | .354 | 0 | %100 |
| 16 | M8 | Z | -.613 | -.613 | 0 | %100 |
| 17 | M13 | X | 1.415 | 1.415 | 0 | %100 |
| 18 | M13 | Z | -2.451 | -2.451 | 0 | %100 |
| 19 | M14 | X | 1.415 | 1.415 | 0 | %100 |
| 20 | M14 | Z | -2.451 | -2.451 | 0 | %100 |
| 21 | M16 | X | .725 | .725 | 0 | %100 |
| 22 | M16 | Z | -1.256 | -1.256 | 0 | %100 |
| 23 | M17 | X | .725 | .725 | 0 | %100 |
| 24 | M17 | Z | -1.256 | -1.256 | 0 | %100 |
| 25 | M18 | X | .725 | .725 | 0 | %100 |
| 26 | M18 | Z | -1.256 | -1.256 | 0 | %100 |
| 27 | M19 | X | .725 | .725 | 0 | %100 |
| 28 | M19 | Z | -1.256 | -1.256 | 0 | %100 |
| 29 | M20 | X | .725 | .725 | 0 | %100 |
| 30 | M20 | Z | -1.256 | -1.256 | 0 | %100 |
| 31 | M21 | X | .725 | .725 | 0 | %100 |
| 32 | M21 | Z | -1.256 | -1.256 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 33 | M24 | X | .725 | .725 | 0 | %100 |
| 34 | M24 | Z | -1.256 | -1.256 | 0 | %100 |
| 35 | M25 | X | .725 | .725 | 0 | %100 |
| 36 | M25 | Z | -1.256 | -1.256 | 0 | %100 |
| 37 | M26 | X | .725 | .725 | 0 | %100 |
| 38 | M26 | Z | -1.256 | -1.256 | 0 | %100 |
| 39 | M27 | X | .725 | .725 | 0 | %100 |
| 40 | M27 | Z | -1.256 | -1.256 | 0 | %100 |
| 41 | M28 | X | .725 | .725 | 0 | %100 |
| 42 | M28 | Z | -1.256 | -1.256 | 0 | %100 |
| 43 | M29 | X | .725 | .725 | 0 | %100 |
| 44 | M29 | Z | -1.256 | -1.256 | 0 | %100 |
| 45 | M32 | X | 1.024 | 1.024 | 0 | %100 |
| 46 | M32 | Z | -1.773 | -1.773 | 0 | %100 |
| 47 | M33 | X | 1.024 | 1.024 | 0 | %100 |
| 48 | M33 | Z | -1.773 | -1.773 | 0 | %100 |
| 49 | M34 | X | 1.024 | 1.024 | 0 | %100 |
| 50 | M34 | Z | -1.773 | -1.773 | 0 | %100 |
| 51 | M35 | X | .764 | .764 | 0 | %100 |
| 52 | M35 | Z | -1.323 | -1.323 | 0 | %100 |
| 53 | M36 | X | .782 | .782 | 0 | %100 |
| 54 | M36 | Z | -1.354 | -1.354 | 0 | %100 |
| 55 | M37 | X | 1.024 | 1.024 | 0 | %100 |
| 56 | M37 | Z | -1.773 | -1.773 | 0 | %100 |
| 57 | M38 | X | 1.024 | 1.024 | 0 | %100 |
| 58 | M38 | Z | -1.773 | -1.773 | 0 | %100 |
| 59 | M39 | X | 1.024 | 1.024 | 0 | %100 |
| 60 | M39 | Z | -1.773 | -1.773 | 0 | %100 |
| 61 | M40 | X | .764 | .764 | 0 | %100 |
| 62 | M40 | Z | -1.323 | -1.323 | 0 | %100 |
| 63 | M41 | X | .782 | .782 | 0 | %100 |
| 64 | M41 | Z | -1.354 | -1.354 | 0 | %100 |
| 65 | M41A | X | 1.174 | 1.174 | 0 | %100 |
| 66 | M41A | Z | -2.034 | -2.034 | 0 | %100 |
| 67 | FACE | X | 1.174 | 1.174 | 0 | %100 |
| 68 | FACE | Z | -2.034 | -2.034 | 0 | %100 |
| 69 | MP1A | X | 1.415 | 1.415 | 0 | %100 |
| 70 | MP1A | Z | -2.451 | -2.451 | 0 | %100 |
| 71 | MP2A | X | 1.415 | 1.415 | 0 | %100 |
| 72 | MP2A | Z | -2.451 | -2.451 | 0 | %100 |
| 73 | MP3A | X | 1.415 | 1.415 | 0 | %100 |
| 74 | MP3A | Z | -2.451 | -2.451 | 0 | %100 |
| 75 | MP4A | X | 1.415 | 1.415 | 0 | %100 |
| 76 | MP4A | Z | -2.451 | -2.451 | 0 | %100 |
| 77 | MP5A | X | 1.415 | 1.415 | 0 | %100 |
| 78 | MP5A | Z | -2.451 | -2.451 | 0 | %100 |
| 79 | M58 | X | .284 | .284 | 0 | %100 |
| 80 | M58 | Z | -.491 | -.491 | 0 | %100 |
| 81 | M59 | X | .13 | .13 | 0 | %100 |
| 82 | M59 | Z | -.226 | -.226 | 0 | %100 |
| 83 | M60 | X | .13 | .13 | 0 | %100 |
| 84 | M60 | Z | -.226 | -.226 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 85 | M61 | X | .13 | .13 | 0 | %100 |
| 86 | M61 | Z | -.226 | -.226 | 0 | %100 |
| 87 | M62 | X | .13 | .13 | 0 | %100 |
| 88 | M62 | Z | -.226 | -.226 | 0 | %100 |
| 89 | M63 | X | .354 | .354 | 0 | %100 |
| 90 | M63 | Z | -.613 | -.613 | 0 | %100 |
| 91 | M64 | X | .354 | .354 | 0 | %100 |
| 92 | M64 | Z | -.613 | -.613 | 0 | %100 |
| 93 | M65 | X | .354 | .354 | 0 | %100 |
| 94 | M65 | Z | -.613 | -.613 | 0 | %100 |
| 95 | M66 | X | .354 | .354 | 0 | %100 |
| 96 | M66 | Z | -.613 | -.613 | 0 | %100 |
| 97 | M71 | X | 1.415 | 1.415 | 0 | %100 |
| 98 | M71 | Z | -2.451 | -2.451 | 0 | %100 |
| 99 | M72 | X | 1.415 | 1.415 | 0 | %100 |
| 100 | M72 | Z | -2.451 | -2.451 | 0 | %100 |
| 101 | M73 | X | .725 | .725 | 0 | %100 |
| 102 | M73 | Z | -1.256 | -1.256 | 0 | %100 |
| 103 | M74 | X | .725 | .725 | 0 | %100 |
| 104 | M74 | Z | -1.256 | -1.256 | 0 | %100 |
| 105 | M75 | X | .725 | .725 | 0 | %100 |
| 106 | M75 | Z | -1.256 | -1.256 | 0 | %100 |
| 107 | M76 | X | .725 | .725 | 0 | %100 |
| 108 | M76 | Z | -1.256 | -1.256 | 0 | %100 |
| 109 | M77 | X | .725 | .725 | 0 | %100 |
| 110 | M77 | Z | -1.256 | -1.256 | 0 | %100 |
| 111 | M78 | X | .725 | .725 | 0 | %100 |
| 112 | M78 | Z | -1.256 | -1.256 | 0 | %100 |
| 113 | M79 | X | .725 | .725 | 0 | %100 |
| 114 | M79 | Z | -1.256 | -1.256 | 0 | %100 |
| 115 | M80 | X | .725 | .725 | 0 | %100 |
| 116 | M80 | Z | -1.256 | -1.256 | 0 | %100 |
| 117 | M81 | X | .725 | .725 | 0 | %100 |
| 118 | M81 | Z | -1.256 | -1.256 | 0 | %100 |
| 119 | M82 | X | .725 | .725 | 0 | %100 |
| 120 | M82 | Z | -1.256 | -1.256 | 0 | %100 |
| 121 | M83 | X | .725 | .725 | 0 | %100 |
| 122 | M83 | Z | -1.256 | -1.256 | 0 | %100 |
| 123 | M84 | X | .725 | .725 | 0 | %100 |
| 124 | M84 | Z | -1.256 | -1.256 | 0 | %100 |
| 125 | M85 | X | 1.024 | 1.024 | 0 | %100 |
| 126 | M85 | Z | -1.773 | -1.773 | 0 | %100 |
| 127 | M86 | X | 1.024 | 1.024 | 0 | %100 |
| 128 | M86 | Z | -1.773 | -1.773 | 0 | %100 |
| 129 | M87 | X | 1.024 | 1.024 | 0 | %100 |
| 130 | M87 | Z | -1.773 | -1.773 | 0 | %100 |
| 131 | M88 | X | .764 | .764 | 0 | %100 |
| 132 | M88 | Z | -1.323 | -1.323 | 0 | %100 |
| 133 | M89 | X | .782 | .782 | 0 | %100 |
| 134 | M89 | Z | -1.354 | -1.354 | 0 | %100 |
| 135 | M90 | X | 1.024 | 1.024 | 0 | %100 |
| 136 | M90 | Z | -1.773 | -1.773 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 137 | M91 | X | 1.024 | 1.024 | 0 | %100 |
| 138 | M91 | Z | -1.773 | -1.773 | 0 | %100 |
| 139 | M92 | X | 1.024 | 1.024 | 0 | %100 |
| 140 | M92 | Z | -1.773 | -1.773 | 0 | %100 |
| 141 | M93 | X | .764 | .764 | 0 | %100 |
| 142 | M93 | Z | -1.323 | -1.323 | 0 | %100 |
| 143 | M94 | X | .782 | .782 | 0 | %100 |
| 144 | M94 | Z | -1.354 | -1.354 | 0 | %100 |
| 145 | M99 | X | 1.174 | 1.174 | 0 | %100 |
| 146 | M99 | Z | -2.034 | -2.034 | 0 | %100 |
| 147 | M100 | X | 1.174 | 1.174 | 0 | %100 |
| 148 | M100 | Z | -2.034 | -2.034 | 0 | %100 |
| 149 | MP1C | X | 1.415 | 1.415 | 0 | %100 |
| 150 | MP1C | Z | -2.451 | -2.451 | 0 | %100 |
| 151 | MP2C | X | 1.415 | 1.415 | 0 | %100 |
| 152 | MP2C | Z | -2.451 | -2.451 | 0 | %100 |
| 153 | MP3C | X | 1.415 | 1.415 | 0 | %100 |
| 154 | MP3C | Z | -2.451 | -2.451 | 0 | %100 |
| 155 | MP4C | X | 1.415 | 1.415 | 0 | %100 |
| 156 | MP4C | Z | -2.451 | -2.451 | 0 | %100 |
| 157 | MP5C | X | 1.415 | 1.415 | 0 | %100 |
| 158 | MP5C | Z | -2.451 | -2.451 | 0 | %100 |
| 159 | M116 | X | 1.566 | 1.566 | 0 | %100 |
| 160 | M116 | Z | -2.712 | -2.712 | 0 | %100 |
| 161 | M117 | X | .521 | .521 | 0 | %100 |
| 162 | M117 | Z | -.903 | -.903 | 0 | %100 |
| 163 | M118 | X | .521 | .521 | 0 | %100 |
| 164 | M118 | Z | -.903 | -.903 | 0 | %100 |
| 165 | M119 | X | .521 | .521 | 0 | %100 |
| 166 | M119 | Z | -.903 | -.903 | 0 | %100 |
| 167 | M120 | X | .521 | .521 | 0 | %100 |
| 168 | M120 | Z | -.903 | -.903 | 0 | %100 |
| 169 | M121 | X | 1.415 | 1.415 | 0 | %100 |
| 170 | M121 | Z | -2.451 | -2.451 | 0 | %100 |
| 171 | M122 | X | 1.415 | 1.415 | 0 | %100 |
| 172 | M122 | Z | -2.451 | -2.451 | 0 | %100 |
| 173 | M123 | X | 1.415 | 1.415 | 0 | %100 |
| 174 | M123 | Z | -2.451 | -2.451 | 0 | %100 |
| 175 | M124 | X | 1.415 | 1.415 | 0 | %100 |
| 176 | M124 | Z | -2.451 | -2.451 | 0 | %100 |
| 177 | M129 | X | 1.415 | 1.415 | 0 | %100 |
| 178 | M129 | Z | -2.451 | -2.451 | 0 | %100 |
| 179 | M130 | X | 1.415 | 1.415 | 0 | %100 |
| 180 | M130 | Z | -2.451 | -2.451 | 0 | %100 |
| 181 | M131 | X | .725 | .725 | 0 | %100 |
| 182 | M131 | Z | -1.256 | -1.256 | 0 | %100 |
| 183 | M132 | X | .725 | .725 | 0 | %100 |
| 184 | M132 | Z | -1.256 | -1.256 | 0 | %100 |
| 185 | M133 | X | .725 | .725 | 0 | %100 |
| 186 | M133 | Z | -1.256 | -1.256 | 0 | %100 |
| 187 | M134 | X | .725 | .725 | 0 | %100 |
| 188 | M134 | Z | -1.256 | -1.256 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 189 | M135 | X | .725 | .725 | 0 | %100 |
| 190 | M135 | Z | -1.256 | -1.256 | 0 | %100 |
| 191 | M136 | X | .725 | .725 | 0 | %100 |
| 192 | M136 | Z | -1.256 | -1.256 | 0 | %100 |
| 193 | M137 | X | .725 | .725 | 0 | %100 |
| 194 | M137 | Z | -1.256 | -1.256 | 0 | %100 |
| 195 | M138 | X | .725 | .725 | 0 | %100 |
| 196 | M138 | Z | -1.256 | -1.256 | 0 | %100 |
| 197 | M139 | X | .725 | .725 | 0 | %100 |
| 198 | M139 | Z | -1.256 | -1.256 | 0 | %100 |
| 199 | M140 | X | .725 | .725 | 0 | %100 |
| 200 | M140 | Z | -1.256 | -1.256 | 0 | %100 |
| 201 | M141 | X | .725 | .725 | 0 | %100 |
| 202 | M141 | Z | -1.256 | -1.256 | 0 | %100 |
| 203 | M142 | X | .725 | .725 | 0 | %100 |
| 204 | M142 | Z | -1.256 | -1.256 | 0 | %100 |
| 205 | M143 | X | 1.024 | 1.024 | 0 | %100 |
| 206 | M143 | Z | -1.773 | -1.773 | 0 | %100 |
| 207 | M144 | X | 1.024 | 1.024 | 0 | %100 |
| 208 | M144 | Z | -1.773 | -1.773 | 0 | %100 |
| 209 | M145 | X | 1.024 | 1.024 | 0 | %100 |
| 210 | M145 | Z | -1.773 | -1.773 | 0 | %100 |
| 211 | M146 | X | 1.127 | 1.127 | 0 | %100 |
| 212 | M146 | Z | -1.952 | -1.952 | 0 | %100 |
| 213 | M147 | X | 1.121 | 1.121 | 0 | %100 |
| 214 | M147 | Z | -1.942 | -1.942 | 0 | %100 |
| 215 | M148 | X | 1.024 | 1.024 | 0 | %100 |
| 216 | M148 | Z | -1.773 | -1.773 | 0 | %100 |
| 217 | M149 | X | 1.024 | 1.024 | 0 | %100 |
| 218 | M149 | Z | -1.773 | -1.773 | 0 | %100 |
| 219 | M150 | X | 1.024 | 1.024 | 0 | %100 |
| 220 | M150 | Z | -1.773 | -1.773 | 0 | %100 |
| 221 | M151 | X | 1.127 | 1.127 | 0 | %100 |
| 222 | M151 | Z | -1.952 | -1.952 | 0 | %100 |
| 223 | M152 | X | 1.121 | 1.121 | 0 | %100 |
| 224 | M152 | Z | -1.942 | -1.942 | 0 | %100 |
| 225 | M157 | X | 0 | 0 | 0 | %100 |
| 226 | M157 | Z | 0 | 0 | 0 | %100 |
| 227 | M158 | X | 0 | 0 | 0 | %100 |
| 228 | M158 | Z | 0 | 0 | 0 | %100 |
| 229 | MP1B | X | 1.415 | 1.415 | 0 | %100 |
| 230 | MP1B | Z | -2.451 | -2.451 | 0 | %100 |
| 231 | MP2B | X | 1.415 | 1.415 | 0 | %100 |
| 232 | MP2B | Z | -2.451 | -2.451 | 0 | %100 |
| 233 | MP3B | X | 1.415 | 1.415 | 0 | %100 |
| 234 | MP3B | Z | -2.451 | -2.451 | 0 | %100 |
| 235 | MP4B | X | 1.415 | 1.415 | 0 | %100 |
| 236 | MP4B | Z | -2.451 | -2.451 | 0 | %100 |
| 237 | MP5B | X | 1.415 | 1.415 | 0 | %100 |
| 238 | MP5B | Z | -2.451 | -2.451 | 0 | %100 |
| 239 | M174 | X | .51 | .51 | 0 | %100 |
| 240 | M174 | Z | -.884 | -.884 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | .677 | .677 | 0 | %100 |
| 2 | M1 | Z | -.391 | -.391 | 0 | %100 |
| 3 | M2 | X | .677 | .677 | 0 | %100 |
| 4 | M2 | Z | -.391 | -.391 | 0 | %100 |
| 5 | M3 | X | .677 | .677 | 0 | %100 |
| 6 | M3 | Z | -.391 | -.391 | 0 | %100 |
| 7 | M4 | X | .677 | .677 | 0 | %100 |
| 8 | M4 | Z | -.391 | -.391 | 0 | %100 |
| 9 | M5 | X | 1.839 | 1.839 | 0 | %100 |
| 10 | M5 | Z | -1.062 | -1.062 | 0 | %100 |
| 11 | M6 | X | 1.839 | 1.839 | 0 | %100 |
| 12 | M6 | Z | -1.062 | -1.062 | 0 | %100 |
| 13 | M7 | X | 1.839 | 1.839 | 0 | %100 |
| 14 | M7 | Z | -1.062 | -1.062 | 0 | %100 |
| 15 | M8 | X | 1.839 | 1.839 | 0 | %100 |
| 16 | M8 | Z | -1.062 | -1.062 | 0 | %100 |
| 17 | M13 | X | 2.451 | 2.451 | 0 | %100 |
| 18 | M13 | Z | -1.415 | -1.415 | 0 | %100 |
| 19 | M14 | X | 2.451 | 2.451 | 0 | %100 |
| 20 | M14 | Z | -1.415 | -1.415 | 0 | %100 |
| 21 | M16 | X | 1.961 | 1.961 | 0 | %100 |
| 22 | M16 | Z | -1.132 | -1.132 | 0 | %100 |
| 23 | M17 | X | 1.961 | 1.961 | 0 | %100 |
| 24 | M17 | Z | -1.132 | -1.132 | 0 | %100 |
| 25 | M18 | X | 1.961 | 1.961 | 0 | %100 |
| 26 | M18 | Z | -1.132 | -1.132 | 0 | %100 |
| 27 | M19 | X | 1.961 | 1.961 | 0 | %100 |
| 28 | M19 | Z | -1.132 | -1.132 | 0 | %100 |
| 29 | M20 | X | 1.961 | 1.961 | 0 | %100 |
| 30 | M20 | Z | -1.132 | -1.132 | 0 | %100 |
| 31 | M21 | X | 1.961 | 1.961 | 0 | %100 |
| 32 | M21 | Z | -1.132 | -1.132 | 0 | %100 |
| 33 | M24 | X | 1.961 | 1.961 | 0 | %100 |
| 34 | M24 | Z | -1.132 | -1.132 | 0 | %100 |
| 35 | M25 | X | 1.961 | 1.961 | 0 | %100 |
| 36 | M25 | Z | -1.132 | -1.132 | 0 | %100 |
| 37 | M26 | X | 1.961 | 1.961 | 0 | %100 |
| 38 | M26 | Z | -1.132 | -1.132 | 0 | %100 |
| 39 | M27 | X | 1.961 | 1.961 | 0 | %100 |
| 40 | M27 | Z | -1.132 | -1.132 | 0 | %100 |
| 41 | M28 | X | 1.961 | 1.961 | 0 | %100 |
| 42 | M28 | Z | -1.132 | -1.132 | 0 | %100 |
| 43 | M29 | X | 1.961 | 1.961 | 0 | %100 |
| 44 | M29 | Z | -1.132 | -1.132 | 0 | %100 |
| 45 | M32 | X | 1.773 | 1.773 | 0 | %100 |
| 46 | M32 | Z | -1.024 | -1.024 | 0 | %100 |
| 47 | M33 | X | 1.773 | 1.773 | 0 | %100 |
| 48 | M33 | Z | -1.024 | -1.024 | 0 | %100 |
| 49 | M34 | X | 1.773 | 1.773 | 0 | %100 |
| 50 | M34 | Z | -1.024 | -1.024 | 0 | %100 |
| 51 | M35 | X | 1.742 | 1.742 | 0 | %100 |
| 52 | M35 | Z | -1.006 | -1.006 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 53 | M36 | X | 1.746 | 1.746 | 0 | %100 |
| 54 | M36 | Z | -1.008 | -1.008 | 0 | %100 |
| 55 | M37 | X | 1.773 | 1.773 | 0 | %100 |
| 56 | M37 | Z | -1.024 | -1.024 | 0 | %100 |
| 57 | M38 | X | 1.773 | 1.773 | 0 | %100 |
| 58 | M38 | Z | -1.024 | -1.024 | 0 | %100 |
| 59 | M39 | X | 1.773 | 1.773 | 0 | %100 |
| 60 | M39 | Z | -1.024 | -1.024 | 0 | %100 |
| 61 | M40 | X | 1.742 | 1.742 | 0 | %100 |
| 62 | M40 | Z | -1.006 | -1.006 | 0 | %100 |
| 63 | M41 | X | 1.746 | 1.746 | 0 | %100 |
| 64 | M41 | Z | -1.008 | -1.008 | 0 | %100 |
| 65 | M41A | X | .678 | .678 | 0 | %100 |
| 66 | M41A | Z | -.391 | -.391 | 0 | %100 |
| 67 | FACE | X | .678 | .678 | 0 | %100 |
| 68 | FACE | Z | -.391 | -.391 | 0 | %100 |
| 69 | MP1A | X | 2.451 | 2.451 | 0 | %100 |
| 70 | MP1A | Z | -1.415 | -1.415 | 0 | %100 |
| 71 | MP2A | X | 2.451 | 2.451 | 0 | %100 |
| 72 | MP2A | Z | -1.415 | -1.415 | 0 | %100 |
| 73 | MP3A | X | 2.451 | 2.451 | 0 | %100 |
| 74 | MP3A | Z | -1.415 | -1.415 | 0 | %100 |
| 75 | MP4A | X | 2.451 | 2.451 | 0 | %100 |
| 76 | MP4A | Z | -1.415 | -1.415 | 0 | %100 |
| 77 | MP5A | X | 2.451 | 2.451 | 0 | %100 |
| 78 | MP5A | Z | -1.415 | -1.415 | 0 | %100 |
| 79 | M58 | X | .019 | .019 | 0 | %100 |
| 80 | M58 | Z | -.011 | -.011 | 0 | %100 |
| 81 | M59 | X | 0 | 0 | 0 | %100 |
| 82 | M59 | Z | 0 | 0 | 0 | %100 |
| 83 | M60 | X | 0 | 0 | 0 | %100 |
| 84 | M60 | Z | 0 | 0 | 0 | %100 |
| 85 | M61 | X | 0 | 0 | 0 | %100 |
| 86 | M61 | Z | 0 | 0 | 0 | %100 |
| 87 | M62 | X | 0 | 0 | 0 | %100 |
| 88 | M62 | Z | 0 | 0 | 0 | %100 |
| 89 | M63 | X | 0 | 0 | 0 | %100 |
| 90 | M63 | Z | 0 | 0 | 0 | %100 |
| 91 | M64 | X | 0 | 0 | 0 | %100 |
| 92 | M64 | Z | 0 | 0 | 0 | %100 |
| 93 | M65 | X | 0 | 0 | 0 | %100 |
| 94 | M65 | Z | 0 | 0 | 0 | %100 |
| 95 | M66 | X | 0 | 0 | 0 | %100 |
| 96 | M66 | Z | 0 | 0 | 0 | %100 |
| 97 | M71 | X | 2.451 | 2.451 | 0 | %100 |
| 98 | M71 | Z | -1.415 | -1.415 | 0 | %100 |
| 99 | M72 | X | 2.451 | 2.451 | 0 | %100 |
| 100 | M72 | Z | -1.415 | -1.415 | 0 | %100 |
| 101 | M73 | X | 1.961 | 1.961 | 0 | %100 |
| 102 | M73 | Z | -1.132 | -1.132 | 0 | %100 |
| 103 | M74 | X | 1.961 | 1.961 | 0 | %100 |
| 104 | M74 | Z | -1.132 | -1.132 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 105 | M75 | X | 1.961 | 1.961 | 0 | %100 |
| 106 | M75 | Z | -1.132 | -1.132 | 0 | %100 |
| 107 | M76 | X | 1.961 | 1.961 | 0 | %100 |
| 108 | M76 | Z | -1.132 | -1.132 | 0 | %100 |
| 109 | M77 | X | 1.961 | 1.961 | 0 | %100 |
| 110 | M77 | Z | -1.132 | -1.132 | 0 | %100 |
| 111 | M78 | X | 1.961 | 1.961 | 0 | %100 |
| 112 | M78 | Z | -1.132 | -1.132 | 0 | %100 |
| 113 | M79 | X | 1.961 | 1.961 | 0 | %100 |
| 114 | M79 | Z | -1.132 | -1.132 | 0 | %100 |
| 115 | M80 | X | 1.961 | 1.961 | 0 | %100 |
| 116 | M80 | Z | -1.132 | -1.132 | 0 | %100 |
| 117 | M81 | X | 1.961 | 1.961 | 0 | %100 |
| 118 | M81 | Z | -1.132 | -1.132 | 0 | %100 |
| 119 | M82 | X | 1.961 | 1.961 | 0 | %100 |
| 120 | M82 | Z | -1.132 | -1.132 | 0 | %100 |
| 121 | M83 | X | 1.961 | 1.961 | 0 | %100 |
| 122 | M83 | Z | -1.132 | -1.132 | 0 | %100 |
| 123 | M84 | X | 1.961 | 1.961 | 0 | %100 |
| 124 | M84 | Z | -1.132 | -1.132 | 0 | %100 |
| 125 | M85 | X | 1.773 | 1.773 | 0 | %100 |
| 126 | M85 | Z | -1.024 | -1.024 | 0 | %100 |
| 127 | M86 | X | 1.773 | 1.773 | 0 | %100 |
| 128 | M86 | Z | -1.024 | -1.024 | 0 | %100 |
| 129 | M87 | X | 1.773 | 1.773 | 0 | %100 |
| 130 | M87 | Z | -1.024 | -1.024 | 0 | %100 |
| 131 | M88 | X | 1.114 | 1.114 | 0 | %100 |
| 132 | M88 | Z | -.643 | -.643 | 0 | %100 |
| 133 | M89 | X | 1.157 | 1.157 | 0 | %100 |
| 134 | M89 | Z | -.668 | -.668 | 0 | %100 |
| 135 | M90 | X | 1.773 | 1.773 | 0 | %100 |
| 136 | M90 | Z | -1.024 | -1.024 | 0 | %100 |
| 137 | M91 | X | 1.773 | 1.773 | 0 | %100 |
| 138 | M91 | Z | -1.024 | -1.024 | 0 | %100 |
| 139 | M92 | X | 1.773 | 1.773 | 0 | %100 |
| 140 | M92 | Z | -1.024 | -1.024 | 0 | %100 |
| 141 | M93 | X | 1.114 | 1.114 | 0 | %100 |
| 142 | M93 | Z | -.643 | -.643 | 0 | %100 |
| 143 | M94 | X | 1.157 | 1.157 | 0 | %100 |
| 144 | M94 | Z | -.668 | -.668 | 0 | %100 |
| 145 | M99 | X | 2.712 | 2.712 | 0 | %100 |
| 146 | M99 | Z | -1.566 | -1.566 | 0 | %100 |
| 147 | M100 | X | 2.712 | 2.712 | 0 | %100 |
| 148 | M100 | Z | -1.566 | -1.566 | 0 | %100 |
| 149 | MP1C | X | 2.451 | 2.451 | 0 | %100 |
| 150 | MP1C | Z | -1.415 | -1.415 | 0 | %100 |
| 151 | MP2C | X | 2.451 | 2.451 | 0 | %100 |
| 152 | MP2C | Z | -1.415 | -1.415 | 0 | %100 |
| 153 | MP3C | X | 2.451 | 2.451 | 0 | %100 |
| 154 | MP3C | Z | -1.415 | -1.415 | 0 | %100 |
| 155 | MP4C | X | 2.451 | 2.451 | 0 | %100 |
| 156 | MP4C | Z | -1.415 | -1.415 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 157 | MP5C | X | 2.451 | 2.451 | 0 | %100 |
| 158 | MP5C | Z | -1.415 | -1.415 | 0 | %100 |
| 159 | M116 | X | 2.028 | 2.028 | 0 | %100 |
| 160 | M116 | Z | -1.171 | -1.171 | 0 | %100 |
| 161 | M117 | X | .677 | .677 | 0 | %100 |
| 162 | M117 | Z | -.391 | -.391 | 0 | %100 |
| 163 | M118 | X | .677 | .677 | 0 | %100 |
| 164 | M118 | Z | -.391 | -.391 | 0 | %100 |
| 165 | M119 | X | .677 | .677 | 0 | %100 |
| 166 | M119 | Z | -.391 | -.391 | 0 | %100 |
| 167 | M120 | X | .677 | .677 | 0 | %100 |
| 168 | M120 | Z | -.391 | -.391 | 0 | %100 |
| 169 | M121 | X | 1.839 | 1.839 | 0 | %100 |
| 170 | M121 | Z | -1.062 | -1.062 | 0 | %100 |
| 171 | M122 | X | 1.839 | 1.839 | 0 | %100 |
| 172 | M122 | Z | -1.062 | -1.062 | 0 | %100 |
| 173 | M123 | X | 1.839 | 1.839 | 0 | %100 |
| 174 | M123 | Z | -1.062 | -1.062 | 0 | %100 |
| 175 | M124 | X | 1.839 | 1.839 | 0 | %100 |
| 176 | M124 | Z | -1.062 | -1.062 | 0 | %100 |
| 177 | M129 | X | 2.451 | 2.451 | 0 | %100 |
| 178 | M129 | Z | -1.415 | -1.415 | 0 | %100 |
| 179 | M130 | X | 2.451 | 2.451 | 0 | %100 |
| 180 | M130 | Z | -1.415 | -1.415 | 0 | %100 |
| 181 | M131 | X | 1.961 | 1.961 | 0 | %100 |
| 182 | M131 | Z | -1.132 | -1.132 | 0 | %100 |
| 183 | M132 | X | 1.961 | 1.961 | 0 | %100 |
| 184 | M132 | Z | -1.132 | -1.132 | 0 | %100 |
| 185 | M133 | X | 1.961 | 1.961 | 0 | %100 |
| 186 | M133 | Z | -1.132 | -1.132 | 0 | %100 |
| 187 | M134 | X | 1.961 | 1.961 | 0 | %100 |
| 188 | M134 | Z | -1.132 | -1.132 | 0 | %100 |
| 189 | M135 | X | 1.961 | 1.961 | 0 | %100 |
| 190 | M135 | Z | -1.132 | -1.132 | 0 | %100 |
| 191 | M136 | X | 1.961 | 1.961 | 0 | %100 |
| 192 | M136 | Z | -1.132 | -1.132 | 0 | %100 |
| 193 | M137 | X | 1.961 | 1.961 | 0 | %100 |
| 194 | M137 | Z | -1.132 | -1.132 | 0 | %100 |
| 195 | M138 | X | 1.961 | 1.961 | 0 | %100 |
| 196 | M138 | Z | -1.132 | -1.132 | 0 | %100 |
| 197 | M139 | X | 1.961 | 1.961 | 0 | %100 |
| 198 | M139 | Z | -1.132 | -1.132 | 0 | %100 |
| 199 | M140 | X | 1.961 | 1.961 | 0 | %100 |
| 200 | M140 | Z | -1.132 | -1.132 | 0 | %100 |
| 201 | M141 | X | 1.961 | 1.961 | 0 | %100 |
| 202 | M141 | Z | -1.132 | -1.132 | 0 | %100 |
| 203 | M142 | X | 1.961 | 1.961 | 0 | %100 |
| 204 | M142 | Z | -1.132 | -1.132 | 0 | %100 |
| 205 | M143 | X | 1.773 | 1.773 | 0 | %100 |
| 206 | M143 | Z | -1.024 | -1.024 | 0 | %100 |
| 207 | M144 | X | 1.773 | 1.773 | 0 | %100 |
| 208 | M144 | Z | -1.024 | -1.024 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 209 | M145 | X | 1.773 | 1.773 | 0 | %100 |
| 210 | M145 | Z | -1.024 | -1.024 | 0 | %100 |
| 211 | M146 | X | 1.742 | 1.742 | 0 | %100 |
| 212 | M146 | Z | -1.006 | -1.006 | 0 | %100 |
| 213 | M147 | X | 1.746 | 1.746 | 0 | %100 |
| 214 | M147 | Z | -1.008 | -1.008 | 0 | %100 |
| 215 | M148 | X | 1.773 | 1.773 | 0 | %100 |
| 216 | M148 | Z | -1.024 | -1.024 | 0 | %100 |
| 217 | M149 | X | 1.773 | 1.773 | 0 | %100 |
| 218 | M149 | Z | -1.024 | -1.024 | 0 | %100 |
| 219 | M150 | X | 1.773 | 1.773 | 0 | %100 |
| 220 | M150 | Z | -1.024 | -1.024 | 0 | %100 |
| 221 | M151 | X | 1.742 | 1.742 | 0 | %100 |
| 222 | M151 | Z | -1.006 | -1.006 | 0 | %100 |
| 223 | M152 | X | 1.746 | 1.746 | 0 | %100 |
| 224 | M152 | Z | -1.008 | -1.008 | 0 | %100 |
| 225 | M157 | X | .678 | .678 | 0 | %100 |
| 226 | M157 | Z | -.391 | -.391 | 0 | %100 |
| 227 | M158 | X | .678 | .678 | 0 | %100 |
| 228 | M158 | Z | -.391 | -.391 | 0 | %100 |
| 229 | MP1B | X | 2.451 | 2.451 | 0 | %100 |
| 230 | MP1B | Z | -1.415 | -1.415 | 0 | %100 |
| 231 | MP2B | X | 2.451 | 2.451 | 0 | %100 |
| 232 | MP2B | Z | -1.415 | -1.415 | 0 | %100 |
| 233 | MP3B | X | 2.451 | 2.451 | 0 | %100 |
| 234 | MP3B | Z | -1.415 | -1.415 | 0 | %100 |
| 235 | MP4B | X | 2.451 | 2.451 | 0 | %100 |
| 236 | MP4B | Z | -1.415 | -1.415 | 0 | %100 |
| 237 | MP5B | X | 2.451 | 2.451 | 0 | %100 |
| 238 | MP5B | Z | -1.415 | -1.415 | 0 | %100 |
| 239 | M174 | X | 2.221 | 2.221 | 0 | %100 |
| 240 | M174 | Z | -1.282 | -1.282 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | 1.043 | 1.043 | 0 | %100 |
| 2 | M1 | Z | 0 | 0 | 0 | %100 |
| 3 | M2 | X | 1.043 | 1.043 | 0 | %100 |
| 4 | M2 | Z | 0 | 0 | 0 | %100 |
| 5 | M3 | X | 1.043 | 1.043 | 0 | %100 |
| 6 | M3 | Z | 0 | 0 | 0 | %100 |
| 7 | M4 | X | 1.043 | 1.043 | 0 | %100 |
| 8 | M4 | Z | 0 | 0 | 0 | %100 |
| 9 | M5 | X | 2.831 | 2.831 | 0 | %100 |
| 10 | M5 | Z | 0 | 0 | 0 | %100 |
| 11 | M6 | X | 2.831 | 2.831 | 0 | %100 |
| 12 | M6 | Z | 0 | 0 | 0 | %100 |
| 13 | M7 | X | 2.831 | 2.831 | 0 | %100 |
| 14 | M7 | Z | 0 | 0 | 0 | %100 |
| 15 | M8 | X | 2.831 | 2.831 | 0 | %100 |
| 16 | M8 | 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[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 17 | M13 | X | 2.831 | 2.831 | 0 | %100 |
| 18 | M13 | Z | 0 | 0 | 0 | %100 |
| 19 | M14 | X | 2.831 | 2.831 | 0 | %100 |
| 20 | M14 | Z | 0 | 0 | 0 | %100 |
| 21 | M16 | X | 2.671 | 2.671 | 0 | %100 |
| 22 | M16 | Z | 0 | 0 | 0 | %100 |
| 23 | M17 | X | 2.671 | 2.671 | 0 | %100 |
| 24 | M17 | Z | 0 | 0 | 0 | %100 |
| 25 | M18 | X | 2.671 | 2.671 | 0 | %100 |
| 26 | M18 | Z | 0 | 0 | 0 | %100 |
| 27 | M19 | X | 2.671 | 2.671 | 0 | %100 |
| 28 | M19 | Z | 0 | 0 | 0 | %100 |
| 29 | M20 | X | 2.671 | 2.671 | 0 | %100 |
| 30 | M20 | Z | 0 | 0 | 0 | %100 |
| 31 | M21 | X | 2.671 | 2.671 | 0 | %100 |
| 32 | M21 | Z | 0 | 0 | 0 | %100 |
| 33 | M24 | X | 2.671 | 2.671 | 0 | %100 |
| 34 | M24 | Z | 0 | 0 | 0 | %100 |
| 35 | M25 | X | 2.671 | 2.671 | 0 | %100 |
| 36 | M25 | Z | 0 | 0 | 0 | %100 |
| 37 | M26 | X | 2.671 | 2.671 | 0 | %100 |
| 38 | M26 | Z | 0 | 0 | 0 | %100 |
| 39 | M27 | X | 2.671 | 2.671 | 0 | %100 |
| 40 | M27 | Z | 0 | 0 | 0 | %100 |
| 41 | M28 | X | 2.671 | 2.671 | 0 | %100 |
| 42 | M28 | Z | 0 | 0 | 0 | %100 |
| 43 | M29 | X | 2.671 | 2.671 | 0 | %100 |
| 44 | M29 | Z | 0 | 0 | 0 | %100 |
| 45 | M32 | X | 2.047 | 2.047 | 0 | %100 |
| 46 | M32 | Z | 0 | 0 | 0 | %100 |
| 47 | M33 | X | 2.047 | 2.047 | 0 | %100 |
| 48 | M33 | Z | 0 | 0 | 0 | %100 |
| 49 | M34 | X | 2.047 | 2.047 | 0 | %100 |
| 50 | M34 | Z | 0 | 0 | 0 | %100 |
| 51 | M35 | X | 2.254 | 2.254 | 0 | %100 |
| 52 | M35 | Z | 0 | 0 | 0 | %100 |
| 53 | M36 | X | 2.243 | 2.243 | 0 | %100 |
| 54 | M36 | Z | 0 | 0 | 0 | %100 |
| 55 | M37 | X | 2.047 | 2.047 | 0 | %100 |
| 56 | M37 | Z | 0 | 0 | 0 | %100 |
| 57 | M38 | X | 2.047 | 2.047 | 0 | %100 |
| 58 | M38 | Z | 0 | 0 | 0 | %100 |
| 59 | M39 | X | 2.047 | 2.047 | 0 | %100 |
| 60 | M39 | Z | 0 | 0 | 0 | %100 |
| 61 | M40 | X | 2.254 | 2.254 | 0 | %100 |
| 62 | M40 | Z | 0 | 0 | 0 | %100 |
| 63 | M41 | X | 2.243 | 2.243 | 0 | %100 |
| 64 | M41 | Z | 0 | 0 | 0 | %100 |
| 65 | M41A | X | 0 | 0 | 0 | %100 |
| 66 | M41A | Z | 0 | 0 | 0 | %100 |
| 67 | FACE | X | 0 | 0 | 0 | %100 |
| 68 | FACE | 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[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 69 | MP1A | X | 2.831 | 2.831 | 0 | %100 |
| 70 | MP1A | Z | 0 | 0 | 0 | %100 |
| 71 | MP2A | X | 2.831 | 2.831 | 0 | %100 |
| 72 | MP2A | Z | 0 | 0 | 0 | %100 |
| 73 | MP3A | X | 2.831 | 2.831 | 0 | %100 |
| 74 | MP3A | Z | 0 | 0 | 0 | %100 |
| 75 | MP4A | X | 2.831 | 2.831 | 0 | %100 |
| 76 | MP4A | Z | 0 | 0 | 0 | %100 |
| 77 | MP5A | X | 2.831 | 2.831 | 0 | %100 |
| 78 | MP5A | Z | 0 | 0 | 0 | %100 |
| 79 | M58 | X | 1.021 | 1.021 | 0 | %100 |
| 80 | M58 | Z | 0 | 0 | 0 | %100 |
| 81 | M59 | X | .261 | .261 | 0 | %100 |
| 82 | M59 | Z | 0 | 0 | 0 | %100 |
| 83 | M60 | X | .261 | .261 | 0 | %100 |
| 84 | M60 | Z | 0 | 0 | 0 | %100 |
| 85 | M61 | X | .261 | .261 | 0 | %100 |
| 86 | M61 | Z | 0 | 0 | 0 | %100 |
| 87 | M62 | X | .261 | .261 | 0 | %100 |
| 88 | M62 | Z | 0 | 0 | 0 | %100 |
| 89 | M63 | X | .708 | .708 | 0 | %100 |
| 90 | M63 | Z | 0 | 0 | 0 | %100 |
| 91 | M64 | X | .708 | .708 | 0 | %100 |
| 92 | M64 | Z | 0 | 0 | 0 | %100 |
| 93 | M65 | X | .708 | .708 | 0 | %100 |
| 94 | M65 | Z | 0 | 0 | 0 | %100 |
| 95 | M66 | X | .708 | .708 | 0 | %100 |
| 96 | M66 | Z | 0 | 0 | 0 | %100 |
| 97 | M71 | X | 2.831 | 2.831 | 0 | %100 |
| 98 | M71 | Z | 0 | 0 | 0 | %100 |
| 99 | M72 | X | 2.831 | 2.831 | 0 | %100 |
| 100 | M72 | Z | 0 | 0 | 0 | %100 |
| 101 | M73 | X | 2.671 | 2.671 | 0 | %100 |
| 102 | M73 | Z | 0 | 0 | 0 | %100 |
| 103 | M74 | X | 2.671 | 2.671 | 0 | %100 |
| 104 | M74 | Z | 0 | 0 | 0 | %100 |
| 105 | M75 | X | 2.671 | 2.671 | 0 | %100 |
| 106 | M75 | Z | 0 | 0 | 0 | %100 |
| 107 | M76 | X | 2.671 | 2.671 | 0 | %100 |
| 108 | M76 | Z | 0 | 0 | 0 | %100 |
| 109 | M77 | X | 2.671 | 2.671 | 0 | %100 |
| 110 | M77 | Z | 0 | 0 | 0 | %100 |
| 111 | M78 | X | 2.671 | 2.671 | 0 | %100 |
| 112 | M78 | Z | 0 | 0 | 0 | %100 |
| 113 | M79 | X | 2.671 | 2.671 | 0 | %100 |
| 114 | M79 | Z | 0 | 0 | 0 | %100 |
| 115 | M80 | X | 2.671 | 2.671 | 0 | %100 |
| 116 | M80 | Z | 0 | 0 | 0 | %100 |
| 117 | M81 | X | 2.671 | 2.671 | 0 | %100 |
| 118 | M81 | Z | 0 | 0 | 0 | %100 |
| 119 | M82 | X | 2.671 | 2.671 | 0 | %100 |
| 120 | M82 | 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[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 121 | M83 | X | 2.671 | 2.671 | 0 | %100 |
| 122 | M83 | Z | 0 | 0 | 0 | %100 |
| 123 | M84 | X | 2.671 | 2.671 | 0 | %100 |
| 124 | M84 | Z | 0 | 0 | 0 | %100 |
| 125 | M85 | X | 2.047 | 2.047 | 0 | %100 |
| 126 | M85 | Z | 0 | 0 | 0 | %100 |
| 127 | M86 | X | 2.047 | 2.047 | 0 | %100 |
| 128 | M86 | Z | 0 | 0 | 0 | %100 |
| 129 | M87 | X | 2.047 | 2.047 | 0 | %100 |
| 130 | M87 | Z | 0 | 0 | 0 | %100 |
| 131 | M88 | X | 1.528 | 1.528 | 0 | %100 |
| 132 | M88 | Z | 0 | 0 | 0 | %100 |
| 133 | M89 | X | 1.563 | 1.563 | 0 | %100 |
| 134 | M89 | Z | 0 | 0 | 0 | %100 |
| 135 | M90 | X | 2.047 | 2.047 | 0 | %100 |
| 136 | M90 | Z | 0 | 0 | 0 | %100 |
| 137 | M91 | X | 2.047 | 2.047 | 0 | %100 |
| 138 | M91 | Z | 0 | 0 | 0 | %100 |
| 139 | M92 | X | 2.047 | 2.047 | 0 | %100 |
| 140 | M92 | Z | 0 | 0 | 0 | %100 |
| 141 | M93 | X | 1.528 | 1.528 | 0 | %100 |
| 142 | M93 | Z | 0 | 0 | 0 | %100 |
| 143 | M94 | X | 1.563 | 1.563 | 0 | %100 |
| 144 | M94 | Z | 0 | 0 | 0 | %100 |
| 145 | M99 | X | 2.349 | 2.349 | 0 | %100 |
| 146 | M99 | Z | 0 | 0 | 0 | %100 |
| 147 | M100 | X | 2.349 | 2.349 | 0 | %100 |
| 148 | M100 | Z | 0 | 0 | 0 | %100 |
| 149 | MP1C | X | 2.831 | 2.831 | 0 | %100 |
| 150 | MP1C | Z | 0 | 0 | 0 | %100 |
| 151 | MP2C | X | 2.831 | 2.831 | 0 | %100 |
| 152 | MP2C | Z | 0 | 0 | 0 | %100 |
| 153 | MP3C | X | 2.831 | 2.831 | 0 | %100 |
| 154 | MP3C | Z | 0 | 0 | 0 | %100 |
| 155 | MP4C | X | 2.831 | 2.831 | 0 | %100 |
| 156 | MP4C | Z | 0 | 0 | 0 | %100 |
| 157 | MP5C | X | 2.831 | 2.831 | 0 | %100 |
| 158 | MP5C | Z | 0 | 0 | 0 | %100 |
| 159 | M116 | X | .776 | .776 | 0 | %100 |
| 160 | M116 | Z | 0 | 0 | 0 | %100 |
| 161 | M117 | X | .261 | .261 | 0 | %100 |
| 162 | M117 | Z | 0 | 0 | 0 | %100 |
| 163 | M118 | X | .261 | .261 | 0 | %100 |
| 164 | M118 | Z | 0 | 0 | 0 | %100 |
| 165 | M119 | X | .261 | .261 | 0 | %100 |
| 166 | M119 | Z | 0 | 0 | 0 | %100 |
| 167 | M120 | X | .261 | .261 | 0 | %100 |
| 168 | M120 | Z | 0 | 0 | 0 | %100 |
| 169 | M121 | X | .708 | .708 | 0 | %100 |
| 170 | M121 | Z | 0 | 0 | 0 | %100 |
| 171 | M122 | X | .708 | .708 | 0 | %100 |
| 172 | M122 | 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[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 173 | M123 | X | .708 | .708 | 0 | %100 |
| 174 | M123 | Z | 0 | 0 | 0 | %100 |
| 175 | M124 | X | .708 | .708 | 0 | %100 |
| 176 | M124 | Z | 0 | 0 | 0 | %100 |
| 177 | M129 | X | 2.831 | 2.831 | 0 | %100 |
| 178 | M129 | Z | 0 | 0 | 0 | %100 |
| 179 | M130 | X | 2.831 | 2.831 | 0 | %100 |
| 180 | M130 | Z | 0 | 0 | 0 | %100 |
| 181 | M131 | X | 2.671 | 2.671 | 0 | %100 |
| 182 | M131 | Z | 0 | 0 | 0 | %100 |
| 183 | M132 | X | 2.671 | 2.671 | 0 | %100 |
| 184 | M132 | Z | 0 | 0 | 0 | %100 |
| 185 | M133 | X | 2.671 | 2.671 | 0 | %100 |
| 186 | M133 | Z | 0 | 0 | 0 | %100 |
| 187 | M134 | X | 2.671 | 2.671 | 0 | %100 |
| 188 | M134 | Z | 0 | 0 | 0 | %100 |
| 189 | M135 | X | 2.671 | 2.671 | 0 | %100 |
| 190 | M135 | Z | 0 | 0 | 0 | %100 |
| 191 | M136 | X | 2.671 | 2.671 | 0 | %100 |
| 192 | M136 | Z | 0 | 0 | 0 | %100 |
| 193 | M137 | X | 2.671 | 2.671 | 0 | %100 |
| 194 | M137 | Z | 0 | 0 | 0 | %100 |
| 195 | M138 | X | 2.671 | 2.671 | 0 | %100 |
| 196 | M138 | Z | 0 | 0 | 0 | %100 |
| 197 | M139 | X | 2.671 | 2.671 | 0 | %100 |
| 198 | M139 | Z | 0 | 0 | 0 | %100 |
| 199 | M140 | X | 2.671 | 2.671 | 0 | %100 |
| 200 | M140 | Z | 0 | 0 | 0 | %100 |
| 201 | M141 | X | 2.671 | 2.671 | 0 | %100 |
| 202 | M141 | Z | 0 | 0 | 0 | %100 |
| 203 | M142 | X | 2.671 | 2.671 | 0 | %100 |
| 204 | M142 | Z | 0 | 0 | 0 | %100 |
| 205 | M143 | X | 2.047 | 2.047 | 0 | %100 |
| 206 | M143 | Z | 0 | 0 | 0 | %100 |
| 207 | M144 | X | 2.047 | 2.047 | 0 | %100 |
| 208 | M144 | Z | 0 | 0 | 0 | %100 |
| 209 | M145 | X | 2.047 | 2.047 | 0 | %100 |
| 210 | M145 | Z | 0 | 0 | 0 | %100 |
| 211 | M146 | X | 1.528 | 1.528 | 0 | %100 |
| 212 | M146 | Z | 0 | 0 | 0 | %100 |
| 213 | M147 | X | 1.563 | 1.563 | 0 | %100 |
| 214 | M147 | Z | 0 | 0 | 0 | %100 |
| 215 | M148 | X | 2.047 | 2.047 | 0 | %100 |
| 216 | M148 | Z | 0 | 0 | 0 | %100 |
| 217 | M149 | X | 2.047 | 2.047 | 0 | %100 |
| 218 | M149 | Z | 0 | 0 | 0 | %100 |
| 219 | M150 | X | 2.047 | 2.047 | 0 | %100 |
| 220 | M150 | Z | 0 | 0 | 0 | %100 |
| 221 | M151 | X | 1.528 | 1.528 | 0 | %100 |
| 222 | M151 | Z | 0 | 0 | 0 | %100 |
| 223 | M152 | X | 1.563 | 1.563 | 0 | %100 |
| 224 | M152 | 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[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 225 | M157 | X | 2.349 | 2.349 | 0 | %100 |
| 226 | M157 | Z | 0 | 0 | 0 | %100 |
| 227 | M158 | X | 2.349 | 2.349 | 0 | %100 |
| 228 | M158 | Z | 0 | 0 | 0 | %100 |
| 229 | MP1B | X | 2.831 | 2.831 | 0 | %100 |
| 230 | MP1B | Z | 0 | 0 | 0 | %100 |
| 231 | MP2B | X | 2.831 | 2.831 | 0 | %100 |
| 232 | MP2B | Z | 0 | 0 | 0 | %100 |
| 233 | MP3B | X | 2.831 | 2.831 | 0 | %100 |
| 234 | MP3B | Z | 0 | 0 | 0 | %100 |
| 235 | MP4B | X | 2.831 | 2.831 | 0 | %100 |
| 236 | MP4B | Z | 0 | 0 | 0 | %100 |
| 237 | MP5B | X | 2.831 | 2.831 | 0 | %100 |
| 238 | MP5B | Z | 0 | 0 | 0 | %100 |
| 239 | M174 | X | 3.11 | 3.11 | 0 | %100 |
| 240 | M174 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | .677 | .677 | 0 | %100 |
| 2 | M1 | Z | .391 | .391 | 0 | %100 |
| 3 | M2 | X | .677 | .677 | 0 | %100 |
| 4 | M2 | Z | .391 | .391 | 0 | %100 |
| 5 | M3 | X | .677 | .677 | 0 | %100 |
| 6 | M3 | Z | .391 | .391 | 0 | %100 |
| 7 | M4 | X | .677 | .677 | 0 | %100 |
| 8 | M4 | Z | .391 | .391 | 0 | %100 |
| 9 | M5 | X | 1.839 | 1.839 | 0 | %100 |
| 10 | M5 | Z | 1.062 | 1.062 | 0 | %100 |
| 11 | M6 | X | 1.839 | 1.839 | 0 | %100 |
| 12 | M6 | Z | 1.062 | 1.062 | 0 | %100 |
| 13 | M7 | X | 1.839 | 1.839 | 0 | %100 |
| 14 | M7 | Z | 1.062 | 1.062 | 0 | %100 |
| 15 | M8 | X | 1.839 | 1.839 | 0 | %100 |
| 16 | M8 | Z | 1.062 | 1.062 | 0 | %100 |
| 17 | M13 | X | 2.451 | 2.451 | 0 | %100 |
| 18 | M13 | Z | 1.415 | 1.415 | 0 | %100 |
| 19 | M14 | X | 2.451 | 2.451 | 0 | %100 |
| 20 | M14 | Z | 1.415 | 1.415 | 0 | %100 |
| 21 | M16 | X | 1.961 | 1.961 | 0 | %100 |
| 22 | M16 | Z | 1.132 | 1.132 | 0 | %100 |
| 23 | M17 | X | 1.961 | 1.961 | 0 | %100 |
| 24 | M17 | Z | 1.132 | 1.132 | 0 | %100 |
| 25 | M18 | X | 1.961 | 1.961 | 0 | %100 |
| 26 | M18 | Z | 1.132 | 1.132 | 0 | %100 |
| 27 | M19 | X | 1.961 | 1.961 | 0 | %100 |
| 28 | M19 | Z | 1.132 | 1.132 | 0 | %100 |
| 29 | M20 | X | 1.961 | 1.961 | 0 | %100 |
| 30 | M20 | Z | 1.132 | 1.132 | 0 | %100 |
| 31 | M21 | X | 1.961 | 1.961 | 0 | %100 |
| 32 | M21 | Z | 1.132 | 1.132 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 33 | M24 | X | 1.961 | 1.961 | 0 | %100 |
| 34 | M24 | Z | 1.132 | 1.132 | 0 | %100 |
| 35 | M25 | X | 1.961 | 1.961 | 0 | %100 |
| 36 | M25 | Z | 1.132 | 1.132 | 0 | %100 |
| 37 | M26 | X | 1.961 | 1.961 | 0 | %100 |
| 38 | M26 | Z | 1.132 | 1.132 | 0 | %100 |
| 39 | M27 | X | 1.961 | 1.961 | 0 | %100 |
| 40 | M27 | Z | 1.132 | 1.132 | 0 | %100 |
| 41 | M28 | X | 1.961 | 1.961 | 0 | %100 |
| 42 | M28 | Z | 1.132 | 1.132 | 0 | %100 |
| 43 | M29 | X | 1.961 | 1.961 | 0 | %100 |
| 44 | M29 | Z | 1.132 | 1.132 | 0 | %100 |
| 45 | M32 | X | 1.773 | 1.773 | 0 | %100 |
| 46 | M32 | Z | 1.024 | 1.024 | 0 | %100 |
| 47 | M33 | X | 1.773 | 1.773 | 0 | %100 |
| 48 | M33 | Z | 1.024 | 1.024 | 0 | %100 |
| 49 | M34 | X | 1.773 | 1.773 | 0 | %100 |
| 50 | M34 | Z | 1.024 | 1.024 | 0 | %100 |
| 51 | M35 | X | 1.742 | 1.742 | 0 | %100 |
| 52 | M35 | Z | 1.006 | 1.006 | 0 | %100 |
| 53 | M36 | X | 1.746 | 1.746 | 0 | %100 |
| 54 | M36 | Z | 1.008 | 1.008 | 0 | %100 |
| 55 | M37 | X | 1.773 | 1.773 | 0 | %100 |
| 56 | M37 | Z | 1.024 | 1.024 | 0 | %100 |
| 57 | M38 | X | 1.773 | 1.773 | 0 | %100 |
| 58 | M38 | Z | 1.024 | 1.024 | 0 | %100 |
| 59 | M39 | X | 1.773 | 1.773 | 0 | %100 |
| 60 | M39 | Z | 1.024 | 1.024 | 0 | %100 |
| 61 | M40 | X | 1.742 | 1.742 | 0 | %100 |
| 62 | M40 | Z | 1.006 | 1.006 | 0 | %100 |
| 63 | M41 | X | 1.746 | 1.746 | 0 | %100 |
| 64 | M41 | Z | 1.008 | 1.008 | 0 | %100 |
| 65 | M41A | X | .678 | .678 | 0 | %100 |
| 66 | M41A | Z | .391 | .391 | 0 | %100 |
| 67 | FACE | X | .678 | .678 | 0 | %100 |
| 68 | FACE | Z | .391 | .391 | 0 | %100 |
| 69 | MP1A | X | 2.451 | 2.451 | 0 | %100 |
| 70 | MP1A | Z | 1.415 | 1.415 | 0 | %100 |
| 71 | MP2A | X | 2.451 | 2.451 | 0 | %100 |
| 72 | MP2A | Z | 1.415 | 1.415 | 0 | %100 |
| 73 | MP3A | X | 2.451 | 2.451 | 0 | %100 |
| 74 | MP3A | Z | 1.415 | 1.415 | 0 | %100 |
| 75 | MP4A | X | 2.451 | 2.451 | 0 | %100 |
| 76 | MP4A | Z | 1.415 | 1.415 | 0 | %100 |
| 77 | MP5A | X | 2.451 | 2.451 | 0 | %100 |
| 78 | MP5A | Z | 1.415 | 1.415 | 0 | %100 |
| 79 | M58 | X | 2.221 | 2.221 | 0 | %100 |
| 80 | M58 | Z | 1.282 | 1.282 | 0 | %100 |
| 81 | M59 | X | .677 | .677 | 0 | %100 |
| 82 | M59 | Z | .391 | .391 | 0 | %100 |
| 83 | M60 | X | .677 | .677 | 0 | %100 |
| 84 | M60 | Z | .391 | .391 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 85 | M61 | X | .677 | .677 | 0 | %100 |
| 86 | M61 | Z | .391 | .391 | 0 | %100 |
| 87 | M62 | X | .677 | .677 | 0 | %100 |
| 88 | M62 | Z | .391 | .391 | 0 | %100 |
| 89 | M63 | X | 1.839 | 1.839 | 0 | %100 |
| 90 | M63 | Z | 1.062 | 1.062 | 0 | %100 |
| 91 | M64 | X | 1.839 | 1.839 | 0 | %100 |
| 92 | M64 | Z | 1.062 | 1.062 | 0 | %100 |
| 93 | M65 | X | 1.839 | 1.839 | 0 | %100 |
| 94 | M65 | Z | 1.062 | 1.062 | 0 | %100 |
| 95 | M66 | X | 1.839 | 1.839 | 0 | %100 |
| 96 | M66 | Z | 1.062 | 1.062 | 0 | %100 |
| 97 | M71 | X | 2.451 | 2.451 | 0 | %100 |
| 98 | M71 | Z | 1.415 | 1.415 | 0 | %100 |
| 99 | M72 | X | 2.451 | 2.451 | 0 | %100 |
| 100 | M72 | Z | 1.415 | 1.415 | 0 | %100 |
| 101 | M73 | X | 1.961 | 1.961 | 0 | %100 |
| 102 | M73 | Z | 1.132 | 1.132 | 0 | %100 |
| 103 | M74 | X | 1.961 | 1.961 | 0 | %100 |
| 104 | M74 | Z | 1.132 | 1.132 | 0 | %100 |
| 105 | M75 | X | 1.961 | 1.961 | 0 | %100 |
| 106 | M75 | Z | 1.132 | 1.132 | 0 | %100 |
| 107 | M76 | X | 1.961 | 1.961 | 0 | %100 |
| 108 | M76 | Z | 1.132 | 1.132 | 0 | %100 |
| 109 | M77 | X | 1.961 | 1.961 | 0 | %100 |
| 110 | M77 | Z | 1.132 | 1.132 | 0 | %100 |
| 111 | M78 | X | 1.961 | 1.961 | 0 | %100 |
| 112 | M78 | Z | 1.132 | 1.132 | 0 | %100 |
| 113 | M79 | X | 1.961 | 1.961 | 0 | %100 |
| 114 | M79 | Z | 1.132 | 1.132 | 0 | %100 |
| 115 | M80 | X | 1.961 | 1.961 | 0 | %100 |
| 116 | M80 | Z | 1.132 | 1.132 | 0 | %100 |
| 117 | M81 | X | 1.961 | 1.961 | 0 | %100 |
| 118 | M81 | Z | 1.132 | 1.132 | 0 | %100 |
| 119 | M82 | X | 1.961 | 1.961 | 0 | %100 |
| 120 | M82 | Z | 1.132 | 1.132 | 0 | %100 |
| 121 | M83 | X | 1.961 | 1.961 | 0 | %100 |
| 122 | M83 | Z | 1.132 | 1.132 | 0 | %100 |
| 123 | M84 | X | 1.961 | 1.961 | 0 | %100 |
| 124 | M84 | Z | 1.132 | 1.132 | 0 | %100 |
| 125 | M85 | X | 1.773 | 1.773 | 0 | %100 |
| 126 | M85 | Z | 1.024 | 1.024 | 0 | %100 |
| 127 | M86 | X | 1.773 | 1.773 | 0 | %100 |
| 128 | M86 | Z | 1.024 | 1.024 | 0 | %100 |
| 129 | M87 | X | 1.773 | 1.773 | 0 | %100 |
| 130 | M87 | Z | 1.024 | 1.024 | 0 | %100 |
| 131 | M88 | X | 1.742 | 1.742 | 0 | %100 |
| 132 | M88 | Z | 1.006 | 1.006 | 0 | %100 |
| 133 | M89 | X | 1.746 | 1.746 | 0 | %100 |
| 134 | M89 | Z | 1.008 | 1.008 | 0 | %100 |
| 135 | M90 | X | 1.773 | 1.773 | 0 | %100 |
| 136 | M90 | Z | 1.024 | 1.024 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 137 | M91 | X | 1.773 | 1.773 | 0 | %100 |
| 138 | M91 | Z | 1.024 | 1.024 | 0 | %100 |
| 139 | M92 | X | 1.773 | 1.773 | 0 | %100 |
| 140 | M92 | Z | 1.024 | 1.024 | 0 | %100 |
| 141 | M93 | X | 1.742 | 1.742 | 0 | %100 |
| 142 | M93 | Z | 1.006 | 1.006 | 0 | %100 |
| 143 | M94 | X | 1.746 | 1.746 | 0 | %100 |
| 144 | M94 | Z | 1.008 | 1.008 | 0 | %100 |
| 145 | M99 | X | .678 | .678 | 0 | %100 |
| 146 | M99 | Z | .391 | .391 | 0 | %100 |
| 147 | M100 | X | .678 | .678 | 0 | %100 |
| 148 | M100 | Z | .391 | .391 | 0 | %100 |
| 149 | MP1C | X | 2.451 | 2.451 | 0 | %100 |
| 150 | MP1C | Z | 1.415 | 1.415 | 0 | %100 |
| 151 | MP2C | X | 2.451 | 2.451 | 0 | %100 |
| 152 | MP2C | Z | 1.415 | 1.415 | 0 | %100 |
| 153 | MP3C | X | 2.451 | 2.451 | 0 | %100 |
| 154 | MP3C | Z | 1.415 | 1.415 | 0 | %100 |
| 155 | MP4C | X | 2.451 | 2.451 | 0 | %100 |
| 156 | MP4C | Z | 1.415 | 1.415 | 0 | %100 |
| 157 | MP5C | X | 2.451 | 2.451 | 0 | %100 |
| 158 | MP5C | Z | 1.415 | 1.415 | 0 | %100 |
| 159 | M116 | X | 1.9e-5 | 1.9e-5 | 0 | %100 |
| 160 | M116 | Z | 1.1e-5 | 1.1e-5 | 0 | %100 |
| 161 | M117 | X | 0 | 0 | 0 | %100 |
| 162 | M117 | Z | 0 | 0 | 0 | %100 |
| 163 | M118 | X | 0 | 0 | 0 | %100 |
| 164 | M118 | Z | 0 | 0 | 0 | %100 |
| 165 | M119 | X | 0 | 0 | 0 | %100 |
| 166 | M119 | Z | 0 | 0 | 0 | %100 |
| 167 | M120 | X | 0 | 0 | 0 | %100 |
| 168 | M120 | Z | 0 | 0 | 0 | %100 |
| 169 | M121 | X | 0 | 0 | 0 | %100 |
| 170 | M121 | Z | 0 | 0 | 0 | %100 |
| 171 | M122 | X | 0 | 0 | 0 | %100 |
| 172 | M122 | Z | 0 | 0 | 0 | %100 |
| 173 | M123 | X | 0 | 0 | 0 | %100 |
| 174 | M123 | Z | 0 | 0 | 0 | %100 |
| 175 | M124 | X | 0 | 0 | 0 | %100 |
| 176 | M124 | Z | 0 | 0 | 0 | %100 |
| 177 | M129 | X | 2.451 | 2.451 | 0 | %100 |
| 178 | M129 | Z | 1.415 | 1.415 | 0 | %100 |
| 179 | M130 | X | 2.451 | 2.451 | 0 | %100 |
| 180 | M130 | Z | 1.415 | 1.415 | 0 | %100 |
| 181 | M131 | X | 1.961 | 1.961 | 0 | %100 |
| 182 | M131 | Z | 1.132 | 1.132 | 0 | %100 |
| 183 | M132 | X | 1.961 | 1.961 | 0 | %100 |
| 184 | M132 | Z | 1.132 | 1.132 | 0 | %100 |
| 185 | M133 | X | 1.961 | 1.961 | 0 | %100 |
| 186 | M133 | Z | 1.132 | 1.132 | 0 | %100 |
| 187 | M134 | X | 1.961 | 1.961 | 0 | %100 |
| 188 | M134 | Z | 1.132 | 1.132 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 189 | M135 | X | 1.961 | 1.961 | 0 | %100 |
| 190 | M135 | Z | 1.132 | 1.132 | 0 | %100 |
| 191 | M136 | X | 1.961 | 1.961 | 0 | %100 |
| 192 | M136 | Z | 1.132 | 1.132 | 0 | %100 |
| 193 | M137 | X | 1.961 | 1.961 | 0 | %100 |
| 194 | M137 | Z | 1.132 | 1.132 | 0 | %100 |
| 195 | M138 | X | 1.961 | 1.961 | 0 | %100 |
| 196 | M138 | Z | 1.132 | 1.132 | 0 | %100 |
| 197 | M139 | X | 1.961 | 1.961 | 0 | %100 |
| 198 | M139 | Z | 1.132 | 1.132 | 0 | %100 |
| 199 | M140 | X | 1.961 | 1.961 | 0 | %100 |
| 200 | M140 | Z | 1.132 | 1.132 | 0 | %100 |
| 201 | M141 | X | 1.961 | 1.961 | 0 | %100 |
| 202 | M141 | Z | 1.132 | 1.132 | 0 | %100 |
| 203 | M142 | X | 1.961 | 1.961 | 0 | %100 |
| 204 | M142 | Z | 1.132 | 1.132 | 0 | %100 |
| 205 | M143 | X | 1.773 | 1.773 | 0 | %100 |
| 206 | M143 | Z | 1.024 | 1.024 | 0 | %100 |
| 207 | M144 | X | 1.773 | 1.773 | 0 | %100 |
| 208 | M144 | Z | 1.024 | 1.024 | 0 | %100 |
| 209 | M145 | X | 1.773 | 1.773 | 0 | %100 |
| 210 | M145 | Z | 1.024 | 1.024 | 0 | %100 |
| 211 | M146 | X | 1.114 | 1.114 | 0 | %100 |
| 212 | M146 | Z | .643 | .643 | 0 | %100 |
| 213 | M147 | X | 1.157 | 1.157 | 0 | %100 |
| 214 | M147 | Z | .668 | .668 | 0 | %100 |
| 215 | M148 | X | 1.773 | 1.773 | 0 | %100 |
| 216 | M148 | Z | 1.024 | 1.024 | 0 | %100 |
| 217 | M149 | X | 1.773 | 1.773 | 0 | %100 |
| 218 | M149 | Z | 1.024 | 1.024 | 0 | %100 |
| 219 | M150 | X | 1.773 | 1.773 | 0 | %100 |
| 220 | M150 | Z | 1.024 | 1.024 | 0 | %100 |
| 221 | M151 | X | 1.114 | 1.114 | 0 | %100 |
| 222 | M151 | Z | .643 | .643 | 0 | %100 |
| 223 | M152 | X | 1.157 | 1.157 | 0 | %100 |
| 224 | M152 | Z | .668 | .668 | 0 | %100 |
| 225 | M157 | X | 2.712 | 2.712 | 0 | %100 |
| 226 | M157 | Z | 1.566 | 1.566 | 0 | %100 |
| 227 | M158 | X | 2.712 | 2.712 | 0 | %100 |
| 228 | M158 | Z | 1.566 | 1.566 | 0 | %100 |
| 229 | MP1B | X | 2.451 | 2.451 | 0 | %100 |
| 230 | MP1B | Z | 1.415 | 1.415 | 0 | %100 |
| 231 | MP2B | X | 2.451 | 2.451 | 0 | %100 |
| 232 | MP2B | Z | 1.415 | 1.415 | 0 | %100 |
| 233 | MP3B | X | 2.451 | 2.451 | 0 | %100 |
| 234 | MP3B | Z | 1.415 | 1.415 | 0 | %100 |
| 235 | MP4B | X | 2.451 | 2.451 | 0 | %100 |
| 236 | MP4B | Z | 1.415 | 1.415 | 0 | %100 |
| 237 | MP5B | X | 2.451 | 2.451 | 0 | %100 |
| 238 | MP5B | Z | 1.415 | 1.415 | 0 | %100 |
| 239 | M174 | X | 1.828 | 1.828 | 0 | %100 |
| 240 | M174 | Z | 1.056 | 1.056 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | .13 | .13 | 0 | %100 |
| 2 | M1 | Z | .226 | .226 | 0 | %100 |
| 3 | M2 | X | .13 | .13 | 0 | %100 |
| 4 | M2 | Z | .226 | .226 | 0 | %100 |
| 5 | M3 | X | .13 | .13 | 0 | %100 |
| 6 | M3 | Z | .226 | .226 | 0 | %100 |
| 7 | M4 | X | .13 | .13 | 0 | %100 |
| 8 | M4 | Z | .226 | .226 | 0 | %100 |
| 9 | M5 | X | .354 | .354 | 0 | %100 |
| 10 | M5 | Z | .613 | .613 | 0 | %100 |
| 11 | M6 | X | .354 | .354 | 0 | %100 |
| 12 | M6 | Z | .613 | .613 | 0 | %100 |
| 13 | M7 | X | .354 | .354 | 0 | %100 |
| 14 | M7 | Z | .613 | .613 | 0 | %100 |
| 15 | M8 | X | .354 | .354 | 0 | %100 |
| 16 | M8 | Z | .613 | .613 | 0 | %100 |
| 17 | M13 | X | 1.415 | 1.415 | 0 | %100 |
| 18 | M13 | Z | 2.451 | 2.451 | 0 | %100 |
| 19 | M14 | X | 1.415 | 1.415 | 0 | %100 |
| 20 | M14 | Z | 2.451 | 2.451 | 0 | %100 |
| 21 | M16 | X | .725 | .725 | 0 | %100 |
| 22 | M16 | Z | 1.256 | 1.256 | 0 | %100 |
| 23 | M17 | X | .725 | .725 | 0 | %100 |
| 24 | M17 | Z | 1.256 | 1.256 | 0 | %100 |
| 25 | M18 | X | .725 | .725 | 0 | %100 |
| 26 | M18 | Z | 1.256 | 1.256 | 0 | %100 |
| 27 | M19 | X | .725 | .725 | 0 | %100 |
| 28 | M19 | Z | 1.256 | 1.256 | 0 | %100 |
| 29 | M20 | X | .725 | .725 | 0 | %100 |
| 30 | M20 | Z | 1.256 | 1.256 | 0 | %100 |
| 31 | M21 | X | .725 | .725 | 0 | %100 |
| 32 | M21 | Z | 1.256 | 1.256 | 0 | %100 |
| 33 | M24 | X | .725 | .725 | 0 | %100 |
| 34 | M24 | Z | 1.256 | 1.256 | 0 | %100 |
| 35 | M25 | X | .725 | .725 | 0 | %100 |
| 36 | M25 | Z | 1.256 | 1.256 | 0 | %100 |
| 37 | M26 | X | .725 | .725 | 0 | %100 |
| 38 | M26 | Z | 1.256 | 1.256 | 0 | %100 |
| 39 | M27 | X | .725 | .725 | 0 | %100 |
| 40 | M27 | Z | 1.256 | 1.256 | 0 | %100 |
| 41 | M28 | X | .725 | .725 | 0 | %100 |
| 42 | M28 | Z | 1.256 | 1.256 | 0 | %100 |
| 43 | M29 | X | .725 | .725 | 0 | %100 |
| 44 | M29 | Z | 1.256 | 1.256 | 0 | %100 |
| 45 | M32 | X | 1.024 | 1.024 | 0 | %100 |
| 46 | M32 | Z | 1.773 | 1.773 | 0 | %100 |
| 47 | M33 | X | 1.024 | 1.024 | 0 | %100 |
| 48 | M33 | Z | 1.773 | 1.773 | 0 | %100 |
| 49 | M34 | X | 1.024 | 1.024 | 0 | %100 |
| 50 | M34 | Z | 1.773 | 1.773 | 0 | %100 |
| 51 | M35 | X | .764 | .764 | 0 | %100 |
| 52 | M35 | Z | 1.323 | 1.323 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 53 | M36 | X | .782 | .782 | 0 | %100 |
| 54 | M36 | Z | 1.354 | 1.354 | 0 | %100 |
| 55 | M37 | X | 1.024 | 1.024 | 0 | %100 |
| 56 | M37 | Z | 1.773 | 1.773 | 0 | %100 |
| 57 | M38 | X | 1.024 | 1.024 | 0 | %100 |
| 58 | M38 | Z | 1.773 | 1.773 | 0 | %100 |
| 59 | M39 | X | 1.024 | 1.024 | 0 | %100 |
| 60 | M39 | Z | 1.773 | 1.773 | 0 | %100 |
| 61 | M40 | X | .764 | .764 | 0 | %100 |
| 62 | M40 | Z | 1.323 | 1.323 | 0 | %100 |
| 63 | M41 | X | .782 | .782 | 0 | %100 |
| 64 | M41 | Z | 1.354 | 1.354 | 0 | %100 |
| 65 | M41A | X | 1.174 | 1.174 | 0 | %100 |
| 66 | M41A | Z | 2.034 | 2.034 | 0 | %100 |
| 67 | FACE | X | 1.174 | 1.174 | 0 | %100 |
| 68 | FACE | Z | 2.034 | 2.034 | 0 | %100 |
| 69 | MP1A | X | 1.415 | 1.415 | 0 | %100 |
| 70 | MP1A | Z | 2.451 | 2.451 | 0 | %100 |
| 71 | MP2A | X | 1.415 | 1.415 | 0 | %100 |
| 72 | MP2A | Z | 2.451 | 2.451 | 0 | %100 |
| 73 | MP3A | X | 1.415 | 1.415 | 0 | %100 |
| 74 | MP3A | Z | 2.451 | 2.451 | 0 | %100 |
| 75 | MP4A | X | 1.415 | 1.415 | 0 | %100 |
| 76 | MP4A | Z | 2.451 | 2.451 | 0 | %100 |
| 77 | MP5A | X | 1.415 | 1.415 | 0 | %100 |
| 78 | MP5A | Z | 2.451 | 2.451 | 0 | %100 |
| 79 | M58 | X | 1.555 | 1.555 | 0 | %100 |
| 80 | M58 | Z | 2.693 | 2.693 | 0 | %100 |
| 81 | M59 | X | .521 | .521 | 0 | %100 |
| 82 | M59 | Z | .903 | .903 | 0 | %100 |
| 83 | M60 | X | .521 | .521 | 0 | %100 |
| 84 | M60 | Z | .903 | .903 | 0 | %100 |
| 85 | M61 | X | .521 | .521 | 0 | %100 |
| 86 | M61 | Z | .903 | .903 | 0 | %100 |
| 87 | M62 | X | .521 | .521 | 0 | %100 |
| 88 | M62 | Z | .903 | .903 | 0 | %100 |
| 89 | M63 | X | 1.415 | 1.415 | 0 | %100 |
| 90 | M63 | Z | 2.451 | 2.451 | 0 | %100 |
| 91 | M64 | X | 1.415 | 1.415 | 0 | %100 |
| 92 | M64 | Z | 2.451 | 2.451 | 0 | %100 |
| 93 | M65 | X | 1.415 | 1.415 | 0 | %100 |
| 94 | M65 | Z | 2.451 | 2.451 | 0 | %100 |
| 95 | M66 | X | 1.415 | 1.415 | 0 | %100 |
| 96 | M66 | Z | 2.451 | 2.451 | 0 | %100 |
| 97 | M71 | X | 1.415 | 1.415 | 0 | %100 |
| 98 | M71 | Z | 2.451 | 2.451 | 0 | %100 |
| 99 | M72 | X | 1.415 | 1.415 | 0 | %100 |
| 100 | M72 | Z | 2.451 | 2.451 | 0 | %100 |
| 101 | M73 | X | .725 | .725 | 0 | %100 |
| 102 | M73 | Z | 1.256 | 1.256 | 0 | %100 |
| 103 | M74 | X | .725 | .725 | 0 | %100 |
| 104 | M74 | Z | 1.256 | 1.256 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 105 | M75 | X | .725 | .725 | 0 | %100 |
| 106 | M75 | Z | 1.256 | 1.256 | 0 | %100 |
| 107 | M76 | X | .725 | .725 | 0 | %100 |
| 108 | M76 | Z | 1.256 | 1.256 | 0 | %100 |
| 109 | M77 | X | .725 | .725 | 0 | %100 |
| 110 | M77 | Z | 1.256 | 1.256 | 0 | %100 |
| 111 | M78 | X | .725 | .725 | 0 | %100 |
| 112 | M78 | Z | 1.256 | 1.256 | 0 | %100 |
| 113 | M79 | X | .725 | .725 | 0 | %100 |
| 114 | M79 | Z | 1.256 | 1.256 | 0 | %100 |
| 115 | M80 | X | .725 | .725 | 0 | %100 |
| 116 | M80 | Z | 1.256 | 1.256 | 0 | %100 |
| 117 | M81 | X | .725 | .725 | 0 | %100 |
| 118 | M81 | Z | 1.256 | 1.256 | 0 | %100 |
| 119 | M82 | X | .725 | .725 | 0 | %100 |
| 120 | M82 | Z | 1.256 | 1.256 | 0 | %100 |
| 121 | M83 | X | .725 | .725 | 0 | %100 |
| 122 | M83 | Z | 1.256 | 1.256 | 0 | %100 |
| 123 | M84 | X | .725 | .725 | 0 | %100 |
| 124 | M84 | Z | 1.256 | 1.256 | 0 | %100 |
| 125 | M85 | X | 1.024 | 1.024 | 0 | %100 |
| 126 | M85 | Z | 1.773 | 1.773 | 0 | %100 |
| 127 | M86 | X | 1.024 | 1.024 | 0 | %100 |
| 128 | M86 | Z | 1.773 | 1.773 | 0 | %100 |
| 129 | M87 | X | 1.024 | 1.024 | 0 | %100 |
| 130 | M87 | Z | 1.773 | 1.773 | 0 | %100 |
| 131 | M88 | X | 1.127 | 1.127 | 0 | %100 |
| 132 | M88 | Z | 1.952 | 1.952 | 0 | %100 |
| 133 | M89 | X | 1.121 | 1.121 | 0 | %100 |
| 134 | M89 | Z | 1.942 | 1.942 | 0 | %100 |
| 135 | M90 | X | 1.024 | 1.024 | 0 | %100 |
| 136 | M90 | Z | 1.773 | 1.773 | 0 | %100 |
| 137 | M91 | X | 1.024 | 1.024 | 0 | %100 |
| 138 | M91 | Z | 1.773 | 1.773 | 0 | %100 |
| 139 | M92 | X | 1.024 | 1.024 | 0 | %100 |
| 140 | M92 | Z | 1.773 | 1.773 | 0 | %100 |
| 141 | M93 | X | 1.127 | 1.127 | 0 | %100 |
| 142 | M93 | Z | 1.952 | 1.952 | 0 | %100 |
| 143 | M94 | X | 1.121 | 1.121 | 0 | %100 |
| 144 | M94 | Z | 1.942 | 1.942 | 0 | %100 |
| 145 | M99 | X | 0 | 0 | 0 | %100 |
| 146 | M99 | Z | 0 | 0 | 0 | %100 |
| 147 | M100 | X | 0 | 0 | 0 | %100 |
| 148 | M100 | Z | 0 | 0 | 0 | %100 |
| 149 | MP1C | X | 1.415 | 1.415 | 0 | %100 |
| 150 | MP1C | Z | 2.451 | 2.451 | 0 | %100 |
| 151 | MP2C | X | 1.415 | 1.415 | 0 | %100 |
| 152 | MP2C | Z | 2.451 | 2.451 | 0 | %100 |
| 153 | MP3C | X | 1.415 | 1.415 | 0 | %100 |
| 154 | MP3C | Z | 2.451 | 2.451 | 0 | %100 |
| 155 | MP4C | X | 1.415 | 1.415 | 0 | %100 |
| 156 | MP4C | Z | 2.451 | 2.451 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 157 | MP5C | X | 1.415 | 1.415 | 0 | %100 |
| 158 | MP5C | Z | 2.451 | 2.451 | 0 | %100 |
| 159 | M116 | X | .395 | .395 | 0 | %100 |
| 160 | M116 | Z | .684 | .684 | 0 | %100 |
| 161 | M117 | X | .13 | .13 | 0 | %100 |
| 162 | M117 | Z | .226 | .226 | 0 | %100 |
| 163 | M118 | X | .13 | .13 | 0 | %100 |
| 164 | M118 | Z | .226 | .226 | 0 | %100 |
| 165 | M119 | X | .13 | .13 | 0 | %100 |
| 166 | M119 | Z | .226 | .226 | 0 | %100 |
| 167 | M120 | X | .13 | .13 | 0 | %100 |
| 168 | M120 | Z | .226 | .226 | 0 | %100 |
| 169 | M121 | X | .354 | .354 | 0 | %100 |
| 170 | M121 | Z | .613 | .613 | 0 | %100 |
| 171 | M122 | X | .354 | .354 | 0 | %100 |
| 172 | M122 | Z | .613 | .613 | 0 | %100 |
| 173 | M123 | X | .354 | .354 | 0 | %100 |
| 174 | M123 | Z | .613 | .613 | 0 | %100 |
| 175 | M124 | X | .354 | .354 | 0 | %100 |
| 176 | M124 | Z | .613 | .613 | 0 | %100 |
| 177 | M129 | X | 1.415 | 1.415 | 0 | %100 |
| 178 | M129 | Z | 2.451 | 2.451 | 0 | %100 |
| 179 | M130 | X | 1.415 | 1.415 | 0 | %100 |
| 180 | M130 | Z | 2.451 | 2.451 | 0 | %100 |
| 181 | M131 | X | .725 | .725 | 0 | %100 |
| 182 | M131 | Z | 1.256 | 1.256 | 0 | %100 |
| 183 | M132 | X | .725 | .725 | 0 | %100 |
| 184 | M132 | Z | 1.256 | 1.256 | 0 | %100 |
| 185 | M133 | X | .725 | .725 | 0 | %100 |
| 186 | M133 | Z | 1.256 | 1.256 | 0 | %100 |
| 187 | M134 | X | .725 | .725 | 0 | %100 |
| 188 | M134 | Z | 1.256 | 1.256 | 0 | %100 |
| 189 | M135 | X | .725 | .725 | 0 | %100 |
| 190 | M135 | Z | 1.256 | 1.256 | 0 | %100 |
| 191 | M136 | X | .725 | .725 | 0 | %100 |
| 192 | M136 | Z | 1.256 | 1.256 | 0 | %100 |
| 193 | M137 | X | .725 | .725 | 0 | %100 |
| 194 | M137 | Z | 1.256 | 1.256 | 0 | %100 |
| 195 | M138 | X | .725 | .725 | 0 | %100 |
| 196 | M138 | Z | 1.256 | 1.256 | 0 | %100 |
| 197 | M139 | X | .725 | .725 | 0 | %100 |
| 198 | M139 | Z | 1.256 | 1.256 | 0 | %100 |
| 199 | M140 | X | .725 | .725 | 0 | %100 |
| 200 | M140 | Z | 1.256 | 1.256 | 0 | %100 |
| 201 | M141 | X | .725 | .725 | 0 | %100 |
| 202 | M141 | Z | 1.256 | 1.256 | 0 | %100 |
| 203 | M142 | X | .725 | .725 | 0 | %100 |
| 204 | M142 | Z | 1.256 | 1.256 | 0 | %100 |
| 205 | M143 | X | 1.024 | 1.024 | 0 | %100 |
| 206 | M143 | Z | 1.773 | 1.773 | 0 | %100 |
| 207 | M144 | X | 1.024 | 1.024 | 0 | %100 |
| 208 | M144 | Z | 1.773 | 1.773 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 209 | M145 | X | 1.024 | 1.024 | 0 | %100 |
| 210 | M145 | Z | 1.773 | 1.773 | 0 | %100 |
| 211 | M146 | X | .764 | .764 | 0 | %100 |
| 212 | M146 | Z | 1.323 | 1.323 | 0 | %100 |
| 213 | M147 | X | .782 | .782 | 0 | %100 |
| 214 | M147 | Z | 1.354 | 1.354 | 0 | %100 |
| 215 | M148 | X | 1.024 | 1.024 | 0 | %100 |
| 216 | M148 | Z | 1.773 | 1.773 | 0 | %100 |
| 217 | M149 | X | 1.024 | 1.024 | 0 | %100 |
| 218 | M149 | Z | 1.773 | 1.773 | 0 | %100 |
| 219 | M150 | X | 1.024 | 1.024 | 0 | %100 |
| 220 | M150 | Z | 1.773 | 1.773 | 0 | %100 |
| 221 | M151 | X | .764 | .764 | 0 | %100 |
| 222 | M151 | Z | 1.323 | 1.323 | 0 | %100 |
| 223 | M152 | X | .782 | .782 | 0 | %100 |
| 224 | M152 | Z | 1.354 | 1.354 | 0 | %100 |
| 225 | M157 | X | 1.174 | 1.174 | 0 | %100 |
| 226 | M157 | Z | 2.034 | 2.034 | 0 | %100 |
| 227 | M158 | X | 1.174 | 1.174 | 0 | %100 |
| 228 | M158 | Z | 2.034 | 2.034 | 0 | %100 |
| 229 | MP1B | X | 1.415 | 1.415 | 0 | %100 |
| 230 | MP1B | Z | 2.451 | 2.451 | 0 | %100 |
| 231 | MP2B | X | 1.415 | 1.415 | 0 | %100 |
| 232 | MP2B | Z | 2.451 | 2.451 | 0 | %100 |
| 233 | MP3B | X | 1.415 | 1.415 | 0 | %100 |
| 234 | MP3B | Z | 2.451 | 2.451 | 0 | %100 |
| 235 | MP4B | X | 1.415 | 1.415 | 0 | %100 |
| 236 | MP4B | Z | 2.451 | 2.451 | 0 | %100 |
| 237 | MP5B | X | 1.415 | 1.415 | 0 | %100 |
| 238 | MP5B | Z | 2.451 | 2.451 | 0 | %100 |
| 239 | M174 | X | .284 | .284 | 0 | %100 |
| 240 | M174 | Z | .491 | .491 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | 0 | 0 | 0 | %100 |
| 2 | M1 | Z | 0 | 0 | 0 | %100 |
| 3 | M2 | X | 0 | 0 | 0 | %100 |
| 4 | M2 | Z | 0 | 0 | 0 | %100 |
| 5 | M3 | X | 0 | 0 | 0 | %100 |
| 6 | M3 | Z | 0 | 0 | 0 | %100 |
| 7 | M4 | X | 0 | 0 | 0 | %100 |
| 8 | M4 | Z | 0 | 0 | 0 | %100 |
| 9 | M5 | X | 0 | 0 | 0 | %100 |
| 10 | M5 | Z | 0 | 0 | 0 | %100 |
| 11 | M6 | X | 0 | 0 | 0 | %100 |
| 12 | M6 | Z | 0 | 0 | 0 | %100 |
| 13 | M7 | X | 0 | 0 | 0 | %100 |
| 14 | M7 | Z | 0 | 0 | 0 | %100 |
| 15 | M8 | X | 0 | 0 | 0 | %100 |
| 16 | M8 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 17 | M13 | X | 0 | 0 | 0 | %100 |
| 18 | M13 | Z | 2.831 | 2.831 | 0 | %100 |
| 19 | M14 | X | 0 | 0 | 0 | %100 |
| 20 | M14 | Z | 2.831 | 2.831 | 0 | %100 |
| 21 | M16 | X | 0 | 0 | 0 | %100 |
| 22 | M16 | Z | 1.043 | 1.043 | 0 | %100 |
| 23 | M17 | X | 0 | 0 | 0 | %100 |
| 24 | M17 | Z | 1.043 | 1.043 | 0 | %100 |
| 25 | M18 | X | 0 | 0 | 0 | %100 |
| 26 | M18 | Z | 1.043 | 1.043 | 0 | %100 |
| 27 | M19 | X | 0 | 0 | 0 | %100 |
| 28 | M19 | Z | 1.043 | 1.043 | 0 | %100 |
| 29 | M20 | X | 0 | 0 | 0 | %100 |
| 30 | M20 | Z | 1.043 | 1.043 | 0 | %100 |
| 31 | M21 | X | 0 | 0 | 0 | %100 |
| 32 | M21 | Z | 1.043 | 1.043 | 0 | %100 |
| 33 | M24 | X | 0 | 0 | 0 | %100 |
| 34 | M24 | Z | 1.043 | 1.043 | 0 | %100 |
| 35 | M25 | X | 0 | 0 | 0 | %100 |
| 36 | M25 | Z | 1.043 | 1.043 | 0 | %100 |
| 37 | M26 | X | 0 | 0 | 0 | %100 |
| 38 | M26 | Z | 1.043 | 1.043 | 0 | %100 |
| 39 | M27 | X | 0 | 0 | 0 | %100 |
| 40 | M27 | Z | 1.043 | 1.043 | 0 | %100 |
| 41 | M28 | X | 0 | 0 | 0 | %100 |
| 42 | M28 | Z | 1.043 | 1.043 | 0 | %100 |
| 43 | M29 | X | 0 | 0 | 0 | %100 |
| 44 | M29 | Z | 1.043 | 1.043 | 0 | %100 |
| 45 | M32 | X | 0 | 0 | 0 | %100 |
| 46 | M32 | Z | 2.047 | 2.047 | 0 | %100 |
| 47 | M33 | X | 0 | 0 | 0 | %100 |
| 48 | M33 | Z | 2.047 | 2.047 | 0 | %100 |
| 49 | M34 | X | 0 | 0 | 0 | %100 |
| 50 | M34 | Z | 2.047 | 2.047 | 0 | %100 |
| 51 | M35 | X | 0 | 0 | 0 | %100 |
| 52 | M35 | Z | 1.286 | 1.286 | 0 | %100 |
| 53 | M36 | X | 0 | 0 | 0 | %100 |
| 54 | M36 | Z | 1.337 | 1.337 | 0 | %100 |
| 55 | M37 | X | 0 | 0 | 0 | %100 |
| 56 | M37 | Z | 2.047 | 2.047 | 0 | %100 |
| 57 | M38 | X | 0 | 0 | 0 | %100 |
| 58 | M38 | Z | 2.047 | 2.047 | 0 | %100 |
| 59 | M39 | X | 0 | 0 | 0 | %100 |
| 60 | M39 | Z | 2.047 | 2.047 | 0 | %100 |
| 61 | M40 | X | 0 | 0 | 0 | %100 |
| 62 | M40 | Z | 1.286 | 1.286 | 0 | %100 |
| 63 | M41 | X | 0 | 0 | 0 | %100 |
| 64 | M41 | Z | 1.337 | 1.337 | 0 | %100 |
| 65 | M41A | X | 0 | 0 | 0 | %100 |
| 66 | M41A | Z | 3.132 | 3.132 | 0 | %100 |
| 67 | FACE | X | 0 | 0 | 0 | %100 |
| 68 | FACE | Z | 3.132 | 3.132 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 69 | MP1A | X | 0 | 0 | 0 | %100 |
| 70 | MP1A | Z | 2.831 | 2.831 | 0 | %100 |
| 71 | MP2A | X | 0 | 0 | 0 | %100 |
| 72 | MP2A | Z | 2.831 | 2.831 | 0 | %100 |
| 73 | MP3A | X | 0 | 0 | 0 | %100 |
| 74 | MP3A | Z | 2.831 | 2.831 | 0 | %100 |
| 75 | MP4A | X | 0 | 0 | 0 | %100 |
| 76 | MP4A | Z | 2.831 | 2.831 | 0 | %100 |
| 77 | MP5A | X | 0 | 0 | 0 | %100 |
| 78 | MP5A | Z | 2.831 | 2.831 | 0 | %100 |
| 79 | M58 | X | 0 | 0 | 0 | %100 |
| 80 | M58 | Z | 2.111 | 2.111 | 0 | %100 |
| 81 | M59 | X | 0 | 0 | 0 | %100 |
| 82 | M59 | Z | .782 | .782 | 0 | %100 |
| 83 | M60 | X | 0 | 0 | 0 | %100 |
| 84 | M60 | Z | .782 | .782 | 0 | %100 |
| 85 | M61 | X | 0 | 0 | 0 | %100 |
| 86 | M61 | Z | .782 | .782 | 0 | %100 |
| 87 | M62 | X | 0 | 0 | 0 | %100 |
| 88 | M62 | Z | .782 | .782 | 0 | %100 |
| 89 | M63 | X | 0 | 0 | 0 | %100 |
| 90 | M63 | Z | 2.123 | 2.123 | 0 | %100 |
| 91 | M64 | X | 0 | 0 | 0 | %100 |
| 92 | M64 | Z | 2.123 | 2.123 | 0 | %100 |
| 93 | M65 | X | 0 | 0 | 0 | %100 |
| 94 | M65 | Z | 2.123 | 2.123 | 0 | %100 |
| 95 | M66 | X | 0 | 0 | 0 | %100 |
| 96 | M66 | Z | 2.123 | 2.123 | 0 | %100 |
| 97 | M71 | X | 0 | 0 | 0 | %100 |
| 98 | M71 | Z | 2.831 | 2.831 | 0 | %100 |
| 99 | M72 | X | 0 | 0 | 0 | %100 |
| 100 | M72 | Z | 2.831 | 2.831 | 0 | %100 |
| 101 | M73 | X | 0 | 0 | 0 | %100 |
| 102 | M73 | Z | 1.043 | 1.043 | 0 | %100 |
| 103 | M74 | X | 0 | 0 | 0 | %100 |
| 104 | M74 | Z | 1.043 | 1.043 | 0 | %100 |
| 105 | M75 | X | 0 | 0 | 0 | %100 |
| 106 | M75 | Z | 1.043 | 1.043 | 0 | %100 |
| 107 | M76 | X | 0 | 0 | 0 | %100 |
| 108 | M76 | Z | 1.043 | 1.043 | 0 | %100 |
| 109 | M77 | X | 0 | 0 | 0 | %100 |
| 110 | M77 | Z | 1.043 | 1.043 | 0 | %100 |
| 111 | M78 | X | 0 | 0 | 0 | %100 |
| 112 | M78 | Z | 1.043 | 1.043 | 0 | %100 |
| 113 | M79 | X | 0 | 0 | 0 | %100 |
| 114 | M79 | Z | 1.043 | 1.043 | 0 | %100 |
| 115 | M80 | X | 0 | 0 | 0 | %100 |
| 116 | M80 | Z | 1.043 | 1.043 | 0 | %100 |
| 117 | M81 | X | 0 | 0 | 0 | %100 |
| 118 | M81 | Z | 1.043 | 1.043 | 0 | %100 |
| 119 | M82 | X | 0 | 0 | 0 | %100 |
| 120 | M82 | Z | 1.043 | 1.043 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 121 | M83 | X | 0 | 0 | 0 | %100 |
| 122 | M83 | Z | 1.043 | 1.043 | 0 | %100 |
| 123 | M84 | X | 0 | 0 | 0 | %100 |
| 124 | M84 | Z | 1.043 | 1.043 | 0 | %100 |
| 125 | M85 | X | 0 | 0 | 0 | %100 |
| 126 | M85 | Z | 2.047 | 2.047 | 0 | %100 |
| 127 | M86 | X | 0 | 0 | 0 | %100 |
| 128 | M86 | Z | 2.047 | 2.047 | 0 | %100 |
| 129 | M87 | X | 0 | 0 | 0 | %100 |
| 130 | M87 | Z | 2.047 | 2.047 | 0 | %100 |
| 131 | M88 | X | 0 | 0 | 0 | %100 |
| 132 | M88 | Z | 2.012 | 2.012 | 0 | %100 |
| 133 | M89 | X | 0 | 0 | 0 | %100 |
| 134 | M89 | Z | 2.016 | 2.016 | 0 | %100 |
| 135 | M90 | X | 0 | 0 | 0 | %100 |
| 136 | M90 | Z | 2.047 | 2.047 | 0 | %100 |
| 137 | M91 | X | 0 | 0 | 0 | %100 |
| 138 | M91 | Z | 2.047 | 2.047 | 0 | %100 |
| 139 | M92 | X | 0 | 0 | 0 | %100 |
| 140 | M92 | Z | 2.047 | 2.047 | 0 | %100 |
| 141 | M93 | X | 0 | 0 | 0 | %100 |
| 142 | M93 | Z | 2.012 | 2.012 | 0 | %100 |
| 143 | M94 | X | 0 | 0 | 0 | %100 |
| 144 | M94 | Z | 2.016 | 2.016 | 0 | %100 |
| 145 | M99 | X | 0 | 0 | 0 | %100 |
| 146 | M99 | Z | .783 | .783 | 0 | %100 |
| 147 | M100 | X | 0 | 0 | 0 | %100 |
| 148 | M100 | Z | .783 | .783 | 0 | %100 |
| 149 | MP1C | X | 0 | 0 | 0 | %100 |
| 150 | MP1C | Z | 2.831 | 2.831 | 0 | %100 |
| 151 | MP2C | X | 0 | 0 | 0 | %100 |
| 152 | MP2C | Z | 2.831 | 2.831 | 0 | %100 |
| 153 | MP3C | X | 0 | 0 | 0 | %100 |
| 154 | MP3C | Z | 2.831 | 2.831 | 0 | %100 |
| 155 | MP4C | X | 0 | 0 | 0 | %100 |
| 156 | MP4C | Z | 2.831 | 2.831 | 0 | %100 |
| 157 | MP5C | X | 0 | 0 | 0 | %100 |
| 158 | MP5C | Z | 2.831 | 2.831 | 0 | %100 |
| 159 | M116 | X | 0 | 0 | 0 | %100 |
| 160 | M116 | Z | 2.356 | 2.356 | 0 | %100 |
| 161 | M117 | X | 0 | 0 | 0 | %100 |
| 162 | M117 | Z | .782 | .782 | 0 | %100 |
| 163 | M118 | X | 0 | 0 | 0 | %100 |
| 164 | M118 | Z | .782 | .782 | 0 | %100 |
| 165 | M119 | X | 0 | 0 | 0 | %100 |
| 166 | M119 | Z | .782 | .782 | 0 | %100 |
| 167 | M120 | X | 0 | 0 | 0 | %100 |
| 168 | M120 | Z | .782 | .782 | 0 | %100 |
| 169 | M121 | X | 0 | 0 | 0 | %100 |
| 170 | M121 | Z | 2.123 | 2.123 | 0 | %100 |
| 171 | M122 | X | 0 | 0 | 0 | %100 |
| 172 | M122 | Z | 2.123 | 2.123 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 173 | M123 | X | 0 | 0 | 0 | %100 |
| 174 | M123 | Z | 2.123 | 2.123 | 0 | %100 |
| 175 | M124 | X | 0 | 0 | 0 | %100 |
| 176 | M124 | Z | 2.123 | 2.123 | 0 | %100 |
| 177 | M129 | X | 0 | 0 | 0 | %100 |
| 178 | M129 | Z | 2.831 | 2.831 | 0 | %100 |
| 179 | M130 | X | 0 | 0 | 0 | %100 |
| 180 | M130 | Z | 2.831 | 2.831 | 0 | %100 |
| 181 | M131 | X | 0 | 0 | 0 | %100 |
| 182 | M131 | Z | 1.043 | 1.043 | 0 | %100 |
| 183 | M132 | X | 0 | 0 | 0 | %100 |
| 184 | M132 | Z | 1.043 | 1.043 | 0 | %100 |
| 185 | M133 | X | 0 | 0 | 0 | %100 |
| 186 | M133 | Z | 1.043 | 1.043 | 0 | %100 |
| 187 | M134 | X | 0 | 0 | 0 | %100 |
| 188 | M134 | Z | 1.043 | 1.043 | 0 | %100 |
| 189 | M135 | X | 0 | 0 | 0 | %100 |
| 190 | M135 | Z | 1.043 | 1.043 | 0 | %100 |
| 191 | M136 | X | 0 | 0 | 0 | %100 |
| 192 | M136 | Z | 1.043 | 1.043 | 0 | %100 |
| 193 | M137 | X | 0 | 0 | 0 | %100 |
| 194 | M137 | Z | 1.043 | 1.043 | 0 | %100 |
| 195 | M138 | X | 0 | 0 | 0 | %100 |
| 196 | M138 | Z | 1.043 | 1.043 | 0 | %100 |
| 197 | M139 | X | 0 | 0 | 0 | %100 |
| 198 | M139 | Z | 1.043 | 1.043 | 0 | %100 |
| 199 | M140 | X | 0 | 0 | 0 | %100 |
| 200 | M140 | Z | 1.043 | 1.043 | 0 | %100 |
| 201 | M141 | X | 0 | 0 | 0 | %100 |
| 202 | M141 | Z | 1.043 | 1.043 | 0 | %100 |
| 203 | M142 | X | 0 | 0 | 0 | %100 |
| 204 | M142 | Z | 1.043 | 1.043 | 0 | %100 |
| 205 | M143 | X | 0 | 0 | 0 | %100 |
| 206 | M143 | Z | 2.047 | 2.047 | 0 | %100 |
| 207 | M144 | X | 0 | 0 | 0 | %100 |
| 208 | M144 | Z | 2.047 | 2.047 | 0 | %100 |
| 209 | M145 | X | 0 | 0 | 0 | %100 |
| 210 | M145 | Z | 2.047 | 2.047 | 0 | %100 |
| 211 | M146 | X | 0 | 0 | 0 | %100 |
| 212 | M146 | Z | 2.012 | 2.012 | 0 | %100 |
| 213 | M147 | X | 0 | 0 | 0 | %100 |
| 214 | M147 | Z | 2.016 | 2.016 | 0 | %100 |
| 215 | M148 | X | 0 | 0 | 0 | %100 |
| 216 | M148 | Z | 2.047 | 2.047 | 0 | %100 |
| 217 | M149 | X | 0 | 0 | 0 | %100 |
| 218 | M149 | Z | 2.047 | 2.047 | 0 | %100 |
| 219 | M150 | X | 0 | 0 | 0 | %100 |
| 220 | M150 | Z | 2.047 | 2.047 | 0 | %100 |
| 221 | M151 | X | 0 | 0 | 0 | %100 |
| 222 | M151 | Z | 2.012 | 2.012 | 0 | %100 |
| 223 | M152 | X | 0 | 0 | 0 | %100 |
| 224 | M152 | Z | 2.016 | 2.016 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 225 | M157 | X | 0 | 0 | 0 | %100 |
| 226 | M157 | Z | .783 | .783 | 0 | %100 |
| 227 | M158 | X | 0 | 0 | 0 | %100 |
| 228 | M158 | Z | .783 | .783 | 0 | %100 |
| 229 | MP1B | X | 0 | 0 | 0 | %100 |
| 230 | MP1B | Z | 2.831 | 2.831 | 0 | %100 |
| 231 | MP2B | X | 0 | 0 | 0 | %100 |
| 232 | MP2B | Z | 2.831 | 2.831 | 0 | %100 |
| 233 | MP3B | X | 0 | 0 | 0 | %100 |
| 234 | MP3B | Z | 2.831 | 2.831 | 0 | %100 |
| 235 | MP4B | X | 0 | 0 | 0 | %100 |
| 236 | MP4B | Z | 2.831 | 2.831 | 0 | %100 |
| 237 | MP5B | X | 0 | 0 | 0 | %100 |
| 238 | MP5B | Z | 2.831 | 2.831 | 0 | %100 |
| 239 | M174 | X | 0 | 0 | 0 | %100 |
| 240 | M174 | Z | .022 | .022 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | -.13 | -.13 | 0 | %100 |
| 2 | M1 | Z | .226 | .226 | 0 | %100 |
| 3 | M2 | X | -.13 | -.13 | 0 | %100 |
| 4 | M2 | Z | .226 | .226 | 0 | %100 |
| 5 | M3 | X | -.13 | -.13 | 0 | %100 |
| 6 | M3 | Z | .226 | .226 | 0 | %100 |
| 7 | M4 | X | -.13 | -.13 | 0 | %100 |
| 8 | M4 | Z | .226 | .226 | 0 | %100 |
| 9 | M5 | X | -.354 | -.354 | 0 | %100 |
| 10 | M5 | Z | .613 | .613 | 0 | %100 |
| 11 | M6 | X | -.354 | -.354 | 0 | %100 |
| 12 | M6 | Z | .613 | .613 | 0 | %100 |
| 13 | M7 | X | -.354 | -.354 | 0 | %100 |
| 14 | M7 | Z | .613 | .613 | 0 | %100 |
| 15 | M8 | X | -.354 | -.354 | 0 | %100 |
| 16 | M8 | Z | .613 | .613 | 0 | %100 |
| 17 | M13 | X | -1.415 | -1.415 | 0 | %100 |
| 18 | M13 | Z | 2.451 | 2.451 | 0 | %100 |
| 19 | M14 | X | -1.415 | -1.415 | 0 | %100 |
| 20 | M14 | Z | 2.451 | 2.451 | 0 | %100 |
| 21 | M16 | X | -.725 | -.725 | 0 | %100 |
| 22 | M16 | Z | 1.256 | 1.256 | 0 | %100 |
| 23 | M17 | X | -.725 | -.725 | 0 | %100 |
| 24 | M17 | Z | 1.256 | 1.256 | 0 | %100 |
| 25 | M18 | X | -.725 | -.725 | 0 | %100 |
| 26 | M18 | Z | 1.256 | 1.256 | 0 | %100 |
| 27 | M19 | X | -.725 | -.725 | 0 | %100 |
| 28 | M19 | Z | 1.256 | 1.256 | 0 | %100 |
| 29 | M20 | X | -.725 | -.725 | 0 | %100 |
| 30 | M20 | Z | 1.256 | 1.256 | 0 | %100 |
| 31 | M21 | X | -.725 | -.725 | 0 | %100 |
| 32 | M21 | Z | 1.256 | 1.256 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 33 | M24 | X | -.725 | -.725 | 0 | %100 |
| 34 | M24 | Z | 1.256 | 1.256 | 0 | %100 |
| 35 | M25 | X | -.725 | -.725 | 0 | %100 |
| 36 | M25 | Z | 1.256 | 1.256 | 0 | %100 |
| 37 | M26 | X | -.725 | -.725 | 0 | %100 |
| 38 | M26 | Z | 1.256 | 1.256 | 0 | %100 |
| 39 | M27 | X | -.725 | -.725 | 0 | %100 |
| 40 | M27 | Z | 1.256 | 1.256 | 0 | %100 |
| 41 | M28 | X | -.725 | -.725 | 0 | %100 |
| 42 | M28 | Z | 1.256 | 1.256 | 0 | %100 |
| 43 | M29 | X | -.725 | -.725 | 0 | %100 |
| 44 | M29 | Z | 1.256 | 1.256 | 0 | %100 |
| 45 | M32 | X | -1.024 | -1.024 | 0 | %100 |
| 46 | M32 | Z | 1.773 | 1.773 | 0 | %100 |
| 47 | M33 | X | -1.024 | -1.024 | 0 | %100 |
| 48 | M33 | Z | 1.773 | 1.773 | 0 | %100 |
| 49 | M34 | X | -1.024 | -1.024 | 0 | %100 |
| 50 | M34 | Z | 1.773 | 1.773 | 0 | %100 |
| 51 | M35 | X | -.764 | -.764 | 0 | %100 |
| 52 | M35 | Z | 1.323 | 1.323 | 0 | %100 |
| 53 | M36 | X | -.782 | -.782 | 0 | %100 |
| 54 | M36 | Z | 1.354 | 1.354 | 0 | %100 |
| 55 | M37 | X | -1.024 | -1.024 | 0 | %100 |
| 56 | M37 | Z | 1.773 | 1.773 | 0 | %100 |
| 57 | M38 | X | -1.024 | -1.024 | 0 | %100 |
| 58 | M38 | Z | 1.773 | 1.773 | 0 | %100 |
| 59 | M39 | X | -1.024 | -1.024 | 0 | %100 |
| 60 | M39 | Z | 1.773 | 1.773 | 0 | %100 |
| 61 | M40 | X | -.764 | -.764 | 0 | %100 |
| 62 | M40 | Z | 1.323 | 1.323 | 0 | %100 |
| 63 | M41 | X | -.782 | -.782 | 0 | %100 |
| 64 | M41 | Z | 1.354 | 1.354 | 0 | %100 |
| 65 | M41A | X | -1.174 | -1.174 | 0 | %100 |
| 66 | M41A | Z | 2.034 | 2.034 | 0 | %100 |
| 67 | FACE | X | -1.174 | -1.174 | 0 | %100 |
| 68 | FACE | Z | 2.034 | 2.034 | 0 | %100 |
| 69 | MP1A | X | -1.415 | -1.415 | 0 | %100 |
| 70 | MP1A | Z | 2.451 | 2.451 | 0 | %100 |
| 71 | MP2A | X | -1.415 | -1.415 | 0 | %100 |
| 72 | MP2A | Z | 2.451 | 2.451 | 0 | %100 |
| 73 | MP3A | X | -1.415 | -1.415 | 0 | %100 |
| 74 | MP3A | Z | 2.451 | 2.451 | 0 | %100 |
| 75 | MP4A | X | -1.415 | -1.415 | 0 | %100 |
| 76 | MP4A | Z | 2.451 | 2.451 | 0 | %100 |
| 77 | MP5A | X | -1.415 | -1.415 | 0 | %100 |
| 78 | MP5A | Z | 2.451 | 2.451 | 0 | %100 |
| 79 | M58 | X | -.284 | -.284 | 0 | %100 |
| 80 | M58 | Z | .491 | .491 | 0 | %100 |
| 81 | M59 | X | -.13 | -.13 | 0 | %100 |
| 82 | M59 | Z | .226 | .226 | 0 | %100 |
| 83 | M60 | X | -.13 | -.13 | 0 | %100 |
| 84 | M60 | Z | .226 | .226 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 85 | M61 | X | -.13 | -.13 | 0 | %100 |
| 86 | M61 | Z | .226 | .226 | 0 | %100 |
| 87 | M62 | X | -.13 | -.13 | 0 | %100 |
| 88 | M62 | Z | .226 | .226 | 0 | %100 |
| 89 | M63 | X | -.354 | -.354 | 0 | %100 |
| 90 | M63 | Z | .613 | .613 | 0 | %100 |
| 91 | M64 | X | -.354 | -.354 | 0 | %100 |
| 92 | M64 | Z | .613 | .613 | 0 | %100 |
| 93 | M65 | X | -.354 | -.354 | 0 | %100 |
| 94 | M65 | Z | .613 | .613 | 0 | %100 |
| 95 | M66 | X | -.354 | -.354 | 0 | %100 |
| 96 | M66 | Z | .613 | .613 | 0 | %100 |
| 97 | M71 | X | -1.415 | -1.415 | 0 | %100 |
| 98 | M71 | Z | 2.451 | 2.451 | 0 | %100 |
| 99 | M72 | X | -1.415 | -1.415 | 0 | %100 |
| 100 | M72 | Z | 2.451 | 2.451 | 0 | %100 |
| 101 | M73 | X | -.725 | -.725 | 0 | %100 |
| 102 | M73 | Z | 1.256 | 1.256 | 0 | %100 |
| 103 | M74 | X | -.725 | -.725 | 0 | %100 |
| 104 | M74 | Z | 1.256 | 1.256 | 0 | %100 |
| 105 | M75 | X | -.725 | -.725 | 0 | %100 |
| 106 | M75 | Z | 1.256 | 1.256 | 0 | %100 |
| 107 | M76 | X | -.725 | -.725 | 0 | %100 |
| 108 | M76 | Z | 1.256 | 1.256 | 0 | %100 |
| 109 | M77 | X | -.725 | -.725 | 0 | %100 |
| 110 | M77 | Z | 1.256 | 1.256 | 0 | %100 |
| 111 | M78 | X | -.725 | -.725 | 0 | %100 |
| 112 | M78 | Z | 1.256 | 1.256 | 0 | %100 |
| 113 | M79 | X | -.725 | -.725 | 0 | %100 |
| 114 | M79 | Z | 1.256 | 1.256 | 0 | %100 |
| 115 | M80 | X | -.725 | -.725 | 0 | %100 |
| 116 | M80 | Z | 1.256 | 1.256 | 0 | %100 |
| 117 | M81 | X | -.725 | -.725 | 0 | %100 |
| 118 | M81 | Z | 1.256 | 1.256 | 0 | %100 |
| 119 | M82 | X | -.725 | -.725 | 0 | %100 |
| 120 | M82 | Z | 1.256 | 1.256 | 0 | %100 |
| 121 | M83 | X | -.725 | -.725 | 0 | %100 |
| 122 | M83 | Z | 1.256 | 1.256 | 0 | %100 |
| 123 | M84 | X | -.725 | -.725 | 0 | %100 |
| 124 | M84 | Z | 1.256 | 1.256 | 0 | %100 |
| 125 | M85 | X | -1.024 | -1.024 | 0 | %100 |
| 126 | M85 | Z | 1.773 | 1.773 | 0 | %100 |
| 127 | M86 | X | -1.024 | -1.024 | 0 | %100 |
| 128 | M86 | Z | 1.773 | 1.773 | 0 | %100 |
| 129 | M87 | X | -1.024 | -1.024 | 0 | %100 |
| 130 | M87 | Z | 1.773 | 1.773 | 0 | %100 |
| 131 | M88 | X | -.764 | -.764 | 0 | %100 |
| 132 | M88 | Z | 1.323 | 1.323 | 0 | %100 |
| 133 | M89 | X | -.782 | -.782 | 0 | %100 |
| 134 | M89 | Z | 1.354 | 1.354 | 0 | %100 |
| 135 | M90 | X | -1.024 | -1.024 | 0 | %100 |
| 136 | M90 | Z | 1.773 | 1.773 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 137 | M91 | X | -1.024 | -1.024 | 0 | %100 |
| 138 | M91 | Z | 1.773 | 1.773 | 0 | %100 |
| 139 | M92 | X | -1.024 | -1.024 | 0 | %100 |
| 140 | M92 | Z | 1.773 | 1.773 | 0 | %100 |
| 141 | M93 | X | -.764 | -.764 | 0 | %100 |
| 142 | M93 | Z | 1.323 | 1.323 | 0 | %100 |
| 143 | M94 | X | -.782 | -.782 | 0 | %100 |
| 144 | M94 | Z | 1.354 | 1.354 | 0 | %100 |
| 145 | M99 | X | -1.174 | -1.174 | 0 | %100 |
| 146 | M99 | Z | 2.034 | 2.034 | 0 | %100 |
| 147 | M100 | X | -1.174 | -1.174 | 0 | %100 |
| 148 | M100 | Z | 2.034 | 2.034 | 0 | %100 |
| 149 | MP1C | X | -1.415 | -1.415 | 0 | %100 |
| 150 | MP1C | Z | 2.451 | 2.451 | 0 | %100 |
| 151 | MP2C | X | -1.415 | -1.415 | 0 | %100 |
| 152 | MP2C | Z | 2.451 | 2.451 | 0 | %100 |
| 153 | MP3C | X | -1.415 | -1.415 | 0 | %100 |
| 154 | MP3C | Z | 2.451 | 2.451 | 0 | %100 |
| 155 | MP4C | X | -1.415 | -1.415 | 0 | %100 |
| 156 | MP4C | Z | 2.451 | 2.451 | 0 | %100 |
| 157 | MP5C | X | -1.415 | -1.415 | 0 | %100 |
| 158 | MP5C | Z | 2.451 | 2.451 | 0 | %100 |
| 159 | M116 | X | -1.566 | -1.566 | 0 | %100 |
| 160 | M116 | Z | 2.712 | 2.712 | 0 | %100 |
| 161 | M117 | X | -.521 | -.521 | 0 | %100 |
| 162 | M117 | Z | .903 | .903 | 0 | %100 |
| 163 | M118 | X | -.521 | -.521 | 0 | %100 |
| 164 | M118 | Z | .903 | .903 | 0 | %100 |
| 165 | M119 | X | -.521 | -.521 | 0 | %100 |
| 166 | M119 | Z | .903 | .903 | 0 | %100 |
| 167 | M120 | X | -.521 | -.521 | 0 | %100 |
| 168 | M120 | Z | .903 | .903 | 0 | %100 |
| 169 | M121 | X | -1.415 | -1.415 | 0 | %100 |
| 170 | M121 | Z | 2.451 | 2.451 | 0 | %100 |
| 171 | M122 | X | -1.415 | -1.415 | 0 | %100 |
| 172 | M122 | Z | 2.451 | 2.451 | 0 | %100 |
| 173 | M123 | X | -1.415 | -1.415 | 0 | %100 |
| 174 | M123 | Z | 2.451 | 2.451 | 0 | %100 |
| 175 | M124 | X | -1.415 | -1.415 | 0 | %100 |
| 176 | M124 | Z | 2.451 | 2.451 | 0 | %100 |
| 177 | M129 | X | -1.415 | -1.415 | 0 | %100 |
| 178 | M129 | Z | 2.451 | 2.451 | 0 | %100 |
| 179 | M130 | X | -1.415 | -1.415 | 0 | %100 |
| 180 | M130 | Z | 2.451 | 2.451 | 0 | %100 |
| 181 | M131 | X | -.725 | -.725 | 0 | %100 |
| 182 | M131 | Z | 1.256 | 1.256 | 0 | %100 |
| 183 | M132 | X | -.725 | -.725 | 0 | %100 |
| 184 | M132 | Z | 1.256 | 1.256 | 0 | %100 |
| 185 | M133 | X | -.725 | -.725 | 0 | %100 |
| 186 | M133 | Z | 1.256 | 1.256 | 0 | %100 |
| 187 | M134 | X | -.725 | -.725 | 0 | %100 |
| 188 | M134 | Z | 1.256 | 1.256 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 189 | M135 | X | -.725 | -.725 | 0 | %100 |
| 190 | M135 | Z | 1.256 | 1.256 | 0 | %100 |
| 191 | M136 | X | -.725 | -.725 | 0 | %100 |
| 192 | M136 | Z | 1.256 | 1.256 | 0 | %100 |
| 193 | M137 | X | -.725 | -.725 | 0 | %100 |
| 194 | M137 | Z | 1.256 | 1.256 | 0 | %100 |
| 195 | M138 | X | -.725 | -.725 | 0 | %100 |
| 196 | M138 | Z | 1.256 | 1.256 | 0 | %100 |
| 197 | M139 | X | -.725 | -.725 | 0 | %100 |
| 198 | M139 | Z | 1.256 | 1.256 | 0 | %100 |
| 199 | M140 | X | -.725 | -.725 | 0 | %100 |
| 200 | M140 | Z | 1.256 | 1.256 | 0 | %100 |
| 201 | M141 | X | -.725 | -.725 | 0 | %100 |
| 202 | M141 | Z | 1.256 | 1.256 | 0 | %100 |
| 203 | M142 | X | -.725 | -.725 | 0 | %100 |
| 204 | M142 | Z | 1.256 | 1.256 | 0 | %100 |
| 205 | M143 | X | -1.024 | -1.024 | 0 | %100 |
| 206 | M143 | Z | 1.773 | 1.773 | 0 | %100 |
| 207 | M144 | X | -1.024 | -1.024 | 0 | %100 |
| 208 | M144 | Z | 1.773 | 1.773 | 0 | %100 |
| 209 | M145 | X | -1.024 | -1.024 | 0 | %100 |
| 210 | M145 | Z | 1.773 | 1.773 | 0 | %100 |
| 211 | M146 | X | -1.127 | -1.127 | 0 | %100 |
| 212 | M146 | Z | 1.952 | 1.952 | 0 | %100 |
| 213 | M147 | X | -1.121 | -1.121 | 0 | %100 |
| 214 | M147 | Z | 1.942 | 1.942 | 0 | %100 |
| 215 | M148 | X | -1.024 | -1.024 | 0 | %100 |
| 216 | M148 | Z | 1.773 | 1.773 | 0 | %100 |
| 217 | M149 | X | -1.024 | -1.024 | 0 | %100 |
| 218 | M149 | Z | 1.773 | 1.773 | 0 | %100 |
| 219 | M150 | X | -1.024 | -1.024 | 0 | %100 |
| 220 | M150 | Z | 1.773 | 1.773 | 0 | %100 |
| 221 | M151 | X | -1.127 | -1.127 | 0 | %100 |
| 222 | M151 | Z | 1.952 | 1.952 | 0 | %100 |
| 223 | M152 | X | -1.121 | -1.121 | 0 | %100 |
| 224 | M152 | Z | 1.942 | 1.942 | 0 | %100 |
| 225 | M157 | X | 0 | 0 | 0 | %100 |
| 226 | M157 | Z | 0 | 0 | 0 | %100 |
| 227 | M158 | X | 0 | 0 | 0 | %100 |
| 228 | M158 | Z | 0 | 0 | 0 | %100 |
| 229 | MP1B | X | -1.415 | -1.415 | 0 | %100 |
| 230 | MP1B | Z | 2.451 | 2.451 | 0 | %100 |
| 231 | MP2B | X | -1.415 | -1.415 | 0 | %100 |
| 232 | MP2B | Z | 2.451 | 2.451 | 0 | %100 |
| 233 | MP3B | X | -1.415 | -1.415 | 0 | %100 |
| 234 | MP3B | Z | 2.451 | 2.451 | 0 | %100 |
| 235 | MP4B | X | -1.415 | -1.415 | 0 | %100 |
| 236 | MP4B | Z | 2.451 | 2.451 | 0 | %100 |
| 237 | MP5B | X | -1.415 | -1.415 | 0 | %100 |
| 238 | MP5B | Z | 2.451 | 2.451 | 0 | %100 |
| 239 | M174 | X | -.51 | -.51 | 0 | %100 |
| 240 | M174 | Z | .884 | .884 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | -.677 | -.677 | 0 | %100 |
| 2 | M1 | Z | .391 | .391 | 0 | %100 |
| 3 | M2 | X | -.677 | -.677 | 0 | %100 |
| 4 | M2 | Z | .391 | .391 | 0 | %100 |
| 5 | M3 | X | -.677 | -.677 | 0 | %100 |
| 6 | M3 | Z | .391 | .391 | 0 | %100 |
| 7 | M4 | X | -.677 | -.677 | 0 | %100 |
| 8 | M4 | Z | .391 | .391 | 0 | %100 |
| 9 | M5 | X | -1.839 | -1.839 | 0 | %100 |
| 10 | M5 | Z | 1.062 | 1.062 | 0 | %100 |
| 11 | M6 | X | -1.839 | -1.839 | 0 | %100 |
| 12 | M6 | Z | 1.062 | 1.062 | 0 | %100 |
| 13 | M7 | X | -1.839 | -1.839 | 0 | %100 |
| 14 | M7 | Z | 1.062 | 1.062 | 0 | %100 |
| 15 | M8 | X | -1.839 | -1.839 | 0 | %100 |
| 16 | M8 | Z | 1.062 | 1.062 | 0 | %100 |
| 17 | M13 | X | -2.451 | -2.451 | 0 | %100 |
| 18 | M13 | Z | 1.415 | 1.415 | 0 | %100 |
| 19 | M14 | X | -2.451 | -2.451 | 0 | %100 |
| 20 | M14 | Z | 1.415 | 1.415 | 0 | %100 |
| 21 | M16 | X | -1.961 | -1.961 | 0 | %100 |
| 22 | M16 | Z | 1.132 | 1.132 | 0 | %100 |
| 23 | M17 | X | -1.961 | -1.961 | 0 | %100 |
| 24 | M17 | Z | 1.132 | 1.132 | 0 | %100 |
| 25 | M18 | X | -1.961 | -1.961 | 0 | %100 |
| 26 | M18 | Z | 1.132 | 1.132 | 0 | %100 |
| 27 | M19 | X | -1.961 | -1.961 | 0 | %100 |
| 28 | M19 | Z | 1.132 | 1.132 | 0 | %100 |
| 29 | M20 | X | -1.961 | -1.961 | 0 | %100 |
| 30 | M20 | Z | 1.132 | 1.132 | 0 | %100 |
| 31 | M21 | X | -1.961 | -1.961 | 0 | %100 |
| 32 | M21 | Z | 1.132 | 1.132 | 0 | %100 |
| 33 | M24 | X | -1.961 | -1.961 | 0 | %100 |
| 34 | M24 | Z | 1.132 | 1.132 | 0 | %100 |
| 35 | M25 | X | -1.961 | -1.961 | 0 | %100 |
| 36 | M25 | Z | 1.132 | 1.132 | 0 | %100 |
| 37 | M26 | X | -1.961 | -1.961 | 0 | %100 |
| 38 | M26 | Z | 1.132 | 1.132 | 0 | %100 |
| 39 | M27 | X | -1.961 | -1.961 | 0 | %100 |
| 40 | M27 | Z | 1.132 | 1.132 | 0 | %100 |
| 41 | M28 | X | -1.961 | -1.961 | 0 | %100 |
| 42 | M28 | Z | 1.132 | 1.132 | 0 | %100 |
| 43 | M29 | X | -1.961 | -1.961 | 0 | %100 |
| 44 | M29 | Z | 1.132 | 1.132 | 0 | %100 |
| 45 | M32 | X | -1.773 | -1.773 | 0 | %100 |
| 46 | M32 | Z | 1.024 | 1.024 | 0 | %100 |
| 47 | M33 | X | -1.773 | -1.773 | 0 | %100 |
| 48 | M33 | Z | 1.024 | 1.024 | 0 | %100 |
| 49 | M34 | X | -1.773 | -1.773 | 0 | %100 |
| 50 | M34 | Z | 1.024 | 1.024 | 0 | %100 |
| 51 | M35 | X | -1.742 | -1.742 | 0 | %100 |
| 52 | M35 | Z | 1.006 | 1.006 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 53 | M36 | X | -1.746 | -1.746 | 0 | %100 |
| 54 | M36 | Z | 1.008 | 1.008 | 0 | %100 |
| 55 | M37 | X | -1.773 | -1.773 | 0 | %100 |
| 56 | M37 | Z | 1.024 | 1.024 | 0 | %100 |
| 57 | M38 | X | -1.773 | -1.773 | 0 | %100 |
| 58 | M38 | Z | 1.024 | 1.024 | 0 | %100 |
| 59 | M39 | X | -1.773 | -1.773 | 0 | %100 |
| 60 | M39 | Z | 1.024 | 1.024 | 0 | %100 |
| 61 | M40 | X | -1.742 | -1.742 | 0 | %100 |
| 62 | M40 | Z | 1.006 | 1.006 | 0 | %100 |
| 63 | M41 | X | -1.746 | -1.746 | 0 | %100 |
| 64 | M41 | Z | 1.008 | 1.008 | 0 | %100 |
| 65 | M41A | X | -.678 | -.678 | 0 | %100 |
| 66 | M41A | Z | .391 | .391 | 0 | %100 |
| 67 | FACE | X | -.678 | -.678 | 0 | %100 |
| 68 | FACE | Z | .391 | .391 | 0 | %100 |
| 69 | MP1A | X | -2.451 | -2.451 | 0 | %100 |
| 70 | MP1A | Z | 1.415 | 1.415 | 0 | %100 |
| 71 | MP2A | X | -2.451 | -2.451 | 0 | %100 |
| 72 | MP2A | Z | 1.415 | 1.415 | 0 | %100 |
| 73 | MP3A | X | -2.451 | -2.451 | 0 | %100 |
| 74 | MP3A | Z | 1.415 | 1.415 | 0 | %100 |
| 75 | MP4A | X | -2.451 | -2.451 | 0 | %100 |
| 76 | MP4A | Z | 1.415 | 1.415 | 0 | %100 |
| 77 | MP5A | X | -2.451 | -2.451 | 0 | %100 |
| 78 | MP5A | Z | 1.415 | 1.415 | 0 | %100 |
| 79 | M58 | X | -.019 | -.019 | 0 | %100 |
| 80 | M58 | Z | .011 | .011 | 0 | %100 |
| 81 | M59 | X | 0 | 0 | 0 | %100 |
| 82 | M59 | Z | 0 | 0 | 0 | %100 |
| 83 | M60 | X | 0 | 0 | 0 | %100 |
| 84 | M60 | Z | 0 | 0 | 0 | %100 |
| 85 | M61 | X | 0 | 0 | 0 | %100 |
| 86 | M61 | Z | 0 | 0 | 0 | %100 |
| 87 | M62 | X | 0 | 0 | 0 | %100 |
| 88 | M62 | Z | 0 | 0 | 0 | %100 |
| 89 | M63 | X | 0 | 0 | 0 | %100 |
| 90 | M63 | Z | 0 | 0 | 0 | %100 |
| 91 | M64 | X | 0 | 0 | 0 | %100 |
| 92 | M64 | Z | 0 | 0 | 0 | %100 |
| 93 | M65 | X | 0 | 0 | 0 | %100 |
| 94 | M65 | Z | 0 | 0 | 0 | %100 |
| 95 | M66 | X | 0 | 0 | 0 | %100 |
| 96 | M66 | Z | 0 | 0 | 0 | %100 |
| 97 | M71 | X | -2.451 | -2.451 | 0 | %100 |
| 98 | M71 | Z | 1.415 | 1.415 | 0 | %100 |
| 99 | M72 | X | -2.451 | -2.451 | 0 | %100 |
| 100 | M72 | Z | 1.415 | 1.415 | 0 | %100 |
| 101 | M73 | X | -1.961 | -1.961 | 0 | %100 |
| 102 | M73 | Z | 1.132 | 1.132 | 0 | %100 |
| 103 | M74 | X | -1.961 | -1.961 | 0 | %100 |
| 104 | M74 | Z | 1.132 | 1.132 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 105 | M75 | X | -1.961 | -1.961 | 0 | %100 |
| 106 | M75 | Z | 1.132 | 1.132 | 0 | %100 |
| 107 | M76 | X | -1.961 | -1.961 | 0 | %100 |
| 108 | M76 | Z | 1.132 | 1.132 | 0 | %100 |
| 109 | M77 | X | -1.961 | -1.961 | 0 | %100 |
| 110 | M77 | Z | 1.132 | 1.132 | 0 | %100 |
| 111 | M78 | X | -1.961 | -1.961 | 0 | %100 |
| 112 | M78 | Z | 1.132 | 1.132 | 0 | %100 |
| 113 | M79 | X | -1.961 | -1.961 | 0 | %100 |
| 114 | M79 | Z | 1.132 | 1.132 | 0 | %100 |
| 115 | M80 | X | -1.961 | -1.961 | 0 | %100 |
| 116 | M80 | Z | 1.132 | 1.132 | 0 | %100 |
| 117 | M81 | X | -1.961 | -1.961 | 0 | %100 |
| 118 | M81 | Z | 1.132 | 1.132 | 0 | %100 |
| 119 | M82 | X | -1.961 | -1.961 | 0 | %100 |
| 120 | M82 | Z | 1.132 | 1.132 | 0 | %100 |
| 121 | M83 | X | -1.961 | -1.961 | 0 | %100 |
| 122 | M83 | Z | 1.132 | 1.132 | 0 | %100 |
| 123 | M84 | X | -1.961 | -1.961 | 0 | %100 |
| 124 | M84 | Z | 1.132 | 1.132 | 0 | %100 |
| 125 | M85 | X | -1.773 | -1.773 | 0 | %100 |
| 126 | M85 | Z | 1.024 | 1.024 | 0 | %100 |
| 127 | M86 | X | -1.773 | -1.773 | 0 | %100 |
| 128 | M86 | Z | 1.024 | 1.024 | 0 | %100 |
| 129 | M87 | X | -1.773 | -1.773 | 0 | %100 |
| 130 | M87 | Z | 1.024 | 1.024 | 0 | %100 |
| 131 | M88 | X | -1.114 | -1.114 | 0 | %100 |
| 132 | M88 | Z | .643 | .643 | 0 | %100 |
| 133 | M89 | X | -1.157 | -1.157 | 0 | %100 |
| 134 | M89 | Z | .668 | .668 | 0 | %100 |
| 135 | M90 | X | -1.773 | -1.773 | 0 | %100 |
| 136 | M90 | Z | 1.024 | 1.024 | 0 | %100 |
| 137 | M91 | X | -1.773 | -1.773 | 0 | %100 |
| 138 | M91 | Z | 1.024 | 1.024 | 0 | %100 |
| 139 | M92 | X | -1.773 | -1.773 | 0 | %100 |
| 140 | M92 | Z | 1.024 | 1.024 | 0 | %100 |
| 141 | M93 | X | -1.114 | -1.114 | 0 | %100 |
| 142 | M93 | Z | .643 | .643 | 0 | %100 |
| 143 | M94 | X | -1.157 | -1.157 | 0 | %100 |
| 144 | M94 | Z | .668 | .668 | 0 | %100 |
| 145 | M99 | X | -2.712 | -2.712 | 0 | %100 |
| 146 | M99 | Z | 1.566 | 1.566 | 0 | %100 |
| 147 | M100 | X | -2.712 | -2.712 | 0 | %100 |
| 148 | M100 | Z | 1.566 | 1.566 | 0 | %100 |
| 149 | MP1C | X | -2.451 | -2.451 | 0 | %100 |
| 150 | MP1C | Z | 1.415 | 1.415 | 0 | %100 |
| 151 | MP2C | X | -2.451 | -2.451 | 0 | %100 |
| 152 | MP2C | Z | 1.415 | 1.415 | 0 | %100 |
| 153 | MP3C | X | -2.451 | -2.451 | 0 | %100 |
| 154 | MP3C | Z | 1.415 | 1.415 | 0 | %100 |
| 155 | MP4C | X | -2.451 | -2.451 | 0 | %100 |
| 156 | MP4C | Z | 1.415 | 1.415 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 157 | MP5C | X | -2.451 | -2.451 | 0 | %100 |
| 158 | MP5C | Z | 1.415 | 1.415 | 0 | %100 |
| 159 | M116 | X | -2.028 | -2.028 | 0 | %100 |
| 160 | M116 | Z | 1.171 | 1.171 | 0 | %100 |
| 161 | M117 | X | -.677 | -.677 | 0 | %100 |
| 162 | M117 | Z | .391 | .391 | 0 | %100 |
| 163 | M118 | X | -.677 | -.677 | 0 | %100 |
| 164 | M118 | Z | .391 | .391 | 0 | %100 |
| 165 | M119 | X | -.677 | -.677 | 0 | %100 |
| 166 | M119 | Z | .391 | .391 | 0 | %100 |
| 167 | M120 | X | -.677 | -.677 | 0 | %100 |
| 168 | M120 | Z | .391 | .391 | 0 | %100 |
| 169 | M121 | X | -1.839 | -1.839 | 0 | %100 |
| 170 | M121 | Z | 1.062 | 1.062 | 0 | %100 |
| 171 | M122 | X | -1.839 | -1.839 | 0 | %100 |
| 172 | M122 | Z | 1.062 | 1.062 | 0 | %100 |
| 173 | M123 | X | -1.839 | -1.839 | 0 | %100 |
| 174 | M123 | Z | 1.062 | 1.062 | 0 | %100 |
| 175 | M124 | X | -1.839 | -1.839 | 0 | %100 |
| 176 | M124 | Z | 1.062 | 1.062 | 0 | %100 |
| 177 | M129 | X | -2.451 | -2.451 | 0 | %100 |
| 178 | M129 | Z | 1.415 | 1.415 | 0 | %100 |
| 179 | M130 | X | -2.451 | -2.451 | 0 | %100 |
| 180 | M130 | Z | 1.415 | 1.415 | 0 | %100 |
| 181 | M131 | X | -1.961 | -1.961 | 0 | %100 |
| 182 | M131 | Z | 1.132 | 1.132 | 0 | %100 |
| 183 | M132 | X | -1.961 | -1.961 | 0 | %100 |
| 184 | M132 | Z | 1.132 | 1.132 | 0 | %100 |
| 185 | M133 | X | -1.961 | -1.961 | 0 | %100 |
| 186 | M133 | Z | 1.132 | 1.132 | 0 | %100 |
| 187 | M134 | X | -1.961 | -1.961 | 0 | %100 |
| 188 | M134 | Z | 1.132 | 1.132 | 0 | %100 |
| 189 | M135 | X | -1.961 | -1.961 | 0 | %100 |
| 190 | M135 | Z | 1.132 | 1.132 | 0 | %100 |
| 191 | M136 | X | -1.961 | -1.961 | 0 | %100 |
| 192 | M136 | Z | 1.132 | 1.132 | 0 | %100 |
| 193 | M137 | X | -1.961 | -1.961 | 0 | %100 |
| 194 | M137 | Z | 1.132 | 1.132 | 0 | %100 |
| 195 | M138 | X | -1.961 | -1.961 | 0 | %100 |
| 196 | M138 | Z | 1.132 | 1.132 | 0 | %100 |
| 197 | M139 | X | -1.961 | -1.961 | 0 | %100 |
| 198 | M139 | Z | 1.132 | 1.132 | 0 | %100 |
| 199 | M140 | X | -1.961 | -1.961 | 0 | %100 |
| 200 | M140 | Z | 1.132 | 1.132 | 0 | %100 |
| 201 | M141 | X | -1.961 | -1.961 | 0 | %100 |
| 202 | M141 | Z | 1.132 | 1.132 | 0 | %100 |
| 203 | M142 | X | -1.961 | -1.961 | 0 | %100 |
| 204 | M142 | Z | 1.132 | 1.132 | 0 | %100 |
| 205 | M143 | X | -1.773 | -1.773 | 0 | %100 |
| 206 | M143 | Z | 1.024 | 1.024 | 0 | %100 |
| 207 | M144 | X | -1.773 | -1.773 | 0 | %100 |
| 208 | M144 | Z | 1.024 | 1.024 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 209 | M145 | X | -1.773 | -1.773 | 0 | %100 |
| 210 | M145 | Z | 1.024 | 1.024 | 0 | %100 |
| 211 | M146 | X | -1.742 | -1.742 | 0 | %100 |
| 212 | M146 | Z | 1.006 | 1.006 | 0 | %100 |
| 213 | M147 | X | -1.746 | -1.746 | 0 | %100 |
| 214 | M147 | Z | 1.008 | 1.008 | 0 | %100 |
| 215 | M148 | X | -1.773 | -1.773 | 0 | %100 |
| 216 | M148 | Z | 1.024 | 1.024 | 0 | %100 |
| 217 | M149 | X | -1.773 | -1.773 | 0 | %100 |
| 218 | M149 | Z | 1.024 | 1.024 | 0 | %100 |
| 219 | M150 | X | -1.773 | -1.773 | 0 | %100 |
| 220 | M150 | Z | 1.024 | 1.024 | 0 | %100 |
| 221 | M151 | X | -1.742 | -1.742 | 0 | %100 |
| 222 | M151 | Z | 1.006 | 1.006 | 0 | %100 |
| 223 | M152 | X | -1.746 | -1.746 | 0 | %100 |
| 224 | M152 | Z | 1.008 | 1.008 | 0 | %100 |
| 225 | M157 | X | -.678 | -.678 | 0 | %100 |
| 226 | M157 | Z | .391 | .391 | 0 | %100 |
| 227 | M158 | X | -.678 | -.678 | 0 | %100 |
| 228 | M158 | Z | .391 | .391 | 0 | %100 |
| 229 | MP1B | X | -2.451 | -2.451 | 0 | %100 |
| 230 | MP1B | Z | 1.415 | 1.415 | 0 | %100 |
| 231 | MP2B | X | -2.451 | -2.451 | 0 | %100 |
| 232 | MP2B | Z | 1.415 | 1.415 | 0 | %100 |
| 233 | MP3B | X | -2.451 | -2.451 | 0 | %100 |
| 234 | MP3B | Z | 1.415 | 1.415 | 0 | %100 |
| 235 | MP4B | X | -2.451 | -2.451 | 0 | %100 |
| 236 | MP4B | Z | 1.415 | 1.415 | 0 | %100 |
| 237 | MP5B | X | -2.451 | -2.451 | 0 | %100 |
| 238 | MP5B | Z | 1.415 | 1.415 | 0 | %100 |
| 239 | M174 | X | -2.221 | -2.221 | 0 | %100 |
| 240 | M174 | Z | 1.282 | 1.282 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | -1.043 | -1.043 | 0 | %100 |
| 2 | M1 | Z | 0 | 0 | 0 | %100 |
| 3 | M2 | X | -1.043 | -1.043 | 0 | %100 |
| 4 | M2 | Z | 0 | 0 | 0 | %100 |
| 5 | M3 | X | -1.043 | -1.043 | 0 | %100 |
| 6 | M3 | Z | 0 | 0 | 0 | %100 |
| 7 | M4 | X | -1.043 | -1.043 | 0 | %100 |
| 8 | M4 | Z | 0 | 0 | 0 | %100 |
| 9 | M5 | X | -2.831 | -2.831 | 0 | %100 |
| 10 | M5 | Z | 0 | 0 | 0 | %100 |
| 11 | M6 | X | -2.831 | -2.831 | 0 | %100 |
| 12 | M6 | Z | 0 | 0 | 0 | %100 |
| 13 | M7 | X | -2.831 | -2.831 | 0 | %100 |
| 14 | M7 | Z | 0 | 0 | 0 | %100 |
| 15 | M8 | X | -2.831 | -2.831 | 0 | %100 |
| 16 | M8 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 17 | M13 | X | -2.831 | -2.831 | 0 | %100 |
| 18 | M13 | Z | 0 | 0 | 0 | %100 |
| 19 | M14 | X | -2.831 | -2.831 | 0 | %100 |
| 20 | M14 | Z | 0 | 0 | 0 | %100 |
| 21 | M16 | X | -2.671 | -2.671 | 0 | %100 |
| 22 | M16 | Z | 0 | 0 | 0 | %100 |
| 23 | M17 | X | -2.671 | -2.671 | 0 | %100 |
| 24 | M17 | Z | 0 | 0 | 0 | %100 |
| 25 | M18 | X | -2.671 | -2.671 | 0 | %100 |
| 26 | M18 | Z | 0 | 0 | 0 | %100 |
| 27 | M19 | X | -2.671 | -2.671 | 0 | %100 |
| 28 | M19 | Z | 0 | 0 | 0 | %100 |
| 29 | M20 | X | -2.671 | -2.671 | 0 | %100 |
| 30 | M20 | Z | 0 | 0 | 0 | %100 |
| 31 | M21 | X | -2.671 | -2.671 | 0 | %100 |
| 32 | M21 | Z | 0 | 0 | 0 | %100 |
| 33 | M24 | X | -2.671 | -2.671 | 0 | %100 |
| 34 | M24 | Z | 0 | 0 | 0 | %100 |
| 35 | M25 | X | -2.671 | -2.671 | 0 | %100 |
| 36 | M25 | Z | 0 | 0 | 0 | %100 |
| 37 | M26 | X | -2.671 | -2.671 | 0 | %100 |
| 38 | M26 | Z | 0 | 0 | 0 | %100 |
| 39 | M27 | X | -2.671 | -2.671 | 0 | %100 |
| 40 | M27 | Z | 0 | 0 | 0 | %100 |
| 41 | M28 | X | -2.671 | -2.671 | 0 | %100 |
| 42 | M28 | Z | 0 | 0 | 0 | %100 |
| 43 | M29 | X | -2.671 | -2.671 | 0 | %100 |
| 44 | M29 | Z | 0 | 0 | 0 | %100 |
| 45 | M32 | X | -2.047 | -2.047 | 0 | %100 |
| 46 | M32 | Z | 0 | 0 | 0 | %100 |
| 47 | M33 | X | -2.047 | -2.047 | 0 | %100 |
| 48 | M33 | Z | 0 | 0 | 0 | %100 |
| 49 | M34 | X | -2.047 | -2.047 | 0 | %100 |
| 50 | M34 | Z | 0 | 0 | 0 | %100 |
| 51 | M35 | X | -2.254 | -2.254 | 0 | %100 |
| 52 | M35 | Z | 0 | 0 | 0 | %100 |
| 53 | M36 | X | -2.243 | -2.243 | 0 | %100 |
| 54 | M36 | Z | 0 | 0 | 0 | %100 |
| 55 | M37 | X | -2.047 | -2.047 | 0 | %100 |
| 56 | M37 | Z | 0 | 0 | 0 | %100 |
| 57 | M38 | X | -2.047 | -2.047 | 0 | %100 |
| 58 | M38 | Z | 0 | 0 | 0 | %100 |
| 59 | M39 | X | -2.047 | -2.047 | 0 | %100 |
| 60 | M39 | Z | 0 | 0 | 0 | %100 |
| 61 | M40 | X | -2.254 | -2.254 | 0 | %100 |
| 62 | M40 | Z | 0 | 0 | 0 | %100 |
| 63 | M41 | X | -2.243 | -2.243 | 0 | %100 |
| 64 | M41 | Z | 0 | 0 | 0 | %100 |
| 65 | M41A | X | 0 | 0 | 0 | %100 |
| 66 | M41A | Z | 0 | 0 | 0 | %100 |
| 67 | FACE | X | 0 | 0 | 0 | %100 |
| 68 | FACE | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 69 | MP1A | X | -2.831 | -2.831 | 0 | %100 |
| 70 | MP1A | Z | 0 | 0 | 0 | %100 |
| 71 | MP2A | X | -2.831 | -2.831 | 0 | %100 |
| 72 | MP2A | Z | 0 | 0 | 0 | %100 |
| 73 | MP3A | X | -2.831 | -2.831 | 0 | %100 |
| 74 | MP3A | Z | 0 | 0 | 0 | %100 |
| 75 | MP4A | X | -2.831 | -2.831 | 0 | %100 |
| 76 | MP4A | Z | 0 | 0 | 0 | %100 |
| 77 | MP5A | X | -2.831 | -2.831 | 0 | %100 |
| 78 | MP5A | Z | 0 | 0 | 0 | %100 |
| 79 | M58 | X | -1.021 | -1.021 | 0 | %100 |
| 80 | M58 | Z | 0 | 0 | 0 | %100 |
| 81 | M59 | X | -.261 | -.261 | 0 | %100 |
| 82 | M59 | Z | 0 | 0 | 0 | %100 |
| 83 | M60 | X | -.261 | -.261 | 0 | %100 |
| 84 | M60 | Z | 0 | 0 | 0 | %100 |
| 85 | M61 | X | -.261 | -.261 | 0 | %100 |
| 86 | M61 | Z | 0 | 0 | 0 | %100 |
| 87 | M62 | X | -.261 | -.261 | 0 | %100 |
| 88 | M62 | Z | 0 | 0 | 0 | %100 |
| 89 | M63 | X | -.708 | -.708 | 0 | %100 |
| 90 | M63 | Z | 0 | 0 | 0 | %100 |
| 91 | M64 | X | -.708 | -.708 | 0 | %100 |
| 92 | M64 | Z | 0 | 0 | 0 | %100 |
| 93 | M65 | X | -.708 | -.708 | 0 | %100 |
| 94 | M65 | Z | 0 | 0 | 0 | %100 |
| 95 | M66 | X | -.708 | -.708 | 0 | %100 |
| 96 | M66 | Z | 0 | 0 | 0 | %100 |
| 97 | M71 | X | -2.831 | -2.831 | 0 | %100 |
| 98 | M71 | Z | 0 | 0 | 0 | %100 |
| 99 | M72 | X | -2.831 | -2.831 | 0 | %100 |
| 100 | M72 | Z | 0 | 0 | 0 | %100 |
| 101 | M73 | X | -2.671 | -2.671 | 0 | %100 |
| 102 | M73 | Z | 0 | 0 | 0 | %100 |
| 103 | M74 | X | -2.671 | -2.671 | 0 | %100 |
| 104 | M74 | Z | 0 | 0 | 0 | %100 |
| 105 | M75 | X | -2.671 | -2.671 | 0 | %100 |
| 106 | M75 | Z | 0 | 0 | 0 | %100 |
| 107 | M76 | X | -2.671 | -2.671 | 0 | %100 |
| 108 | M76 | Z | 0 | 0 | 0 | %100 |
| 109 | M77 | X | -2.671 | -2.671 | 0 | %100 |
| 110 | M77 | Z | 0 | 0 | 0 | %100 |
| 111 | M78 | X | -2.671 | -2.671 | 0 | %100 |
| 112 | M78 | Z | 0 | 0 | 0 | %100 |
| 113 | M79 | X | -2.671 | -2.671 | 0 | %100 |
| 114 | M79 | Z | 0 | 0 | 0 | %100 |
| 115 | M80 | X | -2.671 | -2.671 | 0 | %100 |
| 116 | M80 | Z | 0 | 0 | 0 | %100 |
| 117 | M81 | X | -2.671 | -2.671 | 0 | %100 |
| 118 | M81 | Z | 0 | 0 | 0 | %100 |
| 119 | M82 | X | -2.671 | -2.671 | 0 | %100 |
| 120 | M82 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 121 | M83 | X | -2.671 | -2.671 | 0 | %100 |
| 122 | M83 | Z | 0 | 0 | 0 | %100 |
| 123 | M84 | X | -2.671 | -2.671 | 0 | %100 |
| 124 | M84 | Z | 0 | 0 | 0 | %100 |
| 125 | M85 | X | -2.047 | -2.047 | 0 | %100 |
| 126 | M85 | Z | 0 | 0 | 0 | %100 |
| 127 | M86 | X | -2.047 | -2.047 | 0 | %100 |
| 128 | M86 | Z | 0 | 0 | 0 | %100 |
| 129 | M87 | X | -2.047 | -2.047 | 0 | %100 |
| 130 | M87 | Z | 0 | 0 | 0 | %100 |
| 131 | M88 | X | -1.528 | -1.528 | 0 | %100 |
| 132 | M88 | Z | 0 | 0 | 0 | %100 |
| 133 | M89 | X | -1.563 | -1.563 | 0 | %100 |
| 134 | M89 | Z | 0 | 0 | 0 | %100 |
| 135 | M90 | X | -2.047 | -2.047 | 0 | %100 |
| 136 | M90 | Z | 0 | 0 | 0 | %100 |
| 137 | M91 | X | -2.047 | -2.047 | 0 | %100 |
| 138 | M91 | Z | 0 | 0 | 0 | %100 |
| 139 | M92 | X | -2.047 | -2.047 | 0 | %100 |
| 140 | M92 | Z | 0 | 0 | 0 | %100 |
| 141 | M93 | X | -1.528 | -1.528 | 0 | %100 |
| 142 | M93 | Z | 0 | 0 | 0 | %100 |
| 143 | M94 | X | -1.563 | -1.563 | 0 | %100 |
| 144 | M94 | Z | 0 | 0 | 0 | %100 |
| 145 | M99 | X | -2.349 | -2.349 | 0 | %100 |
| 146 | M99 | Z | 0 | 0 | 0 | %100 |
| 147 | M100 | X | -2.349 | -2.349 | 0 | %100 |
| 148 | M100 | Z | 0 | 0 | 0 | %100 |
| 149 | MP1C | X | -2.831 | -2.831 | 0 | %100 |
| 150 | MP1C | Z | 0 | 0 | 0 | %100 |
| 151 | MP2C | X | -2.831 | -2.831 | 0 | %100 |
| 152 | MP2C | Z | 0 | 0 | 0 | %100 |
| 153 | MP3C | X | -2.831 | -2.831 | 0 | %100 |
| 154 | MP3C | Z | 0 | 0 | 0 | %100 |
| 155 | MP4C | X | -2.831 | -2.831 | 0 | %100 |
| 156 | MP4C | Z | 0 | 0 | 0 | %100 |
| 157 | MP5C | X | -2.831 | -2.831 | 0 | %100 |
| 158 | MP5C | Z | 0 | 0 | 0 | %100 |
| 159 | M116 | X | -.776 | -.776 | 0 | %100 |
| 160 | M116 | Z | 0 | 0 | 0 | %100 |
| 161 | M117 | X | -.261 | -.261 | 0 | %100 |
| 162 | M117 | Z | 0 | 0 | 0 | %100 |
| 163 | M118 | X | -.261 | -.261 | 0 | %100 |
| 164 | M118 | Z | 0 | 0 | 0 | %100 |
| 165 | M119 | X | -.261 | -.261 | 0 | %100 |
| 166 | M119 | Z | 0 | 0 | 0 | %100 |
| 167 | M120 | X | -.261 | -.261 | 0 | %100 |
| 168 | M120 | Z | 0 | 0 | 0 | %100 |
| 169 | M121 | X | -.708 | -.708 | 0 | %100 |
| 170 | M121 | Z | 0 | 0 | 0 | %100 |
| 171 | M122 | X | -.708 | -.708 | 0 | %100 |
| 172 | M122 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 173 | M123 | X | -.708 | -.708 | 0 | %100 |
| 174 | M123 | Z | 0 | 0 | 0 | %100 |
| 175 | M124 | X | -.708 | -.708 | 0 | %100 |
| 176 | M124 | Z | 0 | 0 | 0 | %100 |
| 177 | M129 | X | -2.831 | -2.831 | 0 | %100 |
| 178 | M129 | Z | 0 | 0 | 0 | %100 |
| 179 | M130 | X | -2.831 | -2.831 | 0 | %100 |
| 180 | M130 | Z | 0 | 0 | 0 | %100 |
| 181 | M131 | X | -2.671 | -2.671 | 0 | %100 |
| 182 | M131 | Z | 0 | 0 | 0 | %100 |
| 183 | M132 | X | -2.671 | -2.671 | 0 | %100 |
| 184 | M132 | Z | 0 | 0 | 0 | %100 |
| 185 | M133 | X | -2.671 | -2.671 | 0 | %100 |
| 186 | M133 | Z | 0 | 0 | 0 | %100 |
| 187 | M134 | X | -2.671 | -2.671 | 0 | %100 |
| 188 | M134 | Z | 0 | 0 | 0 | %100 |
| 189 | M135 | X | -2.671 | -2.671 | 0 | %100 |
| 190 | M135 | Z | 0 | 0 | 0 | %100 |
| 191 | M136 | X | -2.671 | -2.671 | 0 | %100 |
| 192 | M136 | Z | 0 | 0 | 0 | %100 |
| 193 | M137 | X | -2.671 | -2.671 | 0 | %100 |
| 194 | M137 | Z | 0 | 0 | 0 | %100 |
| 195 | M138 | X | -2.671 | -2.671 | 0 | %100 |
| 196 | M138 | Z | 0 | 0 | 0 | %100 |
| 197 | M139 | X | -2.671 | -2.671 | 0 | %100 |
| 198 | M139 | Z | 0 | 0 | 0 | %100 |
| 199 | M140 | X | -2.671 | -2.671 | 0 | %100 |
| 200 | M140 | Z | 0 | 0 | 0 | %100 |
| 201 | M141 | X | -2.671 | -2.671 | 0 | %100 |
| 202 | M141 | Z | 0 | 0 | 0 | %100 |
| 203 | M142 | X | -2.671 | -2.671 | 0 | %100 |
| 204 | M142 | Z | 0 | 0 | 0 | %100 |
| 205 | M143 | X | -2.047 | -2.047 | 0 | %100 |
| 206 | M143 | Z | 0 | 0 | 0 | %100 |
| 207 | M144 | X | -2.047 | -2.047 | 0 | %100 |
| 208 | M144 | Z | 0 | 0 | 0 | %100 |
| 209 | M145 | X | -2.047 | -2.047 | 0 | %100 |
| 210 | M145 | Z | 0 | 0 | 0 | %100 |
| 211 | M146 | X | -1.528 | -1.528 | 0 | %100 |
| 212 | M146 | Z | 0 | 0 | 0 | %100 |
| 213 | M147 | X | -1.563 | -1.563 | 0 | %100 |
| 214 | M147 | Z | 0 | 0 | 0 | %100 |
| 215 | M148 | X | -2.047 | -2.047 | 0 | %100 |
| 216 | M148 | Z | 0 | 0 | 0 | %100 |
| 217 | M149 | X | -2.047 | -2.047 | 0 | %100 |
| 218 | M149 | Z | 0 | 0 | 0 | %100 |
| 219 | M150 | X | -2.047 | -2.047 | 0 | %100 |
| 220 | M150 | Z | 0 | 0 | 0 | %100 |
| 221 | M151 | X | -1.528 | -1.528 | 0 | %100 |
| 222 | M151 | Z | 0 | 0 | 0 | %100 |
| 223 | M152 | X | -1.563 | -1.563 | 0 | %100 |
| 224 | M152 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 225 | M157 | X | -2.349 | -2.349 | 0 | %100 |
| 226 | M157 | Z | 0 | 0 | 0 | %100 |
| 227 | M158 | X | -2.349 | -2.349 | 0 | %100 |
| 228 | M158 | Z | 0 | 0 | 0 | %100 |
| 229 | MP1B | X | -2.831 | -2.831 | 0 | %100 |
| 230 | MP1B | Z | 0 | 0 | 0 | %100 |
| 231 | MP2B | X | -2.831 | -2.831 | 0 | %100 |
| 232 | MP2B | Z | 0 | 0 | 0 | %100 |
| 233 | MP3B | X | -2.831 | -2.831 | 0 | %100 |
| 234 | MP3B | Z | 0 | 0 | 0 | %100 |
| 235 | MP4B | X | -2.831 | -2.831 | 0 | %100 |
| 236 | MP4B | Z | 0 | 0 | 0 | %100 |
| 237 | MP5B | X | -2.831 | -2.831 | 0 | %100 |
| 238 | MP5B | Z | 0 | 0 | 0 | %100 |
| 239 | M174 | X | -3.11 | -3.11 | 0 | %100 |
| 240 | M174 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | -.677 | -.677 | 0 | %100 |
| 2 | M1 | Z | -.391 | -.391 | 0 | %100 |
| 3 | M2 | X | -.677 | -.677 | 0 | %100 |
| 4 | M2 | Z | -.391 | -.391 | 0 | %100 |
| 5 | M3 | X | -.677 | -.677 | 0 | %100 |
| 6 | M3 | Z | -.391 | -.391 | 0 | %100 |
| 7 | M4 | X | -.677 | -.677 | 0 | %100 |
| 8 | M4 | Z | -.391 | -.391 | 0 | %100 |
| 9 | M5 | X | -1.839 | -1.839 | 0 | %100 |
| 10 | M5 | Z | -1.062 | -1.062 | 0 | %100 |
| 11 | M6 | X | -1.839 | -1.839 | 0 | %100 |
| 12 | M6 | Z | -1.062 | -1.062 | 0 | %100 |
| 13 | M7 | X | -1.839 | -1.839 | 0 | %100 |
| 14 | M7 | Z | -1.062 | -1.062 | 0 | %100 |
| 15 | M8 | X | -1.839 | -1.839 | 0 | %100 |
| 16 | M8 | Z | -1.062 | -1.062 | 0 | %100 |
| 17 | M13 | X | -2.451 | -2.451 | 0 | %100 |
| 18 | M13 | Z | -1.415 | -1.415 | 0 | %100 |
| 19 | M14 | X | -2.451 | -2.451 | 0 | %100 |
| 20 | M14 | Z | -1.415 | -1.415 | 0 | %100 |
| 21 | M16 | X | -1.961 | -1.961 | 0 | %100 |
| 22 | M16 | Z | -1.132 | -1.132 | 0 | %100 |
| 23 | M17 | X | -1.961 | -1.961 | 0 | %100 |
| 24 | M17 | Z | -1.132 | -1.132 | 0 | %100 |
| 25 | M18 | X | -1.961 | -1.961 | 0 | %100 |
| 26 | M18 | Z | -1.132 | -1.132 | 0 | %100 |
| 27 | M19 | X | -1.961 | -1.961 | 0 | %100 |
| 28 | M19 | Z | -1.132 | -1.132 | 0 | %100 |
| 29 | M20 | X | -1.961 | -1.961 | 0 | %100 |
| 30 | M20 | Z | -1.132 | -1.132 | 0 | %100 |
| 31 | M21 | X | -1.961 | -1.961 | 0 | %100 |
| 32 | M21 | Z | -1.132 | -1.132 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 33 | M24 | X | -1.961 | -1.961 | 0 | %100 |
| 34 | M24 | Z | -1.132 | -1.132 | 0 | %100 |
| 35 | M25 | X | -1.961 | -1.961 | 0 | %100 |
| 36 | M25 | Z | -1.132 | -1.132 | 0 | %100 |
| 37 | M26 | X | -1.961 | -1.961 | 0 | %100 |
| 38 | M26 | Z | -1.132 | -1.132 | 0 | %100 |
| 39 | M27 | X | -1.961 | -1.961 | 0 | %100 |
| 40 | M27 | Z | -1.132 | -1.132 | 0 | %100 |
| 41 | M28 | X | -1.961 | -1.961 | 0 | %100 |
| 42 | M28 | Z | -1.132 | -1.132 | 0 | %100 |
| 43 | M29 | X | -1.961 | -1.961 | 0 | %100 |
| 44 | M29 | Z | -1.132 | -1.132 | 0 | %100 |
| 45 | M32 | X | -1.773 | -1.773 | 0 | %100 |
| 46 | M32 | Z | -1.024 | -1.024 | 0 | %100 |
| 47 | M33 | X | -1.773 | -1.773 | 0 | %100 |
| 48 | M33 | Z | -1.024 | -1.024 | 0 | %100 |
| 49 | M34 | X | -1.773 | -1.773 | 0 | %100 |
| 50 | M34 | Z | -1.024 | -1.024 | 0 | %100 |
| 51 | M35 | X | -1.742 | -1.742 | 0 | %100 |
| 52 | M35 | Z | -1.006 | -1.006 | 0 | %100 |
| 53 | M36 | X | -1.746 | -1.746 | 0 | %100 |
| 54 | M36 | Z | -1.008 | -1.008 | 0 | %100 |
| 55 | M37 | X | -1.773 | -1.773 | 0 | %100 |
| 56 | M37 | Z | -1.024 | -1.024 | 0 | %100 |
| 57 | M38 | X | -1.773 | -1.773 | 0 | %100 |
| 58 | M38 | Z | -1.024 | -1.024 | 0 | %100 |
| 59 | M39 | X | -1.773 | -1.773 | 0 | %100 |
| 60 | M39 | Z | -1.024 | -1.024 | 0 | %100 |
| 61 | M40 | X | -1.742 | -1.742 | 0 | %100 |
| 62 | M40 | Z | -1.006 | -1.006 | 0 | %100 |
| 63 | M41 | X | -1.746 | -1.746 | 0 | %100 |
| 64 | M41 | Z | -1.008 | -1.008 | 0 | %100 |
| 65 | M41A | X | -.678 | -.678 | 0 | %100 |
| 66 | M41A | Z | -.391 | -.391 | 0 | %100 |
| 67 | FACE | X | -.678 | -.678 | 0 | %100 |
| 68 | FACE | Z | -.391 | -.391 | 0 | %100 |
| 69 | MP1A | X | -2.451 | -2.451 | 0 | %100 |
| 70 | MP1A | Z | -1.415 | -1.415 | 0 | %100 |
| 71 | MP2A | X | -2.451 | -2.451 | 0 | %100 |
| 72 | MP2A | Z | -1.415 | -1.415 | 0 | %100 |
| 73 | MP3A | X | -2.451 | -2.451 | 0 | %100 |
| 74 | MP3A | Z | -1.415 | -1.415 | 0 | %100 |
| 75 | MP4A | X | -2.451 | -2.451 | 0 | %100 |
| 76 | MP4A | Z | -1.415 | -1.415 | 0 | %100 |
| 77 | MP5A | X | -2.451 | -2.451 | 0 | %100 |
| 78 | MP5A | Z | -1.415 | -1.415 | 0 | %100 |
| 79 | M58 | X | -2.221 | -2.221 | 0 | %100 |
| 80 | M58 | Z | -1.282 | -1.282 | 0 | %100 |
| 81 | M59 | X | -.677 | -.677 | 0 | %100 |
| 82 | M59 | Z | -.391 | -.391 | 0 | %100 |
| 83 | M60 | X | -.677 | -.677 | 0 | %100 |
| 84 | M60 | Z | -.391 | -.391 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 85 | M61 | X | -.677 | -.677 | 0 | %100 |
| 86 | M61 | Z | -.391 | -.391 | 0 | %100 |
| 87 | M62 | X | -.677 | -.677 | 0 | %100 |
| 88 | M62 | Z | -.391 | -.391 | 0 | %100 |
| 89 | M63 | X | -1.839 | -1.839 | 0 | %100 |
| 90 | M63 | Z | -1.062 | -1.062 | 0 | %100 |
| 91 | M64 | X | -1.839 | -1.839 | 0 | %100 |
| 92 | M64 | Z | -1.062 | -1.062 | 0 | %100 |
| 93 | M65 | X | -1.839 | -1.839 | 0 | %100 |
| 94 | M65 | Z | -1.062 | -1.062 | 0 | %100 |
| 95 | M66 | X | -1.839 | -1.839 | 0 | %100 |
| 96 | M66 | Z | -1.062 | -1.062 | 0 | %100 |
| 97 | M71 | X | -2.451 | -2.451 | 0 | %100 |
| 98 | M71 | Z | -1.415 | -1.415 | 0 | %100 |
| 99 | M72 | X | -2.451 | -2.451 | 0 | %100 |
| 100 | M72 | Z | -1.415 | -1.415 | 0 | %100 |
| 101 | M73 | X | -1.961 | -1.961 | 0 | %100 |
| 102 | M73 | Z | -1.132 | -1.132 | 0 | %100 |
| 103 | M74 | X | -1.961 | -1.961 | 0 | %100 |
| 104 | M74 | Z | -1.132 | -1.132 | 0 | %100 |
| 105 | M75 | X | -1.961 | -1.961 | 0 | %100 |
| 106 | M75 | Z | -1.132 | -1.132 | 0 | %100 |
| 107 | M76 | X | -1.961 | -1.961 | 0 | %100 |
| 108 | M76 | Z | -1.132 | -1.132 | 0 | %100 |
| 109 | M77 | X | -1.961 | -1.961 | 0 | %100 |
| 110 | M77 | Z | -1.132 | -1.132 | 0 | %100 |
| 111 | M78 | X | -1.961 | -1.961 | 0 | %100 |
| 112 | M78 | Z | -1.132 | -1.132 | 0 | %100 |
| 113 | M79 | X | -1.961 | -1.961 | 0 | %100 |
| 114 | M79 | Z | -1.132 | -1.132 | 0 | %100 |
| 115 | M80 | X | -1.961 | -1.961 | 0 | %100 |
| 116 | M80 | Z | -1.132 | -1.132 | 0 | %100 |
| 117 | M81 | X | -1.961 | -1.961 | 0 | %100 |
| 118 | M81 | Z | -1.132 | -1.132 | 0 | %100 |
| 119 | M82 | X | -1.961 | -1.961 | 0 | %100 |
| 120 | M82 | Z | -1.132 | -1.132 | 0 | %100 |
| 121 | M83 | X | -1.961 | -1.961 | 0 | %100 |
| 122 | M83 | Z | -1.132 | -1.132 | 0 | %100 |
| 123 | M84 | X | -1.961 | -1.961 | 0 | %100 |
| 124 | M84 | Z | -1.132 | -1.132 | 0 | %100 |
| 125 | M85 | X | -1.773 | -1.773 | 0 | %100 |
| 126 | M85 | Z | -1.024 | -1.024 | 0 | %100 |
| 127 | M86 | X | -1.773 | -1.773 | 0 | %100 |
| 128 | M86 | Z | -1.024 | -1.024 | 0 | %100 |
| 129 | M87 | X | -1.773 | -1.773 | 0 | %100 |
| 130 | M87 | Z | -1.024 | -1.024 | 0 | %100 |
| 131 | M88 | X | -1.742 | -1.742 | 0 | %100 |
| 132 | M88 | Z | -1.006 | -1.006 | 0 | %100 |
| 133 | M89 | X | -1.746 | -1.746 | 0 | %100 |
| 134 | M89 | Z | -1.008 | -1.008 | 0 | %100 |
| 135 | M90 | X | -1.773 | -1.773 | 0 | %100 |
| 136 | M90 | Z | -1.024 | -1.024 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 137 | M91 | X | -1.773 | -1.773 | 0 | %100 |
| 138 | M91 | Z | -1.024 | -1.024 | 0 | %100 |
| 139 | M92 | X | -1.773 | -1.773 | 0 | %100 |
| 140 | M92 | Z | -1.024 | -1.024 | 0 | %100 |
| 141 | M93 | X | -1.742 | -1.742 | 0 | %100 |
| 142 | M93 | Z | -1.006 | -1.006 | 0 | %100 |
| 143 | M94 | X | -1.746 | -1.746 | 0 | %100 |
| 144 | M94 | Z | -1.008 | -1.008 | 0 | %100 |
| 145 | M99 | X | -.678 | -.678 | 0 | %100 |
| 146 | M99 | Z | -.391 | -.391 | 0 | %100 |
| 147 | M100 | X | -.678 | -.678 | 0 | %100 |
| 148 | M100 | Z | -.391 | -.391 | 0 | %100 |
| 149 | MP1C | X | -2.451 | -2.451 | 0 | %100 |
| 150 | MP1C | Z | -1.415 | -1.415 | 0 | %100 |
| 151 | MP2C | X | -2.451 | -2.451 | 0 | %100 |
| 152 | MP2C | Z | -1.415 | -1.415 | 0 | %100 |
| 153 | MP3C | X | -2.451 | -2.451 | 0 | %100 |
| 154 | MP3C | Z | -1.415 | -1.415 | 0 | %100 |
| 155 | MP4C | X | -2.451 | -2.451 | 0 | %100 |
| 156 | MP4C | Z | -1.415 | -1.415 | 0 | %100 |
| 157 | MP5C | X | -2.451 | -2.451 | 0 | %100 |
| 158 | MP5C | Z | -1.415 | -1.415 | 0 | %100 |
| 159 | M116 | X | -1.9e-5 | -1.9e-5 | 0 | %100 |
| 160 | M116 | Z | -1.1e-5 | -1.1e-5 | 0 | %100 |
| 161 | M117 | X | 0 | 0 | 0 | %100 |
| 162 | M117 | Z | 0 | 0 | 0 | %100 |
| 163 | M118 | X | 0 | 0 | 0 | %100 |
| 164 | M118 | Z | 0 | 0 | 0 | %100 |
| 165 | M119 | X | 0 | 0 | 0 | %100 |
| 166 | M119 | Z | 0 | 0 | 0 | %100 |
| 167 | M120 | X | 0 | 0 | 0 | %100 |
| 168 | M120 | Z | 0 | 0 | 0 | %100 |
| 169 | M121 | X | 0 | 0 | 0 | %100 |
| 170 | M121 | Z | 0 | 0 | 0 | %100 |
| 171 | M122 | X | 0 | 0 | 0 | %100 |
| 172 | M122 | Z | 0 | 0 | 0 | %100 |
| 173 | M123 | X | 0 | 0 | 0 | %100 |
| 174 | M123 | Z | 0 | 0 | 0 | %100 |
| 175 | M124 | X | 0 | 0 | 0 | %100 |
| 176 | M124 | Z | 0 | 0 | 0 | %100 |
| 177 | M129 | X | -2.451 | -2.451 | 0 | %100 |
| 178 | M129 | Z | -1.415 | -1.415 | 0 | %100 |
| 179 | M130 | X | -2.451 | -2.451 | 0 | %100 |
| 180 | M130 | Z | -1.415 | -1.415 | 0 | %100 |
| 181 | M131 | X | -1.961 | -1.961 | 0 | %100 |
| 182 | M131 | Z | -1.132 | -1.132 | 0 | %100 |
| 183 | M132 | X | -1.961 | -1.961 | 0 | %100 |
| 184 | M132 | Z | -1.132 | -1.132 | 0 | %100 |
| 185 | M133 | X | -1.961 | -1.961 | 0 | %100 |
| 186 | M133 | Z | -1.132 | -1.132 | 0 | %100 |
| 187 | M134 | X | -1.961 | -1.961 | 0 | %100 |
| 188 | M134 | Z | -1.132 | -1.132 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 189 | M135 | X | -1.961 | -1.961 | 0 | %100 |
| 190 | M135 | Z | -1.132 | -1.132 | 0 | %100 |
| 191 | M136 | X | -1.961 | -1.961 | 0 | %100 |
| 192 | M136 | Z | -1.132 | -1.132 | 0 | %100 |
| 193 | M137 | X | -1.961 | -1.961 | 0 | %100 |
| 194 | M137 | Z | -1.132 | -1.132 | 0 | %100 |
| 195 | M138 | X | -1.961 | -1.961 | 0 | %100 |
| 196 | M138 | Z | -1.132 | -1.132 | 0 | %100 |
| 197 | M139 | X | -1.961 | -1.961 | 0 | %100 |
| 198 | M139 | Z | -1.132 | -1.132 | 0 | %100 |
| 199 | M140 | X | -1.961 | -1.961 | 0 | %100 |
| 200 | M140 | Z | -1.132 | -1.132 | 0 | %100 |
| 201 | M141 | X | -1.961 | -1.961 | 0 | %100 |
| 202 | M141 | Z | -1.132 | -1.132 | 0 | %100 |
| 203 | M142 | X | -1.961 | -1.961 | 0 | %100 |
| 204 | M142 | Z | -1.132 | -1.132 | 0 | %100 |
| 205 | M143 | X | -1.773 | -1.773 | 0 | %100 |
| 206 | M143 | Z | -1.024 | -1.024 | 0 | %100 |
| 207 | M144 | X | -1.773 | -1.773 | 0 | %100 |
| 208 | M144 | Z | -1.024 | -1.024 | 0 | %100 |
| 209 | M145 | X | -1.773 | -1.773 | 0 | %100 |
| 210 | M145 | Z | -1.024 | -1.024 | 0 | %100 |
| 211 | M146 | X | -1.114 | -1.114 | 0 | %100 |
| 212 | M146 | Z | -.643 | -.643 | 0 | %100 |
| 213 | M147 | X | -1.157 | -1.157 | 0 | %100 |
| 214 | M147 | Z | -.668 | -.668 | 0 | %100 |
| 215 | M148 | X | -1.773 | -1.773 | 0 | %100 |
| 216 | M148 | Z | -1.024 | -1.024 | 0 | %100 |
| 217 | M149 | X | -1.773 | -1.773 | 0 | %100 |
| 218 | M149 | Z | -1.024 | -1.024 | 0 | %100 |
| 219 | M150 | X | -1.773 | -1.773 | 0 | %100 |
| 220 | M150 | Z | -1.024 | -1.024 | 0 | %100 |
| 221 | M151 | X | -1.114 | -1.114 | 0 | %100 |
| 222 | M151 | Z | -.643 | -.643 | 0 | %100 |
| 223 | M152 | X | -1.157 | -1.157 | 0 | %100 |
| 224 | M152 | Z | -.668 | -.668 | 0 | %100 |
| 225 | M157 | X | -2.712 | -2.712 | 0 | %100 |
| 226 | M157 | Z | -1.566 | -1.566 | 0 | %100 |
| 227 | M158 | X | -2.712 | -2.712 | 0 | %100 |
| 228 | M158 | Z | -1.566 | -1.566 | 0 | %100 |
| 229 | MP1B | X | -2.451 | -2.451 | 0 | %100 |
| 230 | MP1B | Z | -1.415 | -1.415 | 0 | %100 |
| 231 | MP2B | X | -2.451 | -2.451 | 0 | %100 |
| 232 | MP2B | Z | -1.415 | -1.415 | 0 | %100 |
| 233 | MP3B | X | -2.451 | -2.451 | 0 | %100 |
| 234 | MP3B | Z | -1.415 | -1.415 | 0 | %100 |
| 235 | MP4B | X | -2.451 | -2.451 | 0 | %100 |
| 236 | MP4B | Z | -1.415 | -1.415 | 0 | %100 |
| 237 | MP5B | X | -2.451 | -2.451 | 0 | %100 |
| 238 | MP5B | Z | -1.415 | -1.415 | 0 | %100 |
| 239 | M174 | X | -1.828 | -1.828 | 0 | %100 |
| 240 | M174 | Z | -1.056 | -1.056 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | -.13 | -.13 | 0 | %100 |
| 2 | M1 | Z | -.226 | -.226 | 0 | %100 |
| 3 | M2 | X | -.13 | -.13 | 0 | %100 |
| 4 | M2 | Z | -.226 | -.226 | 0 | %100 |
| 5 | M3 | X | -.13 | -.13 | 0 | %100 |
| 6 | M3 | Z | -.226 | -.226 | 0 | %100 |
| 7 | M4 | X | -.13 | -.13 | 0 | %100 |
| 8 | M4 | Z | -.226 | -.226 | 0 | %100 |
| 9 | M5 | X | -.354 | -.354 | 0 | %100 |
| 10 | M5 | Z | -.613 | -.613 | 0 | %100 |
| 11 | M6 | X | -.354 | -.354 | 0 | %100 |
| 12 | M6 | Z | -.613 | -.613 | 0 | %100 |
| 13 | M7 | X | -.354 | -.354 | 0 | %100 |
| 14 | M7 | Z | -.613 | -.613 | 0 | %100 |
| 15 | M8 | X | -.354 | -.354 | 0 | %100 |
| 16 | M8 | Z | -.613 | -.613 | 0 | %100 |
| 17 | M13 | X | -1.415 | -1.415 | 0 | %100 |
| 18 | M13 | Z | -2.451 | -2.451 | 0 | %100 |
| 19 | M14 | X | -1.415 | -1.415 | 0 | %100 |
| 20 | M14 | Z | -2.451 | -2.451 | 0 | %100 |
| 21 | M16 | X | -.725 | -.725 | 0 | %100 |
| 22 | M16 | Z | -1.256 | -1.256 | 0 | %100 |
| 23 | M17 | X | -.725 | -.725 | 0 | %100 |
| 24 | M17 | Z | -1.256 | -1.256 | 0 | %100 |
| 25 | M18 | X | -.725 | -.725 | 0 | %100 |
| 26 | M18 | Z | -1.256 | -1.256 | 0 | %100 |
| 27 | M19 | X | -.725 | -.725 | 0 | %100 |
| 28 | M19 | Z | -1.256 | -1.256 | 0 | %100 |
| 29 | M20 | X | -.725 | -.725 | 0 | %100 |
| 30 | M20 | Z | -1.256 | -1.256 | 0 | %100 |
| 31 | M21 | X | -.725 | -.725 | 0 | %100 |
| 32 | M21 | Z | -1.256 | -1.256 | 0 | %100 |
| 33 | M24 | X | -.725 | -.725 | 0 | %100 |
| 34 | M24 | Z | -1.256 | -1.256 | 0 | %100 |
| 35 | M25 | X | -.725 | -.725 | 0 | %100 |
| 36 | M25 | Z | -1.256 | -1.256 | 0 | %100 |
| 37 | M26 | X | -.725 | -.725 | 0 | %100 |
| 38 | M26 | Z | -1.256 | -1.256 | 0 | %100 |
| 39 | M27 | X | -.725 | -.725 | 0 | %100 |
| 40 | M27 | Z | -1.256 | -1.256 | 0 | %100 |
| 41 | M28 | X | -.725 | -.725 | 0 | %100 |
| 42 | M28 | Z | -1.256 | -1.256 | 0 | %100 |
| 43 | M29 | X | -.725 | -.725 | 0 | %100 |
| 44 | M29 | Z | -1.256 | -1.256 | 0 | %100 |
| 45 | M32 | X | -1.024 | -1.024 | 0 | %100 |
| 46 | M32 | Z | -1.773 | -1.773 | 0 | %100 |
| 47 | M33 | X | -1.024 | -1.024 | 0 | %100 |
| 48 | M33 | Z | -1.773 | -1.773 | 0 | %100 |
| 49 | M34 | X | -1.024 | -1.024 | 0 | %100 |
| 50 | M34 | Z | -1.773 | -1.773 | 0 | %100 |
| 51 | M35 | X | -.764 | -.764 | 0 | %100 |
| 52 | M35 | Z | -1.323 | -1.323 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 53 | M36 | X | -.782 | -.782 | 0 | %100 |
| 54 | M36 | Z | -1.354 | -1.354 | 0 | %100 |
| 55 | M37 | X | -1.024 | -1.024 | 0 | %100 |
| 56 | M37 | Z | -1.773 | -1.773 | 0 | %100 |
| 57 | M38 | X | -1.024 | -1.024 | 0 | %100 |
| 58 | M38 | Z | -1.773 | -1.773 | 0 | %100 |
| 59 | M39 | X | -1.024 | -1.024 | 0 | %100 |
| 60 | M39 | Z | -1.773 | -1.773 | 0 | %100 |
| 61 | M40 | X | -.764 | -.764 | 0 | %100 |
| 62 | M40 | Z | -1.323 | -1.323 | 0 | %100 |
| 63 | M41 | X | -.782 | -.782 | 0 | %100 |
| 64 | M41 | Z | -1.354 | -1.354 | 0 | %100 |
| 65 | M41A | X | -1.174 | -1.174 | 0 | %100 |
| 66 | M41A | Z | -2.034 | -2.034 | 0 | %100 |
| 67 | FACE | X | -1.174 | -1.174 | 0 | %100 |
| 68 | FACE | Z | -2.034 | -2.034 | 0 | %100 |
| 69 | MP1A | X | -1.415 | -1.415 | 0 | %100 |
| 70 | MP1A | Z | -2.451 | -2.451 | 0 | %100 |
| 71 | MP2A | X | -1.415 | -1.415 | 0 | %100 |
| 72 | MP2A | Z | -2.451 | -2.451 | 0 | %100 |
| 73 | MP3A | X | -1.415 | -1.415 | 0 | %100 |
| 74 | MP3A | Z | -2.451 | -2.451 | 0 | %100 |
| 75 | MP4A | X | -1.415 | -1.415 | 0 | %100 |
| 76 | MP4A | Z | -2.451 | -2.451 | 0 | %100 |
| 77 | MP5A | X | -1.415 | -1.415 | 0 | %100 |
| 78 | MP5A | Z | -2.451 | -2.451 | 0 | %100 |
| 79 | M58 | X | -1.555 | -1.555 | 0 | %100 |
| 80 | M58 | Z | -2.693 | -2.693 | 0 | %100 |
| 81 | M59 | X | -.521 | -.521 | 0 | %100 |
| 82 | M59 | Z | -.903 | -.903 | 0 | %100 |
| 83 | M60 | X | -.521 | -.521 | 0 | %100 |
| 84 | M60 | Z | -.903 | -.903 | 0 | %100 |
| 85 | M61 | X | -.521 | -.521 | 0 | %100 |
| 86 | M61 | Z | -.903 | -.903 | 0 | %100 |
| 87 | M62 | X | -.521 | -.521 | 0 | %100 |
| 88 | M62 | Z | -.903 | -.903 | 0 | %100 |
| 89 | M63 | X | -1.415 | -1.415 | 0 | %100 |
| 90 | M63 | Z | -2.451 | -2.451 | 0 | %100 |
| 91 | M64 | X | -1.415 | -1.415 | 0 | %100 |
| 92 | M64 | Z | -2.451 | -2.451 | 0 | %100 |
| 93 | M65 | X | -1.415 | -1.415 | 0 | %100 |
| 94 | M65 | Z | -2.451 | -2.451 | 0 | %100 |
| 95 | M66 | X | -1.415 | -1.415 | 0 | %100 |
| 96 | M66 | Z | -2.451 | -2.451 | 0 | %100 |
| 97 | M71 | X | -1.415 | -1.415 | 0 | %100 |
| 98 | M71 | Z | -2.451 | -2.451 | 0 | %100 |
| 99 | M72 | X | -1.415 | -1.415 | 0 | %100 |
| 100 | M72 | Z | -2.451 | -2.451 | 0 | %100 |
| 101 | M73 | X | -.725 | -.725 | 0 | %100 |
| 102 | M73 | Z | -1.256 | -1.256 | 0 | %100 |
| 103 | M74 | X | -.725 | -.725 | 0 | %100 |
| 104 | M74 | Z | -1.256 | -1.256 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 105 | M75 | X | -.725 | -.725 | 0 | %100 |
| 106 | M75 | Z | -1.256 | -1.256 | 0 | %100 |
| 107 | M76 | X | -.725 | -.725 | 0 | %100 |
| 108 | M76 | Z | -1.256 | -1.256 | 0 | %100 |
| 109 | M77 | X | -.725 | -.725 | 0 | %100 |
| 110 | M77 | Z | -1.256 | -1.256 | 0 | %100 |
| 111 | M78 | X | -.725 | -.725 | 0 | %100 |
| 112 | M78 | Z | -1.256 | -1.256 | 0 | %100 |
| 113 | M79 | X | -.725 | -.725 | 0 | %100 |
| 114 | M79 | Z | -1.256 | -1.256 | 0 | %100 |
| 115 | M80 | X | -.725 | -.725 | 0 | %100 |
| 116 | M80 | Z | -1.256 | -1.256 | 0 | %100 |
| 117 | M81 | X | -.725 | -.725 | 0 | %100 |
| 118 | M81 | Z | -1.256 | -1.256 | 0 | %100 |
| 119 | M82 | X | -.725 | -.725 | 0 | %100 |
| 120 | M82 | Z | -1.256 | -1.256 | 0 | %100 |
| 121 | M83 | X | -.725 | -.725 | 0 | %100 |
| 122 | M83 | Z | -1.256 | -1.256 | 0 | %100 |
| 123 | M84 | X | -.725 | -.725 | 0 | %100 |
| 124 | M84 | Z | -1.256 | -1.256 | 0 | %100 |
| 125 | M85 | X | -1.024 | -1.024 | 0 | %100 |
| 126 | M85 | Z | -1.773 | -1.773 | 0 | %100 |
| 127 | M86 | X | -1.024 | -1.024 | 0 | %100 |
| 128 | M86 | Z | -1.773 | -1.773 | 0 | %100 |
| 129 | M87 | X | -1.024 | -1.024 | 0 | %100 |
| 130 | M87 | Z | -1.773 | -1.773 | 0 | %100 |
| 131 | M88 | X | -1.127 | -1.127 | 0 | %100 |
| 132 | M88 | Z | -1.952 | -1.952 | 0 | %100 |
| 133 | M89 | X | -1.121 | -1.121 | 0 | %100 |
| 134 | M89 | Z | -1.942 | -1.942 | 0 | %100 |
| 135 | M90 | X | -1.024 | -1.024 | 0 | %100 |
| 136 | M90 | Z | -1.773 | -1.773 | 0 | %100 |
| 137 | M91 | X | -1.024 | -1.024 | 0 | %100 |
| 138 | M91 | Z | -1.773 | -1.773 | 0 | %100 |
| 139 | M92 | X | -1.024 | -1.024 | 0 | %100 |
| 140 | M92 | Z | -1.773 | -1.773 | 0 | %100 |
| 141 | M93 | X | -1.127 | -1.127 | 0 | %100 |
| 142 | M93 | Z | -1.952 | -1.952 | 0 | %100 |
| 143 | M94 | X | -1.121 | -1.121 | 0 | %100 |
| 144 | M94 | Z | -1.942 | -1.942 | 0 | %100 |
| 145 | M99 | X | 0 | 0 | 0 | %100 |
| 146 | M99 | Z | 0 | 0 | 0 | %100 |
| 147 | M100 | X | 0 | 0 | 0 | %100 |
| 148 | M100 | Z | 0 | 0 | 0 | %100 |
| 149 | MP1C | X | -1.415 | -1.415 | 0 | %100 |
| 150 | MP1C | Z | -2.451 | -2.451 | 0 | %100 |
| 151 | MP2C | X | -1.415 | -1.415 | 0 | %100 |
| 152 | MP2C | Z | -2.451 | -2.451 | 0 | %100 |
| 153 | MP3C | X | -1.415 | -1.415 | 0 | %100 |
| 154 | MP3C | Z | -2.451 | -2.451 | 0 | %100 |
| 155 | MP4C | X | -1.415 | -1.415 | 0 | %100 |
| 156 | MP4C | Z | -2.451 | -2.451 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 157 | MP5C | X | -1.415 | -1.415 | 0 | %100 |
| 158 | MP5C | Z | -2.451 | -2.451 | 0 | %100 |
| 159 | M116 | X | -.395 | -.395 | 0 | %100 |
| 160 | M116 | Z | -.684 | -.684 | 0 | %100 |
| 161 | M117 | X | -.13 | -.13 | 0 | %100 |
| 162 | M117 | Z | -.226 | -.226 | 0 | %100 |
| 163 | M118 | X | -.13 | -.13 | 0 | %100 |
| 164 | M118 | Z | -.226 | -.226 | 0 | %100 |
| 165 | M119 | X | -.13 | -.13 | 0 | %100 |
| 166 | M119 | Z | -.226 | -.226 | 0 | %100 |
| 167 | M120 | X | -.13 | -.13 | 0 | %100 |
| 168 | M120 | Z | -.226 | -.226 | 0 | %100 |
| 169 | M121 | X | -.354 | -.354 | 0 | %100 |
| 170 | M121 | Z | -.613 | -.613 | 0 | %100 |
| 171 | M122 | X | -.354 | -.354 | 0 | %100 |
| 172 | M122 | Z | -.613 | -.613 | 0 | %100 |
| 173 | M123 | X | -.354 | -.354 | 0 | %100 |
| 174 | M123 | Z | -.613 | -.613 | 0 | %100 |
| 175 | M124 | X | -.354 | -.354 | 0 | %100 |
| 176 | M124 | Z | -.613 | -.613 | 0 | %100 |
| 177 | M129 | X | -1.415 | -1.415 | 0 | %100 |
| 178 | M129 | Z | -2.451 | -2.451 | 0 | %100 |
| 179 | M130 | X | -1.415 | -1.415 | 0 | %100 |
| 180 | M130 | Z | -2.451 | -2.451 | 0 | %100 |
| 181 | M131 | X | -.725 | -.725 | 0 | %100 |
| 182 | M131 | Z | -1.256 | -1.256 | 0 | %100 |
| 183 | M132 | X | -.725 | -.725 | 0 | %100 |
| 184 | M132 | Z | -1.256 | -1.256 | 0 | %100 |
| 185 | M133 | X | -.725 | -.725 | 0 | %100 |
| 186 | M133 | Z | -1.256 | -1.256 | 0 | %100 |
| 187 | M134 | X | -.725 | -.725 | 0 | %100 |
| 188 | M134 | Z | -1.256 | -1.256 | 0 | %100 |
| 189 | M135 | X | -.725 | -.725 | 0 | %100 |
| 190 | M135 | Z | -1.256 | -1.256 | 0 | %100 |
| 191 | M136 | X | -.725 | -.725 | 0 | %100 |
| 192 | M136 | Z | -1.256 | -1.256 | 0 | %100 |
| 193 | M137 | X | -.725 | -.725 | 0 | %100 |
| 194 | M137 | Z | -1.256 | -1.256 | 0 | %100 |
| 195 | M138 | X | -.725 | -.725 | 0 | %100 |
| 196 | M138 | Z | -1.256 | -1.256 | 0 | %100 |
| 197 | M139 | X | -.725 | -.725 | 0 | %100 |
| 198 | M139 | Z | -1.256 | -1.256 | 0 | %100 |
| 199 | M140 | X | -.725 | -.725 | 0 | %100 |
| 200 | M140 | Z | -1.256 | -1.256 | 0 | %100 |
| 201 | M141 | X | -.725 | -.725 | 0 | %100 |
| 202 | M141 | Z | -1.256 | -1.256 | 0 | %100 |
| 203 | M142 | X | -.725 | -.725 | 0 | %100 |
| 204 | M142 | Z | -1.256 | -1.256 | 0 | %100 |
| 205 | M143 | X | -1.024 | -1.024 | 0 | %100 |
| 206 | M143 | Z | -1.773 | -1.773 | 0 | %100 |
| 207 | M144 | X | -1.024 | -1.024 | 0 | %100 |
| 208 | M144 | Z | -1.773 | -1.773 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 209 | M145 | X | -1.024 | -1.024 | 0 | %100 |
| 210 | M145 | Z | -1.773 | -1.773 | 0 | %100 |
| 211 | M146 | X | -.764 | -.764 | 0 | %100 |
| 212 | M146 | Z | -1.323 | -1.323 | 0 | %100 |
| 213 | M147 | X | -.782 | -.782 | 0 | %100 |
| 214 | M147 | Z | -1.354 | -1.354 | 0 | %100 |
| 215 | M148 | X | -1.024 | -1.024 | 0 | %100 |
| 216 | M148 | Z | -1.773 | -1.773 | 0 | %100 |
| 217 | M149 | X | -1.024 | -1.024 | 0 | %100 |
| 218 | M149 | Z | -1.773 | -1.773 | 0 | %100 |
| 219 | M150 | X | -1.024 | -1.024 | 0 | %100 |
| 220 | M150 | Z | -1.773 | -1.773 | 0 | %100 |
| 221 | M151 | X | -.764 | -.764 | 0 | %100 |
| 222 | M151 | Z | -1.323 | -1.323 | 0 | %100 |
| 223 | M152 | X | -.782 | -.782 | 0 | %100 |
| 224 | M152 | Z | -1.354 | -1.354 | 0 | %100 |
| 225 | M157 | X | -1.174 | -1.174 | 0 | %100 |
| 226 | M157 | Z | -2.034 | -2.034 | 0 | %100 |
| 227 | M158 | X | -1.174 | -1.174 | 0 | %100 |
| 228 | M158 | Z | -2.034 | -2.034 | 0 | %100 |
| 229 | MP1B | X | -1.415 | -1.415 | 0 | %100 |
| 230 | MP1B | Z | -2.451 | -2.451 | 0 | %100 |
| 231 | MP2B | X | -1.415 | -1.415 | 0 | %100 |
| 232 | MP2B | Z | -2.451 | -2.451 | 0 | %100 |
| 233 | MP3B | X | -1.415 | -1.415 | 0 | %100 |
| 234 | MP3B | Z | -2.451 | -2.451 | 0 | %100 |
| 235 | MP4B | X | -1.415 | -1.415 | 0 | %100 |
| 236 | MP4B | Z | -2.451 | -2.451 | 0 | %100 |
| 237 | MP5B | X | -1.415 | -1.415 | 0 | %100 |
| 238 | MP5B | Z | -2.451 | -2.451 | 0 | %100 |
| 239 | M174 | X | -.284 | -.284 | 0 | %100 |
| 240 | M174 | Z | -.491 | -.491 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | 0 | 0 | 0 | %100 |
| 2 | M1 | Z | 0 | 0 | 0 | %100 |
| 3 | M2 | X | 0 | 0 | 0 | %100 |
| 4 | M2 | Z | 0 | 0 | 0 | %100 |
| 5 | M3 | X | 0 | 0 | 0 | %100 |
| 6 | M3 | Z | 0 | 0 | 0 | %100 |
| 7 | M4 | X | 0 | 0 | 0 | %100 |
| 8 | M4 | Z | 0 | 0 | 0 | %100 |
| 9 | M5 | X | 0 | 0 | 0 | %100 |
| 10 | M5 | Z | 0 | 0 | 0 | %100 |
| 11 | M6 | X | 0 | 0 | 0 | %100 |
| 12 | M6 | Z | 0 | 0 | 0 | %100 |
| 13 | M7 | X | 0 | 0 | 0 | %100 |
| 14 | M7 | Z | 0 | 0 | 0 | %100 |
| 15 | M8 | X | 0 | 0 | 0 | %100 |
| 16 | M8 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 17 | M13 | X | 0 | 0 | 0 | %100 |
| 18 | M13 | Z | -.515 | -.515 | 0 | %100 |
| 19 | M14 | X | 0 | 0 | 0 | %100 |
| 20 | M14 | Z | -.515 | -.515 | 0 | %100 |
| 21 | M16 | X | 0 | 0 | 0 | %100 |
| 22 | M16 | Z | -.081 | -.081 | 0 | %100 |
| 23 | M17 | X | 0 | 0 | 0 | %100 |
| 24 | M17 | Z | -.081 | -.081 | 0 | %100 |
| 25 | M18 | X | 0 | 0 | 0 | %100 |
| 26 | M18 | Z | -.081 | -.081 | 0 | %100 |
| 27 | M19 | X | 0 | 0 | 0 | %100 |
| 28 | M19 | Z | -.081 | -.081 | 0 | %100 |
| 29 | M20 | X | 0 | 0 | 0 | %100 |
| 30 | M20 | Z | -.081 | -.081 | 0 | %100 |
| 31 | M21 | X | 0 | 0 | 0 | %100 |
| 32 | M21 | Z | -.081 | -.081 | 0 | %100 |
| 33 | M24 | X | 0 | 0 | 0 | %100 |
| 34 | M24 | Z | -.081 | -.081 | 0 | %100 |
| 35 | M25 | X | 0 | 0 | 0 | %100 |
| 36 | M25 | Z | -.081 | -.081 | 0 | %100 |
| 37 | M26 | X | 0 | 0 | 0 | %100 |
| 38 | M26 | Z | -.081 | -.081 | 0 | %100 |
| 39 | M27 | X | 0 | 0 | 0 | %100 |
| 40 | M27 | Z | -.081 | -.081 | 0 | %100 |
| 41 | M28 | X | 0 | 0 | 0 | %100 |
| 42 | M28 | Z | -.081 | -.081 | 0 | %100 |
| 43 | M29 | X | 0 | 0 | 0 | %100 |
| 44 | M29 | Z | -.081 | -.081 | 0 | %100 |
| 45 | M32 | X | 0 | 0 | 0 | %100 |
| 46 | M32 | Z | -.33 | -.33 | 0 | %100 |
| 47 | M33 | X | 0 | 0 | 0 | %100 |
| 48 | M33 | Z | -.33 | -.33 | 0 | %100 |
| 49 | M34 | X | 0 | 0 | 0 | %100 |
| 50 | M34 | Z | -.33 | -.33 | 0 | %100 |
| 51 | M35 | X | 0 | 0 | 0 | %100 |
| 52 | M35 | Z | -.205 | -.205 | 0 | %100 |
| 53 | M36 | X | 0 | 0 | 0 | %100 |
| 54 | M36 | Z | -.214 | -.214 | 0 | %100 |
| 55 | M37 | X | 0 | 0 | 0 | %100 |
| 56 | M37 | Z | -.33 | -.33 | 0 | %100 |
| 57 | M38 | X | 0 | 0 | 0 | %100 |
| 58 | M38 | Z | -.33 | -.33 | 0 | %100 |
| 59 | M39 | X | 0 | 0 | 0 | %100 |
| 60 | M39 | Z | -.33 | -.33 | 0 | %100 |
| 61 | M40 | X | 0 | 0 | 0 | %100 |
| 62 | M40 | Z | -.205 | -.205 | 0 | %100 |
| 63 | M41 | X | 0 | 0 | 0 | %100 |
| 64 | M41 | Z | -.214 | -.214 | 0 | %100 |
| 65 | M41A | X | 0 | 0 | 0 | %100 |
| 66 | M41A | Z | -.623 | -.623 | 0 | %100 |
| 67 | FACE | X | 0 | 0 | 0 | %100 |
| 68 | FACE | Z | -.623 | -.623 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 69 | MP1A | X | 0 | 0 | 0 | %100 |
| 70 | MP1A | Z | -.515 | -.515 | 0 | %100 |
| 71 | MP2A | X | 0 | 0 | 0 | %100 |
| 72 | MP2A | Z | -.515 | -.515 | 0 | %100 |
| 73 | MP3A | X | 0 | 0 | 0 | %100 |
| 74 | MP3A | Z | -.515 | -.515 | 0 | %100 |
| 75 | MP4A | X | 0 | 0 | 0 | %100 |
| 76 | MP4A | Z | -.515 | -.515 | 0 | %100 |
| 77 | MP5A | X | 0 | 0 | 0 | %100 |
| 78 | MP5A | Z | -.515 | -.515 | 0 | %100 |
| 79 | M58 | X | 0 | 0 | 0 | %100 |
| 80 | M58 | Z | -.42 | -.42 | 0 | %100 |
| 81 | M59 | X | 0 | 0 | 0 | %100 |
| 82 | M59 | Z | -.061 | -.061 | 0 | %100 |
| 83 | M60 | X | 0 | 0 | 0 | %100 |
| 84 | M60 | Z | -.061 | -.061 | 0 | %100 |
| 85 | M61 | X | 0 | 0 | 0 | %100 |
| 86 | M61 | Z | -.061 | -.061 | 0 | %100 |
| 87 | M62 | X | 0 | 0 | 0 | %100 |
| 88 | M62 | Z | -.061 | -.061 | 0 | %100 |
| 89 | M63 | X | 0 | 0 | 0 | %100 |
| 90 | M63 | Z | -.386 | -.386 | 0 | %100 |
| 91 | M64 | X | 0 | 0 | 0 | %100 |
| 92 | M64 | Z | -.386 | -.386 | 0 | %100 |
| 93 | M65 | X | 0 | 0 | 0 | %100 |
| 94 | M65 | Z | -.386 | -.386 | 0 | %100 |
| 95 | M66 | X | 0 | 0 | 0 | %100 |
| 96 | M66 | Z | -.386 | -.386 | 0 | %100 |
| 97 | M71 | X | 0 | 0 | 0 | %100 |
| 98 | M71 | Z | -.515 | -.515 | 0 | %100 |
| 99 | M72 | X | 0 | 0 | 0 | %100 |
| 100 | M72 | Z | -.515 | -.515 | 0 | %100 |
| 101 | M73 | X | 0 | 0 | 0 | %100 |
| 102 | M73 | Z | -.081 | -.081 | 0 | %100 |
| 103 | M74 | X | 0 | 0 | 0 | %100 |
| 104 | M74 | Z | -.081 | -.081 | 0 | %100 |
| 105 | M75 | X | 0 | 0 | 0 | %100 |
| 106 | M75 | Z | -.081 | -.081 | 0 | %100 |
| 107 | M76 | X | 0 | 0 | 0 | %100 |
| 108 | M76 | Z | -.081 | -.081 | 0 | %100 |
| 109 | M77 | X | 0 | 0 | 0 | %100 |
| 110 | M77 | Z | -.081 | -.081 | 0 | %100 |
| 111 | M78 | X | 0 | 0 | 0 | %100 |
| 112 | M78 | Z | -.081 | -.081 | 0 | %100 |
| 113 | M79 | X | 0 | 0 | 0 | %100 |
| 114 | M79 | Z | -.081 | -.081 | 0 | %100 |
| 115 | M80 | X | 0 | 0 | 0 | %100 |
| 116 | M80 | Z | -.081 | -.081 | 0 | %100 |
| 117 | M81 | X | 0 | 0 | 0 | %100 |
| 118 | M81 | Z | -.081 | -.081 | 0 | %100 |
| 119 | M82 | X | 0 | 0 | 0 | %100 |
| 120 | M82 | Z | -.081 | -.081 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 121 | M83 | X | 0 | 0 | 0 | %100 |
| 122 | M83 | Z | -.081 | -.081 | 0 | %100 |
| 123 | M84 | X | 0 | 0 | 0 | %100 |
| 124 | M84 | Z | -.081 | -.081 | 0 | %100 |
| 125 | M85 | X | 0 | 0 | 0 | %100 |
| 126 | M85 | Z | -.33 | -.33 | 0 | %100 |
| 127 | M86 | X | 0 | 0 | 0 | %100 |
| 128 | M86 | Z | -.33 | -.33 | 0 | %100 |
| 129 | M87 | X | 0 | 0 | 0 | %100 |
| 130 | M87 | Z | -.33 | -.33 | 0 | %100 |
| 131 | M88 | X | 0 | 0 | 0 | %100 |
| 132 | M88 | Z | -.321 | -.321 | 0 | %100 |
| 133 | M89 | X | 0 | 0 | 0 | %100 |
| 134 | M89 | Z | -.324 | -.324 | 0 | %100 |
| 135 | M90 | X | 0 | 0 | 0 | %100 |
| 136 | M90 | Z | -.33 | -.33 | 0 | %100 |
| 137 | M91 | X | 0 | 0 | 0 | %100 |
| 138 | M91 | Z | -.33 | -.33 | 0 | %100 |
| 139 | M92 | X | 0 | 0 | 0 | %100 |
| 140 | M92 | Z | -.33 | -.33 | 0 | %100 |
| 141 | M93 | X | 0 | 0 | 0 | %100 |
| 142 | M93 | Z | -.321 | -.321 | 0 | %100 |
| 143 | M94 | X | 0 | 0 | 0 | %100 |
| 144 | M94 | Z | -.324 | -.324 | 0 | %100 |
| 145 | M99 | X | 0 | 0 | 0 | %100 |
| 146 | M99 | Z | -.156 | -.156 | 0 | %100 |
| 147 | M100 | X | 0 | 0 | 0 | %100 |
| 148 | M100 | Z | -.156 | -.156 | 0 | %100 |
| 149 | MP1C | X | 0 | 0 | 0 | %100 |
| 150 | MP1C | Z | -.515 | -.515 | 0 | %100 |
| 151 | MP2C | X | 0 | 0 | 0 | %100 |
| 152 | MP2C | Z | -.515 | -.515 | 0 | %100 |
| 153 | MP3C | X | 0 | 0 | 0 | %100 |
| 154 | MP3C | Z | -.515 | -.515 | 0 | %100 |
| 155 | MP4C | X | 0 | 0 | 0 | %100 |
| 156 | MP4C | Z | -.515 | -.515 | 0 | %100 |
| 157 | MP5C | X | 0 | 0 | 0 | %100 |
| 158 | MP5C | Z | -.515 | -.515 | 0 | %100 |
| 159 | M116 | X | 0 | 0 | 0 | %100 |
| 160 | M116 | Z | -.469 | -.469 | 0 | %100 |
| 161 | M117 | X | 0 | 0 | 0 | %100 |
| 162 | M117 | Z | -.061 | -.061 | 0 | %100 |
| 163 | M118 | X | 0 | 0 | 0 | %100 |
| 164 | M118 | Z | -.061 | -.061 | 0 | %100 |
| 165 | M119 | X | 0 | 0 | 0 | %100 |
| 166 | M119 | Z | -.061 | -.061 | 0 | %100 |
| 167 | M120 | X | 0 | 0 | 0 | %100 |
| 168 | M120 | Z | -.061 | -.061 | 0 | %100 |
| 169 | M121 | X | 0 | 0 | 0 | %100 |
| 170 | M121 | Z | -.386 | -.386 | 0 | %100 |
| 171 | M122 | X | 0 | 0 | 0 | %100 |
| 172 | M122 | Z | -.386 | -.386 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 173 | M123 | X | 0 | 0 | 0 | %100 |
| 174 | M123 | Z | -.386 | -.386 | 0 | %100 |
| 175 | M124 | X | 0 | 0 | 0 | %100 |
| 176 | M124 | Z | -.386 | -.386 | 0 | %100 |
| 177 | M129 | X | 0 | 0 | 0 | %100 |
| 178 | M129 | Z | -.515 | -.515 | 0 | %100 |
| 179 | M130 | X | 0 | 0 | 0 | %100 |
| 180 | M130 | Z | -.515 | -.515 | 0 | %100 |
| 181 | M131 | X | 0 | 0 | 0 | %100 |
| 182 | M131 | Z | -.081 | -.081 | 0 | %100 |
| 183 | M132 | X | 0 | 0 | 0 | %100 |
| 184 | M132 | Z | -.081 | -.081 | 0 | %100 |
| 185 | M133 | X | 0 | 0 | 0 | %100 |
| 186 | M133 | Z | -.081 | -.081 | 0 | %100 |
| 187 | M134 | X | 0 | 0 | 0 | %100 |
| 188 | M134 | Z | -.081 | -.081 | 0 | %100 |
| 189 | M135 | X | 0 | 0 | 0 | %100 |
| 190 | M135 | Z | -.081 | -.081 | 0 | %100 |
| 191 | M136 | X | 0 | 0 | 0 | %100 |
| 192 | M136 | Z | -.081 | -.081 | 0 | %100 |
| 193 | M137 | X | 0 | 0 | 0 | %100 |
| 194 | M137 | Z | -.081 | -.081 | 0 | %100 |
| 195 | M138 | X | 0 | 0 | 0 | %100 |
| 196 | M138 | Z | -.081 | -.081 | 0 | %100 |
| 197 | M139 | X | 0 | 0 | 0 | %100 |
| 198 | M139 | Z | -.081 | -.081 | 0 | %100 |
| 199 | M140 | X | 0 | 0 | 0 | %100 |
| 200 | M140 | Z | -.081 | -.081 | 0 | %100 |
| 201 | M141 | X | 0 | 0 | 0 | %100 |
| 202 | M141 | Z | -.081 | -.081 | 0 | %100 |
| 203 | M142 | X | 0 | 0 | 0 | %100 |
| 204 | M142 | Z | -.081 | -.081 | 0 | %100 |
| 205 | M143 | X | 0 | 0 | 0 | %100 |
| 206 | M143 | Z | -.33 | -.33 | 0 | %100 |
| 207 | M144 | X | 0 | 0 | 0 | %100 |
| 208 | M144 | Z | -.33 | -.33 | 0 | %100 |
| 209 | M145 | X | 0 | 0 | 0 | %100 |
| 210 | M145 | Z | -.33 | -.33 | 0 | %100 |
| 211 | M146 | X | 0 | 0 | 0 | %100 |
| 212 | M146 | Z | -.321 | -.321 | 0 | %100 |
| 213 | M147 | X | 0 | 0 | 0 | %100 |
| 214 | M147 | Z | -.324 | -.324 | 0 | %100 |
| 215 | M148 | X | 0 | 0 | 0 | %100 |
| 216 | M148 | Z | -.33 | -.33 | 0 | %100 |
| 217 | M149 | X | 0 | 0 | 0 | %100 |
| 218 | M149 | Z | -.33 | -.33 | 0 | %100 |
| 219 | M150 | X | 0 | 0 | 0 | %100 |
| 220 | M150 | Z | -.33 | -.33 | 0 | %100 |
| 221 | M151 | X | 0 | 0 | 0 | %100 |
| 222 | M151 | Z | -.321 | -.321 | 0 | %100 |
| 223 | M152 | X | 0 | 0 | 0 | %100 |
| 224 | M152 | Z | -.324 | -.324 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 225 | M157 | X | 0 | 0 | 0 | %100 |
| 226 | M157 | Z | -.156 | -.156 | 0 | %100 |
| 227 | M158 | X | 0 | 0 | 0 | %100 |
| 228 | M158 | Z | -.156 | -.156 | 0 | %100 |
| 229 | MP1B | X | 0 | 0 | 0 | %100 |
| 230 | MP1B | Z | -.515 | -.515 | 0 | %100 |
| 231 | MP2B | X | 0 | 0 | 0 | %100 |
| 232 | MP2B | Z | -.515 | -.515 | 0 | %100 |
| 233 | MP3B | X | 0 | 0 | 0 | %100 |
| 234 | MP3B | Z | -.515 | -.515 | 0 | %100 |
| 235 | MP4B | X | 0 | 0 | 0 | %100 |
| 236 | MP4B | Z | -.515 | -.515 | 0 | %100 |
| 237 | MP5B | X | 0 | 0 | 0 | %100 |
| 238 | MP5B | Z | -.515 | -.515 | 0 | %100 |
| 239 | M174 | X | 0 | 0 | 0 | %100 |
| 240 | M174 | Z | -.004 | -.004 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | .01 | .01 | 0 | %100 |
| 2 | M1 | Z | -.018 | -.018 | 0 | %100 |
| 3 | M2 | X | .01 | .01 | 0 | %100 |
| 4 | M2 | Z | -.018 | -.018 | 0 | %100 |
| 5 | M3 | X | .01 | .01 | 0 | %100 |
| 6 | M3 | Z | -.018 | -.018 | 0 | %100 |
| 7 | M4 | X | .01 | .01 | 0 | %100 |
| 8 | M4 | Z | -.018 | -.018 | 0 | %100 |
| 9 | M5 | X | .064 | .064 | 0 | %100 |
| 10 | M5 | Z | -.111 | -.111 | 0 | %100 |
| 11 | M6 | X | .064 | .064 | 0 | %100 |
| 12 | M6 | Z | -.111 | -.111 | 0 | %100 |
| 13 | M7 | X | .064 | .064 | 0 | %100 |
| 14 | M7 | Z | -.111 | -.111 | 0 | %100 |
| 15 | M8 | X | .064 | .064 | 0 | %100 |
| 16 | M8 | Z | -.111 | -.111 | 0 | %100 |
| 17 | M13 | X | .257 | .257 | 0 | %100 |
| 18 | M13 | Z | -.446 | -.446 | 0 | %100 |
| 19 | M14 | X | .257 | .257 | 0 | %100 |
| 20 | M14 | Z | -.446 | -.446 | 0 | %100 |
| 21 | M16 | X | .114 | .114 | 0 | %100 |
| 22 | M16 | Z | -.197 | -.197 | 0 | %100 |
| 23 | M17 | X | .114 | .114 | 0 | %100 |
| 24 | M17 | Z | -.197 | -.197 | 0 | %100 |
| 25 | M18 | X | .114 | .114 | 0 | %100 |
| 26 | M18 | Z | -.197 | -.197 | 0 | %100 |
| 27 | M19 | X | .114 | .114 | 0 | %100 |
| 28 | M19 | Z | -.197 | -.197 | 0 | %100 |
| 29 | M20 | X | .114 | .114 | 0 | %100 |
| 30 | M20 | Z | -.197 | -.197 | 0 | %100 |
| 31 | M21 | X | .114 | .114 | 0 | %100 |
| 32 | M21 | Z | -.197 | -.197 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 33 | M24 | X | .114 | .114 | 0 | %100 |
| 34 | M24 | Z | -.197 | -.197 | 0 | %100 |
| 35 | M25 | X | .114 | .114 | 0 | %100 |
| 36 | M25 | Z | -.197 | -.197 | 0 | %100 |
| 37 | M26 | X | .114 | .114 | 0 | %100 |
| 38 | M26 | Z | -.197 | -.197 | 0 | %100 |
| 39 | M27 | X | .114 | .114 | 0 | %100 |
| 40 | M27 | Z | -.197 | -.197 | 0 | %100 |
| 41 | M28 | X | .114 | .114 | 0 | %100 |
| 42 | M28 | Z | -.197 | -.197 | 0 | %100 |
| 43 | M29 | X | .114 | .114 | 0 | %100 |
| 44 | M29 | Z | -.197 | -.197 | 0 | %100 |
| 45 | M32 | X | .165 | .165 | 0 | %100 |
| 46 | M32 | Z | -.286 | -.286 | 0 | %100 |
| 47 | M33 | X | .165 | .165 | 0 | %100 |
| 48 | M33 | Z | -.286 | -.286 | 0 | %100 |
| 49 | M34 | X | .165 | .165 | 0 | %100 |
| 50 | M34 | Z | -.286 | -.286 | 0 | %100 |
| 51 | M35 | X | .122 | .122 | 0 | %100 |
| 52 | M35 | Z | -.211 | -.211 | 0 | %100 |
| 53 | M36 | X | .125 | .125 | 0 | %100 |
| 54 | M36 | Z | -.217 | -.217 | 0 | %100 |
| 55 | M37 | X | .165 | .165 | 0 | %100 |
| 56 | M37 | Z | -.286 | -.286 | 0 | %100 |
| 57 | M38 | X | .165 | .165 | 0 | %100 |
| 58 | M38 | Z | -.286 | -.286 | 0 | %100 |
| 59 | M39 | X | .165 | .165 | 0 | %100 |
| 60 | M39 | Z | -.286 | -.286 | 0 | %100 |
| 61 | M40 | X | .122 | .122 | 0 | %100 |
| 62 | M40 | Z | -.211 | -.211 | 0 | %100 |
| 63 | M41 | X | .125 | .125 | 0 | %100 |
| 64 | M41 | Z | -.217 | -.217 | 0 | %100 |
| 65 | M41A | X | .234 | .234 | 0 | %100 |
| 66 | M41A | Z | -.405 | -.405 | 0 | %100 |
| 67 | FACE | X | .234 | .234 | 0 | %100 |
| 68 | FACE | Z | -.405 | -.405 | 0 | %100 |
| 69 | MP1A | X | .257 | .257 | 0 | %100 |
| 70 | MP1A | Z | -.446 | -.446 | 0 | %100 |
| 71 | MP2A | X | .257 | .257 | 0 | %100 |
| 72 | MP2A | Z | -.446 | -.446 | 0 | %100 |
| 73 | MP3A | X | .257 | .257 | 0 | %100 |
| 74 | MP3A | Z | -.446 | -.446 | 0 | %100 |
| 75 | MP4A | X | .257 | .257 | 0 | %100 |
| 76 | MP4A | Z | -.446 | -.446 | 0 | %100 |
| 77 | MP5A | X | .257 | .257 | 0 | %100 |
| 78 | MP5A | Z | -.446 | -.446 | 0 | %100 |
| 79 | M58 | X | .056 | .056 | 0 | %100 |
| 80 | M58 | Z | -.098 | -.098 | 0 | %100 |
| 81 | M59 | X | .01 | .01 | 0 | %100 |
| 82 | M59 | Z | -.018 | -.018 | 0 | %100 |
| 83 | M60 | X | .01 | .01 | 0 | %100 |
| 84 | M60 | Z | -.018 | -.018 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 85 | M61 | X | .01 | .01 | 0 | %100 |
| 86 | M61 | Z | -.018 | -.018 | 0 | %100 |
| 87 | M62 | X | .01 | .01 | 0 | %100 |
| 88 | M62 | Z | -.018 | -.018 | 0 | %100 |
| 89 | M63 | X | .064 | .064 | 0 | %100 |
| 90 | M63 | Z | -.111 | -.111 | 0 | %100 |
| 91 | M64 | X | .064 | .064 | 0 | %100 |
| 92 | M64 | Z | -.111 | -.111 | 0 | %100 |
| 93 | M65 | X | .064 | .064 | 0 | %100 |
| 94 | M65 | Z | -.111 | -.111 | 0 | %100 |
| 95 | M66 | X | .064 | .064 | 0 | %100 |
| 96 | M66 | Z | -.111 | -.111 | 0 | %100 |
| 97 | M71 | X | .257 | .257 | 0 | %100 |
| 98 | M71 | Z | -.446 | -.446 | 0 | %100 |
| 99 | M72 | X | .257 | .257 | 0 | %100 |
| 100 | M72 | Z | -.446 | -.446 | 0 | %100 |
| 101 | M73 | X | .114 | .114 | 0 | %100 |
| 102 | M73 | Z | -.197 | -.197 | 0 | %100 |
| 103 | M74 | X | .114 | .114 | 0 | %100 |
| 104 | M74 | Z | -.197 | -.197 | 0 | %100 |
| 105 | M75 | X | .114 | .114 | 0 | %100 |
| 106 | M75 | Z | -.197 | -.197 | 0 | %100 |
| 107 | M76 | X | .114 | .114 | 0 | %100 |
| 108 | M76 | Z | -.197 | -.197 | 0 | %100 |
| 109 | M77 | X | .114 | .114 | 0 | %100 |
| 110 | M77 | Z | -.197 | -.197 | 0 | %100 |
| 111 | M78 | X | .114 | .114 | 0 | %100 |
| 112 | M78 | Z | -.197 | -.197 | 0 | %100 |
| 113 | M79 | X | .114 | .114 | 0 | %100 |
| 114 | M79 | Z | -.197 | -.197 | 0 | %100 |
| 115 | M80 | X | .114 | .114 | 0 | %100 |
| 116 | M80 | Z | -.197 | -.197 | 0 | %100 |
| 117 | M81 | X | .114 | .114 | 0 | %100 |
| 118 | M81 | Z | -.197 | -.197 | 0 | %100 |
| 119 | M82 | X | .114 | .114 | 0 | %100 |
| 120 | M82 | Z | -.197 | -.197 | 0 | %100 |
| 121 | M83 | X | .114 | .114 | 0 | %100 |
| 122 | M83 | Z | -.197 | -.197 | 0 | %100 |
| 123 | M84 | X | .114 | .114 | 0 | %100 |
| 124 | M84 | Z | -.197 | -.197 | 0 | %100 |
| 125 | M85 | X | .165 | .165 | 0 | %100 |
| 126 | M85 | Z | -.286 | -.286 | 0 | %100 |
| 127 | M86 | X | .165 | .165 | 0 | %100 |
| 128 | M86 | Z | -.286 | -.286 | 0 | %100 |
| 129 | M87 | X | .165 | .165 | 0 | %100 |
| 130 | M87 | Z | -.286 | -.286 | 0 | %100 |
| 131 | M88 | X | .122 | .122 | 0 | %100 |
| 132 | M88 | Z | -.211 | -.211 | 0 | %100 |
| 133 | M89 | X | .125 | .125 | 0 | %100 |
| 134 | M89 | Z | -.217 | -.217 | 0 | %100 |
| 135 | M90 | X | .165 | .165 | 0 | %100 |
| 136 | M90 | Z | -.286 | -.286 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 137 | M91 | X | .165 | .165 | 0 | %100 |
| 138 | M91 | Z | -.286 | -.286 | 0 | %100 |
| 139 | M92 | X | .165 | .165 | 0 | %100 |
| 140 | M92 | Z | -.286 | -.286 | 0 | %100 |
| 141 | M93 | X | .122 | .122 | 0 | %100 |
| 142 | M93 | Z | -.211 | -.211 | 0 | %100 |
| 143 | M94 | X | .125 | .125 | 0 | %100 |
| 144 | M94 | Z | -.217 | -.217 | 0 | %100 |
| 145 | M99 | X | .234 | .234 | 0 | %100 |
| 146 | M99 | Z | -.405 | -.405 | 0 | %100 |
| 147 | M100 | X | .234 | .234 | 0 | %100 |
| 148 | M100 | Z | -.405 | -.405 | 0 | %100 |
| 149 | MP1C | X | .257 | .257 | 0 | %100 |
| 150 | MP1C | Z | -.446 | -.446 | 0 | %100 |
| 151 | MP2C | X | .257 | .257 | 0 | %100 |
| 152 | MP2C | Z | -.446 | -.446 | 0 | %100 |
| 153 | MP3C | X | .257 | .257 | 0 | %100 |
| 154 | MP3C | Z | -.446 | -.446 | 0 | %100 |
| 155 | MP4C | X | .257 | .257 | 0 | %100 |
| 156 | MP4C | Z | -.446 | -.446 | 0 | %100 |
| 157 | MP5C | X | .257 | .257 | 0 | %100 |
| 158 | MP5C | Z | -.446 | -.446 | 0 | %100 |
| 159 | M116 | X | .312 | .312 | 0 | %100 |
| 160 | M116 | Z | -.54 | -.54 | 0 | %100 |
| 161 | M117 | X | .041 | .041 | 0 | %100 |
| 162 | M117 | Z | -.07 | -.07 | 0 | %100 |
| 163 | M118 | X | .041 | .041 | 0 | %100 |
| 164 | M118 | Z | -.07 | -.07 | 0 | %100 |
| 165 | M119 | X | .041 | .041 | 0 | %100 |
| 166 | M119 | Z | -.07 | -.07 | 0 | %100 |
| 167 | M120 | X | .041 | .041 | 0 | %100 |
| 168 | M120 | Z | -.07 | -.07 | 0 | %100 |
| 169 | M121 | X | .257 | .257 | 0 | %100 |
| 170 | M121 | Z | -.446 | -.446 | 0 | %100 |
| 171 | M122 | X | .257 | .257 | 0 | %100 |
| 172 | M122 | Z | -.446 | -.446 | 0 | %100 |
| 173 | M123 | X | .257 | .257 | 0 | %100 |
| 174 | M123 | Z | -.446 | -.446 | 0 | %100 |
| 175 | M124 | X | .257 | .257 | 0 | %100 |
| 176 | M124 | Z | -.446 | -.446 | 0 | %100 |
| 177 | M129 | X | .257 | .257 | 0 | %100 |
| 178 | M129 | Z | -.446 | -.446 | 0 | %100 |
| 179 | M130 | X | .257 | .257 | 0 | %100 |
| 180 | M130 | Z | -.446 | -.446 | 0 | %100 |
| 181 | M131 | X | .114 | .114 | 0 | %100 |
| 182 | M131 | Z | -.197 | -.197 | 0 | %100 |
| 183 | M132 | X | .114 | .114 | 0 | %100 |
| 184 | M132 | Z | -.197 | -.197 | 0 | %100 |
| 185 | M133 | X | .114 | .114 | 0 | %100 |
| 186 | M133 | Z | -.197 | -.197 | 0 | %100 |
| 187 | M134 | X | .114 | .114 | 0 | %100 |
| 188 | M134 | Z | -.197 | -.197 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 189 | M135 | X | .114 | .114 | 0 | %100 |
| 190 | M135 | Z | -.197 | -.197 | 0 | %100 |
| 191 | M136 | X | .114 | .114 | 0 | %100 |
| 192 | M136 | Z | -.197 | -.197 | 0 | %100 |
| 193 | M137 | X | .114 | .114 | 0 | %100 |
| 194 | M137 | Z | -.197 | -.197 | 0 | %100 |
| 195 | M138 | X | .114 | .114 | 0 | %100 |
| 196 | M138 | Z | -.197 | -.197 | 0 | %100 |
| 197 | M139 | X | .114 | .114 | 0 | %100 |
| 198 | M139 | Z | -.197 | -.197 | 0 | %100 |
| 199 | M140 | X | .114 | .114 | 0 | %100 |
| 200 | M140 | Z | -.197 | -.197 | 0 | %100 |
| 201 | M141 | X | .114 | .114 | 0 | %100 |
| 202 | M141 | Z | -.197 | -.197 | 0 | %100 |
| 203 | M142 | X | .114 | .114 | 0 | %100 |
| 204 | M142 | Z | -.197 | -.197 | 0 | %100 |
| 205 | M143 | X | .165 | .165 | 0 | %100 |
| 206 | M143 | Z | -.286 | -.286 | 0 | %100 |
| 207 | M144 | X | .165 | .165 | 0 | %100 |
| 208 | M144 | Z | -.286 | -.286 | 0 | %100 |
| 209 | M145 | X | .165 | .165 | 0 | %100 |
| 210 | M145 | Z | -.286 | -.286 | 0 | %100 |
| 211 | M146 | X | .18 | .18 | 0 | %100 |
| 212 | M146 | Z | -.312 | -.312 | 0 | %100 |
| 213 | M147 | X | .18 | .18 | 0 | %100 |
| 214 | M147 | Z | -.312 | -.312 | 0 | %100 |
| 215 | M148 | X | .165 | .165 | 0 | %100 |
| 216 | M148 | Z | -.286 | -.286 | 0 | %100 |
| 217 | M149 | X | .165 | .165 | 0 | %100 |
| 218 | M149 | Z | -.286 | -.286 | 0 | %100 |
| 219 | M150 | X | .165 | .165 | 0 | %100 |
| 220 | M150 | Z | -.286 | -.286 | 0 | %100 |
| 221 | M151 | X | .18 | .18 | 0 | %100 |
| 222 | M151 | Z | -.312 | -.312 | 0 | %100 |
| 223 | M152 | X | .18 | .18 | 0 | %100 |
| 224 | M152 | Z | -.312 | -.312 | 0 | %100 |
| 225 | M157 | X | 0 | 0 | 0 | %100 |
| 226 | M157 | Z | 0 | 0 | 0 | %100 |
| 227 | M158 | X | 0 | 0 | 0 | %100 |
| 228 | M158 | Z | 0 | 0 | 0 | %100 |
| 229 | MP1B | X | .257 | .257 | 0 | %100 |
| 230 | MP1B | Z | -.446 | -.446 | 0 | %100 |
| 231 | MP2B | X | .257 | .257 | 0 | %100 |
| 232 | MP2B | Z | -.446 | -.446 | 0 | %100 |
| 233 | MP3B | X | .257 | .257 | 0 | %100 |
| 234 | MP3B | Z | -.446 | -.446 | 0 | %100 |
| 235 | MP4B | X | .257 | .257 | 0 | %100 |
| 236 | MP4B | Z | -.446 | -.446 | 0 | %100 |
| 237 | MP5B | X | .257 | .257 | 0 | %100 |
| 238 | MP5B | Z | -.446 | -.446 | 0 | %100 |
| 239 | M174 | X | .102 | .102 | 0 | %100 |
| 240 | M174 | Z | -.176 | -.176 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | .053 | .053 | 0 | %100 |
| 2 | M1 | Z | -.03 | -.03 | 0 | %100 |
| 3 | M2 | X | .053 | .053 | 0 | %100 |
| 4 | M2 | Z | -.03 | -.03 | 0 | %100 |
| 5 | M3 | X | .053 | .053 | 0 | %100 |
| 6 | M3 | Z | -.03 | -.03 | 0 | %100 |
| 7 | M4 | X | .053 | .053 | 0 | %100 |
| 8 | M4 | Z | -.03 | -.03 | 0 | %100 |
| 9 | M5 | X | .334 | .334 | 0 | %100 |
| 10 | M5 | Z | -.193 | -.193 | 0 | %100 |
| 11 | M6 | X | .334 | .334 | 0 | %100 |
| 12 | M6 | Z | -.193 | -.193 | 0 | %100 |
| 13 | M7 | X | .334 | .334 | 0 | %100 |
| 14 | M7 | Z | -.193 | -.193 | 0 | %100 |
| 15 | M8 | X | .334 | .334 | 0 | %100 |
| 16 | M8 | Z | -.193 | -.193 | 0 | %100 |
| 17 | M13 | X | .446 | .446 | 0 | %100 |
| 18 | M13 | Z | -.257 | -.257 | 0 | %100 |
| 19 | M14 | X | .446 | .446 | 0 | %100 |
| 20 | M14 | Z | -.257 | -.257 | 0 | %100 |
| 21 | M16 | X | .451 | .451 | 0 | %100 |
| 22 | M16 | Z | -.26 | -.26 | 0 | %100 |
| 23 | M17 | X | .451 | .451 | 0 | %100 |
| 24 | M17 | Z | -.26 | -.26 | 0 | %100 |
| 25 | M18 | X | .451 | .451 | 0 | %100 |
| 26 | M18 | Z | -.26 | -.26 | 0 | %100 |
| 27 | M19 | X | .451 | .451 | 0 | %100 |
| 28 | M19 | Z | -.26 | -.26 | 0 | %100 |
| 29 | M20 | X | .451 | .451 | 0 | %100 |
| 30 | M20 | Z | -.26 | -.26 | 0 | %100 |
| 31 | M21 | X | .451 | .451 | 0 | %100 |
| 32 | M21 | Z | -.26 | -.26 | 0 | %100 |
| 33 | M24 | X | .451 | .451 | 0 | %100 |
| 34 | M24 | Z | -.26 | -.26 | 0 | %100 |
| 35 | M25 | X | .451 | .451 | 0 | %100 |
| 36 | M25 | Z | -.26 | -.26 | 0 | %100 |
| 37 | M26 | X | .451 | .451 | 0 | %100 |
| 38 | M26 | Z | -.26 | -.26 | 0 | %100 |
| 39 | M27 | X | .451 | .451 | 0 | %100 |
| 40 | M27 | Z | -.26 | -.26 | 0 | %100 |
| 41 | M28 | X | .451 | .451 | 0 | %100 |
| 42 | M28 | Z | -.26 | -.26 | 0 | %100 |
| 43 | M29 | X | .451 | .451 | 0 | %100 |
| 44 | M29 | Z | -.26 | -.26 | 0 | %100 |
| 45 | M32 | X | .286 | .286 | 0 | %100 |
| 46 | M32 | Z | -.165 | -.165 | 0 | %100 |
| 47 | M33 | X | .286 | .286 | 0 | %100 |
| 48 | M33 | Z | -.165 | -.165 | 0 | %100 |
| 49 | M34 | X | .286 | .286 | 0 | %100 |
| 50 | M34 | Z | -.165 | -.165 | 0 | %100 |
| 51 | M35 | X | .278 | .278 | 0 | %100 |
| 52 | M35 | Z | -.161 | -.161 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 53 | M36 | X | .28 | .28 | 0 | %100 |
| 54 | M36 | Z | -.162 | -.162 | 0 | %100 |
| 55 | M37 | X | .286 | .286 | 0 | %100 |
| 56 | M37 | Z | -.165 | -.165 | 0 | %100 |
| 57 | M38 | X | .286 | .286 | 0 | %100 |
| 58 | M38 | Z | -.165 | -.165 | 0 | %100 |
| 59 | M39 | X | .286 | .286 | 0 | %100 |
| 60 | M39 | Z | -.165 | -.165 | 0 | %100 |
| 61 | M40 | X | .278 | .278 | 0 | %100 |
| 62 | M40 | Z | -.161 | -.161 | 0 | %100 |
| 63 | M41 | X | .28 | .28 | 0 | %100 |
| 64 | M41 | Z | -.162 | -.162 | 0 | %100 |
| 65 | M41A | X | .135 | .135 | 0 | %100 |
| 66 | M41A | Z | -.078 | -.078 | 0 | %100 |
| 67 | FACE | X | .135 | .135 | 0 | %100 |
| 68 | FACE | Z | -.078 | -.078 | 0 | %100 |
| 69 | MP1A | X | .446 | .446 | 0 | %100 |
| 70 | MP1A | Z | -.257 | -.257 | 0 | %100 |
| 71 | MP2A | X | .446 | .446 | 0 | %100 |
| 72 | MP2A | Z | -.257 | -.257 | 0 | %100 |
| 73 | MP3A | X | .446 | .446 | 0 | %100 |
| 74 | MP3A | Z | -.257 | -.257 | 0 | %100 |
| 75 | MP4A | X | .446 | .446 | 0 | %100 |
| 76 | MP4A | Z | -.257 | -.257 | 0 | %100 |
| 77 | MP5A | X | .446 | .446 | 0 | %100 |
| 78 | MP5A | Z | -.257 | -.257 | 0 | %100 |
| 79 | M58 | X | .004 | .004 | 0 | %100 |
| 80 | M58 | Z | -.002 | -.002 | 0 | %100 |
| 81 | M59 | X | 0 | 0 | 0 | %100 |
| 82 | M59 | Z | 0 | 0 | 0 | %100 |
| 83 | M60 | X | 0 | 0 | 0 | %100 |
| 84 | M60 | Z | 0 | 0 | 0 | %100 |
| 85 | M61 | X | 0 | 0 | 0 | %100 |
| 86 | M61 | Z | 0 | 0 | 0 | %100 |
| 87 | M62 | X | 0 | 0 | 0 | %100 |
| 88 | M62 | Z | 0 | 0 | 0 | %100 |
| 89 | M63 | X | 0 | 0 | 0 | %100 |
| 90 | M63 | Z | 0 | 0 | 0 | %100 |
| 91 | M64 | X | 0 | 0 | 0 | %100 |
| 92 | M64 | Z | 0 | 0 | 0 | %100 |
| 93 | M65 | X | 0 | 0 | 0 | %100 |
| 94 | M65 | Z | 0 | 0 | 0 | %100 |
| 95 | M66 | X | 0 | 0 | 0 | %100 |
| 96 | M66 | Z | 0 | 0 | 0 | %100 |
| 97 | M71 | X | .446 | .446 | 0 | %100 |
| 98 | M71 | Z | -.257 | -.257 | 0 | %100 |
| 99 | M72 | X | .446 | .446 | 0 | %100 |
| 100 | M72 | Z | -.257 | -.257 | 0 | %100 |
| 101 | M73 | X | .451 | .451 | 0 | %100 |
| 102 | M73 | Z | -.26 | -.26 | 0 | %100 |
| 103 | M74 | X | .451 | .451 | 0 | %100 |
| 104 | M74 | Z | -.26 | -.26 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 105 | M75 | X | .451 | .451 | 0 | %100 |
| 106 | M75 | Z | -.26 | -.26 | 0 | %100 |
| 107 | M76 | X | .451 | .451 | 0 | %100 |
| 108 | M76 | Z | -.26 | -.26 | 0 | %100 |
| 109 | M77 | X | .451 | .451 | 0 | %100 |
| 110 | M77 | Z | -.26 | -.26 | 0 | %100 |
| 111 | M78 | X | .451 | .451 | 0 | %100 |
| 112 | M78 | Z | -.26 | -.26 | 0 | %100 |
| 113 | M79 | X | .451 | .451 | 0 | %100 |
| 114 | M79 | Z | -.26 | -.26 | 0 | %100 |
| 115 | M80 | X | .451 | .451 | 0 | %100 |
| 116 | M80 | Z | -.26 | -.26 | 0 | %100 |
| 117 | M81 | X | .451 | .451 | 0 | %100 |
| 118 | M81 | Z | -.26 | -.26 | 0 | %100 |
| 119 | M82 | X | .451 | .451 | 0 | %100 |
| 120 | M82 | Z | -.26 | -.26 | 0 | %100 |
| 121 | M83 | X | .451 | .451 | 0 | %100 |
| 122 | M83 | Z | -.26 | -.26 | 0 | %100 |
| 123 | M84 | X | .451 | .451 | 0 | %100 |
| 124 | M84 | Z | -.26 | -.26 | 0 | %100 |
| 125 | M85 | X | .286 | .286 | 0 | %100 |
| 126 | M85 | Z | -.165 | -.165 | 0 | %100 |
| 127 | M86 | X | .286 | .286 | 0 | %100 |
| 128 | M86 | Z | -.165 | -.165 | 0 | %100 |
| 129 | M87 | X | .286 | .286 | 0 | %100 |
| 130 | M87 | Z | -.165 | -.165 | 0 | %100 |
| 131 | M88 | X | .178 | .178 | 0 | %100 |
| 132 | M88 | Z | -.103 | -.103 | 0 | %100 |
| 133 | M89 | X | .186 | .186 | 0 | %100 |
| 134 | M89 | Z | -.107 | -.107 | 0 | %100 |
| 135 | M90 | X | .286 | .286 | 0 | %100 |
| 136 | M90 | Z | -.165 | -.165 | 0 | %100 |
| 137 | M91 | X | .286 | .286 | 0 | %100 |
| 138 | M91 | Z | -.165 | -.165 | 0 | %100 |
| 139 | M92 | X | .286 | .286 | 0 | %100 |
| 140 | M92 | Z | -.165 | -.165 | 0 | %100 |
| 141 | M93 | X | .178 | .178 | 0 | %100 |
| 142 | M93 | Z | -.103 | -.103 | 0 | %100 |
| 143 | M94 | X | .186 | .186 | 0 | %100 |
| 144 | M94 | Z | -.107 | -.107 | 0 | %100 |
| 145 | M99 | X | .54 | .54 | 0 | %100 |
| 146 | M99 | Z | -.312 | -.312 | 0 | %100 |
| 147 | M100 | X | .54 | .54 | 0 | %100 |
| 148 | M100 | Z | -.312 | -.312 | 0 | %100 |
| 149 | MP1C | X | .446 | .446 | 0 | %100 |
| 150 | MP1C | Z | -.257 | -.257 | 0 | %100 |
| 151 | MP2C | X | .446 | .446 | 0 | %100 |
| 152 | MP2C | Z | -.257 | -.257 | 0 | %100 |
| 153 | MP3C | X | .446 | .446 | 0 | %100 |
| 154 | MP3C | Z | -.257 | -.257 | 0 | %100 |
| 155 | MP4C | X | .446 | .446 | 0 | %100 |
| 156 | MP4C | Z | -.257 | -.257 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 157 | MP5C | X | .446 | .446 | 0 | %100 |
| 158 | MP5C | Z | -.257 | -.257 | 0 | %100 |
| 159 | M116 | X | .404 | .404 | 0 | %100 |
| 160 | M116 | Z | -.233 | -.233 | 0 | %100 |
| 161 | M117 | X | .053 | .053 | 0 | %100 |
| 162 | M117 | Z | -.03 | -.03 | 0 | %100 |
| 163 | M118 | X | .053 | .053 | 0 | %100 |
| 164 | M118 | Z | -.03 | -.03 | 0 | %100 |
| 165 | M119 | X | .053 | .053 | 0 | %100 |
| 166 | M119 | Z | -.03 | -.03 | 0 | %100 |
| 167 | M120 | X | .053 | .053 | 0 | %100 |
| 168 | M120 | Z | -.03 | -.03 | 0 | %100 |
| 169 | M121 | X | .334 | .334 | 0 | %100 |
| 170 | M121 | Z | -.193 | -.193 | 0 | %100 |
| 171 | M122 | X | .334 | .334 | 0 | %100 |
| 172 | M122 | Z | -.193 | -.193 | 0 | %100 |
| 173 | M123 | X | .334 | .334 | 0 | %100 |
| 174 | M123 | Z | -.193 | -.193 | 0 | %100 |
| 175 | M124 | X | .334 | .334 | 0 | %100 |
| 176 | M124 | Z | -.193 | -.193 | 0 | %100 |
| 177 | M129 | X | .446 | .446 | 0 | %100 |
| 178 | M129 | Z | -.257 | -.257 | 0 | %100 |
| 179 | M130 | X | .446 | .446 | 0 | %100 |
| 180 | M130 | Z | -.257 | -.257 | 0 | %100 |
| 181 | M131 | X | .451 | .451 | 0 | %100 |
| 182 | M131 | Z | -.26 | -.26 | 0 | %100 |
| 183 | M132 | X | .451 | .451 | 0 | %100 |
| 184 | M132 | Z | -.26 | -.26 | 0 | %100 |
| 185 | M133 | X | .451 | .451 | 0 | %100 |
| 186 | M133 | Z | -.26 | -.26 | 0 | %100 |
| 187 | M134 | X | .451 | .451 | 0 | %100 |
| 188 | M134 | Z | -.26 | -.26 | 0 | %100 |
| 189 | M135 | X | .451 | .451 | 0 | %100 |
| 190 | M135 | Z | -.26 | -.26 | 0 | %100 |
| 191 | M136 | X | .451 | .451 | 0 | %100 |
| 192 | M136 | Z | -.26 | -.26 | 0 | %100 |
| 193 | M137 | X | .451 | .451 | 0 | %100 |
| 194 | M137 | Z | -.26 | -.26 | 0 | %100 |
| 195 | M138 | X | .451 | .451 | 0 | %100 |
| 196 | M138 | Z | -.26 | -.26 | 0 | %100 |
| 197 | M139 | X | .451 | .451 | 0 | %100 |
| 198 | M139 | Z | -.26 | -.26 | 0 | %100 |
| 199 | M140 | X | .451 | .451 | 0 | %100 |
| 200 | M140 | Z | -.26 | -.26 | 0 | %100 |
| 201 | M141 | X | .451 | .451 | 0 | %100 |
| 202 | M141 | Z | -.26 | -.26 | 0 | %100 |
| 203 | M142 | X | .451 | .451 | 0 | %100 |
| 204 | M142 | Z | -.26 | -.26 | 0 | %100 |
| 205 | M143 | X | .286 | .286 | 0 | %100 |
| 206 | M143 | Z | -.165 | -.165 | 0 | %100 |
| 207 | M144 | X | .286 | .286 | 0 | %100 |
| 208 | M144 | Z | -.165 | -.165 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 209 | M145 | X | .286 | .286 | 0 | %100 |
| 210 | M145 | Z | -.165 | -.165 | 0 | %100 |
| 211 | M146 | X | .278 | .278 | 0 | %100 |
| 212 | M146 | Z | -.161 | -.161 | 0 | %100 |
| 213 | M147 | X | .28 | .28 | 0 | %100 |
| 214 | M147 | Z | -.162 | -.162 | 0 | %100 |
| 215 | M148 | X | .286 | .286 | 0 | %100 |
| 216 | M148 | Z | -.165 | -.165 | 0 | %100 |
| 217 | M149 | X | .286 | .286 | 0 | %100 |
| 218 | M149 | Z | -.165 | -.165 | 0 | %100 |
| 219 | M150 | X | .286 | .286 | 0 | %100 |
| 220 | M150 | Z | -.165 | -.165 | 0 | %100 |
| 221 | M151 | X | .278 | .278 | 0 | %100 |
| 222 | M151 | Z | -.161 | -.161 | 0 | %100 |
| 223 | M152 | X | .28 | .28 | 0 | %100 |
| 224 | M152 | Z | -.162 | -.162 | 0 | %100 |
| 225 | M157 | X | .135 | .135 | 0 | %100 |
| 226 | M157 | Z | -.078 | -.078 | 0 | %100 |
| 227 | M158 | X | .135 | .135 | 0 | %100 |
| 228 | M158 | Z | -.078 | -.078 | 0 | %100 |
| 229 | MP1B | X | .446 | .446 | 0 | %100 |
| 230 | MP1B | Z | -.257 | -.257 | 0 | %100 |
| 231 | MP2B | X | .446 | .446 | 0 | %100 |
| 232 | MP2B | Z | -.257 | -.257 | 0 | %100 |
| 233 | MP3B | X | .446 | .446 | 0 | %100 |
| 234 | MP3B | Z | -.257 | -.257 | 0 | %100 |
| 235 | MP4B | X | .446 | .446 | 0 | %100 |
| 236 | MP4B | Z | -.257 | -.257 | 0 | %100 |
| 237 | MP5B | X | .446 | .446 | 0 | %100 |
| 238 | MP5B | Z | -.257 | -.257 | 0 | %100 |
| 239 | M174 | X | .442 | .442 | 0 | %100 |
| 240 | M174 | Z | -.255 | -.255 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | .081 | .081 | 0 | %100 |
| 2 | M1 | Z | 0 | 0 | 0 | %100 |
| 3 | M2 | X | .081 | .081 | 0 | %100 |
| 4 | M2 | Z | 0 | 0 | 0 | %100 |
| 5 | M3 | X | .081 | .081 | 0 | %100 |
| 6 | M3 | Z | 0 | 0 | 0 | %100 |
| 7 | M4 | X | .081 | .081 | 0 | %100 |
| 8 | M4 | Z | 0 | 0 | 0 | %100 |
| 9 | M5 | X | .515 | .515 | 0 | %100 |
| 10 | M5 | Z | 0 | 0 | 0 | %100 |
| 11 | M6 | X | .515 | .515 | 0 | %100 |
| 12 | M6 | Z | 0 | 0 | 0 | %100 |
| 13 | M7 | X | .515 | .515 | 0 | %100 |
| 14 | M7 | Z | 0 | 0 | 0 | %100 |
| 15 | M8 | X | .515 | .515 | 0 | %100 |
| 16 | M8 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 17 | M13 | X | .515 | .515 | 0 | %100 |
| 18 | M13 | Z | 0 | 0 | 0 | %100 |
| 19 | M14 | X | .515 | .515 | 0 | %100 |
| 20 | M14 | Z | 0 | 0 | 0 | %100 |
| 21 | M16 | X | .667 | .667 | 0 | %100 |
| 22 | M16 | Z | 0 | 0 | 0 | %100 |
| 23 | M17 | X | .667 | .667 | 0 | %100 |
| 24 | M17 | Z | 0 | 0 | 0 | %100 |
| 25 | M18 | X | .667 | .667 | 0 | %100 |
| 26 | M18 | Z | 0 | 0 | 0 | %100 |
| 27 | M19 | X | .667 | .667 | 0 | %100 |
| 28 | M19 | Z | 0 | 0 | 0 | %100 |
| 29 | M20 | X | .667 | .667 | 0 | %100 |
| 30 | M20 | Z | 0 | 0 | 0 | %100 |
| 31 | M21 | X | .667 | .667 | 0 | %100 |
| 32 | M21 | Z | 0 | 0 | 0 | %100 |
| 33 | M24 | X | .667 | .667 | 0 | %100 |
| 34 | M24 | Z | 0 | 0 | 0 | %100 |
| 35 | M25 | X | .667 | .667 | 0 | %100 |
| 36 | M25 | Z | 0 | 0 | 0 | %100 |
| 37 | M26 | X | .667 | .667 | 0 | %100 |
| 38 | M26 | Z | 0 | 0 | 0 | %100 |
| 39 | M27 | X | .667 | .667 | 0 | %100 |
| 40 | M27 | Z | 0 | 0 | 0 | %100 |
| 41 | M28 | X | .667 | .667 | 0 | %100 |
| 42 | M28 | Z | 0 | 0 | 0 | %100 |
| 43 | M29 | X | .667 | .667 | 0 | %100 |
| 44 | M29 | Z | 0 | 0 | 0 | %100 |
| 45 | M32 | X | .33 | .33 | 0 | %100 |
| 46 | M32 | Z | 0 | 0 | 0 | %100 |
| 47 | M33 | X | .33 | .33 | 0 | %100 |
| 48 | M33 | Z | 0 | 0 | 0 | %100 |
| 49 | M34 | X | .33 | .33 | 0 | %100 |
| 50 | M34 | Z | 0 | 0 | 0 | %100 |
| 51 | M35 | X | .36 | .36 | 0 | %100 |
| 52 | M35 | Z | 0 | 0 | 0 | %100 |
| 53 | M36 | X | .36 | .36 | 0 | %100 |
| 54 | M36 | Z | 0 | 0 | 0 | %100 |
| 55 | M37 | X | .33 | .33 | 0 | %100 |
| 56 | M37 | Z | 0 | 0 | 0 | %100 |
| 57 | M38 | X | .33 | .33 | 0 | %100 |
| 58 | M38 | Z | 0 | 0 | 0 | %100 |
| 59 | M39 | X | .33 | .33 | 0 | %100 |
| 60 | M39 | Z | 0 | 0 | 0 | %100 |
| 61 | M40 | X | .36 | .36 | 0 | %100 |
| 62 | M40 | Z | 0 | 0 | 0 | %100 |
| 63 | M41 | X | .36 | .36 | 0 | %100 |
| 64 | M41 | Z | 0 | 0 | 0 | %100 |
| 65 | M41A | X | 0 | 0 | 0 | %100 |
| 66 | M41A | Z | 0 | 0 | 0 | %100 |
| 67 | FACE | X | 0 | 0 | 0 | %100 |
| 68 | FACE | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 69 | MP1A | X | .515 | .515 | 0 | %100 |
| 70 | MP1A | Z | 0 | 0 | 0 | %100 |
| 71 | MP2A | X | .515 | .515 | 0 | %100 |
| 72 | MP2A | Z | 0 | 0 | 0 | %100 |
| 73 | MP3A | X | .515 | .515 | 0 | %100 |
| 74 | MP3A | Z | 0 | 0 | 0 | %100 |
| 75 | MP4A | X | .515 | .515 | 0 | %100 |
| 76 | MP4A | Z | 0 | 0 | 0 | %100 |
| 77 | MP5A | X | .515 | .515 | 0 | %100 |
| 78 | MP5A | Z | 0 | 0 | 0 | %100 |
| 79 | M58 | X | .203 | .203 | 0 | %100 |
| 80 | M58 | Z | 0 | 0 | 0 | %100 |
| 81 | M59 | X | .02 | .02 | 0 | %100 |
| 82 | M59 | Z | 0 | 0 | 0 | %100 |
| 83 | M60 | X | .02 | .02 | 0 | %100 |
| 84 | M60 | Z | 0 | 0 | 0 | %100 |
| 85 | M61 | X | .02 | .02 | 0 | %100 |
| 86 | M61 | Z | 0 | 0 | 0 | %100 |
| 87 | M62 | X | .02 | .02 | 0 | %100 |
| 88 | M62 | Z | 0 | 0 | 0 | %100 |
| 89 | M63 | X | .129 | .129 | 0 | %100 |
| 90 | M63 | Z | 0 | 0 | 0 | %100 |
| 91 | M64 | X | .129 | .129 | 0 | %100 |
| 92 | M64 | Z | 0 | 0 | 0 | %100 |
| 93 | M65 | X | .129 | .129 | 0 | %100 |
| 94 | M65 | Z | 0 | 0 | 0 | %100 |
| 95 | M66 | X | .129 | .129 | 0 | %100 |
| 96 | M66 | Z | 0 | 0 | 0 | %100 |
| 97 | M71 | X | .515 | .515 | 0 | %100 |
| 98 | M71 | Z | 0 | 0 | 0 | %100 |
| 99 | M72 | X | .515 | .515 | 0 | %100 |
| 100 | M72 | Z | 0 | 0 | 0 | %100 |
| 101 | M73 | X | .667 | .667 | 0 | %100 |
| 102 | M73 | Z | 0 | 0 | 0 | %100 |
| 103 | M74 | X | .667 | .667 | 0 | %100 |
| 104 | M74 | Z | 0 | 0 | 0 | %100 |
| 105 | M75 | X | .667 | .667 | 0 | %100 |
| 106 | M75 | Z | 0 | 0 | 0 | %100 |
| 107 | M76 | X | .667 | .667 | 0 | %100 |
| 108 | M76 | Z | 0 | 0 | 0 | %100 |
| 109 | M77 | X | .667 | .667 | 0 | %100 |
| 110 | M77 | Z | 0 | 0 | 0 | %100 |
| 111 | M78 | X | .667 | .667 | 0 | %100 |
| 112 | M78 | Z | 0 | 0 | 0 | %100 |
| 113 | M79 | X | .667 | .667 | 0 | %100 |
| 114 | M79 | Z | 0 | 0 | 0 | %100 |
| 115 | M80 | X | .667 | .667 | 0 | %100 |
| 116 | M80 | Z | 0 | 0 | 0 | %100 |
| 117 | M81 | X | .667 | .667 | 0 | %100 |
| 118 | M81 | Z | 0 | 0 | 0 | %100 |
| 119 | M82 | X | .667 | .667 | 0 | %100 |
| 120 | M82 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 121 | M83 | X | .667 | .667 | 0 | %100 |
| 122 | M83 | Z | 0 | 0 | 0 | %100 |
| 123 | M84 | X | .667 | .667 | 0 | %100 |
| 124 | M84 | Z | 0 | 0 | 0 | %100 |
| 125 | M85 | X | .33 | .33 | 0 | %100 |
| 126 | M85 | Z | 0 | 0 | 0 | %100 |
| 127 | M86 | X | .33 | .33 | 0 | %100 |
| 128 | M86 | Z | 0 | 0 | 0 | %100 |
| 129 | M87 | X | .33 | .33 | 0 | %100 |
| 130 | M87 | Z | 0 | 0 | 0 | %100 |
| 131 | M88 | X | .244 | .244 | 0 | %100 |
| 132 | M88 | Z | 0 | 0 | 0 | %100 |
| 133 | M89 | X | .251 | .251 | 0 | %100 |
| 134 | M89 | Z | 0 | 0 | 0 | %100 |
| 135 | M90 | X | .33 | .33 | 0 | %100 |
| 136 | M90 | Z | 0 | 0 | 0 | %100 |
| 137 | M91 | X | .33 | .33 | 0 | %100 |
| 138 | M91 | Z | 0 | 0 | 0 | %100 |
| 139 | M92 | X | .33 | .33 | 0 | %100 |
| 140 | M92 | Z | 0 | 0 | 0 | %100 |
| 141 | M93 | X | .244 | .244 | 0 | %100 |
| 142 | M93 | Z | 0 | 0 | 0 | %100 |
| 143 | M94 | X | .251 | .251 | 0 | %100 |
| 144 | M94 | Z | 0 | 0 | 0 | %100 |
| 145 | M99 | X | .467 | .467 | 0 | %100 |
| 146 | M99 | Z | 0 | 0 | 0 | %100 |
| 147 | M100 | X | .467 | .467 | 0 | %100 |
| 148 | M100 | Z | 0 | 0 | 0 | %100 |
| 149 | MP1C | X | .515 | .515 | 0 | %100 |
| 150 | MP1C | Z | 0 | 0 | 0 | %100 |
| 151 | MP2C | X | .515 | .515 | 0 | %100 |
| 152 | MP2C | Z | 0 | 0 | 0 | %100 |
| 153 | MP3C | X | .515 | .515 | 0 | %100 |
| 154 | MP3C | Z | 0 | 0 | 0 | %100 |
| 155 | MP4C | X | .515 | .515 | 0 | %100 |
| 156 | MP4C | Z | 0 | 0 | 0 | %100 |
| 157 | MP5C | X | .515 | .515 | 0 | %100 |
| 158 | MP5C | Z | 0 | 0 | 0 | %100 |
| 159 | M116 | X | .154 | .154 | 0 | %100 |
| 160 | M116 | Z | 0 | 0 | 0 | %100 |
| 161 | M117 | X | .02 | .02 | 0 | %100 |
| 162 | M117 | Z | 0 | 0 | 0 | %100 |
| 163 | M118 | X | .02 | .02 | 0 | %100 |
| 164 | M118 | Z | 0 | 0 | 0 | %100 |
| 165 | M119 | X | .02 | .02 | 0 | %100 |
| 166 | M119 | Z | 0 | 0 | 0 | %100 |
| 167 | M120 | X | .02 | .02 | 0 | %100 |
| 168 | M120 | Z | 0 | 0 | 0 | %100 |
| 169 | M121 | X | .129 | .129 | 0 | %100 |
| 170 | M121 | Z | 0 | 0 | 0 | %100 |
| 171 | M122 | X | .129 | .129 | 0 | %100 |
| 172 | M122 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 173 | M123 | X | .129 | .129 | 0 | %100 |
| 174 | M123 | Z | 0 | 0 | 0 | %100 |
| 175 | M124 | X | .129 | .129 | 0 | %100 |
| 176 | M124 | Z | 0 | 0 | 0 | %100 |
| 177 | M129 | X | .515 | .515 | 0 | %100 |
| 178 | M129 | Z | 0 | 0 | 0 | %100 |
| 179 | M130 | X | .515 | .515 | 0 | %100 |
| 180 | M130 | Z | 0 | 0 | 0 | %100 |
| 181 | M131 | X | .667 | .667 | 0 | %100 |
| 182 | M131 | Z | 0 | 0 | 0 | %100 |
| 183 | M132 | X | .667 | .667 | 0 | %100 |
| 184 | M132 | Z | 0 | 0 | 0 | %100 |
| 185 | M133 | X | .667 | .667 | 0 | %100 |
| 186 | M133 | Z | 0 | 0 | 0 | %100 |
| 187 | M134 | X | .667 | .667 | 0 | %100 |
| 188 | M134 | Z | 0 | 0 | 0 | %100 |
| 189 | M135 | X | .667 | .667 | 0 | %100 |
| 190 | M135 | Z | 0 | 0 | 0 | %100 |
| 191 | M136 | X | .667 | .667 | 0 | %100 |
| 192 | M136 | Z | 0 | 0 | 0 | %100 |
| 193 | M137 | X | .667 | .667 | 0 | %100 |
| 194 | M137 | Z | 0 | 0 | 0 | %100 |
| 195 | M138 | X | .667 | .667 | 0 | %100 |
| 196 | M138 | Z | 0 | 0 | 0 | %100 |
| 197 | M139 | X | .667 | .667 | 0 | %100 |
| 198 | M139 | Z | 0 | 0 | 0 | %100 |
| 199 | M140 | X | .667 | .667 | 0 | %100 |
| 200 | M140 | Z | 0 | 0 | 0 | %100 |
| 201 | M141 | X | .667 | .667 | 0 | %100 |
| 202 | M141 | Z | 0 | 0 | 0 | %100 |
| 203 | M142 | X | .667 | .667 | 0 | %100 |
| 204 | M142 | Z | 0 | 0 | 0 | %100 |
| 205 | M143 | X | .33 | .33 | 0 | %100 |
| 206 | M143 | Z | 0 | 0 | 0 | %100 |
| 207 | M144 | X | .33 | .33 | 0 | %100 |
| 208 | M144 | Z | 0 | 0 | 0 | %100 |
| 209 | M145 | X | .33 | .33 | 0 | %100 |
| 210 | M145 | Z | 0 | 0 | 0 | %100 |
| 211 | M146 | X | .244 | .244 | 0 | %100 |
| 212 | M146 | Z | 0 | 0 | 0 | %100 |
| 213 | M147 | X | .251 | .251 | 0 | %100 |
| 214 | M147 | Z | 0 | 0 | 0 | %100 |
| 215 | M148 | X | .33 | .33 | 0 | %100 |
| 216 | M148 | Z | 0 | 0 | 0 | %100 |
| 217 | M149 | X | .33 | .33 | 0 | %100 |
| 218 | M149 | Z | 0 | 0 | 0 | %100 |
| 219 | M150 | X | .33 | .33 | 0 | %100 |
| 220 | M150 | Z | 0 | 0 | 0 | %100 |
| 221 | M151 | X | .244 | .244 | 0 | %100 |
| 222 | M151 | Z | 0 | 0 | 0 | %100 |
| 223 | M152 | X | .251 | .251 | 0 | %100 |
| 224 | M152 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 225 | M157 | X | .467 | .467 | 0 | %100 |
| 226 | M157 | Z | 0 | 0 | 0 | %100 |
| 227 | M158 | X | .467 | .467 | 0 | %100 |
| 228 | M158 | Z | 0 | 0 | 0 | %100 |
| 229 | MP1B | X | .515 | .515 | 0 | %100 |
| 230 | MP1B | Z | 0 | 0 | 0 | %100 |
| 231 | MP2B | X | .515 | .515 | 0 | %100 |
| 232 | MP2B | Z | 0 | 0 | 0 | %100 |
| 233 | MP3B | X | .515 | .515 | 0 | %100 |
| 234 | MP3B | Z | 0 | 0 | 0 | %100 |
| 235 | MP4B | X | .515 | .515 | 0 | %100 |
| 236 | MP4B | Z | 0 | 0 | 0 | %100 |
| 237 | MP5B | X | .515 | .515 | 0 | %100 |
| 238 | MP5B | Z | 0 | 0 | 0 | %100 |
| 239 | M174 | X | .619 | .619 | 0 | %100 |
| 240 | M174 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | .053 | .053 | 0 | %100 |
| 2 | M1 | Z | .03 | .03 | 0 | %100 |
| 3 | M2 | X | .053 | .053 | 0 | %100 |
| 4 | M2 | Z | .03 | .03 | 0 | %100 |
| 5 | M3 | X | .053 | .053 | 0 | %100 |
| 6 | M3 | Z | .03 | .03 | 0 | %100 |
| 7 | M4 | X | .053 | .053 | 0 | %100 |
| 8 | M4 | Z | .03 | .03 | 0 | %100 |
| 9 | M5 | X | .334 | .334 | 0 | %100 |
| 10 | M5 | Z | .193 | .193 | 0 | %100 |
| 11 | M6 | X | .334 | .334 | 0 | %100 |
| 12 | M6 | Z | .193 | .193 | 0 | %100 |
| 13 | M7 | X | .334 | .334 | 0 | %100 |
| 14 | M7 | Z | .193 | .193 | 0 | %100 |
| 15 | M8 | X | .334 | .334 | 0 | %100 |
| 16 | M8 | Z | .193 | .193 | 0 | %100 |
| 17 | M13 | X | .446 | .446 | 0 | %100 |
| 18 | M13 | Z | .257 | .257 | 0 | %100 |
| 19 | M14 | X | .446 | .446 | 0 | %100 |
| 20 | M14 | Z | .257 | .257 | 0 | %100 |
| 21 | M16 | X | .451 | .451 | 0 | %100 |
| 22 | M16 | Z | .26 | .26 | 0 | %100 |
| 23 | M17 | X | .451 | .451 | 0 | %100 |
| 24 | M17 | Z | .26 | .26 | 0 | %100 |
| 25 | M18 | X | .451 | .451 | 0 | %100 |
| 26 | M18 | Z | .26 | .26 | 0 | %100 |
| 27 | M19 | X | .451 | .451 | 0 | %100 |
| 28 | M19 | Z | .26 | .26 | 0 | %100 |
| 29 | M20 | X | .451 | .451 | 0 | %100 |
| 30 | M20 | Z | .26 | .26 | 0 | %100 |
| 31 | M21 | X | .451 | .451 | 0 | %100 |
| 32 | M21 | Z | .26 | .26 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 33 | M24 | X | .451 | .451 | 0 | %100 |
| 34 | M24 | Z | .26 | .26 | 0 | %100 |
| 35 | M25 | X | .451 | .451 | 0 | %100 |
| 36 | M25 | Z | .26 | .26 | 0 | %100 |
| 37 | M26 | X | .451 | .451 | 0 | %100 |
| 38 | M26 | Z | .26 | .26 | 0 | %100 |
| 39 | M27 | X | .451 | .451 | 0 | %100 |
| 40 | M27 | Z | .26 | .26 | 0 | %100 |
| 41 | M28 | X | .451 | .451 | 0 | %100 |
| 42 | M28 | Z | .26 | .26 | 0 | %100 |
| 43 | M29 | X | .451 | .451 | 0 | %100 |
| 44 | M29 | Z | .26 | .26 | 0 | %100 |
| 45 | M32 | X | .286 | .286 | 0 | %100 |
| 46 | M32 | Z | .165 | .165 | 0 | %100 |
| 47 | M33 | X | .286 | .286 | 0 | %100 |
| 48 | M33 | Z | .165 | .165 | 0 | %100 |
| 49 | M34 | X | .286 | .286 | 0 | %100 |
| 50 | M34 | Z | .165 | .165 | 0 | %100 |
| 51 | M35 | X | .278 | .278 | 0 | %100 |
| 52 | M35 | Z | .161 | .161 | 0 | %100 |
| 53 | M36 | X | .28 | .28 | 0 | %100 |
| 54 | M36 | Z | .162 | .162 | 0 | %100 |
| 55 | M37 | X | .286 | .286 | 0 | %100 |
| 56 | M37 | Z | .165 | .165 | 0 | %100 |
| 57 | M38 | X | .286 | .286 | 0 | %100 |
| 58 | M38 | Z | .165 | .165 | 0 | %100 |
| 59 | M39 | X | .286 | .286 | 0 | %100 |
| 60 | M39 | Z | .165 | .165 | 0 | %100 |
| 61 | M40 | X | .278 | .278 | 0 | %100 |
| 62 | M40 | Z | .161 | .161 | 0 | %100 |
| 63 | M41 | X | .28 | .28 | 0 | %100 |
| 64 | M41 | Z | .162 | .162 | 0 | %100 |
| 65 | M41A | X | .135 | .135 | 0 | %100 |
| 66 | M41A | Z | .078 | .078 | 0 | %100 |
| 67 | FACE | X | .135 | .135 | 0 | %100 |
| 68 | FACE | Z | .078 | .078 | 0 | %100 |
| 69 | MP1A | X | .446 | .446 | 0 | %100 |
| 70 | MP1A | Z | .257 | .257 | 0 | %100 |
| 71 | MP2A | X | .446 | .446 | 0 | %100 |
| 72 | MP2A | Z | .257 | .257 | 0 | %100 |
| 73 | MP3A | X | .446 | .446 | 0 | %100 |
| 74 | MP3A | Z | .257 | .257 | 0 | %100 |
| 75 | MP4A | X | .446 | .446 | 0 | %100 |
| 76 | MP4A | Z | .257 | .257 | 0 | %100 |
| 77 | MP5A | X | .446 | .446 | 0 | %100 |
| 78 | MP5A | Z | .257 | .257 | 0 | %100 |
| 79 | M58 | X | .442 | .442 | 0 | %100 |
| 80 | M58 | Z | .255 | .255 | 0 | %100 |
| 81 | M59 | X | .053 | .053 | 0 | %100 |
| 82 | M59 | Z | .03 | .03 | 0 | %100 |
| 83 | M60 | X | .053 | .053 | 0 | %100 |
| 84 | M60 | Z | .03 | .03 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 85 | M61 | X | .053 | .053 | 0 | %100 |
| 86 | M61 | Z | .03 | .03 | 0 | %100 |
| 87 | M62 | X | .053 | .053 | 0 | %100 |
| 88 | M62 | Z | .03 | .03 | 0 | %100 |
| 89 | M63 | X | .334 | .334 | 0 | %100 |
| 90 | M63 | Z | .193 | .193 | 0 | %100 |
| 91 | M64 | X | .334 | .334 | 0 | %100 |
| 92 | M64 | Z | .193 | .193 | 0 | %100 |
| 93 | M65 | X | .334 | .334 | 0 | %100 |
| 94 | M65 | Z | .193 | .193 | 0 | %100 |
| 95 | M66 | X | .334 | .334 | 0 | %100 |
| 96 | M66 | Z | .193 | .193 | 0 | %100 |
| 97 | M71 | X | .446 | .446 | 0 | %100 |
| 98 | M71 | Z | .257 | .257 | 0 | %100 |
| 99 | M72 | X | .446 | .446 | 0 | %100 |
| 100 | M72 | Z | .257 | .257 | 0 | %100 |
| 101 | M73 | X | .451 | .451 | 0 | %100 |
| 102 | M73 | Z | .26 | .26 | 0 | %100 |
| 103 | M74 | X | .451 | .451 | 0 | %100 |
| 104 | M74 | Z | .26 | .26 | 0 | %100 |
| 105 | M75 | X | .451 | .451 | 0 | %100 |
| 106 | M75 | Z | .26 | .26 | 0 | %100 |
| 107 | M76 | X | .451 | .451 | 0 | %100 |
| 108 | M76 | Z | .26 | .26 | 0 | %100 |
| 109 | M77 | X | .451 | .451 | 0 | %100 |
| 110 | M77 | Z | .26 | .26 | 0 | %100 |
| 111 | M78 | X | .451 | .451 | 0 | %100 |
| 112 | M78 | Z | .26 | .26 | 0 | %100 |
| 113 | M79 | X | .451 | .451 | 0 | %100 |
| 114 | M79 | Z | .26 | .26 | 0 | %100 |
| 115 | M80 | X | .451 | .451 | 0 | %100 |
| 116 | M80 | Z | .26 | .26 | 0 | %100 |
| 117 | M81 | X | .451 | .451 | 0 | %100 |
| 118 | M81 | Z | .26 | .26 | 0 | %100 |
| 119 | M82 | X | .451 | .451 | 0 | %100 |
| 120 | M82 | Z | .26 | .26 | 0 | %100 |
| 121 | M83 | X | .451 | .451 | 0 | %100 |
| 122 | M83 | Z | .26 | .26 | 0 | %100 |
| 123 | M84 | X | .451 | .451 | 0 | %100 |
| 124 | M84 | Z | .26 | .26 | 0 | %100 |
| 125 | M85 | X | .286 | .286 | 0 | %100 |
| 126 | M85 | Z | .165 | .165 | 0 | %100 |
| 127 | M86 | X | .286 | .286 | 0 | %100 |
| 128 | M86 | Z | .165 | .165 | 0 | %100 |
| 129 | M87 | X | .286 | .286 | 0 | %100 |
| 130 | M87 | Z | .165 | .165 | 0 | %100 |
| 131 | M88 | X | .278 | .278 | 0 | %100 |
| 132 | M88 | Z | .161 | .161 | 0 | %100 |
| 133 | M89 | X | .28 | .28 | 0 | %100 |
| 134 | M89 | Z | .162 | .162 | 0 | %100 |
| 135 | M90 | X | .286 | .286 | 0 | %100 |
| 136 | M90 | Z | .165 | .165 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 137 | M91 | X | .286 | .286 | 0 | %100 |
| 138 | M91 | Z | .165 | .165 | 0 | %100 |
| 139 | M92 | X | .286 | .286 | 0 | %100 |
| 140 | M92 | Z | .165 | .165 | 0 | %100 |
| 141 | M93 | X | .278 | .278 | 0 | %100 |
| 142 | M93 | Z | .161 | .161 | 0 | %100 |
| 143 | M94 | X | .28 | .28 | 0 | %100 |
| 144 | M94 | Z | .162 | .162 | 0 | %100 |
| 145 | M99 | X | .135 | .135 | 0 | %100 |
| 146 | M99 | Z | .078 | .078 | 0 | %100 |
| 147 | M100 | X | .135 | .135 | 0 | %100 |
| 148 | M100 | Z | .078 | .078 | 0 | %100 |
| 149 | MP1C | X | .446 | .446 | 0 | %100 |
| 150 | MP1C | Z | .257 | .257 | 0 | %100 |
| 151 | MP2C | X | .446 | .446 | 0 | %100 |
| 152 | MP2C | Z | .257 | .257 | 0 | %100 |
| 153 | MP3C | X | .446 | .446 | 0 | %100 |
| 154 | MP3C | Z | .257 | .257 | 0 | %100 |
| 155 | MP4C | X | .446 | .446 | 0 | %100 |
| 156 | MP4C | Z | .257 | .257 | 0 | %100 |
| 157 | MP5C | X | .446 | .446 | 0 | %100 |
| 158 | MP5C | Z | .257 | .257 | 0 | %100 |
| 159 | M116 | X | 4e-6 | 4e-6 | 0 | %100 |
| 160 | M116 | Z | 2e-6 | 2e-6 | 0 | %100 |
| 161 | M117 | X | 0 | 0 | 0 | %100 |
| 162 | M117 | Z | 0 | 0 | 0 | %100 |
| 163 | M118 | X | 0 | 0 | 0 | %100 |
| 164 | M118 | Z | 0 | 0 | 0 | %100 |
| 165 | M119 | X | 0 | 0 | 0 | %100 |
| 166 | M119 | Z | 0 | 0 | 0 | %100 |
| 167 | M120 | X | 0 | 0 | 0 | %100 |
| 168 | M120 | Z | 0 | 0 | 0 | %100 |
| 169 | M121 | X | 0 | 0 | 0 | %100 |
| 170 | M121 | Z | 0 | 0 | 0 | %100 |
| 171 | M122 | X | 0 | 0 | 0 | %100 |
| 172 | M122 | Z | 0 | 0 | 0 | %100 |
| 173 | M123 | X | 0 | 0 | 0 | %100 |
| 174 | M123 | Z | 0 | 0 | 0 | %100 |
| 175 | M124 | X | 0 | 0 | 0 | %100 |
| 176 | M124 | Z | 0 | 0 | 0 | %100 |
| 177 | M129 | X | .446 | .446 | 0 | %100 |
| 178 | M129 | Z | .257 | .257 | 0 | %100 |
| 179 | M130 | X | .446 | .446 | 0 | %100 |
| 180 | M130 | Z | .257 | .257 | 0 | %100 |
| 181 | M131 | X | .451 | .451 | 0 | %100 |
| 182 | M131 | Z | .26 | .26 | 0 | %100 |
| 183 | M132 | X | .451 | .451 | 0 | %100 |
| 184 | M132 | Z | .26 | .26 | 0 | %100 |
| 185 | M133 | X | .451 | .451 | 0 | %100 |
| 186 | M133 | Z | .26 | .26 | 0 | %100 |
| 187 | M134 | X | .451 | .451 | 0 | %100 |
| 188 | M134 | Z | .26 | .26 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 189 | M135 | X | .451 | .451 | 0 | %100 |
| 190 | M135 | Z | .26 | .26 | 0 | %100 |
| 191 | M136 | X | .451 | .451 | 0 | %100 |
| 192 | M136 | Z | .26 | .26 | 0 | %100 |
| 193 | M137 | X | .451 | .451 | 0 | %100 |
| 194 | M137 | Z | .26 | .26 | 0 | %100 |
| 195 | M138 | X | .451 | .451 | 0 | %100 |
| 196 | M138 | Z | .26 | .26 | 0 | %100 |
| 197 | M139 | X | .451 | .451 | 0 | %100 |
| 198 | M139 | Z | .26 | .26 | 0 | %100 |
| 199 | M140 | X | .451 | .451 | 0 | %100 |
| 200 | M140 | Z | .26 | .26 | 0 | %100 |
| 201 | M141 | X | .451 | .451 | 0 | %100 |
| 202 | M141 | Z | .26 | .26 | 0 | %100 |
| 203 | M142 | X | .451 | .451 | 0 | %100 |
| 204 | M142 | Z | .26 | .26 | 0 | %100 |
| 205 | M143 | X | .286 | .286 | 0 | %100 |
| 206 | M143 | Z | .165 | .165 | 0 | %100 |
| 207 | M144 | X | .286 | .286 | 0 | %100 |
| 208 | M144 | Z | .165 | .165 | 0 | %100 |
| 209 | M145 | X | .286 | .286 | 0 | %100 |
| 210 | M145 | Z | .165 | .165 | 0 | %100 |
| 211 | M146 | X | .178 | .178 | 0 | %100 |
| 212 | M146 | Z | .103 | .103 | 0 | %100 |
| 213 | M147 | X | .186 | .186 | 0 | %100 |
| 214 | M147 | Z | .107 | .107 | 0 | %100 |
| 215 | M148 | X | .286 | .286 | 0 | %100 |
| 216 | M148 | Z | .165 | .165 | 0 | %100 |
| 217 | M149 | X | .286 | .286 | 0 | %100 |
| 218 | M149 | Z | .165 | .165 | 0 | %100 |
| 219 | M150 | X | .286 | .286 | 0 | %100 |
| 220 | M150 | Z | .165 | .165 | 0 | %100 |
| 221 | M151 | X | .178 | .178 | 0 | %100 |
| 222 | M151 | Z | .103 | .103 | 0 | %100 |
| 223 | M152 | X | .186 | .186 | 0 | %100 |
| 224 | M152 | Z | .107 | .107 | 0 | %100 |
| 225 | M157 | X | .54 | .54 | 0 | %100 |
| 226 | M157 | Z | .312 | .312 | 0 | %100 |
| 227 | M158 | X | .54 | .54 | 0 | %100 |
| 228 | M158 | Z | .312 | .312 | 0 | %100 |
| 229 | MP1B | X | .446 | .446 | 0 | %100 |
| 230 | MP1B | Z | .257 | .257 | 0 | %100 |
| 231 | MP2B | X | .446 | .446 | 0 | %100 |
| 232 | MP2B | Z | .257 | .257 | 0 | %100 |
| 233 | MP3B | X | .446 | .446 | 0 | %100 |
| 234 | MP3B | Z | .257 | .257 | 0 | %100 |
| 235 | MP4B | X | .446 | .446 | 0 | %100 |
| 236 | MP4B | Z | .257 | .257 | 0 | %100 |
| 237 | MP5B | X | .446 | .446 | 0 | %100 |
| 238 | MP5B | Z | .257 | .257 | 0 | %100 |
| 239 | M174 | X | .364 | .364 | 0 | %100 |
| 240 | M174 | Z | .21 | .21 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | .01 | .01 | 0 | %100 |
| 2 | M1 | Z | .018 | .018 | 0 | %100 |
| 3 | M2 | X | .01 | .01 | 0 | %100 |
| 4 | M2 | Z | .018 | .018 | 0 | %100 |
| 5 | M3 | X | .01 | .01 | 0 | %100 |
| 6 | M3 | Z | .018 | .018 | 0 | %100 |
| 7 | M4 | X | .01 | .01 | 0 | %100 |
| 8 | M4 | Z | .018 | .018 | 0 | %100 |
| 9 | M5 | X | .064 | .064 | 0 | %100 |
| 10 | M5 | Z | .111 | .111 | 0 | %100 |
| 11 | M6 | X | .064 | .064 | 0 | %100 |
| 12 | M6 | Z | .111 | .111 | 0 | %100 |
| 13 | M7 | X | .064 | .064 | 0 | %100 |
| 14 | M7 | Z | .111 | .111 | 0 | %100 |
| 15 | M8 | X | .064 | .064 | 0 | %100 |
| 16 | M8 | Z | .111 | .111 | 0 | %100 |
| 17 | M13 | X | .257 | .257 | 0 | %100 |
| 18 | M13 | Z | .446 | .446 | 0 | %100 |
| 19 | M14 | X | .257 | .257 | 0 | %100 |
| 20 | M14 | Z | .446 | .446 | 0 | %100 |
| 21 | M16 | X | .114 | .114 | 0 | %100 |
| 22 | M16 | Z | .197 | .197 | 0 | %100 |
| 23 | M17 | X | .114 | .114 | 0 | %100 |
| 24 | M17 | Z | .197 | .197 | 0 | %100 |
| 25 | M18 | X | .114 | .114 | 0 | %100 |
| 26 | M18 | Z | .197 | .197 | 0 | %100 |
| 27 | M19 | X | .114 | .114 | 0 | %100 |
| 28 | M19 | Z | .197 | .197 | 0 | %100 |
| 29 | M20 | X | .114 | .114 | 0 | %100 |
| 30 | M20 | Z | .197 | .197 | 0 | %100 |
| 31 | M21 | X | .114 | .114 | 0 | %100 |
| 32 | M21 | Z | .197 | .197 | 0 | %100 |
| 33 | M24 | X | .114 | .114 | 0 | %100 |
| 34 | M24 | Z | .197 | .197 | 0 | %100 |
| 35 | M25 | X | .114 | .114 | 0 | %100 |
| 36 | M25 | Z | .197 | .197 | 0 | %100 |
| 37 | M26 | X | .114 | .114 | 0 | %100 |
| 38 | M26 | Z | .197 | .197 | 0 | %100 |
| 39 | M27 | X | .114 | .114 | 0 | %100 |
| 40 | M27 | Z | .197 | .197 | 0 | %100 |
| 41 | M28 | X | .114 | .114 | 0 | %100 |
| 42 | M28 | Z | .197 | .197 | 0 | %100 |
| 43 | M29 | X | .114 | .114 | 0 | %100 |
| 44 | M29 | Z | .197 | .197 | 0 | %100 |
| 45 | M32 | X | .165 | .165 | 0 | %100 |
| 46 | M32 | Z | .286 | .286 | 0 | %100 |
| 47 | M33 | X | .165 | .165 | 0 | %100 |
| 48 | M33 | Z | .286 | .286 | 0 | %100 |
| 49 | M34 | X | .165 | .165 | 0 | %100 |
| 50 | M34 | Z | .286 | .286 | 0 | %100 |
| 51 | M35 | X | .122 | .122 | 0 | %100 |
| 52 | M35 | Z | .211 | .211 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 53 | M36 | X | .125 | .125 | 0 | %100 |
| 54 | M36 | Z | .217 | .217 | 0 | %100 |
| 55 | M37 | X | .165 | .165 | 0 | %100 |
| 56 | M37 | Z | .286 | .286 | 0 | %100 |
| 57 | M38 | X | .165 | .165 | 0 | %100 |
| 58 | M38 | Z | .286 | .286 | 0 | %100 |
| 59 | M39 | X | .165 | .165 | 0 | %100 |
| 60 | M39 | Z | .286 | .286 | 0 | %100 |
| 61 | M40 | X | .122 | .122 | 0 | %100 |
| 62 | M40 | Z | .211 | .211 | 0 | %100 |
| 63 | M41 | X | .125 | .125 | 0 | %100 |
| 64 | M41 | Z | .217 | .217 | 0 | %100 |
| 65 | M41A | X | .234 | .234 | 0 | %100 |
| 66 | M41A | Z | .405 | .405 | 0 | %100 |
| 67 | FACE | X | .234 | .234 | 0 | %100 |
| 68 | FACE | Z | .405 | .405 | 0 | %100 |
| 69 | MP1A | X | .257 | .257 | 0 | %100 |
| 70 | MP1A | Z | .446 | .446 | 0 | %100 |
| 71 | MP2A | X | .257 | .257 | 0 | %100 |
| 72 | MP2A | Z | .446 | .446 | 0 | %100 |
| 73 | MP3A | X | .257 | .257 | 0 | %100 |
| 74 | MP3A | Z | .446 | .446 | 0 | %100 |
| 75 | MP4A | X | .257 | .257 | 0 | %100 |
| 76 | MP4A | Z | .446 | .446 | 0 | %100 |
| 77 | MP5A | X | .257 | .257 | 0 | %100 |
| 78 | MP5A | Z | .446 | .446 | 0 | %100 |
| 79 | M58 | X | .309 | .309 | 0 | %100 |
| 80 | M58 | Z | .536 | .536 | 0 | %100 |
| 81 | M59 | X | .041 | .041 | 0 | %100 |
| 82 | M59 | Z | .07 | .07 | 0 | %100 |
| 83 | M60 | X | .041 | .041 | 0 | %100 |
| 84 | M60 | Z | .07 | .07 | 0 | %100 |
| 85 | M61 | X | .041 | .041 | 0 | %100 |
| 86 | M61 | Z | .07 | .07 | 0 | %100 |
| 87 | M62 | X | .041 | .041 | 0 | %100 |
| 88 | M62 | Z | .07 | .07 | 0 | %100 |
| 89 | M63 | X | .257 | .257 | 0 | %100 |
| 90 | M63 | Z | .446 | .446 | 0 | %100 |
| 91 | M64 | X | .257 | .257 | 0 | %100 |
| 92 | M64 | Z | .446 | .446 | 0 | %100 |
| 93 | M65 | X | .257 | .257 | 0 | %100 |
| 94 | M65 | Z | .446 | .446 | 0 | %100 |
| 95 | M66 | X | .257 | .257 | 0 | %100 |
| 96 | M66 | Z | .446 | .446 | 0 | %100 |
| 97 | M71 | X | .257 | .257 | 0 | %100 |
| 98 | M71 | Z | .446 | .446 | 0 | %100 |
| 99 | M72 | X | .257 | .257 | 0 | %100 |
| 100 | M72 | Z | .446 | .446 | 0 | %100 |
| 101 | M73 | X | .114 | .114 | 0 | %100 |
| 102 | M73 | Z | .197 | .197 | 0 | %100 |
| 103 | M74 | X | .114 | .114 | 0 | %100 |
| 104 | M74 | Z | .197 | .197 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 105 | M75 | X | .114 | .114 | 0 | %100 |
| 106 | M75 | Z | .197 | .197 | 0 | %100 |
| 107 | M76 | X | .114 | .114 | 0 | %100 |
| 108 | M76 | Z | .197 | .197 | 0 | %100 |
| 109 | M77 | X | .114 | .114 | 0 | %100 |
| 110 | M77 | Z | .197 | .197 | 0 | %100 |
| 111 | M78 | X | .114 | .114 | 0 | %100 |
| 112 | M78 | Z | .197 | .197 | 0 | %100 |
| 113 | M79 | X | .114 | .114 | 0 | %100 |
| 114 | M79 | Z | .197 | .197 | 0 | %100 |
| 115 | M80 | X | .114 | .114 | 0 | %100 |
| 116 | M80 | Z | .197 | .197 | 0 | %100 |
| 117 | M81 | X | .114 | .114 | 0 | %100 |
| 118 | M81 | Z | .197 | .197 | 0 | %100 |
| 119 | M82 | X | .114 | .114 | 0 | %100 |
| 120 | M82 | Z | .197 | .197 | 0 | %100 |
| 121 | M83 | X | .114 | .114 | 0 | %100 |
| 122 | M83 | Z | .197 | .197 | 0 | %100 |
| 123 | M84 | X | .114 | .114 | 0 | %100 |
| 124 | M84 | Z | .197 | .197 | 0 | %100 |
| 125 | M85 | X | .165 | .165 | 0 | %100 |
| 126 | M85 | Z | .286 | .286 | 0 | %100 |
| 127 | M86 | X | .165 | .165 | 0 | %100 |
| 128 | M86 | Z | .286 | .286 | 0 | %100 |
| 129 | M87 | X | .165 | .165 | 0 | %100 |
| 130 | M87 | Z | .286 | .286 | 0 | %100 |
| 131 | M88 | X | .18 | .18 | 0 | %100 |
| 132 | M88 | Z | .312 | .312 | 0 | %100 |
| 133 | M89 | X | .18 | .18 | 0 | %100 |
| 134 | M89 | Z | .312 | .312 | 0 | %100 |
| 135 | M90 | X | .165 | .165 | 0 | %100 |
| 136 | M90 | Z | .286 | .286 | 0 | %100 |
| 137 | M91 | X | .165 | .165 | 0 | %100 |
| 138 | M91 | Z | .286 | .286 | 0 | %100 |
| 139 | M92 | X | .165 | .165 | 0 | %100 |
| 140 | M92 | Z | .286 | .286 | 0 | %100 |
| 141 | M93 | X | .18 | .18 | 0 | %100 |
| 142 | M93 | Z | .312 | .312 | 0 | %100 |
| 143 | M94 | X | .18 | .18 | 0 | %100 |
| 144 | M94 | Z | .312 | .312 | 0 | %100 |
| 145 | M99 | X | 0 | 0 | 0 | %100 |
| 146 | M99 | Z | 0 | 0 | 0 | %100 |
| 147 | M100 | X | 0 | 0 | 0 | %100 |
| 148 | M100 | Z | 0 | 0 | 0 | %100 |
| 149 | MP1C | X | .257 | .257 | 0 | %100 |
| 150 | MP1C | Z | .446 | .446 | 0 | %100 |
| 151 | MP2C | X | .257 | .257 | 0 | %100 |
| 152 | MP2C | Z | .446 | .446 | 0 | %100 |
| 153 | MP3C | X | .257 | .257 | 0 | %100 |
| 154 | MP3C | Z | .446 | .446 | 0 | %100 |
| 155 | MP4C | X | .257 | .257 | 0 | %100 |
| 156 | MP4C | Z | .446 | .446 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 157 | MP5C | X | .257 | .257 | 0 | %100 |
| 158 | MP5C | Z | .446 | .446 | 0 | %100 |
| 159 | M116 | X | .079 | .079 | 0 | %100 |
| 160 | M116 | Z | .136 | .136 | 0 | %100 |
| 161 | M117 | X | .01 | .01 | 0 | %100 |
| 162 | M117 | Z | .018 | .018 | 0 | %100 |
| 163 | M118 | X | .01 | .01 | 0 | %100 |
| 164 | M118 | Z | .018 | .018 | 0 | %100 |
| 165 | M119 | X | .01 | .01 | 0 | %100 |
| 166 | M119 | Z | .018 | .018 | 0 | %100 |
| 167 | M120 | X | .01 | .01 | 0 | %100 |
| 168 | M120 | Z | .018 | .018 | 0 | %100 |
| 169 | M121 | X | .064 | .064 | 0 | %100 |
| 170 | M121 | Z | .111 | .111 | 0 | %100 |
| 171 | M122 | X | .064 | .064 | 0 | %100 |
| 172 | M122 | Z | .111 | .111 | 0 | %100 |
| 173 | M123 | X | .064 | .064 | 0 | %100 |
| 174 | M123 | Z | .111 | .111 | 0 | %100 |
| 175 | M124 | X | .064 | .064 | 0 | %100 |
| 176 | M124 | Z | .111 | .111 | 0 | %100 |
| 177 | M129 | X | .257 | .257 | 0 | %100 |
| 178 | M129 | Z | .446 | .446 | 0 | %100 |
| 179 | M130 | X | .257 | .257 | 0 | %100 |
| 180 | M130 | Z | .446 | .446 | 0 | %100 |
| 181 | M131 | X | .114 | .114 | 0 | %100 |
| 182 | M131 | Z | .197 | .197 | 0 | %100 |
| 183 | M132 | X | .114 | .114 | 0 | %100 |
| 184 | M132 | Z | .197 | .197 | 0 | %100 |
| 185 | M133 | X | .114 | .114 | 0 | %100 |
| 186 | M133 | Z | .197 | .197 | 0 | %100 |
| 187 | M134 | X | .114 | .114 | 0 | %100 |
| 188 | M134 | Z | .197 | .197 | 0 | %100 |
| 189 | M135 | X | .114 | .114 | 0 | %100 |
| 190 | M135 | Z | .197 | .197 | 0 | %100 |
| 191 | M136 | X | .114 | .114 | 0 | %100 |
| 192 | M136 | Z | .197 | .197 | 0 | %100 |
| 193 | M137 | X | .114 | .114 | 0 | %100 |
| 194 | M137 | Z | .197 | .197 | 0 | %100 |
| 195 | M138 | X | .114 | .114 | 0 | %100 |
| 196 | M138 | Z | .197 | .197 | 0 | %100 |
| 197 | M139 | X | .114 | .114 | 0 | %100 |
| 198 | M139 | Z | .197 | .197 | 0 | %100 |
| 199 | M140 | X | .114 | .114 | 0 | %100 |
| 200 | M140 | Z | .197 | .197 | 0 | %100 |
| 201 | M141 | X | .114 | .114 | 0 | %100 |
| 202 | M141 | Z | .197 | .197 | 0 | %100 |
| 203 | M142 | X | .114 | .114 | 0 | %100 |
| 204 | M142 | Z | .197 | .197 | 0 | %100 |
| 205 | M143 | X | .165 | .165 | 0 | %100 |
| 206 | M143 | Z | .286 | .286 | 0 | %100 |
| 207 | M144 | X | .165 | .165 | 0 | %100 |
| 208 | M144 | Z | .286 | .286 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 209 | M145 | X | .165 | .165 | 0 | %100 |
| 210 | M145 | Z | .286 | .286 | 0 | %100 |
| 211 | M146 | X | .122 | .122 | 0 | %100 |
| 212 | M146 | Z | .211 | .211 | 0 | %100 |
| 213 | M147 | X | .125 | .125 | 0 | %100 |
| 214 | M147 | Z | .217 | .217 | 0 | %100 |
| 215 | M148 | X | .165 | .165 | 0 | %100 |
| 216 | M148 | Z | .286 | .286 | 0 | %100 |
| 217 | M149 | X | .165 | .165 | 0 | %100 |
| 218 | M149 | Z | .286 | .286 | 0 | %100 |
| 219 | M150 | X | .165 | .165 | 0 | %100 |
| 220 | M150 | Z | .286 | .286 | 0 | %100 |
| 221 | M151 | X | .122 | .122 | 0 | %100 |
| 222 | M151 | Z | .211 | .211 | 0 | %100 |
| 223 | M152 | X | .125 | .125 | 0 | %100 |
| 224 | M152 | Z | .217 | .217 | 0 | %100 |
| 225 | M157 | X | .234 | .234 | 0 | %100 |
| 226 | M157 | Z | .405 | .405 | 0 | %100 |
| 227 | M158 | X | .234 | .234 | 0 | %100 |
| 228 | M158 | Z | .405 | .405 | 0 | %100 |
| 229 | MP1B | X | .257 | .257 | 0 | %100 |
| 230 | MP1B | Z | .446 | .446 | 0 | %100 |
| 231 | MP2B | X | .257 | .257 | 0 | %100 |
| 232 | MP2B | Z | .446 | .446 | 0 | %100 |
| 233 | MP3B | X | .257 | .257 | 0 | %100 |
| 234 | MP3B | Z | .446 | .446 | 0 | %100 |
| 235 | MP4B | X | .257 | .257 | 0 | %100 |
| 236 | MP4B | Z | .446 | .446 | 0 | %100 |
| 237 | MP5B | X | .257 | .257 | 0 | %100 |
| 238 | MP5B | Z | .446 | .446 | 0 | %100 |
| 239 | M174 | X | .056 | .056 | 0 | %100 |
| 240 | M174 | Z | .098 | .098 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | 0 | 0 | 0 | %100 |
| 2 | M1 | Z | 0 | 0 | 0 | %100 |
| 3 | M2 | X | 0 | 0 | 0 | %100 |
| 4 | M2 | Z | 0 | 0 | 0 | %100 |
| 5 | M3 | X | 0 | 0 | 0 | %100 |
| 6 | M3 | Z | 0 | 0 | 0 | %100 |
| 7 | M4 | X | 0 | 0 | 0 | %100 |
| 8 | M4 | Z | 0 | 0 | 0 | %100 |
| 9 | M5 | X | 0 | 0 | 0 | %100 |
| 10 | M5 | Z | 0 | 0 | 0 | %100 |
| 11 | M6 | X | 0 | 0 | 0 | %100 |
| 12 | M6 | Z | 0 | 0 | 0 | %100 |
| 13 | M7 | X | 0 | 0 | 0 | %100 |
| 14 | M7 | Z | 0 | 0 | 0 | %100 |
| 15 | M8 | X | 0 | 0 | 0 | %100 |
| 16 | M8 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 17 | M13 | X | 0 | 0 | 0 | %100 |
| 18 | M13 | Z | .515 | .515 | 0 | %100 |
| 19 | M14 | X | 0 | 0 | 0 | %100 |
| 20 | M14 | Z | .515 | .515 | 0 | %100 |
| 21 | M16 | X | 0 | 0 | 0 | %100 |
| 22 | M16 | Z | .081 | .081 | 0 | %100 |
| 23 | M17 | X | 0 | 0 | 0 | %100 |
| 24 | M17 | Z | .081 | .081 | 0 | %100 |
| 25 | M18 | X | 0 | 0 | 0 | %100 |
| 26 | M18 | Z | .081 | .081 | 0 | %100 |
| 27 | M19 | X | 0 | 0 | 0 | %100 |
| 28 | M19 | Z | .081 | .081 | 0 | %100 |
| 29 | M20 | X | 0 | 0 | 0 | %100 |
| 30 | M20 | Z | .081 | .081 | 0 | %100 |
| 31 | M21 | X | 0 | 0 | 0 | %100 |
| 32 | M21 | Z | .081 | .081 | 0 | %100 |
| 33 | M24 | X | 0 | 0 | 0 | %100 |
| 34 | M24 | Z | .081 | .081 | 0 | %100 |
| 35 | M25 | X | 0 | 0 | 0 | %100 |
| 36 | M25 | Z | .081 | .081 | 0 | %100 |
| 37 | M26 | X | 0 | 0 | 0 | %100 |
| 38 | M26 | Z | .081 | .081 | 0 | %100 |
| 39 | M27 | X | 0 | 0 | 0 | %100 |
| 40 | M27 | Z | .081 | .081 | 0 | %100 |
| 41 | M28 | X | 0 | 0 | 0 | %100 |
| 42 | M28 | Z | .081 | .081 | 0 | %100 |
| 43 | M29 | X | 0 | 0 | 0 | %100 |
| 44 | M29 | Z | .081 | .081 | 0 | %100 |
| 45 | M32 | X | 0 | 0 | 0 | %100 |
| 46 | M32 | Z | .33 | .33 | 0 | %100 |
| 47 | M33 | X | 0 | 0 | 0 | %100 |
| 48 | M33 | Z | .33 | .33 | 0 | %100 |
| 49 | M34 | X | 0 | 0 | 0 | %100 |
| 50 | M34 | Z | .33 | .33 | 0 | %100 |
| 51 | M35 | X | 0 | 0 | 0 | %100 |
| 52 | M35 | Z | .205 | .205 | 0 | %100 |
| 53 | M36 | X | 0 | 0 | 0 | %100 |
| 54 | M36 | Z | .214 | .214 | 0 | %100 |
| 55 | M37 | X | 0 | 0 | 0 | %100 |
| 56 | M37 | Z | .33 | .33 | 0 | %100 |
| 57 | M38 | X | 0 | 0 | 0 | %100 |
| 58 | M38 | Z | .33 | .33 | 0 | %100 |
| 59 | M39 | X | 0 | 0 | 0 | %100 |
| 60 | M39 | Z | .33 | .33 | 0 | %100 |
| 61 | M40 | X | 0 | 0 | 0 | %100 |
| 62 | M40 | Z | .205 | .205 | 0 | %100 |
| 63 | M41 | X | 0 | 0 | 0 | %100 |
| 64 | M41 | Z | .214 | .214 | 0 | %100 |
| 65 | M41A | X | 0 | 0 | 0 | %100 |
| 66 | M41A | Z | .623 | .623 | 0 | %100 |
| 67 | FACE | X | 0 | 0 | 0 | %100 |
| 68 | FACE | Z | .623 | .623 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 69 | MP1A | X | 0 | 0 | 0 | %100 |
| 70 | MP1A | Z | .515 | .515 | 0 | %100 |
| 71 | MP2A | X | 0 | 0 | 0 | %100 |
| 72 | MP2A | Z | .515 | .515 | 0 | %100 |
| 73 | MP3A | X | 0 | 0 | 0 | %100 |
| 74 | MP3A | Z | .515 | .515 | 0 | %100 |
| 75 | MP4A | X | 0 | 0 | 0 | %100 |
| 76 | MP4A | Z | .515 | .515 | 0 | %100 |
| 77 | MP5A | X | 0 | 0 | 0 | %100 |
| 78 | MP5A | Z | .515 | .515 | 0 | %100 |
| 79 | M58 | X | 0 | 0 | 0 | %100 |
| 80 | M58 | Z | .42 | .42 | 0 | %100 |
| 81 | M59 | X | 0 | 0 | 0 | %100 |
| 82 | M59 | Z | .061 | .061 | 0 | %100 |
| 83 | M60 | X | 0 | 0 | 0 | %100 |
| 84 | M60 | Z | .061 | .061 | 0 | %100 |
| 85 | M61 | X | 0 | 0 | 0 | %100 |
| 86 | M61 | Z | .061 | .061 | 0 | %100 |
| 87 | M62 | X | 0 | 0 | 0 | %100 |
| 88 | M62 | Z | .061 | .061 | 0 | %100 |
| 89 | M63 | X | 0 | 0 | 0 | %100 |
| 90 | M63 | Z | .386 | .386 | 0 | %100 |
| 91 | M64 | X | 0 | 0 | 0 | %100 |
| 92 | M64 | Z | .386 | .386 | 0 | %100 |
| 93 | M65 | X | 0 | 0 | 0 | %100 |
| 94 | M65 | Z | .386 | .386 | 0 | %100 |
| 95 | M66 | X | 0 | 0 | 0 | %100 |
| 96 | M66 | Z | .386 | .386 | 0 | %100 |
| 97 | M71 | X | 0 | 0 | 0 | %100 |
| 98 | M71 | Z | .515 | .515 | 0 | %100 |
| 99 | M72 | X | 0 | 0 | 0 | %100 |
| 100 | M72 | Z | .515 | .515 | 0 | %100 |
| 101 | M73 | X | 0 | 0 | 0 | %100 |
| 102 | M73 | Z | .081 | .081 | 0 | %100 |
| 103 | M74 | X | 0 | 0 | 0 | %100 |
| 104 | M74 | Z | .081 | .081 | 0 | %100 |
| 105 | M75 | X | 0 | 0 | 0 | %100 |
| 106 | M75 | Z | .081 | .081 | 0 | %100 |
| 107 | M76 | X | 0 | 0 | 0 | %100 |
| 108 | M76 | Z | .081 | .081 | 0 | %100 |
| 109 | M77 | X | 0 | 0 | 0 | %100 |
| 110 | M77 | Z | .081 | .081 | 0 | %100 |
| 111 | M78 | X | 0 | 0 | 0 | %100 |
| 112 | M78 | Z | .081 | .081 | 0 | %100 |
| 113 | M79 | X | 0 | 0 | 0 | %100 |
| 114 | M79 | Z | .081 | .081 | 0 | %100 |
| 115 | M80 | X | 0 | 0 | 0 | %100 |
| 116 | M80 | Z | .081 | .081 | 0 | %100 |
| 117 | M81 | X | 0 | 0 | 0 | %100 |
| 118 | M81 | Z | .081 | .081 | 0 | %100 |
| 119 | M82 | X | 0 | 0 | 0 | %100 |
| 120 | M82 | Z | .081 | .081 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 121 | M83 | X | 0 | 0 | 0 | %100 |
| 122 | M83 | Z | .081 | .081 | 0 | %100 |
| 123 | M84 | X | 0 | 0 | 0 | %100 |
| 124 | M84 | Z | .081 | .081 | 0 | %100 |
| 125 | M85 | X | 0 | 0 | 0 | %100 |
| 126 | M85 | Z | .33 | .33 | 0 | %100 |
| 127 | M86 | X | 0 | 0 | 0 | %100 |
| 128 | M86 | Z | .33 | .33 | 0 | %100 |
| 129 | M87 | X | 0 | 0 | 0 | %100 |
| 130 | M87 | Z | .33 | .33 | 0 | %100 |
| 131 | M88 | X | 0 | 0 | 0 | %100 |
| 132 | M88 | Z | .321 | .321 | 0 | %100 |
| 133 | M89 | X | 0 | 0 | 0 | %100 |
| 134 | M89 | Z | .324 | .324 | 0 | %100 |
| 135 | M90 | X | 0 | 0 | 0 | %100 |
| 136 | M90 | Z | .33 | .33 | 0 | %100 |
| 137 | M91 | X | 0 | 0 | 0 | %100 |
| 138 | M91 | Z | .33 | .33 | 0 | %100 |
| 139 | M92 | X | 0 | 0 | 0 | %100 |
| 140 | M92 | Z | .33 | .33 | 0 | %100 |
| 141 | M93 | X | 0 | 0 | 0 | %100 |
| 142 | M93 | Z | .321 | .321 | 0 | %100 |
| 143 | M94 | X | 0 | 0 | 0 | %100 |
| 144 | M94 | Z | .324 | .324 | 0 | %100 |
| 145 | M99 | X | 0 | 0 | 0 | %100 |
| 146 | M99 | Z | .156 | .156 | 0 | %100 |
| 147 | M100 | X | 0 | 0 | 0 | %100 |
| 148 | M100 | Z | .156 | .156 | 0 | %100 |
| 149 | MP1C | X | 0 | 0 | 0 | %100 |
| 150 | MP1C | Z | .515 | .515 | 0 | %100 |
| 151 | MP2C | X | 0 | 0 | 0 | %100 |
| 152 | MP2C | Z | .515 | .515 | 0 | %100 |
| 153 | MP3C | X | 0 | 0 | 0 | %100 |
| 154 | MP3C | Z | .515 | .515 | 0 | %100 |
| 155 | MP4C | X | 0 | 0 | 0 | %100 |
| 156 | MP4C | Z | .515 | .515 | 0 | %100 |
| 157 | MP5C | X | 0 | 0 | 0 | %100 |
| 158 | MP5C | Z | .515 | .515 | 0 | %100 |
| 159 | M116 | X | 0 | 0 | 0 | %100 |
| 160 | M116 | Z | .469 | .469 | 0 | %100 |
| 161 | M117 | X | 0 | 0 | 0 | %100 |
| 162 | M117 | Z | .061 | .061 | 0 | %100 |
| 163 | M118 | X | 0 | 0 | 0 | %100 |
| 164 | M118 | Z | .061 | .061 | 0 | %100 |
| 165 | M119 | X | 0 | 0 | 0 | %100 |
| 166 | M119 | Z | .061 | .061 | 0 | %100 |
| 167 | M120 | X | 0 | 0 | 0 | %100 |
| 168 | M120 | Z | .061 | .061 | 0 | %100 |
| 169 | M121 | X | 0 | 0 | 0 | %100 |
| 170 | M121 | Z | .386 | .386 | 0 | %100 |
| 171 | M122 | X | 0 | 0 | 0 | %100 |
| 172 | M122 | Z | .386 | .386 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 173 | M123 | X | 0 | 0 | 0 | %100 |
| 174 | M123 | Z | .386 | .386 | 0 | %100 |
| 175 | M124 | X | 0 | 0 | 0 | %100 |
| 176 | M124 | Z | .386 | .386 | 0 | %100 |
| 177 | M129 | X | 0 | 0 | 0 | %100 |
| 178 | M129 | Z | .515 | .515 | 0 | %100 |
| 179 | M130 | X | 0 | 0 | 0 | %100 |
| 180 | M130 | Z | .515 | .515 | 0 | %100 |
| 181 | M131 | X | 0 | 0 | 0 | %100 |
| 182 | M131 | Z | .081 | .081 | 0 | %100 |
| 183 | M132 | X | 0 | 0 | 0 | %100 |
| 184 | M132 | Z | .081 | .081 | 0 | %100 |
| 185 | M133 | X | 0 | 0 | 0 | %100 |
| 186 | M133 | Z | .081 | .081 | 0 | %100 |
| 187 | M134 | X | 0 | 0 | 0 | %100 |
| 188 | M134 | Z | .081 | .081 | 0 | %100 |
| 189 | M135 | X | 0 | 0 | 0 | %100 |
| 190 | M135 | Z | .081 | .081 | 0 | %100 |
| 191 | M136 | X | 0 | 0 | 0 | %100 |
| 192 | M136 | Z | .081 | .081 | 0 | %100 |
| 193 | M137 | X | 0 | 0 | 0 | %100 |
| 194 | M137 | Z | .081 | .081 | 0 | %100 |
| 195 | M138 | X | 0 | 0 | 0 | %100 |
| 196 | M138 | Z | .081 | .081 | 0 | %100 |
| 197 | M139 | X | 0 | 0 | 0 | %100 |
| 198 | M139 | Z | .081 | .081 | 0 | %100 |
| 199 | M140 | X | 0 | 0 | 0 | %100 |
| 200 | M140 | Z | .081 | .081 | 0 | %100 |
| 201 | M141 | X | 0 | 0 | 0 | %100 |
| 202 | M141 | Z | .081 | .081 | 0 | %100 |
| 203 | M142 | X | 0 | 0 | 0 | %100 |
| 204 | M142 | Z | .081 | .081 | 0 | %100 |
| 205 | M143 | X | 0 | 0 | 0 | %100 |
| 206 | M143 | Z | .33 | .33 | 0 | %100 |
| 207 | M144 | X | 0 | 0 | 0 | %100 |
| 208 | M144 | Z | .33 | .33 | 0 | %100 |
| 209 | M145 | X | 0 | 0 | 0 | %100 |
| 210 | M145 | Z | .33 | .33 | 0 | %100 |
| 211 | M146 | X | 0 | 0 | 0 | %100 |
| 212 | M146 | Z | .321 | .321 | 0 | %100 |
| 213 | M147 | X | 0 | 0 | 0 | %100 |
| 214 | M147 | Z | .324 | .324 | 0 | %100 |
| 215 | M148 | X | 0 | 0 | 0 | %100 |
| 216 | M148 | Z | .33 | .33 | 0 | %100 |
| 217 | M149 | X | 0 | 0 | 0 | %100 |
| 218 | M149 | Z | .33 | .33 | 0 | %100 |
| 219 | M150 | X | 0 | 0 | 0 | %100 |
| 220 | M150 | Z | .33 | .33 | 0 | %100 |
| 221 | M151 | X | 0 | 0 | 0 | %100 |
| 222 | M151 | Z | .321 | .321 | 0 | %100 |
| 223 | M152 | X | 0 | 0 | 0 | %100 |
| 224 | M152 | Z | .324 | .324 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 225 | M157 | X | 0 | 0 | 0 | %100 |
| 226 | M157 | Z | .156 | .156 | 0 | %100 |
| 227 | M158 | X | 0 | 0 | 0 | %100 |
| 228 | M158 | Z | .156 | .156 | 0 | %100 |
| 229 | MP1B | X | 0 | 0 | 0 | %100 |
| 230 | MP1B | Z | .515 | .515 | 0 | %100 |
| 231 | MP2B | X | 0 | 0 | 0 | %100 |
| 232 | MP2B | Z | .515 | .515 | 0 | %100 |
| 233 | MP3B | X | 0 | 0 | 0 | %100 |
| 234 | MP3B | Z | .515 | .515 | 0 | %100 |
| 235 | MP4B | X | 0 | 0 | 0 | %100 |
| 236 | MP4B | Z | .515 | .515 | 0 | %100 |
| 237 | MP5B | X | 0 | 0 | 0 | %100 |
| 238 | MP5B | Z | .515 | .515 | 0 | %100 |
| 239 | M174 | X | 0 | 0 | 0 | %100 |
| 240 | M174 | Z | .004 | .004 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | -.01 | -.01 | 0 | %100 |
| 2 | M1 | Z | .018 | .018 | 0 | %100 |
| 3 | M2 | X | -.01 | -.01 | 0 | %100 |
| 4 | M2 | Z | .018 | .018 | 0 | %100 |
| 5 | M3 | X | -.01 | -.01 | 0 | %100 |
| 6 | M3 | Z | .018 | .018 | 0 | %100 |
| 7 | M4 | X | -.01 | -.01 | 0 | %100 |
| 8 | M4 | Z | .018 | .018 | 0 | %100 |
| 9 | M5 | X | -.064 | -.064 | 0 | %100 |
| 10 | M5 | Z | .111 | .111 | 0 | %100 |
| 11 | M6 | X | -.064 | -.064 | 0 | %100 |
| 12 | M6 | Z | .111 | .111 | 0 | %100 |
| 13 | M7 | X | -.064 | -.064 | 0 | %100 |
| 14 | M7 | Z | .111 | .111 | 0 | %100 |
| 15 | M8 | X | -.064 | -.064 | 0 | %100 |
| 16 | M8 | Z | .111 | .111 | 0 | %100 |
| 17 | M13 | X | -.257 | -.257 | 0 | %100 |
| 18 | M13 | Z | .446 | .446 | 0 | %100 |
| 19 | M14 | X | -.257 | -.257 | 0 | %100 |
| 20 | M14 | Z | .446 | .446 | 0 | %100 |
| 21 | M16 | X | -.114 | -.114 | 0 | %100 |
| 22 | M16 | Z | .197 | .197 | 0 | %100 |
| 23 | M17 | X | -.114 | -.114 | 0 | %100 |
| 24 | M17 | Z | .197 | .197 | 0 | %100 |
| 25 | M18 | X | -.114 | -.114 | 0 | %100 |
| 26 | M18 | Z | .197 | .197 | 0 | %100 |
| 27 | M19 | X | -.114 | -.114 | 0 | %100 |
| 28 | M19 | Z | .197 | .197 | 0 | %100 |
| 29 | M20 | X | -.114 | -.114 | 0 | %100 |
| 30 | M20 | Z | .197 | .197 | 0 | %100 |
| 31 | M21 | X | -.114 | -.114 | 0 | %100 |
| 32 | M21 | Z | .197 | .197 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 33 | M24 | X | -.114 | -.114 | 0 | %100 |
| 34 | M24 | Z | .197 | .197 | 0 | %100 |
| 35 | M25 | X | -.114 | -.114 | 0 | %100 |
| 36 | M25 | Z | .197 | .197 | 0 | %100 |
| 37 | M26 | X | -.114 | -.114 | 0 | %100 |
| 38 | M26 | Z | .197 | .197 | 0 | %100 |
| 39 | M27 | X | -.114 | -.114 | 0 | %100 |
| 40 | M27 | Z | .197 | .197 | 0 | %100 |
| 41 | M28 | X | -.114 | -.114 | 0 | %100 |
| 42 | M28 | Z | .197 | .197 | 0 | %100 |
| 43 | M29 | X | -.114 | -.114 | 0 | %100 |
| 44 | M29 | Z | .197 | .197 | 0 | %100 |
| 45 | M32 | X | -.165 | -.165 | 0 | %100 |
| 46 | M32 | Z | .286 | .286 | 0 | %100 |
| 47 | M33 | X | -.165 | -.165 | 0 | %100 |
| 48 | M33 | Z | .286 | .286 | 0 | %100 |
| 49 | M34 | X | -.165 | -.165 | 0 | %100 |
| 50 | M34 | Z | .286 | .286 | 0 | %100 |
| 51 | M35 | X | -.122 | -.122 | 0 | %100 |
| 52 | M35 | Z | .211 | .211 | 0 | %100 |
| 53 | M36 | X | -.125 | -.125 | 0 | %100 |
| 54 | M36 | Z | .217 | .217 | 0 | %100 |
| 55 | M37 | X | -.165 | -.165 | 0 | %100 |
| 56 | M37 | Z | .286 | .286 | 0 | %100 |
| 57 | M38 | X | -.165 | -.165 | 0 | %100 |
| 58 | M38 | Z | .286 | .286 | 0 | %100 |
| 59 | M39 | X | -.165 | -.165 | 0 | %100 |
| 60 | M39 | Z | .286 | .286 | 0 | %100 |
| 61 | M40 | X | -.122 | -.122 | 0 | %100 |
| 62 | M40 | Z | .211 | .211 | 0 | %100 |
| 63 | M41 | X | -.125 | -.125 | 0 | %100 |
| 64 | M41 | Z | .217 | .217 | 0 | %100 |
| 65 | M41A | X | -.234 | -.234 | 0 | %100 |
| 66 | M41A | Z | .405 | .405 | 0 | %100 |
| 67 | FACE | X | -.234 | -.234 | 0 | %100 |
| 68 | FACE | Z | .405 | .405 | 0 | %100 |
| 69 | MP1A | X | -.257 | -.257 | 0 | %100 |
| 70 | MP1A | Z | .446 | .446 | 0 | %100 |
| 71 | MP2A | X | -.257 | -.257 | 0 | %100 |
| 72 | MP2A | Z | .446 | .446 | 0 | %100 |
| 73 | MP3A | X | -.257 | -.257 | 0 | %100 |
| 74 | MP3A | Z | .446 | .446 | 0 | %100 |
| 75 | MP4A | X | -.257 | -.257 | 0 | %100 |
| 76 | MP4A | Z | .446 | .446 | 0 | %100 |
| 77 | MP5A | X | -.257 | -.257 | 0 | %100 |
| 78 | MP5A | Z | .446 | .446 | 0 | %100 |
| 79 | M58 | X | -.056 | -.056 | 0 | %100 |
| 80 | M58 | Z | .098 | .098 | 0 | %100 |
| 81 | M59 | X | -.01 | -.01 | 0 | %100 |
| 82 | M59 | Z | .018 | .018 | 0 | %100 |
| 83 | M60 | X | -.01 | -.01 | 0 | %100 |
| 84 | M60 | Z | .018 | .018 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 85 | M61 | X | -.01 | -.01 | 0 | %100 |
| 86 | M61 | Z | .018 | .018 | 0 | %100 |
| 87 | M62 | X | -.01 | -.01 | 0 | %100 |
| 88 | M62 | Z | .018 | .018 | 0 | %100 |
| 89 | M63 | X | -.064 | -.064 | 0 | %100 |
| 90 | M63 | Z | .111 | .111 | 0 | %100 |
| 91 | M64 | X | -.064 | -.064 | 0 | %100 |
| 92 | M64 | Z | .111 | .111 | 0 | %100 |
| 93 | M65 | X | -.064 | -.064 | 0 | %100 |
| 94 | M65 | Z | .111 | .111 | 0 | %100 |
| 95 | M66 | X | -.064 | -.064 | 0 | %100 |
| 96 | M66 | Z | .111 | .111 | 0 | %100 |
| 97 | M71 | X | -.257 | -.257 | 0 | %100 |
| 98 | M71 | Z | .446 | .446 | 0 | %100 |
| 99 | M72 | X | -.257 | -.257 | 0 | %100 |
| 100 | M72 | Z | .446 | .446 | 0 | %100 |
| 101 | M73 | X | -.114 | -.114 | 0 | %100 |
| 102 | M73 | Z | .197 | .197 | 0 | %100 |
| 103 | M74 | X | -.114 | -.114 | 0 | %100 |
| 104 | M74 | Z | .197 | .197 | 0 | %100 |
| 105 | M75 | X | -.114 | -.114 | 0 | %100 |
| 106 | M75 | Z | .197 | .197 | 0 | %100 |
| 107 | M76 | X | -.114 | -.114 | 0 | %100 |
| 108 | M76 | Z | .197 | .197 | 0 | %100 |
| 109 | M77 | X | -.114 | -.114 | 0 | %100 |
| 110 | M77 | Z | .197 | .197 | 0 | %100 |
| 111 | M78 | X | -.114 | -.114 | 0 | %100 |
| 112 | M78 | Z | .197 | .197 | 0 | %100 |
| 113 | M79 | X | -.114 | -.114 | 0 | %100 |
| 114 | M79 | Z | .197 | .197 | 0 | %100 |
| 115 | M80 | X | -.114 | -.114 | 0 | %100 |
| 116 | M80 | Z | .197 | .197 | 0 | %100 |
| 117 | M81 | X | -.114 | -.114 | 0 | %100 |
| 118 | M81 | Z | .197 | .197 | 0 | %100 |
| 119 | M82 | X | -.114 | -.114 | 0 | %100 |
| 120 | M82 | Z | .197 | .197 | 0 | %100 |
| 121 | M83 | X | -.114 | -.114 | 0 | %100 |
| 122 | M83 | Z | .197 | .197 | 0 | %100 |
| 123 | M84 | X | -.114 | -.114 | 0 | %100 |
| 124 | M84 | Z | .197 | .197 | 0 | %100 |
| 125 | M85 | X | -.165 | -.165 | 0 | %100 |
| 126 | M85 | Z | .286 | .286 | 0 | %100 |
| 127 | M86 | X | -.165 | -.165 | 0 | %100 |
| 128 | M86 | Z | .286 | .286 | 0 | %100 |
| 129 | M87 | X | -.165 | -.165 | 0 | %100 |
| 130 | M87 | Z | .286 | .286 | 0 | %100 |
| 131 | M88 | X | -.122 | -.122 | 0 | %100 |
| 132 | M88 | Z | .211 | .211 | 0 | %100 |
| 133 | M89 | X | -.125 | -.125 | 0 | %100 |
| 134 | M89 | Z | .217 | .217 | 0 | %100 |
| 135 | M90 | X | -.165 | -.165 | 0 | %100 |
| 136 | M90 | Z | .286 | .286 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 137 | M91 | X | -.165 | -.165 | 0 | %100 |
| 138 | M91 | Z | .286 | .286 | 0 | %100 |
| 139 | M92 | X | -.165 | -.165 | 0 | %100 |
| 140 | M92 | Z | .286 | .286 | 0 | %100 |
| 141 | M93 | X | -.122 | -.122 | 0 | %100 |
| 142 | M93 | Z | .211 | .211 | 0 | %100 |
| 143 | M94 | X | -.125 | -.125 | 0 | %100 |
| 144 | M94 | Z | .217 | .217 | 0 | %100 |
| 145 | M99 | X | -.234 | -.234 | 0 | %100 |
| 146 | M99 | Z | .405 | .405 | 0 | %100 |
| 147 | M100 | X | -.234 | -.234 | 0 | %100 |
| 148 | M100 | Z | .405 | .405 | 0 | %100 |
| 149 | MP1C | X | -.257 | -.257 | 0 | %100 |
| 150 | MP1C | Z | .446 | .446 | 0 | %100 |
| 151 | MP2C | X | -.257 | -.257 | 0 | %100 |
| 152 | MP2C | Z | .446 | .446 | 0 | %100 |
| 153 | MP3C | X | -.257 | -.257 | 0 | %100 |
| 154 | MP3C | Z | .446 | .446 | 0 | %100 |
| 155 | MP4C | X | -.257 | -.257 | 0 | %100 |
| 156 | MP4C | Z | .446 | .446 | 0 | %100 |
| 157 | MP5C | X | -.257 | -.257 | 0 | %100 |
| 158 | MP5C | Z | .446 | .446 | 0 | %100 |
| 159 | M116 | X | -.312 | -.312 | 0 | %100 |
| 160 | M116 | Z | .54 | .54 | 0 | %100 |
| 161 | M117 | X | -.041 | -.041 | 0 | %100 |
| 162 | M117 | Z | .07 | .07 | 0 | %100 |
| 163 | M118 | X | -.041 | -.041 | 0 | %100 |
| 164 | M118 | Z | .07 | .07 | 0 | %100 |
| 165 | M119 | X | -.041 | -.041 | 0 | %100 |
| 166 | M119 | Z | .07 | .07 | 0 | %100 |
| 167 | M120 | X | -.041 | -.041 | 0 | %100 |
| 168 | M120 | Z | .07 | .07 | 0 | %100 |
| 169 | M121 | X | -.257 | -.257 | 0 | %100 |
| 170 | M121 | Z | .446 | .446 | 0 | %100 |
| 171 | M122 | X | -.257 | -.257 | 0 | %100 |
| 172 | M122 | Z | .446 | .446 | 0 | %100 |
| 173 | M123 | X | -.257 | -.257 | 0 | %100 |
| 174 | M123 | Z | .446 | .446 | 0 | %100 |
| 175 | M124 | X | -.257 | -.257 | 0 | %100 |
| 176 | M124 | Z | .446 | .446 | 0 | %100 |
| 177 | M129 | X | -.257 | -.257 | 0 | %100 |
| 178 | M129 | Z | .446 | .446 | 0 | %100 |
| 179 | M130 | X | -.257 | -.257 | 0 | %100 |
| 180 | M130 | Z | .446 | .446 | 0 | %100 |
| 181 | M131 | X | -.114 | -.114 | 0 | %100 |
| 182 | M131 | Z | .197 | .197 | 0 | %100 |
| 183 | M132 | X | -.114 | -.114 | 0 | %100 |
| 184 | M132 | Z | .197 | .197 | 0 | %100 |
| 185 | M133 | X | -.114 | -.114 | 0 | %100 |
| 186 | M133 | Z | .197 | .197 | 0 | %100 |
| 187 | M134 | X | -.114 | -.114 | 0 | %100 |
| 188 | M134 | Z | .197 | .197 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 189 | M135 | X | -.114 | -.114 | 0 | %100 |
| 190 | M135 | Z | .197 | .197 | 0 | %100 |
| 191 | M136 | X | -.114 | -.114 | 0 | %100 |
| 192 | M136 | Z | .197 | .197 | 0 | %100 |
| 193 | M137 | X | -.114 | -.114 | 0 | %100 |
| 194 | M137 | Z | .197 | .197 | 0 | %100 |
| 195 | M138 | X | -.114 | -.114 | 0 | %100 |
| 196 | M138 | Z | .197 | .197 | 0 | %100 |
| 197 | M139 | X | -.114 | -.114 | 0 | %100 |
| 198 | M139 | Z | .197 | .197 | 0 | %100 |
| 199 | M140 | X | -.114 | -.114 | 0 | %100 |
| 200 | M140 | Z | .197 | .197 | 0 | %100 |
| 201 | M141 | X | -.114 | -.114 | 0 | %100 |
| 202 | M141 | Z | .197 | .197 | 0 | %100 |
| 203 | M142 | X | -.114 | -.114 | 0 | %100 |
| 204 | M142 | Z | .197 | .197 | 0 | %100 |
| 205 | M143 | X | -.165 | -.165 | 0 | %100 |
| 206 | M143 | Z | .286 | .286 | 0 | %100 |
| 207 | M144 | X | -.165 | -.165 | 0 | %100 |
| 208 | M144 | Z | .286 | .286 | 0 | %100 |
| 209 | M145 | X | -.165 | -.165 | 0 | %100 |
| 210 | M145 | Z | .286 | .286 | 0 | %100 |
| 211 | M146 | X | -.18 | -.18 | 0 | %100 |
| 212 | M146 | Z | .312 | .312 | 0 | %100 |
| 213 | M147 | X | -.18 | -.18 | 0 | %100 |
| 214 | M147 | Z | .312 | .312 | 0 | %100 |
| 215 | M148 | X | -.165 | -.165 | 0 | %100 |
| 216 | M148 | Z | .286 | .286 | 0 | %100 |
| 217 | M149 | X | -.165 | -.165 | 0 | %100 |
| 218 | M149 | Z | .286 | .286 | 0 | %100 |
| 219 | M150 | X | -.165 | -.165 | 0 | %100 |
| 220 | M150 | Z | .286 | .286 | 0 | %100 |
| 221 | M151 | X | -.18 | -.18 | 0 | %100 |
| 222 | M151 | Z | .312 | .312 | 0 | %100 |
| 223 | M152 | X | -.18 | -.18 | 0 | %100 |
| 224 | M152 | Z | .312 | .312 | 0 | %100 |
| 225 | M157 | X | 0 | 0 | 0 | %100 |
| 226 | M157 | Z | 0 | 0 | 0 | %100 |
| 227 | M158 | X | 0 | 0 | 0 | %100 |
| 228 | M158 | Z | 0 | 0 | 0 | %100 |
| 229 | MP1B | X | -.257 | -.257 | 0 | %100 |
| 230 | MP1B | Z | .446 | .446 | 0 | %100 |
| 231 | MP2B | X | -.257 | -.257 | 0 | %100 |
| 232 | MP2B | Z | .446 | .446 | 0 | %100 |
| 233 | MP3B | X | -.257 | -.257 | 0 | %100 |
| 234 | MP3B | Z | .446 | .446 | 0 | %100 |
| 235 | MP4B | X | -.257 | -.257 | 0 | %100 |
| 236 | MP4B | Z | .446 | .446 | 0 | %100 |
| 237 | MP5B | X | -.257 | -.257 | 0 | %100 |
| 238 | MP5B | Z | .446 | .446 | 0 | %100 |
| 239 | M174 | X | -.102 | -.102 | 0 | %100 |
| 240 | M174 | Z | .176 | .176 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | -.053 | -.053 | 0 | %100 |
| 2 | M1 | Z | .03 | .03 | 0 | %100 |
| 3 | M2 | X | -.053 | -.053 | 0 | %100 |
| 4 | M2 | Z | .03 | .03 | 0 | %100 |
| 5 | M3 | X | -.053 | -.053 | 0 | %100 |
| 6 | M3 | Z | .03 | .03 | 0 | %100 |
| 7 | M4 | X | -.053 | -.053 | 0 | %100 |
| 8 | M4 | Z | .03 | .03 | 0 | %100 |
| 9 | M5 | X | -.334 | -.334 | 0 | %100 |
| 10 | M5 | Z | .193 | .193 | 0 | %100 |
| 11 | M6 | X | -.334 | -.334 | 0 | %100 |
| 12 | M6 | Z | .193 | .193 | 0 | %100 |
| 13 | M7 | X | -.334 | -.334 | 0 | %100 |
| 14 | M7 | Z | .193 | .193 | 0 | %100 |
| 15 | M8 | X | -.334 | -.334 | 0 | %100 |
| 16 | M8 | Z | .193 | .193 | 0 | %100 |
| 17 | M13 | X | -.446 | -.446 | 0 | %100 |
| 18 | M13 | Z | .257 | .257 | 0 | %100 |
| 19 | M14 | X | -.446 | -.446 | 0 | %100 |
| 20 | M14 | Z | .257 | .257 | 0 | %100 |
| 21 | M16 | X | -.451 | -.451 | 0 | %100 |
| 22 | M16 | Z | .26 | .26 | 0 | %100 |
| 23 | M17 | X | -.451 | -.451 | 0 | %100 |
| 24 | M17 | Z | .26 | .26 | 0 | %100 |
| 25 | M18 | X | -.451 | -.451 | 0 | %100 |
| 26 | M18 | Z | .26 | .26 | 0 | %100 |
| 27 | M19 | X | -.451 | -.451 | 0 | %100 |
| 28 | M19 | Z | .26 | .26 | 0 | %100 |
| 29 | M20 | X | -.451 | -.451 | 0 | %100 |
| 30 | M20 | Z | .26 | .26 | 0 | %100 |
| 31 | M21 | X | -.451 | -.451 | 0 | %100 |
| 32 | M21 | Z | .26 | .26 | 0 | %100 |
| 33 | M24 | X | -.451 | -.451 | 0 | %100 |
| 34 | M24 | Z | .26 | .26 | 0 | %100 |
| 35 | M25 | X | -.451 | -.451 | 0 | %100 |
| 36 | M25 | Z | .26 | .26 | 0 | %100 |
| 37 | M26 | X | -.451 | -.451 | 0 | %100 |
| 38 | M26 | Z | .26 | .26 | 0 | %100 |
| 39 | M27 | X | -.451 | -.451 | 0 | %100 |
| 40 | M27 | Z | .26 | .26 | 0 | %100 |
| 41 | M28 | X | -.451 | -.451 | 0 | %100 |
| 42 | M28 | Z | .26 | .26 | 0 | %100 |
| 43 | M29 | X | -.451 | -.451 | 0 | %100 |
| 44 | M29 | Z | .26 | .26 | 0 | %100 |
| 45 | M32 | X | -.286 | -.286 | 0 | %100 |
| 46 | M32 | Z | .165 | .165 | 0 | %100 |
| 47 | M33 | X | -.286 | -.286 | 0 | %100 |
| 48 | M33 | Z | .165 | .165 | 0 | %100 |
| 49 | M34 | X | -.286 | -.286 | 0 | %100 |
| 50 | M34 | Z | .165 | .165 | 0 | %100 |
| 51 | M35 | X | -.278 | -.278 | 0 | %100 |
| 52 | M35 | Z | .161 | .161 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 53 | M36 | X | -.28 | -.28 | 0 | %100 |
| 54 | M36 | Z | .162 | .162 | 0 | %100 |
| 55 | M37 | X | -.286 | -.286 | 0 | %100 |
| 56 | M37 | Z | .165 | .165 | 0 | %100 |
| 57 | M38 | X | -.286 | -.286 | 0 | %100 |
| 58 | M38 | Z | .165 | .165 | 0 | %100 |
| 59 | M39 | X | -.286 | -.286 | 0 | %100 |
| 60 | M39 | Z | .165 | .165 | 0 | %100 |
| 61 | M40 | X | -.278 | -.278 | 0 | %100 |
| 62 | M40 | Z | .161 | .161 | 0 | %100 |
| 63 | M41 | X | -.28 | -.28 | 0 | %100 |
| 64 | M41 | Z | .162 | .162 | 0 | %100 |
| 65 | M41A | X | -.135 | -.135 | 0 | %100 |
| 66 | M41A | Z | .078 | .078 | 0 | %100 |
| 67 | FACE | X | -.135 | -.135 | 0 | %100 |
| 68 | FACE | Z | .078 | .078 | 0 | %100 |
| 69 | MP1A | X | -.446 | -.446 | 0 | %100 |
| 70 | MP1A | Z | .257 | .257 | 0 | %100 |
| 71 | MP2A | X | -.446 | -.446 | 0 | %100 |
| 72 | MP2A | Z | .257 | .257 | 0 | %100 |
| 73 | MP3A | X | -.446 | -.446 | 0 | %100 |
| 74 | MP3A | Z | .257 | .257 | 0 | %100 |
| 75 | MP4A | X | -.446 | -.446 | 0 | %100 |
| 76 | MP4A | Z | .257 | .257 | 0 | %100 |
| 77 | MP5A | X | -.446 | -.446 | 0 | %100 |
| 78 | MP5A | Z | .257 | .257 | 0 | %100 |
| 79 | M58 | X | -.004 | -.004 | 0 | %100 |
| 80 | M58 | Z | .002 | .002 | 0 | %100 |
| 81 | M59 | X | 0 | 0 | 0 | %100 |
| 82 | M59 | Z | 0 | 0 | 0 | %100 |
| 83 | M60 | X | 0 | 0 | 0 | %100 |
| 84 | M60 | Z | 0 | 0 | 0 | %100 |
| 85 | M61 | X | 0 | 0 | 0 | %100 |
| 86 | M61 | Z | 0 | 0 | 0 | %100 |
| 87 | M62 | X | 0 | 0 | 0 | %100 |
| 88 | M62 | Z | 0 | 0 | 0 | %100 |
| 89 | M63 | X | 0 | 0 | 0 | %100 |
| 90 | M63 | Z | 0 | 0 | 0 | %100 |
| 91 | M64 | X | 0 | 0 | 0 | %100 |
| 92 | M64 | Z | 0 | 0 | 0 | %100 |
| 93 | M65 | X | 0 | 0 | 0 | %100 |
| 94 | M65 | Z | 0 | 0 | 0 | %100 |
| 95 | M66 | X | 0 | 0 | 0 | %100 |
| 96 | M66 | Z | 0 | 0 | 0 | %100 |
| 97 | M71 | X | -.446 | -.446 | 0 | %100 |
| 98 | M71 | Z | .257 | .257 | 0 | %100 |
| 99 | M72 | X | -.446 | -.446 | 0 | %100 |
| 100 | M72 | Z | .257 | .257 | 0 | %100 |
| 101 | M73 | X | -.451 | -.451 | 0 | %100 |
| 102 | M73 | Z | .26 | .26 | 0 | %100 |
| 103 | M74 | X | -.451 | -.451 | 0 | %100 |
| 104 | M74 | Z | .26 | .26 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 105 | M75 | X | -.451 | -.451 | 0 | %100 |
| 106 | M75 | Z | .26 | .26 | 0 | %100 |
| 107 | M76 | X | -.451 | -.451 | 0 | %100 |
| 108 | M76 | Z | .26 | .26 | 0 | %100 |
| 109 | M77 | X | -.451 | -.451 | 0 | %100 |
| 110 | M77 | Z | .26 | .26 | 0 | %100 |
| 111 | M78 | X | -.451 | -.451 | 0 | %100 |
| 112 | M78 | Z | .26 | .26 | 0 | %100 |
| 113 | M79 | X | -.451 | -.451 | 0 | %100 |
| 114 | M79 | Z | .26 | .26 | 0 | %100 |
| 115 | M80 | X | -.451 | -.451 | 0 | %100 |
| 116 | M80 | Z | .26 | .26 | 0 | %100 |
| 117 | M81 | X | -.451 | -.451 | 0 | %100 |
| 118 | M81 | Z | .26 | .26 | 0 | %100 |
| 119 | M82 | X | -.451 | -.451 | 0 | %100 |
| 120 | M82 | Z | .26 | .26 | 0 | %100 |
| 121 | M83 | X | -.451 | -.451 | 0 | %100 |
| 122 | M83 | Z | .26 | .26 | 0 | %100 |
| 123 | M84 | X | -.451 | -.451 | 0 | %100 |
| 124 | M84 | Z | .26 | .26 | 0 | %100 |
| 125 | M85 | X | -.286 | -.286 | 0 | %100 |
| 126 | M85 | Z | .165 | .165 | 0 | %100 |
| 127 | M86 | X | -.286 | -.286 | 0 | %100 |
| 128 | M86 | Z | .165 | .165 | 0 | %100 |
| 129 | M87 | X | -.286 | -.286 | 0 | %100 |
| 130 | M87 | Z | .165 | .165 | 0 | %100 |
| 131 | M88 | X | -.178 | -.178 | 0 | %100 |
| 132 | M88 | Z | .103 | .103 | 0 | %100 |
| 133 | M89 | X | -.186 | -.186 | 0 | %100 |
| 134 | M89 | Z | .107 | .107 | 0 | %100 |
| 135 | M90 | X | -.286 | -.286 | 0 | %100 |
| 136 | M90 | Z | .165 | .165 | 0 | %100 |
| 137 | M91 | X | -.286 | -.286 | 0 | %100 |
| 138 | M91 | Z | .165 | .165 | 0 | %100 |
| 139 | M92 | X | -.286 | -.286 | 0 | %100 |
| 140 | M92 | Z | .165 | .165 | 0 | %100 |
| 141 | M93 | X | -.178 | -.178 | 0 | %100 |
| 142 | M93 | Z | .103 | .103 | 0 | %100 |
| 143 | M94 | X | -.186 | -.186 | 0 | %100 |
| 144 | M94 | Z | .107 | .107 | 0 | %100 |
| 145 | M99 | X | -.54 | -.54 | 0 | %100 |
| 146 | M99 | Z | .312 | .312 | 0 | %100 |
| 147 | M100 | X | -.54 | -.54 | 0 | %100 |
| 148 | M100 | Z | .312 | .312 | 0 | %100 |
| 149 | MP1C | X | -.446 | -.446 | 0 | %100 |
| 150 | MP1C | Z | .257 | .257 | 0 | %100 |
| 151 | MP2C | X | -.446 | -.446 | 0 | %100 |
| 152 | MP2C | Z | .257 | .257 | 0 | %100 |
| 153 | MP3C | X | -.446 | -.446 | 0 | %100 |
| 154 | MP3C | Z | .257 | .257 | 0 | %100 |
| 155 | MP4C | X | -.446 | -.446 | 0 | %100 |
| 156 | MP4C | Z | .257 | .257 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 157 | MP5C | X | -.446 | -.446 | 0 | %100 |
| 158 | MP5C | Z | .257 | .257 | 0 | %100 |
| 159 | M116 | X | -.404 | -.404 | 0 | %100 |
| 160 | M116 | Z | .233 | .233 | 0 | %100 |
| 161 | M117 | X | -.053 | -.053 | 0 | %100 |
| 162 | M117 | Z | .03 | .03 | 0 | %100 |
| 163 | M118 | X | -.053 | -.053 | 0 | %100 |
| 164 | M118 | Z | .03 | .03 | 0 | %100 |
| 165 | M119 | X | -.053 | -.053 | 0 | %100 |
| 166 | M119 | Z | .03 | .03 | 0 | %100 |
| 167 | M120 | X | -.053 | -.053 | 0 | %100 |
| 168 | M120 | Z | .03 | .03 | 0 | %100 |
| 169 | M121 | X | -.334 | -.334 | 0 | %100 |
| 170 | M121 | Z | .193 | .193 | 0 | %100 |
| 171 | M122 | X | -.334 | -.334 | 0 | %100 |
| 172 | M122 | Z | .193 | .193 | 0 | %100 |
| 173 | M123 | X | -.334 | -.334 | 0 | %100 |
| 174 | M123 | Z | .193 | .193 | 0 | %100 |
| 175 | M124 | X | -.334 | -.334 | 0 | %100 |
| 176 | M124 | Z | .193 | .193 | 0 | %100 |
| 177 | M129 | X | -.446 | -.446 | 0 | %100 |
| 178 | M129 | Z | .257 | .257 | 0 | %100 |
| 179 | M130 | X | -.446 | -.446 | 0 | %100 |
| 180 | M130 | Z | .257 | .257 | 0 | %100 |
| 181 | M131 | X | -.451 | -.451 | 0 | %100 |
| 182 | M131 | Z | .26 | .26 | 0 | %100 |
| 183 | M132 | X | -.451 | -.451 | 0 | %100 |
| 184 | M132 | Z | .26 | .26 | 0 | %100 |
| 185 | M133 | X | -.451 | -.451 | 0 | %100 |
| 186 | M133 | Z | .26 | .26 | 0 | %100 |
| 187 | M134 | X | -.451 | -.451 | 0 | %100 |
| 188 | M134 | Z | .26 | .26 | 0 | %100 |
| 189 | M135 | X | -.451 | -.451 | 0 | %100 |
| 190 | M135 | Z | .26 | .26 | 0 | %100 |
| 191 | M136 | X | -.451 | -.451 | 0 | %100 |
| 192 | M136 | Z | .26 | .26 | 0 | %100 |
| 193 | M137 | X | -.451 | -.451 | 0 | %100 |
| 194 | M137 | Z | .26 | .26 | 0 | %100 |
| 195 | M138 | X | -.451 | -.451 | 0 | %100 |
| 196 | M138 | Z | .26 | .26 | 0 | %100 |
| 197 | M139 | X | -.451 | -.451 | 0 | %100 |
| 198 | M139 | Z | .26 | .26 | 0 | %100 |
| 199 | M140 | X | -.451 | -.451 | 0 | %100 |
| 200 | M140 | Z | .26 | .26 | 0 | %100 |
| 201 | M141 | X | -.451 | -.451 | 0 | %100 |
| 202 | M141 | Z | .26 | .26 | 0 | %100 |
| 203 | M142 | X | -.451 | -.451 | 0 | %100 |
| 204 | M142 | Z | .26 | .26 | 0 | %100 |
| 205 | M143 | X | -.286 | -.286 | 0 | %100 |
| 206 | M143 | Z | .165 | .165 | 0 | %100 |
| 207 | M144 | X | -.286 | -.286 | 0 | %100 |
| 208 | M144 | Z | .165 | .165 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 209 | M145 | X | -.286 | -.286 | 0 | %100 |
| 210 | M145 | Z | .165 | .165 | 0 | %100 |
| 211 | M146 | X | -.278 | -.278 | 0 | %100 |
| 212 | M146 | Z | .161 | .161 | 0 | %100 |
| 213 | M147 | X | -.28 | -.28 | 0 | %100 |
| 214 | M147 | Z | .162 | .162 | 0 | %100 |
| 215 | M148 | X | -.286 | -.286 | 0 | %100 |
| 216 | M148 | Z | .165 | .165 | 0 | %100 |
| 217 | M149 | X | -.286 | -.286 | 0 | %100 |
| 218 | M149 | Z | .165 | .165 | 0 | %100 |
| 219 | M150 | X | -.286 | -.286 | 0 | %100 |
| 220 | M150 | Z | .165 | .165 | 0 | %100 |
| 221 | M151 | X | -.278 | -.278 | 0 | %100 |
| 222 | M151 | Z | .161 | .161 | 0 | %100 |
| 223 | M152 | X | -.28 | -.28 | 0 | %100 |
| 224 | M152 | Z | .162 | .162 | 0 | %100 |
| 225 | M157 | X | -.135 | -.135 | 0 | %100 |
| 226 | M157 | Z | .078 | .078 | 0 | %100 |
| 227 | M158 | X | -.135 | -.135 | 0 | %100 |
| 228 | M158 | Z | .078 | .078 | 0 | %100 |
| 229 | MP1B | X | -.446 | -.446 | 0 | %100 |
| 230 | MP1B | Z | .257 | .257 | 0 | %100 |
| 231 | MP2B | X | -.446 | -.446 | 0 | %100 |
| 232 | MP2B | Z | .257 | .257 | 0 | %100 |
| 233 | MP3B | X | -.446 | -.446 | 0 | %100 |
| 234 | MP3B | Z | .257 | .257 | 0 | %100 |
| 235 | MP4B | X | -.446 | -.446 | 0 | %100 |
| 236 | MP4B | Z | .257 | .257 | 0 | %100 |
| 237 | MP5B | X | -.446 | -.446 | 0 | %100 |
| 238 | MP5B | Z | .257 | .257 | 0 | %100 |
| 239 | M174 | X | -.442 | -.442 | 0 | %100 |
| 240 | M174 | Z | .255 | .255 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | -.081 | -.081 | 0 | %100 |
| 2 | M1 | Z | 0 | 0 | 0 | %100 |
| 3 | M2 | X | -.081 | -.081 | 0 | %100 |
| 4 | M2 | Z | 0 | 0 | 0 | %100 |
| 5 | M3 | X | -.081 | -.081 | 0 | %100 |
| 6 | M3 | Z | 0 | 0 | 0 | %100 |
| 7 | M4 | X | -.081 | -.081 | 0 | %100 |
| 8 | M4 | Z | 0 | 0 | 0 | %100 |
| 9 | M5 | X | -.515 | -.515 | 0 | %100 |
| 10 | M5 | Z | 0 | 0 | 0 | %100 |
| 11 | M6 | X | -.515 | -.515 | 0 | %100 |
| 12 | M6 | Z | 0 | 0 | 0 | %100 |
| 13 | M7 | X | -.515 | -.515 | 0 | %100 |
| 14 | M7 | Z | 0 | 0 | 0 | %100 |
| 15 | M8 | X | -.515 | -.515 | 0 | %100 |
| 16 | M8 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 17 | M13 | X | -.515 | -.515 | 0 | %100 |
| 18 | M13 | Z | 0 | 0 | 0 | %100 |
| 19 | M14 | X | -.515 | -.515 | 0 | %100 |
| 20 | M14 | Z | 0 | 0 | 0 | %100 |
| 21 | M16 | X | -.667 | -.667 | 0 | %100 |
| 22 | M16 | Z | 0 | 0 | 0 | %100 |
| 23 | M17 | X | -.667 | -.667 | 0 | %100 |
| 24 | M17 | Z | 0 | 0 | 0 | %100 |
| 25 | M18 | X | -.667 | -.667 | 0 | %100 |
| 26 | M18 | Z | 0 | 0 | 0 | %100 |
| 27 | M19 | X | -.667 | -.667 | 0 | %100 |
| 28 | M19 | Z | 0 | 0 | 0 | %100 |
| 29 | M20 | X | -.667 | -.667 | 0 | %100 |
| 30 | M20 | Z | 0 | 0 | 0 | %100 |
| 31 | M21 | X | -.667 | -.667 | 0 | %100 |
| 32 | M21 | Z | 0 | 0 | 0 | %100 |
| 33 | M24 | X | -.667 | -.667 | 0 | %100 |
| 34 | M24 | Z | 0 | 0 | 0 | %100 |
| 35 | M25 | X | -.667 | -.667 | 0 | %100 |
| 36 | M25 | Z | 0 | 0 | 0 | %100 |
| 37 | M26 | X | -.667 | -.667 | 0 | %100 |
| 38 | M26 | Z | 0 | 0 | 0 | %100 |
| 39 | M27 | X | -.667 | -.667 | 0 | %100 |
| 40 | M27 | Z | 0 | 0 | 0 | %100 |
| 41 | M28 | X | -.667 | -.667 | 0 | %100 |
| 42 | M28 | Z | 0 | 0 | 0 | %100 |
| 43 | M29 | X | -.667 | -.667 | 0 | %100 |
| 44 | M29 | Z | 0 | 0 | 0 | %100 |
| 45 | M32 | X | -.33 | -.33 | 0 | %100 |
| 46 | M32 | Z | 0 | 0 | 0 | %100 |
| 47 | M33 | X | -.33 | -.33 | 0 | %100 |
| 48 | M33 | Z | 0 | 0 | 0 | %100 |
| 49 | M34 | X | -.33 | -.33 | 0 | %100 |
| 50 | M34 | Z | 0 | 0 | 0 | %100 |
| 51 | M35 | X | -.36 | -.36 | 0 | %100 |
| 52 | M35 | Z | 0 | 0 | 0 | %100 |
| 53 | M36 | X | -.36 | -.36 | 0 | %100 |
| 54 | M36 | Z | 0 | 0 | 0 | %100 |
| 55 | M37 | X | -.33 | -.33 | 0 | %100 |
| 56 | M37 | Z | 0 | 0 | 0 | %100 |
| 57 | M38 | X | -.33 | -.33 | 0 | %100 |
| 58 | M38 | Z | 0 | 0 | 0 | %100 |
| 59 | M39 | X | -.33 | -.33 | 0 | %100 |
| 60 | M39 | Z | 0 | 0 | 0 | %100 |
| 61 | M40 | X | -.36 | -.36 | 0 | %100 |
| 62 | M40 | Z | 0 | 0 | 0 | %100 |
| 63 | M41 | X | -.36 | -.36 | 0 | %100 |
| 64 | M41 | Z | 0 | 0 | 0 | %100 |
| 65 | M41A | X | 0 | 0 | 0 | %100 |
| 66 | M41A | Z | 0 | 0 | 0 | %100 |
| 67 | FACE | X | 0 | 0 | 0 | %100 |
| 68 | FACE | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 69 | MP1A | X | -.515 | -.515 | 0 | %100 |
| 70 | MP1A | Z | 0 | 0 | 0 | %100 |
| 71 | MP2A | X | -.515 | -.515 | 0 | %100 |
| 72 | MP2A | Z | 0 | 0 | 0 | %100 |
| 73 | MP3A | X | -.515 | -.515 | 0 | %100 |
| 74 | MP3A | Z | 0 | 0 | 0 | %100 |
| 75 | MP4A | X | -.515 | -.515 | 0 | %100 |
| 76 | MP4A | Z | 0 | 0 | 0 | %100 |
| 77 | MP5A | X | -.515 | -.515 | 0 | %100 |
| 78 | MP5A | Z | 0 | 0 | 0 | %100 |
| 79 | M58 | X | -.203 | -.203 | 0 | %100 |
| 80 | M58 | Z | 0 | 0 | 0 | %100 |
| 81 | M59 | X | -.02 | -.02 | 0 | %100 |
| 82 | M59 | Z | 0 | 0 | 0 | %100 |
| 83 | M60 | X | -.02 | -.02 | 0 | %100 |
| 84 | M60 | Z | 0 | 0 | 0 | %100 |
| 85 | M61 | X | -.02 | -.02 | 0 | %100 |
| 86 | M61 | Z | 0 | 0 | 0 | %100 |
| 87 | M62 | X | -.02 | -.02 | 0 | %100 |
| 88 | M62 | Z | 0 | 0 | 0 | %100 |
| 89 | M63 | X | -.129 | -.129 | 0 | %100 |
| 90 | M63 | Z | 0 | 0 | 0 | %100 |
| 91 | M64 | X | -.129 | -.129 | 0 | %100 |
| 92 | M64 | Z | 0 | 0 | 0 | %100 |
| 93 | M65 | X | -.129 | -.129 | 0 | %100 |
| 94 | M65 | Z | 0 | 0 | 0 | %100 |
| 95 | M66 | X | -.129 | -.129 | 0 | %100 |
| 96 | M66 | Z | 0 | 0 | 0 | %100 |
| 97 | M71 | X | -.515 | -.515 | 0 | %100 |
| 98 | M71 | Z | 0 | 0 | 0 | %100 |
| 99 | M72 | X | -.515 | -.515 | 0 | %100 |
| 100 | M72 | Z | 0 | 0 | 0 | %100 |
| 101 | M73 | X | -.667 | -.667 | 0 | %100 |
| 102 | M73 | Z | 0 | 0 | 0 | %100 |
| 103 | M74 | X | -.667 | -.667 | 0 | %100 |
| 104 | M74 | Z | 0 | 0 | 0 | %100 |
| 105 | M75 | X | -.667 | -.667 | 0 | %100 |
| 106 | M75 | Z | 0 | 0 | 0 | %100 |
| 107 | M76 | X | -.667 | -.667 | 0 | %100 |
| 108 | M76 | Z | 0 | 0 | 0 | %100 |
| 109 | M77 | X | -.667 | -.667 | 0 | %100 |
| 110 | M77 | Z | 0 | 0 | 0 | %100 |
| 111 | M78 | X | -.667 | -.667 | 0 | %100 |
| 112 | M78 | Z | 0 | 0 | 0 | %100 |
| 113 | M79 | X | -.667 | -.667 | 0 | %100 |
| 114 | M79 | Z | 0 | 0 | 0 | %100 |
| 115 | M80 | X | -.667 | -.667 | 0 | %100 |
| 116 | M80 | Z | 0 | 0 | 0 | %100 |
| 117 | M81 | X | -.667 | -.667 | 0 | %100 |
| 118 | M81 | Z | 0 | 0 | 0 | %100 |
| 119 | M82 | X | -.667 | -.667 | 0 | %100 |
| 120 | M82 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 121 | M83 | X | -.667 | -.667 | 0 | %100 |
| 122 | M83 | Z | 0 | 0 | 0 | %100 |
| 123 | M84 | X | -.667 | -.667 | 0 | %100 |
| 124 | M84 | Z | 0 | 0 | 0 | %100 |
| 125 | M85 | X | -.33 | -.33 | 0 | %100 |
| 126 | M85 | Z | 0 | 0 | 0 | %100 |
| 127 | M86 | X | -.33 | -.33 | 0 | %100 |
| 128 | M86 | Z | 0 | 0 | 0 | %100 |
| 129 | M87 | X | -.33 | -.33 | 0 | %100 |
| 130 | M87 | Z | 0 | 0 | 0 | %100 |
| 131 | M88 | X | -.244 | -.244 | 0 | %100 |
| 132 | M88 | Z | 0 | 0 | 0 | %100 |
| 133 | M89 | X | -.251 | -.251 | 0 | %100 |
| 134 | M89 | Z | 0 | 0 | 0 | %100 |
| 135 | M90 | X | -.33 | -.33 | 0 | %100 |
| 136 | M90 | Z | 0 | 0 | 0 | %100 |
| 137 | M91 | X | -.33 | -.33 | 0 | %100 |
| 138 | M91 | Z | 0 | 0 | 0 | %100 |
| 139 | M92 | X | -.33 | -.33 | 0 | %100 |
| 140 | M92 | Z | 0 | 0 | 0 | %100 |
| 141 | M93 | X | -.244 | -.244 | 0 | %100 |
| 142 | M93 | Z | 0 | 0 | 0 | %100 |
| 143 | M94 | X | -.251 | -.251 | 0 | %100 |
| 144 | M94 | Z | 0 | 0 | 0 | %100 |
| 145 | M99 | X | -.467 | -.467 | 0 | %100 |
| 146 | M99 | Z | 0 | 0 | 0 | %100 |
| 147 | M100 | X | -.467 | -.467 | 0 | %100 |
| 148 | M100 | Z | 0 | 0 | 0 | %100 |
| 149 | MP1C | X | -.515 | -.515 | 0 | %100 |
| 150 | MP1C | Z | 0 | 0 | 0 | %100 |
| 151 | MP2C | X | -.515 | -.515 | 0 | %100 |
| 152 | MP2C | Z | 0 | 0 | 0 | %100 |
| 153 | MP3C | X | -.515 | -.515 | 0 | %100 |
| 154 | MP3C | Z | 0 | 0 | 0 | %100 |
| 155 | MP4C | X | -.515 | -.515 | 0 | %100 |
| 156 | MP4C | Z | 0 | 0 | 0 | %100 |
| 157 | MP5C | X | -.515 | -.515 | 0 | %100 |
| 158 | MP5C | Z | 0 | 0 | 0 | %100 |
| 159 | M116 | X | -.154 | -.154 | 0 | %100 |
| 160 | M116 | Z | 0 | 0 | 0 | %100 |
| 161 | M117 | X | -.02 | -.02 | 0 | %100 |
| 162 | M117 | Z | 0 | 0 | 0 | %100 |
| 163 | M118 | X | -.02 | -.02 | 0 | %100 |
| 164 | M118 | Z | 0 | 0 | 0 | %100 |
| 165 | M119 | X | -.02 | -.02 | 0 | %100 |
| 166 | M119 | Z | 0 | 0 | 0 | %100 |
| 167 | M120 | X | -.02 | -.02 | 0 | %100 |
| 168 | M120 | Z | 0 | 0 | 0 | %100 |
| 169 | M121 | X | -.129 | -.129 | 0 | %100 |
| 170 | M121 | Z | 0 | 0 | 0 | %100 |
| 171 | M122 | X | -.129 | -.129 | 0 | %100 |
| 172 | M122 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 173 | M123 | X | -.129 | -.129 | 0 | %100 |
| 174 | M123 | Z | 0 | 0 | 0 | %100 |
| 175 | M124 | X | -.129 | -.129 | 0 | %100 |
| 176 | M124 | Z | 0 | 0 | 0 | %100 |
| 177 | M129 | X | -.515 | -.515 | 0 | %100 |
| 178 | M129 | Z | 0 | 0 | 0 | %100 |
| 179 | M130 | X | -.515 | -.515 | 0 | %100 |
| 180 | M130 | Z | 0 | 0 | 0 | %100 |
| 181 | M131 | X | -.667 | -.667 | 0 | %100 |
| 182 | M131 | Z | 0 | 0 | 0 | %100 |
| 183 | M132 | X | -.667 | -.667 | 0 | %100 |
| 184 | M132 | Z | 0 | 0 | 0 | %100 |
| 185 | M133 | X | -.667 | -.667 | 0 | %100 |
| 186 | M133 | Z | 0 | 0 | 0 | %100 |
| 187 | M134 | X | -.667 | -.667 | 0 | %100 |
| 188 | M134 | Z | 0 | 0 | 0 | %100 |
| 189 | M135 | X | -.667 | -.667 | 0 | %100 |
| 190 | M135 | Z | 0 | 0 | 0 | %100 |
| 191 | M136 | X | -.667 | -.667 | 0 | %100 |
| 192 | M136 | Z | 0 | 0 | 0 | %100 |
| 193 | M137 | X | -.667 | -.667 | 0 | %100 |
| 194 | M137 | Z | 0 | 0 | 0 | %100 |
| 195 | M138 | X | -.667 | -.667 | 0 | %100 |
| 196 | M138 | Z | 0 | 0 | 0 | %100 |
| 197 | M139 | X | -.667 | -.667 | 0 | %100 |
| 198 | M139 | Z | 0 | 0 | 0 | %100 |
| 199 | M140 | X | -.667 | -.667 | 0 | %100 |
| 200 | M140 | Z | 0 | 0 | 0 | %100 |
| 201 | M141 | X | -.667 | -.667 | 0 | %100 |
| 202 | M141 | Z | 0 | 0 | 0 | %100 |
| 203 | M142 | X | -.667 | -.667 | 0 | %100 |
| 204 | M142 | Z | 0 | 0 | 0 | %100 |
| 205 | M143 | X | -.33 | -.33 | 0 | %100 |
| 206 | M143 | Z | 0 | 0 | 0 | %100 |
| 207 | M144 | X | -.33 | -.33 | 0 | %100 |
| 208 | M144 | Z | 0 | 0 | 0 | %100 |
| 209 | M145 | X | -.33 | -.33 | 0 | %100 |
| 210 | M145 | Z | 0 | 0 | 0 | %100 |
| 211 | M146 | X | -.244 | -.244 | 0 | %100 |
| 212 | M146 | Z | 0 | 0 | 0 | %100 |
| 213 | M147 | X | -.251 | -.251 | 0 | %100 |
| 214 | M147 | Z | 0 | 0 | 0 | %100 |
| 215 | M148 | X | -.33 | -.33 | 0 | %100 |
| 216 | M148 | Z | 0 | 0 | 0 | %100 |
| 217 | M149 | X | -.33 | -.33 | 0 | %100 |
| 218 | M149 | Z | 0 | 0 | 0 | %100 |
| 219 | M150 | X | -.33 | -.33 | 0 | %100 |
| 220 | M150 | Z | 0 | 0 | 0 | %100 |
| 221 | M151 | X | -.244 | -.244 | 0 | %100 |
| 222 | M151 | Z | 0 | 0 | 0 | %100 |
| 223 | M152 | X | -.251 | -.251 | 0 | %100 |
| 224 | M152 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 225 | M157 | X | -.467 | -.467 | 0 | %100 |
| 226 | M157 | Z | 0 | 0 | 0 | %100 |
| 227 | M158 | X | -.467 | -.467 | 0 | %100 |
| 228 | M158 | Z | 0 | 0 | 0 | %100 |
| 229 | MP1B | X | -.515 | -.515 | 0 | %100 |
| 230 | MP1B | Z | 0 | 0 | 0 | %100 |
| 231 | MP2B | X | -.515 | -.515 | 0 | %100 |
| 232 | MP2B | Z | 0 | 0 | 0 | %100 |
| 233 | MP3B | X | -.515 | -.515 | 0 | %100 |
| 234 | MP3B | Z | 0 | 0 | 0 | %100 |
| 235 | MP4B | X | -.515 | -.515 | 0 | %100 |
| 236 | MP4B | Z | 0 | 0 | 0 | %100 |
| 237 | MP5B | X | -.515 | -.515 | 0 | %100 |
| 238 | MP5B | Z | 0 | 0 | 0 | %100 |
| 239 | M174 | X | -.619 | -.619 | 0 | %100 |
| 240 | M174 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | -.053 | -.053 | 0 | %100 |
| 2 | M1 | Z | -.03 | -.03 | 0 | %100 |
| 3 | M2 | X | -.053 | -.053 | 0 | %100 |
| 4 | M2 | Z | -.03 | -.03 | 0 | %100 |
| 5 | M3 | X | -.053 | -.053 | 0 | %100 |
| 6 | M3 | Z | -.03 | -.03 | 0 | %100 |
| 7 | M4 | X | -.053 | -.053 | 0 | %100 |
| 8 | M4 | Z | -.03 | -.03 | 0 | %100 |
| 9 | M5 | X | -.334 | -.334 | 0 | %100 |
| 10 | M5 | Z | -.193 | -.193 | 0 | %100 |
| 11 | M6 | X | -.334 | -.334 | 0 | %100 |
| 12 | M6 | Z | -.193 | -.193 | 0 | %100 |
| 13 | M7 | X | -.334 | -.334 | 0 | %100 |
| 14 | M7 | Z | -.193 | -.193 | 0 | %100 |
| 15 | M8 | X | -.334 | -.334 | 0 | %100 |
| 16 | M8 | Z | -.193 | -.193 | 0 | %100 |
| 17 | M13 | X | -.446 | -.446 | 0 | %100 |
| 18 | M13 | Z | -.257 | -.257 | 0 | %100 |
| 19 | M14 | X | -.446 | -.446 | 0 | %100 |
| 20 | M14 | Z | -.257 | -.257 | 0 | %100 |
| 21 | M16 | X | -.451 | -.451 | 0 | %100 |
| 22 | M16 | Z | -.26 | -.26 | 0 | %100 |
| 23 | M17 | X | -.451 | -.451 | 0 | %100 |
| 24 | M17 | Z | -.26 | -.26 | 0 | %100 |
| 25 | M18 | X | -.451 | -.451 | 0 | %100 |
| 26 | M18 | Z | -.26 | -.26 | 0 | %100 |
| 27 | M19 | X | -.451 | -.451 | 0 | %100 |
| 28 | M19 | Z | -.26 | -.26 | 0 | %100 |
| 29 | M20 | X | -.451 | -.451 | 0 | %100 |
| 30 | M20 | Z | -.26 | -.26 | 0 | %100 |
| 31 | M21 | X | -.451 | -.451 | 0 | %100 |
| 32 | M21 | Z | -.26 | -.26 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 33 | M24 | X | -.451 | -.451 | 0 | %100 |
| 34 | M24 | Z | -.26 | -.26 | 0 | %100 |
| 35 | M25 | X | -.451 | -.451 | 0 | %100 |
| 36 | M25 | Z | -.26 | -.26 | 0 | %100 |
| 37 | M26 | X | -.451 | -.451 | 0 | %100 |
| 38 | M26 | Z | -.26 | -.26 | 0 | %100 |
| 39 | M27 | X | -.451 | -.451 | 0 | %100 |
| 40 | M27 | Z | -.26 | -.26 | 0 | %100 |
| 41 | M28 | X | -.451 | -.451 | 0 | %100 |
| 42 | M28 | Z | -.26 | -.26 | 0 | %100 |
| 43 | M29 | X | -.451 | -.451 | 0 | %100 |
| 44 | M29 | Z | -.26 | -.26 | 0 | %100 |
| 45 | M32 | X | -.286 | -.286 | 0 | %100 |
| 46 | M32 | Z | -.165 | -.165 | 0 | %100 |
| 47 | M33 | X | -.286 | -.286 | 0 | %100 |
| 48 | M33 | Z | -.165 | -.165 | 0 | %100 |
| 49 | M34 | X | -.286 | -.286 | 0 | %100 |
| 50 | M34 | Z | -.165 | -.165 | 0 | %100 |
| 51 | M35 | X | -.278 | -.278 | 0 | %100 |
| 52 | M35 | Z | -.161 | -.161 | 0 | %100 |
| 53 | M36 | X | -.28 | -.28 | 0 | %100 |
| 54 | M36 | Z | -.162 | -.162 | 0 | %100 |
| 55 | M37 | X | -.286 | -.286 | 0 | %100 |
| 56 | M37 | Z | -.165 | -.165 | 0 | %100 |
| 57 | M38 | X | -.286 | -.286 | 0 | %100 |
| 58 | M38 | Z | -.165 | -.165 | 0 | %100 |
| 59 | M39 | X | -.286 | -.286 | 0 | %100 |
| 60 | M39 | Z | -.165 | -.165 | 0 | %100 |
| 61 | M40 | X | -.278 | -.278 | 0 | %100 |
| 62 | M40 | Z | -.161 | -.161 | 0 | %100 |
| 63 | M41 | X | -.28 | -.28 | 0 | %100 |
| 64 | M41 | Z | -.162 | -.162 | 0 | %100 |
| 65 | M41A | X | -.135 | -.135 | 0 | %100 |
| 66 | M41A | Z | -.078 | -.078 | 0 | %100 |
| 67 | FACE | X | -.135 | -.135 | 0 | %100 |
| 68 | FACE | Z | -.078 | -.078 | 0 | %100 |
| 69 | MP1A | X | -.446 | -.446 | 0 | %100 |
| 70 | MP1A | Z | -.257 | -.257 | 0 | %100 |
| 71 | MP2A | X | -.446 | -.446 | 0 | %100 |
| 72 | MP2A | Z | -.257 | -.257 | 0 | %100 |
| 73 | MP3A | X | -.446 | -.446 | 0 | %100 |
| 74 | MP3A | Z | -.257 | -.257 | 0 | %100 |
| 75 | MP4A | X | -.446 | -.446 | 0 | %100 |
| 76 | MP4A | Z | -.257 | -.257 | 0 | %100 |
| 77 | MP5A | X | -.446 | -.446 | 0 | %100 |
| 78 | MP5A | Z | -.257 | -.257 | 0 | %100 |
| 79 | M58 | X | -.442 | -.442 | 0 | %100 |
| 80 | M58 | Z | -.255 | -.255 | 0 | %100 |
| 81 | M59 | X | -.053 | -.053 | 0 | %100 |
| 82 | M59 | Z | -.03 | -.03 | 0 | %100 |
| 83 | M60 | X | -.053 | -.053 | 0 | %100 |
| 84 | M60 | Z | -.03 | -.03 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 85 | M61 | X | -.053 | -.053 | 0 | %100 |
| 86 | M61 | Z | -.03 | -.03 | 0 | %100 |
| 87 | M62 | X | -.053 | -.053 | 0 | %100 |
| 88 | M62 | Z | -.03 | -.03 | 0 | %100 |
| 89 | M63 | X | -.334 | -.334 | 0 | %100 |
| 90 | M63 | Z | -.193 | -.193 | 0 | %100 |
| 91 | M64 | X | -.334 | -.334 | 0 | %100 |
| 92 | M64 | Z | -.193 | -.193 | 0 | %100 |
| 93 | M65 | X | -.334 | -.334 | 0 | %100 |
| 94 | M65 | Z | -.193 | -.193 | 0 | %100 |
| 95 | M66 | X | -.334 | -.334 | 0 | %100 |
| 96 | M66 | Z | -.193 | -.193 | 0 | %100 |
| 97 | M71 | X | -.446 | -.446 | 0 | %100 |
| 98 | M71 | Z | -.257 | -.257 | 0 | %100 |
| 99 | M72 | X | -.446 | -.446 | 0 | %100 |
| 100 | M72 | Z | -.257 | -.257 | 0 | %100 |
| 101 | M73 | X | -.451 | -.451 | 0 | %100 |
| 102 | M73 | Z | -.26 | -.26 | 0 | %100 |
| 103 | M74 | X | -.451 | -.451 | 0 | %100 |
| 104 | M74 | Z | -.26 | -.26 | 0 | %100 |
| 105 | M75 | X | -.451 | -.451 | 0 | %100 |
| 106 | M75 | Z | -.26 | -.26 | 0 | %100 |
| 107 | M76 | X | -.451 | -.451 | 0 | %100 |
| 108 | M76 | Z | -.26 | -.26 | 0 | %100 |
| 109 | M77 | X | -.451 | -.451 | 0 | %100 |
| 110 | M77 | Z | -.26 | -.26 | 0 | %100 |
| 111 | M78 | X | -.451 | -.451 | 0 | %100 |
| 112 | M78 | Z | -.26 | -.26 | 0 | %100 |
| 113 | M79 | X | -.451 | -.451 | 0 | %100 |
| 114 | M79 | Z | -.26 | -.26 | 0 | %100 |
| 115 | M80 | X | -.451 | -.451 | 0 | %100 |
| 116 | M80 | Z | -.26 | -.26 | 0 | %100 |
| 117 | M81 | X | -.451 | -.451 | 0 | %100 |
| 118 | M81 | Z | -.26 | -.26 | 0 | %100 |
| 119 | M82 | X | -.451 | -.451 | 0 | %100 |
| 120 | M82 | Z | -.26 | -.26 | 0 | %100 |
| 121 | M83 | X | -.451 | -.451 | 0 | %100 |
| 122 | M83 | Z | -.26 | -.26 | 0 | %100 |
| 123 | M84 | X | -.451 | -.451 | 0 | %100 |
| 124 | M84 | Z | -.26 | -.26 | 0 | %100 |
| 125 | M85 | X | -.286 | -.286 | 0 | %100 |
| 126 | M85 | Z | -.165 | -.165 | 0 | %100 |
| 127 | M86 | X | -.286 | -.286 | 0 | %100 |
| 128 | M86 | Z | -.165 | -.165 | 0 | %100 |
| 129 | M87 | X | -.286 | -.286 | 0 | %100 |
| 130 | M87 | Z | -.165 | -.165 | 0 | %100 |
| 131 | M88 | X | -.278 | -.278 | 0 | %100 |
| 132 | M88 | Z | -.161 | -.161 | 0 | %100 |
| 133 | M89 | X | -.28 | -.28 | 0 | %100 |
| 134 | M89 | Z | -.162 | -.162 | 0 | %100 |
| 135 | M90 | X | -.286 | -.286 | 0 | %100 |
| 136 | M90 | Z | -.165 | -.165 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 137 | M91 | X | -.286 | -.286 | 0 | %100 |
| 138 | M91 | Z | -.165 | -.165 | 0 | %100 |
| 139 | M92 | X | -.286 | -.286 | 0 | %100 |
| 140 | M92 | Z | -.165 | -.165 | 0 | %100 |
| 141 | M93 | X | -.278 | -.278 | 0 | %100 |
| 142 | M93 | Z | -.161 | -.161 | 0 | %100 |
| 143 | M94 | X | -.28 | -.28 | 0 | %100 |
| 144 | M94 | Z | -.162 | -.162 | 0 | %100 |
| 145 | M99 | X | -.135 | -.135 | 0 | %100 |
| 146 | M99 | Z | -.078 | -.078 | 0 | %100 |
| 147 | M100 | X | -.135 | -.135 | 0 | %100 |
| 148 | M100 | Z | -.078 | -.078 | 0 | %100 |
| 149 | MP1C | X | -.446 | -.446 | 0 | %100 |
| 150 | MP1C | Z | -.257 | -.257 | 0 | %100 |
| 151 | MP2C | X | -.446 | -.446 | 0 | %100 |
| 152 | MP2C | Z | -.257 | -.257 | 0 | %100 |
| 153 | MP3C | X | -.446 | -.446 | 0 | %100 |
| 154 | MP3C | Z | -.257 | -.257 | 0 | %100 |
| 155 | MP4C | X | -.446 | -.446 | 0 | %100 |
| 156 | MP4C | Z | -.257 | -.257 | 0 | %100 |
| 157 | MP5C | X | -.446 | -.446 | 0 | %100 |
| 158 | MP5C | Z | -.257 | -.257 | 0 | %100 |
| 159 | M116 | X | -4e-6 | -4e-6 | 0 | %100 |
| 160 | M116 | Z | -2e-6 | -2e-6 | 0 | %100 |
| 161 | M117 | X | 0 | 0 | 0 | %100 |
| 162 | M117 | Z | 0 | 0 | 0 | %100 |
| 163 | M118 | X | 0 | 0 | 0 | %100 |
| 164 | M118 | Z | 0 | 0 | 0 | %100 |
| 165 | M119 | X | 0 | 0 | 0 | %100 |
| 166 | M119 | Z | 0 | 0 | 0 | %100 |
| 167 | M120 | X | 0 | 0 | 0 | %100 |
| 168 | M120 | Z | 0 | 0 | 0 | %100 |
| 169 | M121 | X | 0 | 0 | 0 | %100 |
| 170 | M121 | Z | 0 | 0 | 0 | %100 |
| 171 | M122 | X | 0 | 0 | 0 | %100 |
| 172 | M122 | Z | 0 | 0 | 0 | %100 |
| 173 | M123 | X | 0 | 0 | 0 | %100 |
| 174 | M123 | Z | 0 | 0 | 0 | %100 |
| 175 | M124 | X | 0 | 0 | 0 | %100 |
| 176 | M124 | Z | 0 | 0 | 0 | %100 |
| 177 | M129 | X | -.446 | -.446 | 0 | %100 |
| 178 | M129 | Z | -.257 | -.257 | 0 | %100 |
| 179 | M130 | X | -.446 | -.446 | 0 | %100 |
| 180 | M130 | Z | -.257 | -.257 | 0 | %100 |
| 181 | M131 | X | -.451 | -.451 | 0 | %100 |
| 182 | M131 | Z | -.26 | -.26 | 0 | %100 |
| 183 | M132 | X | -.451 | -.451 | 0 | %100 |
| 184 | M132 | Z | -.26 | -.26 | 0 | %100 |
| 185 | M133 | X | -.451 | -.451 | 0 | %100 |
| 186 | M133 | Z | -.26 | -.26 | 0 | %100 |
| 187 | M134 | X | -.451 | -.451 | 0 | %100 |
| 188 | M134 | Z | -.26 | -.26 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 189 | M135 | X | -.451 | -.451 | 0 | %100 |
| 190 | M135 | Z | -.26 | -.26 | 0 | %100 |
| 191 | M136 | X | -.451 | -.451 | 0 | %100 |
| 192 | M136 | Z | -.26 | -.26 | 0 | %100 |
| 193 | M137 | X | -.451 | -.451 | 0 | %100 |
| 194 | M137 | Z | -.26 | -.26 | 0 | %100 |
| 195 | M138 | X | -.451 | -.451 | 0 | %100 |
| 196 | M138 | Z | -.26 | -.26 | 0 | %100 |
| 197 | M139 | X | -.451 | -.451 | 0 | %100 |
| 198 | M139 | Z | -.26 | -.26 | 0 | %100 |
| 199 | M140 | X | -.451 | -.451 | 0 | %100 |
| 200 | M140 | Z | -.26 | -.26 | 0 | %100 |
| 201 | M141 | X | -.451 | -.451 | 0 | %100 |
| 202 | M141 | Z | -.26 | -.26 | 0 | %100 |
| 203 | M142 | X | -.451 | -.451 | 0 | %100 |
| 204 | M142 | Z | -.26 | -.26 | 0 | %100 |
| 205 | M143 | X | -.286 | -.286 | 0 | %100 |
| 206 | M143 | Z | -.165 | -.165 | 0 | %100 |
| 207 | M144 | X | -.286 | -.286 | 0 | %100 |
| 208 | M144 | Z | -.165 | -.165 | 0 | %100 |
| 209 | M145 | X | -.286 | -.286 | 0 | %100 |
| 210 | M145 | Z | -.165 | -.165 | 0 | %100 |
| 211 | M146 | X | -.178 | -.178 | 0 | %100 |
| 212 | M146 | Z | -.103 | -.103 | 0 | %100 |
| 213 | M147 | X | -.186 | -.186 | 0 | %100 |
| 214 | M147 | Z | -.107 | -.107 | 0 | %100 |
| 215 | M148 | X | -.286 | -.286 | 0 | %100 |
| 216 | M148 | Z | -.165 | -.165 | 0 | %100 |
| 217 | M149 | X | -.286 | -.286 | 0 | %100 |
| 218 | M149 | Z | -.165 | -.165 | 0 | %100 |
| 219 | M150 | X | -.286 | -.286 | 0 | %100 |
| 220 | M150 | Z | -.165 | -.165 | 0 | %100 |
| 221 | M151 | X | -.178 | -.178 | 0 | %100 |
| 222 | M151 | Z | -.103 | -.103 | 0 | %100 |
| 223 | M152 | X | -.186 | -.186 | 0 | %100 |
| 224 | M152 | Z | -.107 | -.107 | 0 | %100 |
| 225 | M157 | X | -.54 | -.54 | 0 | %100 |
| 226 | M157 | Z | -.312 | -.312 | 0 | %100 |
| 227 | M158 | X | -.54 | -.54 | 0 | %100 |
| 228 | M158 | Z | -.312 | -.312 | 0 | %100 |
| 229 | MP1B | X | -.446 | -.446 | 0 | %100 |
| 230 | MP1B | Z | -.257 | -.257 | 0 | %100 |
| 231 | MP2B | X | -.446 | -.446 | 0 | %100 |
| 232 | MP2B | Z | -.257 | -.257 | 0 | %100 |
| 233 | MP3B | X | -.446 | -.446 | 0 | %100 |
| 234 | MP3B | Z | -.257 | -.257 | 0 | %100 |
| 235 | MP4B | X | -.446 | -.446 | 0 | %100 |
| 236 | MP4B | Z | -.257 | -.257 | 0 | %100 |
| 237 | MP5B | X | -.446 | -.446 | 0 | %100 |
| 238 | MP5B | Z | -.257 | -.257 | 0 | %100 |
| 239 | M174 | X | -.364 | -.364 | 0 | %100 |
| 240 | M174 | Z | -.21 | -.21 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 1 | M1 | X | -.01 | -.01 | 0 | %100 |
| 2 | M1 | Z | -.018 | -.018 | 0 | %100 |
| 3 | M2 | X | -.01 | -.01 | 0 | %100 |
| 4 | M2 | Z | -.018 | -.018 | 0 | %100 |
| 5 | M3 | X | -.01 | -.01 | 0 | %100 |
| 6 | M3 | Z | -.018 | -.018 | 0 | %100 |
| 7 | M4 | X | -.01 | -.01 | 0 | %100 |
| 8 | M4 | Z | -.018 | -.018 | 0 | %100 |
| 9 | M5 | X | -.064 | -.064 | 0 | %100 |
| 10 | M5 | Z | -.111 | -.111 | 0 | %100 |
| 11 | M6 | X | -.064 | -.064 | 0 | %100 |
| 12 | M6 | Z | -.111 | -.111 | 0 | %100 |
| 13 | M7 | X | -.064 | -.064 | 0 | %100 |
| 14 | M7 | Z | -.111 | -.111 | 0 | %100 |
| 15 | M8 | X | -.064 | -.064 | 0 | %100 |
| 16 | M8 | Z | -.111 | -.111 | 0 | %100 |
| 17 | M13 | X | -.257 | -.257 | 0 | %100 |
| 18 | M13 | Z | -.446 | -.446 | 0 | %100 |
| 19 | M14 | X | -.257 | -.257 | 0 | %100 |
| 20 | M14 | Z | -.446 | -.446 | 0 | %100 |
| 21 | M16 | X | -.114 | -.114 | 0 | %100 |
| 22 | M16 | Z | -.197 | -.197 | 0 | %100 |
| 23 | M17 | X | -.114 | -.114 | 0 | %100 |
| 24 | M17 | Z | -.197 | -.197 | 0 | %100 |
| 25 | M18 | X | -.114 | -.114 | 0 | %100 |
| 26 | M18 | Z | -.197 | -.197 | 0 | %100 |
| 27 | M19 | X | -.114 | -.114 | 0 | %100 |
| 28 | M19 | Z | -.197 | -.197 | 0 | %100 |
| 29 | M20 | X | -.114 | -.114 | 0 | %100 |
| 30 | M20 | Z | -.197 | -.197 | 0 | %100 |
| 31 | M21 | X | -.114 | -.114 | 0 | %100 |
| 32 | M21 | Z | -.197 | -.197 | 0 | %100 |
| 33 | M24 | X | -.114 | -.114 | 0 | %100 |
| 34 | M24 | Z | -.197 | -.197 | 0 | %100 |
| 35 | M25 | X | -.114 | -.114 | 0 | %100 |
| 36 | M25 | Z | -.197 | -.197 | 0 | %100 |
| 37 | M26 | X | -.114 | -.114 | 0 | %100 |
| 38 | M26 | Z | -.197 | -.197 | 0 | %100 |
| 39 | M27 | X | -.114 | -.114 | 0 | %100 |
| 40 | M27 | Z | -.197 | -.197 | 0 | %100 |
| 41 | M28 | X | -.114 | -.114 | 0 | %100 |
| 42 | M28 | Z | -.197 | -.197 | 0 | %100 |
| 43 | M29 | X | -.114 | -.114 | 0 | %100 |
| 44 | M29 | Z | -.197 | -.197 | 0 | %100 |
| 45 | M32 | X | -.165 | -.165 | 0 | %100 |
| 46 | M32 | Z | -.286 | -.286 | 0 | %100 |
| 47 | M33 | X | -.165 | -.165 | 0 | %100 |
| 48 | M33 | Z | -.286 | -.286 | 0 | %100 |
| 49 | M34 | X | -.165 | -.165 | 0 | %100 |
| 50 | M34 | Z | -.286 | -.286 | 0 | %100 |
| 51 | M35 | X | -.122 | -.122 | 0 | %100 |
| 52 | M35 | Z | -.211 | -.211 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 53 | M36 | X | -.125 | -.125 | 0 | %100 |
| 54 | M36 | Z | -.217 | -.217 | 0 | %100 |
| 55 | M37 | X | -.165 | -.165 | 0 | %100 |
| 56 | M37 | Z | -.286 | -.286 | 0 | %100 |
| 57 | M38 | X | -.165 | -.165 | 0 | %100 |
| 58 | M38 | Z | -.286 | -.286 | 0 | %100 |
| 59 | M39 | X | -.165 | -.165 | 0 | %100 |
| 60 | M39 | Z | -.286 | -.286 | 0 | %100 |
| 61 | M40 | X | -.122 | -.122 | 0 | %100 |
| 62 | M40 | Z | -.211 | -.211 | 0 | %100 |
| 63 | M41 | X | -.125 | -.125 | 0 | %100 |
| 64 | M41 | Z | -.217 | -.217 | 0 | %100 |
| 65 | M41A | X | -.234 | -.234 | 0 | %100 |
| 66 | M41A | Z | -.405 | -.405 | 0 | %100 |
| 67 | FACE | X | -.234 | -.234 | 0 | %100 |
| 68 | FACE | Z | -.405 | -.405 | 0 | %100 |
| 69 | MP1A | X | -.257 | -.257 | 0 | %100 |
| 70 | MP1A | Z | -.446 | -.446 | 0 | %100 |
| 71 | MP2A | X | -.257 | -.257 | 0 | %100 |
| 72 | MP2A | Z | -.446 | -.446 | 0 | %100 |
| 73 | MP3A | X | -.257 | -.257 | 0 | %100 |
| 74 | MP3A | Z | -.446 | -.446 | 0 | %100 |
| 75 | MP4A | X | -.257 | -.257 | 0 | %100 |
| 76 | MP4A | Z | -.446 | -.446 | 0 | %100 |
| 77 | MP5A | X | -.257 | -.257 | 0 | %100 |
| 78 | MP5A | Z | -.446 | -.446 | 0 | %100 |
| 79 | M58 | X | -.309 | -.309 | 0 | %100 |
| 80 | M58 | Z | -.536 | -.536 | 0 | %100 |
| 81 | M59 | X | -.041 | -.041 | 0 | %100 |
| 82 | M59 | Z | -.07 | -.07 | 0 | %100 |
| 83 | M60 | X | -.041 | -.041 | 0 | %100 |
| 84 | M60 | Z | -.07 | -.07 | 0 | %100 |
| 85 | M61 | X | -.041 | -.041 | 0 | %100 |
| 86 | M61 | Z | -.07 | -.07 | 0 | %100 |
| 87 | M62 | X | -.041 | -.041 | 0 | %100 |
| 88 | M62 | Z | -.07 | -.07 | 0 | %100 |
| 89 | M63 | X | -.257 | -.257 | 0 | %100 |
| 90 | M63 | Z | -.446 | -.446 | 0 | %100 |
| 91 | M64 | X | -.257 | -.257 | 0 | %100 |
| 92 | M64 | Z | -.446 | -.446 | 0 | %100 |
| 93 | M65 | X | -.257 | -.257 | 0 | %100 |
| 94 | M65 | Z | -.446 | -.446 | 0 | %100 |
| 95 | M66 | X | -.257 | -.257 | 0 | %100 |
| 96 | M66 | Z | -.446 | -.446 | 0 | %100 |
| 97 | M71 | X | -.257 | -.257 | 0 | %100 |
| 98 | M71 | Z | -.446 | -.446 | 0 | %100 |
| 99 | M72 | X | -.257 | -.257 | 0 | %100 |
| 100 | M72 | Z | -.446 | -.446 | 0 | %100 |
| 101 | M73 | X | -.114 | -.114 | 0 | %100 |
| 102 | M73 | Z | -.197 | -.197 | 0 | %100 |
| 103 | M74 | X | -.114 | -.114 | 0 | %100 |
| 104 | M74 | Z | -.197 | -.197 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 105 | M75 | X | -.114 | -.114 | 0 | %100 |
| 106 | M75 | Z | -.197 | -.197 | 0 | %100 |
| 107 | M76 | X | -.114 | -.114 | 0 | %100 |
| 108 | M76 | Z | -.197 | -.197 | 0 | %100 |
| 109 | M77 | X | -.114 | -.114 | 0 | %100 |
| 110 | M77 | Z | -.197 | -.197 | 0 | %100 |
| 111 | M78 | X | -.114 | -.114 | 0 | %100 |
| 112 | M78 | Z | -.197 | -.197 | 0 | %100 |
| 113 | M79 | X | -.114 | -.114 | 0 | %100 |
| 114 | M79 | Z | -.197 | -.197 | 0 | %100 |
| 115 | M80 | X | -.114 | -.114 | 0 | %100 |
| 116 | M80 | Z | -.197 | -.197 | 0 | %100 |
| 117 | M81 | X | -.114 | -.114 | 0 | %100 |
| 118 | M81 | Z | -.197 | -.197 | 0 | %100 |
| 119 | M82 | X | -.114 | -.114 | 0 | %100 |
| 120 | M82 | Z | -.197 | -.197 | 0 | %100 |
| 121 | M83 | X | -.114 | -.114 | 0 | %100 |
| 122 | M83 | Z | -.197 | -.197 | 0 | %100 |
| 123 | M84 | X | -.114 | -.114 | 0 | %100 |
| 124 | M84 | Z | -.197 | -.197 | 0 | %100 |
| 125 | M85 | X | -.165 | -.165 | 0 | %100 |
| 126 | M85 | Z | -.286 | -.286 | 0 | %100 |
| 127 | M86 | X | -.165 | -.165 | 0 | %100 |
| 128 | M86 | Z | -.286 | -.286 | 0 | %100 |
| 129 | M87 | X | -.165 | -.165 | 0 | %100 |
| 130 | M87 | Z | -.286 | -.286 | 0 | %100 |
| 131 | M88 | X | -.18 | -.18 | 0 | %100 |
| 132 | M88 | Z | -.312 | -.312 | 0 | %100 |
| 133 | M89 | X | -.18 | -.18 | 0 | %100 |
| 134 | M89 | Z | -.312 | -.312 | 0 | %100 |
| 135 | M90 | X | -.165 | -.165 | 0 | %100 |
| 136 | M90 | Z | -.286 | -.286 | 0 | %100 |
| 137 | M91 | X | -.165 | -.165 | 0 | %100 |
| 138 | M91 | Z | -.286 | -.286 | 0 | %100 |
| 139 | M92 | X | -.165 | -.165 | 0 | %100 |
| 140 | M92 | Z | -.286 | -.286 | 0 | %100 |
| 141 | M93 | X | -.18 | -.18 | 0 | %100 |
| 142 | M93 | Z | -.312 | -.312 | 0 | %100 |
| 143 | M94 | X | -.18 | -.18 | 0 | %100 |
| 144 | M94 | Z | -.312 | -.312 | 0 | %100 |
| 145 | M99 | X | 0 | 0 | 0 | %100 |
| 146 | M99 | Z | 0 | 0 | 0 | %100 |
| 147 | M100 | X | 0 | 0 | 0 | %100 |
| 148 | M100 | Z | 0 | 0 | 0 | %100 |
| 149 | MP1C | X | -.257 | -.257 | 0 | %100 |
| 150 | MP1C | Z | -.446 | -.446 | 0 | %100 |
| 151 | MP2C | X | -.257 | -.257 | 0 | %100 |
| 152 | MP2C | Z | -.446 | -.446 | 0 | %100 |
| 153 | MP3C | X | -.257 | -.257 | 0 | %100 |
| 154 | MP3C | Z | -.446 | -.446 | 0 | %100 |
| 155 | MP4C | X | -.257 | -.257 | 0 | %100 |
| 156 | MP4C | Z | -.446 | -.446 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 157 | MP5C | X | -.257 | -.257 | 0 | %100 |
| 158 | MP5C | Z | -.446 | -.446 | 0 | %100 |
| 159 | M116 | X | -.079 | -.079 | 0 | %100 |
| 160 | M116 | Z | -.136 | -.136 | 0 | %100 |
| 161 | M117 | X | -.01 | -.01 | 0 | %100 |
| 162 | M117 | Z | -.018 | -.018 | 0 | %100 |
| 163 | M118 | X | -.01 | -.01 | 0 | %100 |
| 164 | M118 | Z | -.018 | -.018 | 0 | %100 |
| 165 | M119 | X | -.01 | -.01 | 0 | %100 |
| 166 | M119 | Z | -.018 | -.018 | 0 | %100 |
| 167 | M120 | X | -.01 | -.01 | 0 | %100 |
| 168 | M120 | Z | -.018 | -.018 | 0 | %100 |
| 169 | M121 | X | -.064 | -.064 | 0 | %100 |
| 170 | M121 | Z | -.111 | -.111 | 0 | %100 |
| 171 | M122 | X | -.064 | -.064 | 0 | %100 |
| 172 | M122 | Z | -.111 | -.111 | 0 | %100 |
| 173 | M123 | X | -.064 | -.064 | 0 | %100 |
| 174 | M123 | Z | -.111 | -.111 | 0 | %100 |
| 175 | M124 | X | -.064 | -.064 | 0 | %100 |
| 176 | M124 | Z | -.111 | -.111 | 0 | %100 |
| 177 | M129 | X | -.257 | -.257 | 0 | %100 |
| 178 | M129 | Z | -.446 | -.446 | 0 | %100 |
| 179 | M130 | X | -.257 | -.257 | 0 | %100 |
| 180 | M130 | Z | -.446 | -.446 | 0 | %100 |
| 181 | M131 | X | -.114 | -.114 | 0 | %100 |
| 182 | M131 | Z | -.197 | -.197 | 0 | %100 |
| 183 | M132 | X | -.114 | -.114 | 0 | %100 |
| 184 | M132 | Z | -.197 | -.197 | 0 | %100 |
| 185 | M133 | X | -.114 | -.114 | 0 | %100 |
| 186 | M133 | Z | -.197 | -.197 | 0 | %100 |
| 187 | M134 | X | -.114 | -.114 | 0 | %100 |
| 188 | M134 | Z | -.197 | -.197 | 0 | %100 |
| 189 | M135 | X | -.114 | -.114 | 0 | %100 |
| 190 | M135 | Z | -.197 | -.197 | 0 | %100 |
| 191 | M136 | X | -.114 | -.114 | 0 | %100 |
| 192 | M136 | Z | -.197 | -.197 | 0 | %100 |
| 193 | M137 | X | -.114 | -.114 | 0 | %100 |
| 194 | M137 | Z | -.197 | -.197 | 0 | %100 |
| 195 | M138 | X | -.114 | -.114 | 0 | %100 |
| 196 | M138 | Z | -.197 | -.197 | 0 | %100 |
| 197 | M139 | X | -.114 | -.114 | 0 | %100 |
| 198 | M139 | Z | -.197 | -.197 | 0 | %100 |
| 199 | M140 | X | -.114 | -.114 | 0 | %100 |
| 200 | M140 | Z | -.197 | -.197 | 0 | %100 |
| 201 | M141 | X | -.114 | -.114 | 0 | %100 |
| 202 | M141 | Z | -.197 | -.197 | 0 | %100 |
| 203 | M142 | X | -.114 | -.114 | 0 | %100 |
| 204 | M142 | Z | -.197 | -.197 | 0 | %100 |
| 205 | M143 | X | -.165 | -.165 | 0 | %100 |
| 206 | M143 | Z | -.286 | -.286 | 0 | %100 |
| 207 | M144 | X | -.165 | -.165 | 0 | %100 |
| 208 | M144 | Z | -.286 | -.286 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,... | End Magnitude[lb/ft,F... | Start Location[ft,%] | End Location[ft,%] |
|---|---|---|---|---|---|---|
| 209 | M145 | X | -.165 | -.165 | 0 | %100 |
| 210 | M145 | Z | -.286 | -.286 | 0 | %100 |
| 211 | M146 | X | -.122 | -.122 | 0 | %100 |
| 212 | M146 | Z | -.211 | -.211 | 0 | %100 |
| 213 | M147 | X | -.125 | -.125 | 0 | %100 |
| 214 | M147 | Z | -.217 | -.217 | 0 | %100 |
| 215 | M148 | X | -.165 | -.165 | 0 | %100 |
| 216 | M148 | Z | -.286 | -.286 | 0 | %100 |
| 217 | M149 | X | -.165 | -.165 | 0 | %100 |
| 218 | M149 | Z | -.286 | -.286 | 0 | %100 |
| 219 | M150 | X | -.165 | -.165 | 0 | %100 |
| 220 | M150 | Z | -.286 | -.286 | 0 | %100 |
| 221 | M151 | X | -.122 | -.122 | 0 | %100 |
| 222 | M151 | Z | -.211 | -.211 | 0 | %100 |
| 223 | M152 | X | -.125 | -.125 | 0 | %100 |
| 224 | M152 | Z | -.217 | -.217 | 0 | %100 |
| 225 | M157 | X | -.234 | -.234 | 0 | %100 |
| 226 | M157 | Z | -.405 | -.405 | 0 | %100 |
| 227 | M158 | X | -.234 | -.234 | 0 | %100 |
| 228 | M158 | Z | -.405 | -.405 | 0 | %100 |
| 229 | MP1B | X | -.257 | -.257 | 0 | %100 |
| 230 | MP1B | Z | -.446 | -.446 | 0 | %100 |
| 231 | MP2B | X | -.257 | -.257 | 0 | %100 |
| 232 | MP2B | Z | -.446 | -.446 | 0 | %100 |
| 233 | MP3B | X | -.257 | -.257 | 0 | %100 |
| 234 | MP3B | Z | -.446 | -.446 | 0 | %100 |
| 235 | MP4B | X | -.257 | -.257 | 0 | %100 |
| 236 | MP4B | Z | -.446 | -.446 | 0 | %100 |
| 237 | MP5B | X | -.257 | -.257 | 0 | %100 |
| 238 | MP5B | Z | -.446 | -.446 | 0 | %100 |
| 239 | M174 | X | -.056 | -.056 | 0 | %100 |
| 240 | M174 | Z | -.098 | -.098 | 0 | %100 |

## Member Area Loads

| Joint A | Joint B | Joint C | Joint D | Direction | Distribution | Magnitude[ksf] |
|---|---|---|---|---|---|---|
| No Data to Print ... | | | | | | |

## 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 | N7 | max | 2042.584 | 22 | 1517.183 | 21 | 873.544 | 12 | .012 | 29 | 0 | 51 | -.034 | 3 |
| 2 | | min | 128.867 | 5 | 456.25 | 3 | -1341.839 | 6 | -.095 | 49 | 0 | 1 | -.171 | 21 |
| 3 | N1 | max | -537.81 | 1 | 936.502 | 21 | 1492.834 | 12 | .012 | 27 | 0 | 51 | -.02 | 2 |
| 4 | | min | -1925.551 | 19 | 280.582 | 3 | -1026.567 | 6 | -.056 | 49 | 0 | 1 | -.093 | 20 |
| 5 | N8 | max | 120.346 | 9 | 1557.105 | 17 | 486.208 | 1 | -.029 | 9 | 0 | 51 | .16 | 17 |
| 6 | | min | -1895.919 | 15 | 453.379 | 11 | -2437.702 | 31 | -.204 | 27 | 0 | 1 | .017 | 11 |
| 7 | N2 | max | 1908.63 | 19 | 957.816 | 17 | 2424.642 | 26 | -.017 | 9 | 0 | 51 | .088 | 17 |
| 8 | | min | -164.172 | 1 | 286.254 | 11 | -187.625 | 8 | -.125 | 27 | 0 | 1 | 0 | 11 |
| 9 | N92 | max | 1509.011 | 10 | 86.658 | 20 | 1035.251 | 4 | -.058 | 49 | 0 | 51 | -.076 | 2 |
| 10 | | min | -1507.191 | 4 | 42.271 | 49 | -1035.195 | 10 | -.132 | 18 | 0 | 1 | -.185 | 21 |

## 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | N95 | max | 1557.906 | 10 | 936.926 | 13 | -469.94 | 8 | .1 | 13 | 0 | 51 | .028 | 10 |
| 12 | | min | -1046.334 | 4 | 274.431 | 7 | -2102.86 | 14 | .011 | 7 | 0 | 1 | -.002 | 4 |
| 13 | N101 | max | 996.904 | 10 | 1518.16 | 13 | 2150.159 | 24 | .186 | 13 | 0 | 51 | .047 | 10 |
| 14 | | min | -1511.974 | 4 | 446.382 | 7 | 360.349 | 6 | .026 | 7 | 0 | 1 | -.006 | 4 |
| 15 | N185 | max | 1518.584 | 11 | 93.535 | 17 | 866.031 | 11 | -.044 | 8 | 0 | 51 | .232 | 17 |
| 16 | | min | -1508.477 | 5 | 47.219 | 9 | -871.789 | 6 | -.131 | 14 | 0 | 1 | .095 | 11 |
| 17 | N277 | max | 150.475 | 1 | 86.709 | 24 | 1820.87 | 2 | .226 | 24 | 0 | 51 | 0 | 1 |
| 18 | | min | -151.072 | 7 | 42.857 | 5 | -1817.543 | 8 | .101 | 6 | 0 | 1 | -.026 | 7 |
| 19 | Totals: | max | 6262.935 | 10 | 7435.113 | 21 | 6214.807 | 1 | | | | | | |
| 20 | | min | -6262.933 | 4 | 3433.638 | 3 | -6214.803 | 7 | | | | | | |

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

| | Member | Shape | Code Che... | Loc[... | LC | Shea... | Loc[... | Dir | LC | phi*Pn... | phi*Pnt... | phi*Mn... | phi*Mn... | Cb | Eqn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | M1 | PL3/8x3.5 | .562 | 0 | 21 | .091 | 0 | y | 3 | 40839.... | 42525 | .332 | 3.101 | 1... | H1-1b |
| 2 | M2 | PL3/8x3.5 | .379 | 0 | 22 | .077 | .25 | y | 30 | 40839.... | 42525 | .332 | 3.101 | 1... | H1-1b |
| 3 | M3 | PL3/8x3.5 | .774 | 0 | 29 | .084 | 0 | z | 29 | 40839.... | 42525 | .332 | 3.101 | 1... | H1-1b |
| 4 | M4 | PL3/8x3.5 | .498 | 0 | 27 | .077 | 0 | y | 9 | 40839.... | 42525 | .332 | 3.092 | 1... | H1-1b |
| 5 | M5 | PIPE_2.0 | .324 | .781 | 21 | .074 | 0 | | 21 | 20114.... | 32130 | 1.872 | 1.872 | 3... | H1-1b |
| 6 | M6 | PIPE_2.0 | .241 | .781 | 23 | .063 | 5.599 | | 22 | 20114.... | 32130 | 1.872 | 1.872 | 2... | H1-1b |
| 7 | M7 | PIPE_2.0 | .450 | .781 | 29 | .111 | 0 | | 29 | 20114.... | 32130 | 1.872 | 1.872 | 3... | H1-1b |
| 8 | M8 | PIPE_2.0 | .326 | .781 | 27 | .101 | 5.599 | | 30 | 20114.... | 32130 | 1.872 | 1.872 | 2... | H1-1b |
| 9 | M13 | PIPE_2.0 | .263 | 3.385 | 11 | .226 | 4.74 | | 11 | 23808.... | 32130 | 1.872 | 1.872 | 2... | H1-1b |
| 10 | M14 | PIPE_2.0 | .174 | 1.354 | 7 | .134 | 1.302 | | 7 | 23808.... | 32130 | 1.872 | 1.872 | 1... | H1-1b |
| 11 | M16 | PL3/8x2.5 | .234 | 0 | 22 | .096 | .292 | y | 23 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 12 | M17 | PL3/8x2.5 | .129 | 0 | 22 | .056 | 0 | y | 21 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 13 | M18 | PL3/8x2.5 | .017 | 0 | 10 | .014 | 0 | y | 8 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 14 | M19 | PL3/8x2.5 | .131 | .292 | 22 | .066 | 0 | y | 21 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 15 | M20 | PL3/8x2.5 | .227 | .292 | 22 | .094 | .292 | y | 23 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 16 | M21 | PL3/8x2.5 | .020 | .292 | 22 | .018 | .292 | y | 30 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b* |
| 17 | M24 | PL3/8x2.5 | .318 | 0 | 28 | .151 | .292 | y | 27 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 18 | M25 | PL3/8x2.5 | .188 | 0 | 28 | .105 | 0 | y | 29 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 19 | M26 | PL3/8x2.5 | .019 | 0 | 4 | .016 | 0 | y | 6 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 20 | M27 | PL3/8x2.5 | .197 | .292 | 28 | .103 | 0 | y | 29 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 21 | M28 | PL3/8x2.5 | .305 | .292 | 27 | .153 | .292 | y | 27 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 22 | M29 | PL3/8x2.5 | .027 | .292 | 27 | .015 | .292 | y | 8 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b* |
| 23 | M32 | 1.5 w 0.06... | .082 | 2.833 | 22 | .012 | 2.833 | | 6 | 6807.8... | 8550.1... | .327 | .327 | 1... | H1-1b* |
| 24 | M33 | 1.5 w 0.06... | .135 | 2.833 | 20 | .012 | 2.833 | | 3 | 6807.8... | 8550.1... | .327 | .327 | 1... | H1-1b* |
| 25 | M34 | 1.5 w 0.06... | .063 | 2.833 | 21 | .011 | 2.833 | | 8 | 6807.8... | 8550.1... | .327 | .327 | 1... | H1-1b* |
| 26 | M35 | 1.5 w 0.06... | .224 | 1.837 | 23 | .012 | 0 | | 11 | 5734.7... | 8550.1... | .327 | .327 | 1... | H1-1a |
| 27 | M36 | 1.5 w 0.06... | .078 | 1.835 | 23 | .017 | 0 | | 11 | 5833.0... | 8550.1... | .327 | .327 | 1... | H1-1b |
| 28 | M37 | 1.5 w 0.06... | .113 | 2.833 | 27 | .012 | 2.833 | | 9 | 6807.8... | 8550.1... | .327 | .327 | 1... | H1-1b* |
| 29 | M38 | 1.5 w 0.06... | .205 | 1.594 | 29 | .015 | 2.833 | | 11 | 6807.8... | 8550.1... | .327 | .327 | 1... | H1-1a |
| 30 | M39 | 1.5 w 0.06... | .075 | 2.833 | 41 | .012 | 2.833 | | 6 | 6807.8... | 8550.1... | .327 | .327 | 1... | H1-1b* |
| 31 | M40 | 1.5 w 0.06... | .289 | 1.837 | 27 | .010 | 3.751 | | 1 | 5734.7... | 8550.1... | .327 | .327 | 1... | H1-1a |
| 32 | M41 | 1.5 w 0.06... | .094 | 1.835 | 27 | .013 | 0 | | 2 | 5833.0... | 8550.1... | .327 | .327 | 1... | H1-1b |
| 33 | M41A | PIPE_2.5 | .203 | 11.5... | 26 | .087 | 11.4... | | 7 | 10110.... | 50715 | 3.596 | 3.596 | 1... | H1-1b |
| 34 | FACE | PIPE_2.5 | .265 | 11.5... | 31 | .127 | 3.125 | | 9 | 10110.... | 50715 | 3.596 | 3.596 | 2... | H1-1b |
| 35 | MP1A | PIPE_2.0 | .280 | 6.833 | 33 | .053 | 3.417 | | 6 | 14916.... | 32130 | 1.872 | 1.872 | 1... | H1-1b |
| 36 | MP2A | PIPE_2.0 | .151 | 6.833 | 41 | .021 | 4.917 | | 3 | 14916.... | 32130 | 1.872 | 1.872 | 1... | H1-1b |
| 37 | MP3A | PIPE_2.0 | .190 | 4.75 | 3 | .095 | 4.75 | | 5 | 20866.... | 32130 | 1.872 | 1.872 | 1... | H1-1b |

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

| | Member | Shape | Code Che... | Loc[... | LC | Shea... | Loc[... | Dir | LC | phi*Pn... | phi*Pnt... | phi*Mn... | phi*Mn... | Cb | Eqn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38 | MP4A | PIPE_2.0 | .187 | 4.75 | 10 | .029 | 4.75 | | 5 | 20866.... | 32130 | 1.872 | 1.872 | 1... | H1-1b |
| 39 | MP5A | PIPE_2.0 | .160 | 6.25 | 49 | .051 | 2.833 | | 9 | 14916.... | 32130 | 1.872 | 1.872 | 2... | H1-1b |
| 40 | M58 | PIPE_2.5 | .091 | 10.6... | 4 | .012 | 10.6... | | 27 | 20021.... | 50715 | 3.596 | 3.596 | 2... | H1-1b* |
| 41 | M59 | PL3/8x3.5 | .588 | 0 | 17 | .070 | 0 | y | 11 | 40839.... | 42525 | .332 | 3.101 | 1... | H1-1b |
| 42 | M60 | PL3/8x3.5 | .392 | 0 | 17 | .058 | 0 | y | 12 | 40839.... | 42525 | .332 | 3.101 | 1... | H1-1b |
| 43 | M61 | PL3/8x3.5 | .627 | 0 | 13 | .051 | 0 | y | 5 | 40839.... | 42525 | .332 | 3.101 | 1... | H1-1b |
| 44 | M62 | PL3/8x3.5 | .423 | 0 | 24 | .088 | 0 | y | 5 | 40839.... | 42525 | .332 | 3.101 | 1... | H1-1b |
| 45 | M63 | PIPE_2.0 | .338 | .781 | 17 | .077 | 0 | | 17 | 20114.... | 32130 | 1.872 | 1.872 | 3... | H1-1b |
| 46 | M64 | PIPE_2.0 | .249 | .781 | 18 | .066 | 5.599 | | 18 | 20114.... | 32130 | 1.872 | 1.872 | 2... | H1-1b |
| 47 | M65 | PIPE_2.0 | .358 | .781 | 24 | .082 | 0 | | 24 | 20114.... | 32130 | 1.872 | 1.872 | 3... | H1-1b |
| 48 | M66 | PIPE_2.0 | .262 | .781 | 23 | .069 | 5.599 | | 24 | 20114.... | 32130 | 1.872 | 1.872 | 2... | H1-1b |
| 49 | M71 | PIPE_2.0 | .327 | 3.958 | 6 | .302 | 3.958 | | 6 | 23808.... | 32130 | 1.872 | 1.872 | 2... | H3-6 |
| 50 | M72 | PIPE_2.0 | .166 | 1.302 | 4 | .158 | 1.302 | | 2 | 23808.... | 32130 | 1.872 | 1.872 | 1... | H1-1b |
| 51 | M73 | PL3/8x2.5 | .242 | 0 | 18 | .100 | .292 | y | 19 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 52 | M74 | PL3/8x2.5 | .132 | 0 | 17 | .057 | 0 | y | 17 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 53 | M75 | PL3/8x2.5 | .015 | 0 | 5 | .015 | 0 | y | 4 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 54 | M76 | PL3/8x2.5 | .133 | .292 | 18 | .065 | 0 | y | 15 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 55 | M77 | PL3/8x2.5 | .233 | .292 | 18 | .099 | 0 | y | 18 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 56 | M78 | PL3/8x2.5 | .020 | .292 | 17 | .020 | .292 | y | 1 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b* |
| 57 | M79 | PL3/8x2.5 | .257 | 0 | 24 | .106 | .292 | y | 23 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 58 | M80 | PL3/8x2.5 | .147 | 0 | 24 | .072 | 0 | y | 12 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 59 | M81 | PL3/8x2.5 | .017 | 0 | 11 | .011 | 0 | y | 3 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 60 | M82 | PL3/8x2.5 | .149 | .292 | 24 | .073 | .292 | y | 24 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 61 | M83 | PL3/8x2.5 | .247 | .292 | 23 | .104 | 0 | y | 13 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 62 | M84 | PL3/8x2.5 | .021 | .292 | 23 | .017 | .292 | y | 5 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b* |
| 63 | M85 | 1.5 w 0.06... | .085 | 2.833 | 17 | .014 | 2.833 | | 1 | 6807.8... | 8550.1... | .327 | .327 | 1... | H1-1b* |
| 64 | M86 | 1.5 w 0.06... | .143 | 2.833 | 17 | .019 | 2.833 | | 11 | 6807.8... | 8550.1... | .327 | .327 | 1... | H1-1b* |
| 65 | M87 | 1.5 w 0.06... | .060 | 2.833 | 17 | .011 | 2.833 | | 4 | 6807.8... | 8550.1... | .327 | .327 | 1... | H1-1b* |
| 66 | M88 | 1.5 w 0.06... | .231 | 1.837 | 19 | .013 | 0 | | 11 | 5734.7... | 8550.1... | .327 | .327 | 1... | H1-1a |
| 67 | M89 | 1.5 w 0.06... | .080 | 1.835 | 19 | .015 | 3.67 | | 11 | 5833.0... | 8550.1... | .327 | .327 | 1... | H1-1b |
| 68 | M90 | 1.5 w 0.06... | .090 | 2.833 | 23 | .013 | 2.833 | | 5 | 6807.8... | 8550.1... | .327 | .327 | 1... | H1-1b* |
| 69 | M91 | 1.5 w 0.06... | .154 | 2.833 | 24 | .012 | 2.833 | | 7 | 6807.8... | 8550.1... | .327 | .327 | 1... | H1-1b* |
| 70 | M92 | 1.5 w 0.06... | .069 | 2.833 | 24 | .009 | 2.833 | | 3 | 6807.8... | 8550.1... | .327 | .327 | 1... | H1-1b* |
| 71 | M93 | 1.5 w 0.06... | .245 | 1.837 | 23 | .010 | 3.751 | | 8 | 5734.7... | 8550.1... | .327 | .327 | 1... | H1-1a |
| 72 | M94 | 1.5 w 0.06... | .086 | 1.835 | 23 | .024 | 0 | | 11 | 5833.0... | 8550.1... | .327 | .327 | 1... | H1-1b |
| 73 | M99 | PIPE_2.5 | .266 | 2.969 | 2 | .095 | 2.969 | | 11 | 10110.... | 50715 | 3.596 | 3.596 | 1... | H1-1b |
| 74 | M100 | PIPE_2.5 | .462 | 2.969 | 7 | .083 | 2.969 | | 8 | 10110.... | 50715 | 3.596 | 3.596 | 2... | H1-1b |
| 75 | MP1C | PIPE_2.0 | .083 | 6.833 | 17 | .054 | 3.417 | | 3 | 14916.... | 32130 | 1.872 | 1.872 | 2... | H1-1b |
| 76 | MP2C | PIPE_2.0 | .116 | 6.833 | 12 | .021 | 4.917 | | 11 | 14916.... | 32130 | 1.872 | 1.872 | 1... | H1-1b |
| 77 | MP3C | PIPE_2.0 | .196 | 4.75 | 11 | .095 | 4.75 | | 12 | 20866.... | 32130 | 1.872 | 1.872 | 2... | H1-1b |
| 78 | MP4C | PIPE_2.0 | .135 | 4.75 | 5 | .039 | 4.75 | | 12 | 20866.... | 32130 | 1.872 | 1.872 | 1... | H1-1b |
| 79 | MP5C | PIPE_2.0 | .328 | 5.75 | 11 | .207 | 5.75 | | 5 | 14916.... | 32130 | 1.872 | 1.872 | 2... | H1-1b |
| 80 | M116 | PIPE_2.5 | .132 | 13.1... | 11 | .013 | 13.1... | | 8 | 13242.... | 50715 | 3.596 | 3.596 | 2... | H1-1b* |
| 81 | M117 | PL3/8x3.5 | .577 | 0 | 13 | .104 | 0 | y | 7 | 40839.... | 42525 | .332 | 3.101 | 1... | H1-1b |
| 82 | M118 | PL3/8x3.5 | .393 | 0 | 13 | .053 | 0 | y | 20 | 40839.... | 42525 | .332 | 3.101 | 1... | H1-1b |
| 83 | M119 | PL3/8x3.5 | .625 | 0 | 21 | .053 | 0 | y | 7 | 40839.... | 42525 | .332 | 3.101 | 1... | H1-1b |
| 84 | M120 | PL3/8x3.5 | .417 | 0 | 20 | .083 | 0 | y | 1 | 40839.... | 42525 | .332 | 3.101 | 1... | H1-1b |
| 85 | M121 | PIPE_2.0 | .328 | .781 | 13 | .075 | 0 | | 13 | 20114.... | 32130 | 1.872 | 1.872 | 3... | H1-1b |
| 86 | M122 | PIPE_2.0 | .244 | .781 | 14 | .063 | 5.599 | | 14 | 20114.... | 32130 | 1.872 | 1.872 | 2... | H1-1b |
| 87 | M123 | PIPE_2.0 | .362 | .781 | 21 | .082 | 0 | | 20 | 20114.... | 32130 | 1.872 | 1.872 | 3... | H1-1b |
| 88 | M124 | PIPE_2.0 | .264 | .781 | 19 | .067 | 5.599 | | 20 | 20114.... | 32130 | 1.872 | 1.872 | 2... | H1-1b |
| 89 | M129 | PIPE_2.0 | .260 | 3.385 | 2 | .215 | 4.74 | | 3 | 23808.... | 32130 | 1.872 | 1.872 | 3... | H1-1b |

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

| | Member | Shape | Code Che... | Loc[... | LC | Shea... | Loc[... | Dir | LC | phi*Pn... | phi*Pnt... | phi*Mn... | phi*Mn... | Cb | Eqn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90 | M130 | PIPE_2.0 | .172 | 1.354 | 11 | .124 | 1.302 | | 11 | 23808.... | 32130 | 1.872 | 1.872 | 1... | H1-1b |
| 91 | M131 | PL3/8x2.5 | .236 | 0 | 14 | .098 | .292 | y | 16 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 92 | M132 | PL3/8x2.5 | .130 | 0 | 14 | .057 | 0 | y | 13 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 93 | M133 | PL3/8x2.5 | .016 | 0 | 2 | .015 | 0 | y | 12 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 94 | M134 | PL3/8x2.5 | .133 | .292 | 14 | .066 | 0 | y | 13 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 95 | M135 | PL3/8x2.5 | .228 | .292 | 14 | .095 | 0 | y | 13 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 96 | M136 | PL3/8x2.5 | .020 | .292 | 14 | .014 | .292 | y | 10 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b* |
| 97 | M137 | PL3/8x2.5 | .259 | 0 | 20 | .109 | .292 | y | 19 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 98 | M138 | PL3/8x2.5 | .147 | 0 | 20 | .064 | 0 | y | 20 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 99 | M139 | PL3/8x2.5 | .018 | 0 | 8 | .015 | 0 | y | 10 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 100 | M140 | PL3/8x2.5 | .150 | .292 | 20 | .073 | 0 | y | 20 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 101 | M141 | PL3/8x2.5 | .250 | .292 | 20 | .107 | .292 | y | 19 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b |
| 102 | M142 | PL3/8x2.5 | .022 | .292 | 19 | .017 | .292 | y | 1 | 28765.... | 30391.2 | .238 | 1.582 | 1... | H1-1b* |
| 103 | M143 | 1.5 w 0.06... | .083 | 2.833 | 14 | .011 | 2.833 | | 9 | 6807.8... | 8550.1... | .327 | .327 | 1... | H1-1b* |
| 104 | M144 | 1.5 w 0.06... | .137 | 2.833 | 13 | .014 | 2.833 | | 7 | 6807.8... | 8550.1... | .327 | .327 | 1 | H1-1b* |
| 105 | M145 | 1.5 w 0.06... | .064 | 2.833 | 13 | .012 | 2.833 | | 12 | 6807.8... | 8550.1... | .327 | .327 | 1 | H1-1b* |
| 106 | M146 | 1.5 w 0.06... | .226 | 1.837 | 15 | .016 | 0 | | 5 | 5734.7... | 8550.1... | .327 | .327 | 1... | H1-1a |
| 107 | M147 | 1.5 w 0.06... | .079 | 1.835 | 15 | .015 | 0 | | 3 | 5833.0... | 8550.1... | .327 | .327 | 1... | H1-1b |
| 108 | M148 | 1.5 w 0.06... | .091 | 2.833 | 19 | .013 | 2.833 | | 1 | 6807.8... | 8550.1... | .327 | .327 | 1 | H1-1b* |
| 109 | M149 | 1.5 w 0.06... | .156 | 2.833 | 20 | .014 | 2.833 | | 3 | 6807.8... | 8550.1... | .327 | .327 | 1... | H1-1b* |
| 110 | M150 | 1.5 w 0.06... | .072 | 2.833 | 20 | .012 | 2.833 | | 10 | 6807.8... | 8550.1... | .327 | .327 | 1... | H1-1b* |
| 111 | M151 | 1.5 w 0.06... | .248 | 1.837 | 19 | .010 | 0 | | 6 | 5734.7... | 8550.1... | .327 | .327 | 1... | H1-1a |
| 112 | M152 | 1.5 w 0.06... | .087 | 1.835 | 19 | .014 | 3.67 | | 7 | 5833.0... | 8550.1... | .327 | .327 | 1... | H1-1b |
| 113 | M157 | PIPE_2.5 | .187 | 7.344 | 12 | .080 | 11.4... | | 11 | 10110.... | 50715 | 3.596 | 3.596 | 2... | H1-1b |
| 114 | M158 | PIPE_2.5 | .170 | 2.969 | 5 | .133 | 3.125 | | 1 | 10110.... | 50715 | 3.596 | 3.596 | 1... | H1-1b |
| 115 | MP1B | PIPE_2.0 | .083 | 6.833 | 13 | .055 | 3.417 | | 11 | 14916.... | 32130 | 1.872 | 1.872 | 1... | H1-1b |
| 116 | MP2B | PIPE_2.0 | .127 | 6.833 | 8 | .021 | 3.417 | | 10 | 14916.... | 32130 | 1.872 | 1.872 | 2... | H1-1b |
| 117 | MP3B | PIPE_2.0 | .212 | 1.312 | 12 | .112 | 1.312 | | 10 | 20866.... | 32130 | 1.872 | 1.872 | 1... | H1-1b |
| 118 | MP4B | PIPE_2.0 | .195 | 4.75 | 1 | .027 | 4.75 | | 9 | 20866.... | 32130 | 1.872 | 1.872 | 1... | H1-1b |
| 119 | MP5B | PIPE_2.0 | .133 | 6.25 | 5 | .051 | 2.833 | | 9 | 14916.... | 32130 | 1.872 | 1.872 | 2... | H1-1b |
| 120 | M174 | PIPE_2.5 | .091 | 10.6... | 8 | .009 | 10.6... | | 9 | 20021.... | 50715 | 3.596 | 3.596 | 2... | H1-1b* |

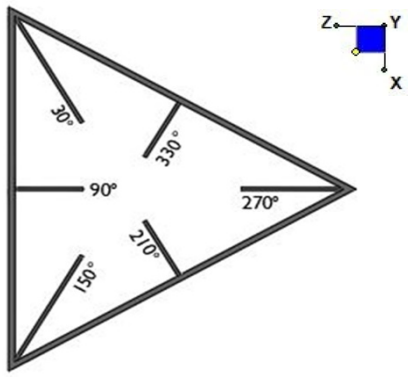
| | | | |
|---|---|---|---|
| Client: | Verizon Wireless | Date: | 7/19/2021 |
| Site Name: | EAST LYME CT | | |
| Project No. | 21777116A | | |
| Title: | Mount Analysis | Page: | 1 |

Version 3.1

# I. Mount-to-Tower Connection Check

*RISA Model Data*

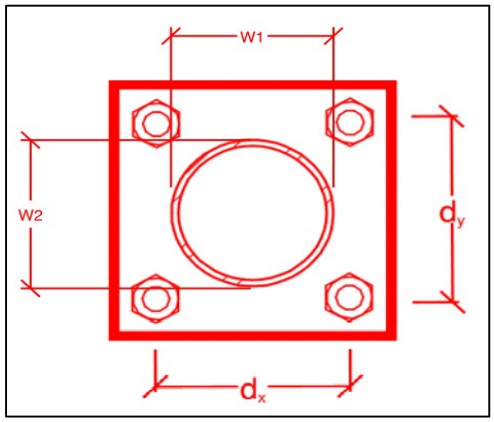
| Nodes *(labeled per RISA)* | Orientation *(per graphic of typical platform)* |
|---|---|
| N1 | 30 |
| N7 | 30 |
| N2 | 150 |
| N8 | 150 |
| N101 | 270 |
| N95 | 270 |
| | |
| | |
| | |



TYPICAL PLATFORM

*Tower Connection Bolt Checks*

| | |
|---|---|
| Any moment resistance?: | yes |
| Bolt Quantity per Reaction: | 2 |
| $d_x$ (in) *(Delta X of typ. bolt config. sketch)* : | 3.38 |
| $d_y$ (in) *(Delta Y of typ. bolt config. sketch)* : | 1.5 |
| Bolt Type: | U-bolt |
| Bolt Diameter (in): | 0.5 |
| Required Tensile Strength (kips): | 5.3 |
| Required Shear Strength (kips): | 3.1 |
| Tensile Strength / bolt (kips): | 16.3 |
| Shear Strength / bolt (kips): | 9.8 |
| Tensile Capacity Overall: | **16.1%*** |
| Shear Capacity Overall: | **16.0%** |




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

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

## Documents & Photos Required from Contractor – Passing Mount Analysis

**Purpose** – to provide Maser Consulting Connecticut the proper documentation in order to complete the required Mount Desktop review of the Post Modification Inspection Report.

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

**Base Requirements:**

- Any special photos outside of the standard requirements will be indicated on the passing MA
- Verification that loading is as communicated in the Passing Mount Analysis. NOTE If loading is different than what is conveyed contact Maser Consulting Connecticut immediately.
- Each photo should be time and date stamped
- Photos should be high resolution and submitted in a Zip File and should be organized in the file structure as depicted in Schedule A attached.
- Contractor shall ensure that the safety climb wire rope is supported and not adversely impacted by the install of the modification components. This may involve the install of wire rope guides, or other items to protect the wire rope.
- The photos in the file structure should be uploaded to ***https://pmi.vzwsmart.com*** as depicted on the drawings

**Photo Requirements:**

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

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

**Antenna & equipment placement and Geometry Confirmation:**

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

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

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

Certifying Individual: Company _____

Name _____

Signature _____

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

**Issue:**

| |
|---|
| |

**Response:**

| |
|---|
| |

## Schedule A – Photo & Document File Structure

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

**Structure: 469373-VZW - EAST LYME CT**

Sector: **A** 7/19/2021

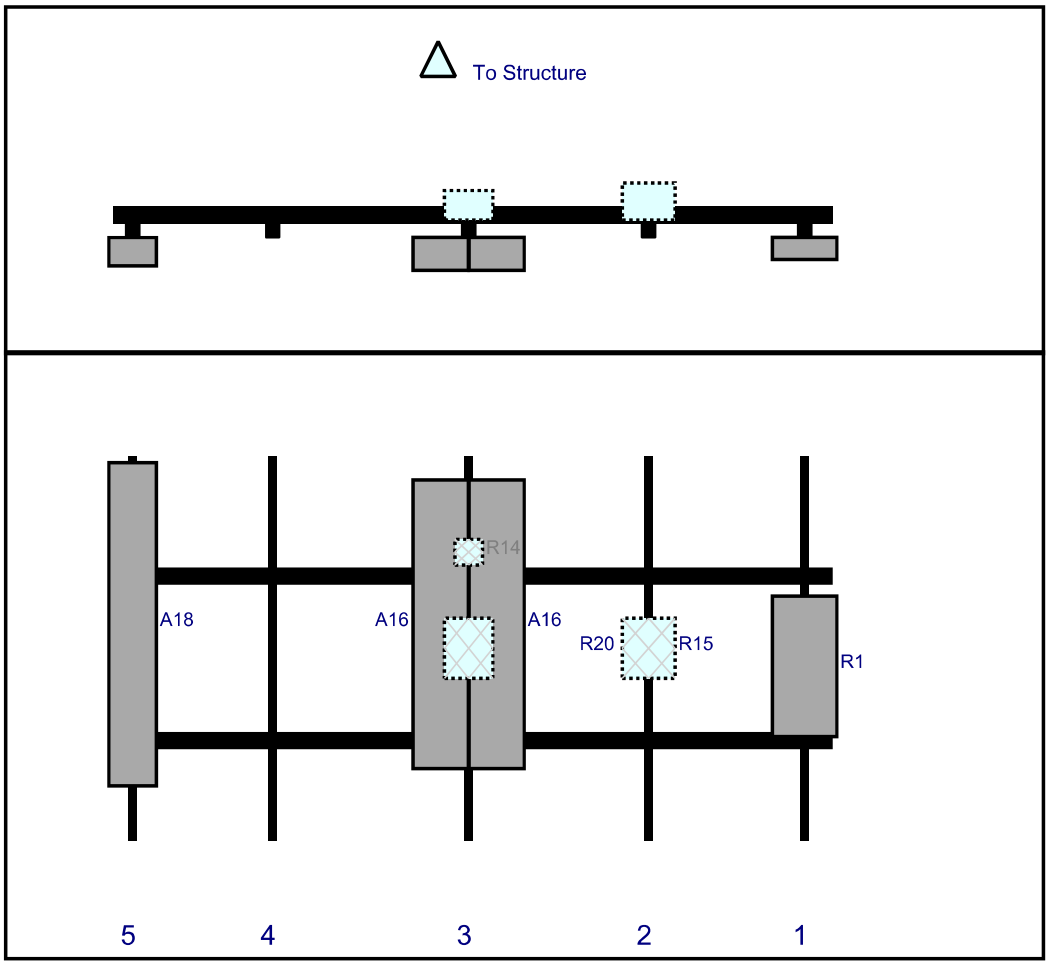
Structure Type: Self Support 10039640

Mount Elev: 149.00 Page: 1

MASER CONSULTING CONNECTICUT

**Plan View**

**Front View**
Looking at Structure




| Ref# | Model | Height (in) | Width (in) | H Dist Frm L. | Pipe # | Pipe Pos V | Ant Pos | C. Ant Frm T. | Ant H Off | Status | Validation |
|---|---|---|---|---|---|---|---|---|---|---|---|
| R1 | MT6407-77A | 35.1 | 16.1 | 173 | 1 | a | Front | 52.5 | 0 | Added | |
| R15 | B2/B66A RRH-BR049 (RFV01U-D1A) | 15 | 13.2 | 134 | 2 | a | Behind | 48 | 0 | Added | |
| A16 | JAHH-65B-R3B | 72 | 13.8 | 89 | 3 | a | Front | 42 | 7 | Added | |
| A16 | JAHH-65B-R3B | 72 | 13.8 | 89 | 3 | b | Front | 42 | -7 | Added | |
| R14 | CBC78T-DS-43 | 6.4 | 6.9 | 89 | 3 | a | Behind | 24 | 0 | Added | |
| R20 | B5/B13 RRH-BR04C (RFV01U-D2A) | 15 | 12.1 | 89 | 3 | a | Behind | 48 | 0 | Retained | 03/22/2021 |
| A18 | LNX-6514DS-A1M | 80.6 | 11.9 | 5 | 5 | a | Front | 42 | 0 | Retained | 03/22/2021 |

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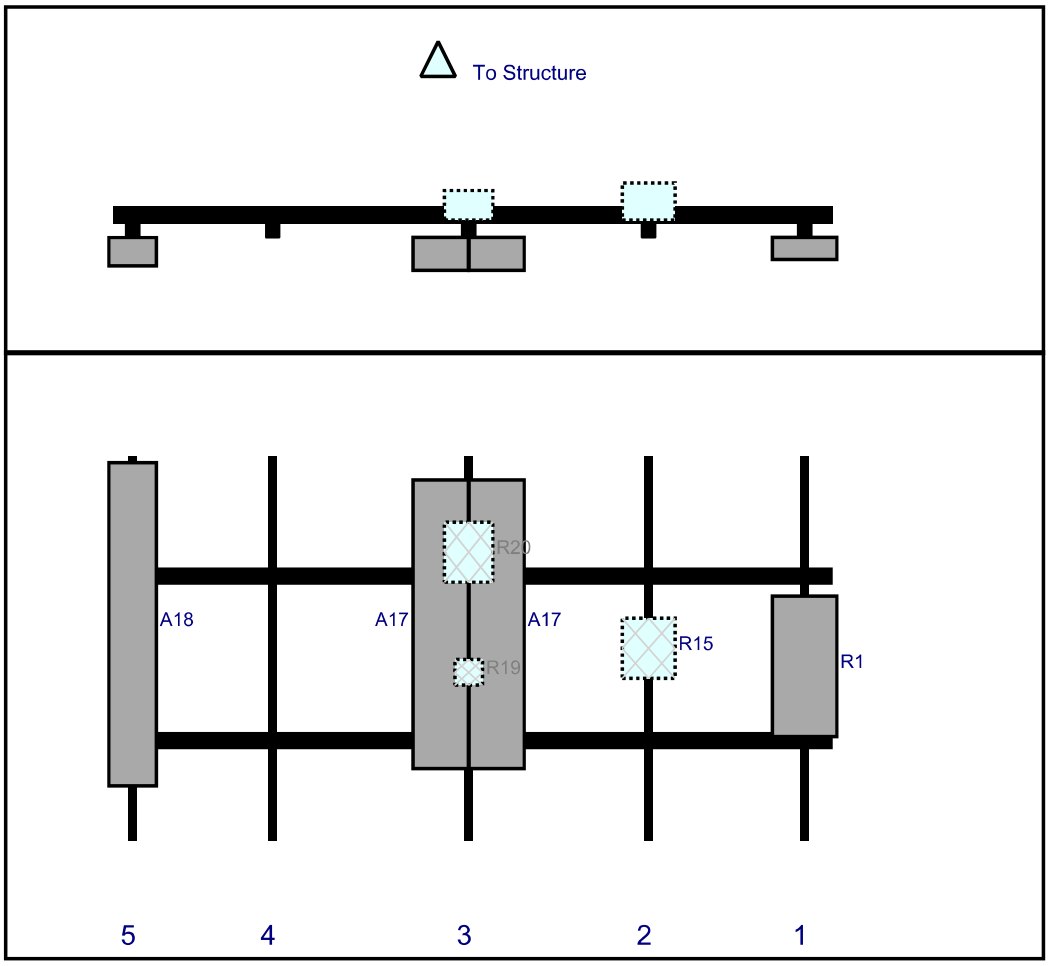
**Plan View**

**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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| R1 | MT6407-77A | 35.1 | 16.1 | 173 | 1 | a | Front | 52.5 | 0 | Added | |
| R15 | B2/B66A RRH-BR049 (RFV01U-D1A) | 15 | 13.2 | 134 | 2 | a | Behind | 48 | 0 | Added | |
| A17 | JAHH-65B-R3B | 72 | 13.8 | 89 | 3 | a | Front | 42 | 7 | Retained | 03/22/2021 |
| A17 | JAHH-65B-R3B | 72 | 13.8 | 89 | 3 | b | Front | 42 | -7 | Retained | 03/22/2021 |
| R19 | CBC78T-DS-43 | 6.4 | 6.9 | 89 | 3 | a | Behind | 54 | 0 | Retained | 03/22/2021 |
| R20 | B5/B13 RRH-BR04C (RFV01U-D2A) | 15 | 12.1 | 89 | 3 | a | Behind | 24 | 0 | Retained | 03/22/2021 |
| A18 | LNX-6514DS-A1M | 80.6 | 11.9 | 5 | 5 | a | Front | 42 | 0 | Retained | 03/22/2021 |

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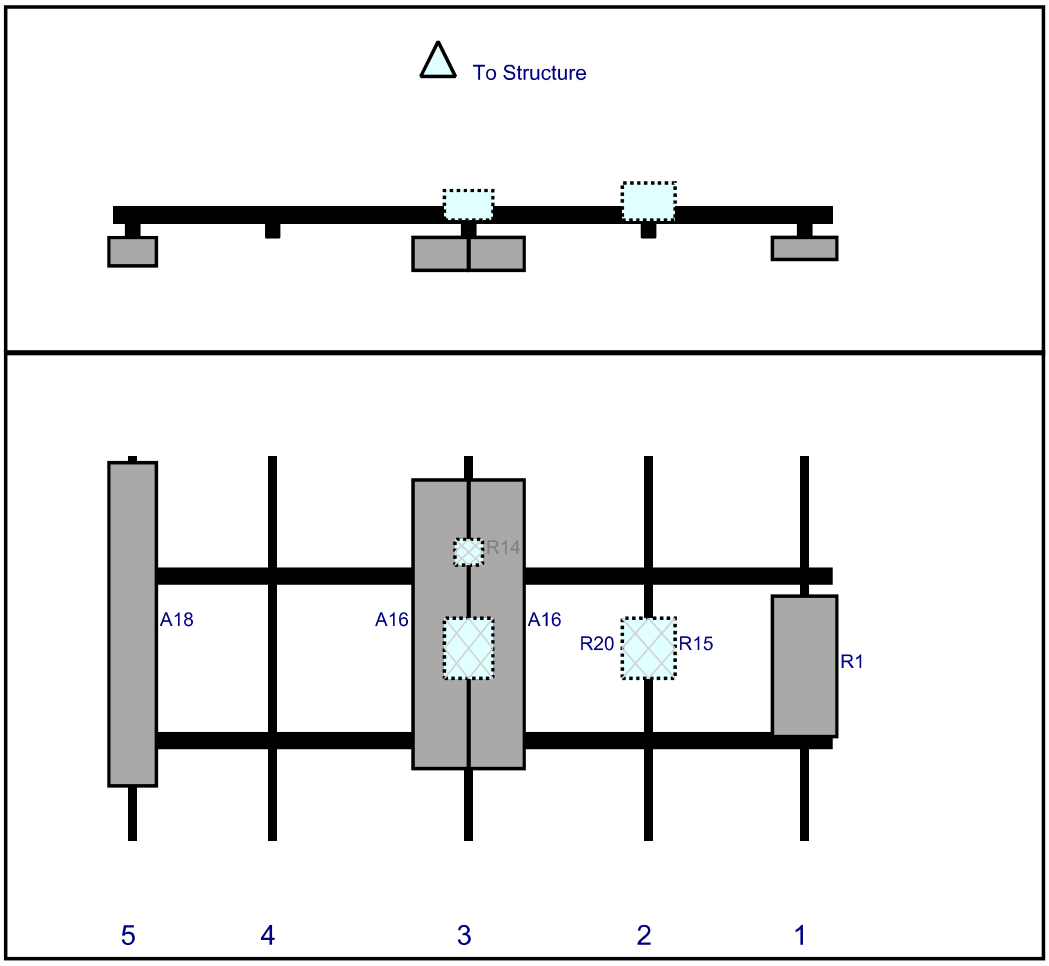
**Plan View**

**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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| R1 | MT6407-77A | 35.1 | 16.1 | 173 | 1 | a | Front | 52.5 | 0 | Added | |
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| A16 | JAHH-65B-R3B | 72 | 13.8 | 89 | 3 | a | Front | 42 | 7 | Added | |
| A16 | JAHH-65B-R3B | 72 | 13.8 | 89 | 3 | b | Front | 42 | -7 | Added | |
| R14 | CBC78T-DS-43 | 6.4 | 6.9 | 89 | 3 | a | Behind | 24 | 0 | Added | |
| R20 | B5/B13 RRH-BR04C (RFV01U-D2A) | 15 | 12.1 | 89 | 3 | a | Behind | 48 | 0 | Retained | 03/22/2021 |
| A18 | LNX-6514DS-A1M | 80.6 | 11.9 | 5 | 5 | a | Front | 42 | 0 | Retained | 03/22/2021 |

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# Maser Consulting Connecticut

| | | |
|---|---|---|
| ***Subject*** | TIA-222-H Usage | |
| ***Site Information*** | *Site ID:* | *469373-VZW / EAST LYME CT* |
| | *Site Name:* | *EAST LYME CT* |
| | *Carrier Name:* | *Verizon Wireless* |
| | *Address:* | *93 Roxbury Rd.*<br>*Niantic, Connecticut 06357*<br>*New London County* |
| | *Latitude:* | *41.335653°* |
| | *Longitude:* | *-72.221744°* |
| ***Structure Information*** | *Tower Type:* | *150-Ft Self Support* |
| | *Mount Type:* | *15.00-Ft Sector Frame* |

To Whom It May Concern,

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

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

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

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

Sincerely,

Eric Anderson, PE
Technical Specialist

# Exhibit F

## Power Density/RF Emissions Report

**Site Name:** ***EAST LYME CT***
**Cumulative Power Density**

| Operator | Operating Frequency | Number of Trans. | ERP Per Trans. | Total ERP | Distance to Target | Calculated Power Density |
|---|---|---|---|---|---|---|
| | (MHz) | | (watts) | (watts) | (feet) | (mW/cm^2) |
| VZW 700 | 751 | 4 | 634 | 2534 | 149 | 0.0041 |
| VZW CDMA | 878.49 | 2 | 377 | 753 | 149 | 0.0012 |
| VZW Cellular | 874 | 4 | 725 | 2902 | 149 | 0.0047 |
| VZW PCS | 1977.5 | 4 | 1456 | 5826 | 149 | 0.0094 |
| VZW AWS | 2120 | 4 | 1461 | 5845 | 149 | 0.0095 |
| VZW CBAND | 3730.08 | 4 | 6531 | 26125 | 149 | 0.0423 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

**Total Percentage of Maximum Permissible Exposure**

*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI/II
**Calculation includes a -10 dB Off Beam Antenna Pattern Adjustment pursuant to Attachments B and C of the Siting Council'

MHz = Megahertz
mW/cm^2 = milliwatts per square centimeter
ERP = Effective Radiated Power

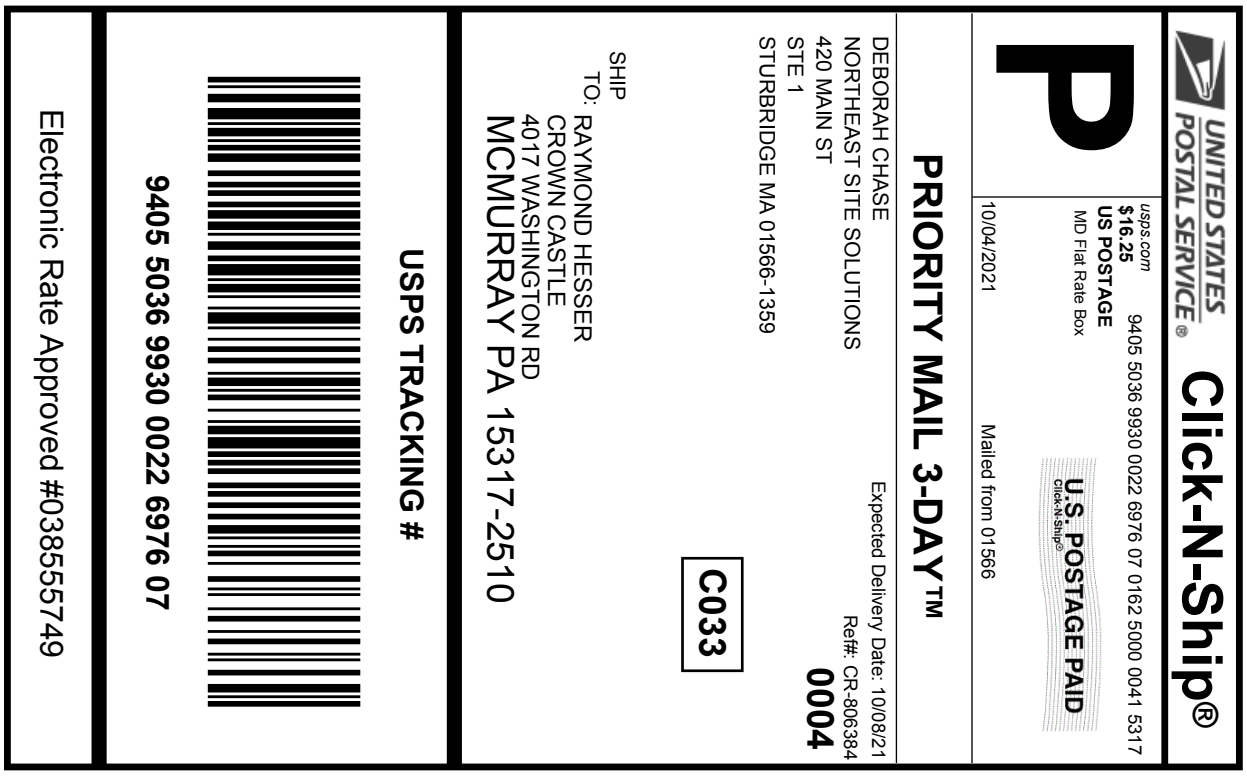
Absolute worst case maximum values used.

| Maximum Permissible Exposure* | Fraction of MPE |
|---|---|
| (mW/cm^2) | (%) |
| 0.5007 | 0.82% |
| 0.5857 | 0.21% |
| 0.5827 | 0.81% |
| 1.0000 | 0.94% |
| 1.0000 | 0.95% |
| 1.0000 | 4.23% |
| | |
| | |
| | |
| | |
| | 7.96% |

EEE C95.1-1992
s November 10, 2015 Memorandum for Exempt Modification filings

# Exhibit G

## Recipient Mailings




*Cut on dotted line.*

## Instructions

1. **Each Click-N-Ship® label is unique. Labels are to be used as printed and used only once. DO NOT PHOTO COPY OR ALTER LABEL.**
2. **Place your label so it does not wrap around the edge of the package.**
3. **Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT TAPE OVER BARCODE. Be sure all edges are secure.**
4. **To mail your package with PC Postage®, you may schedule a Package Pickup online, hand to your letter carrier, take to a Post Office™, or drop in a USPS collection box.**
5. **Mail your package on the "Ship Date" you selected when creating this label.**

## Click-N-Ship® Label Record

**USPS TRACKING # :**
**9405 5036 9930 0022 6976 07**

| | |
|---|---|
| Trans. #: | 545141201 |
| Print Date: | 10/04/2021 |
| Ship Date: | 10/04/2021 |
| Expected Delivery Date: | 10/08/2021 |

| | |
|---|---|
| Priority Mail® Postage: | **$16.25** |
| Total: | **$16.25** |

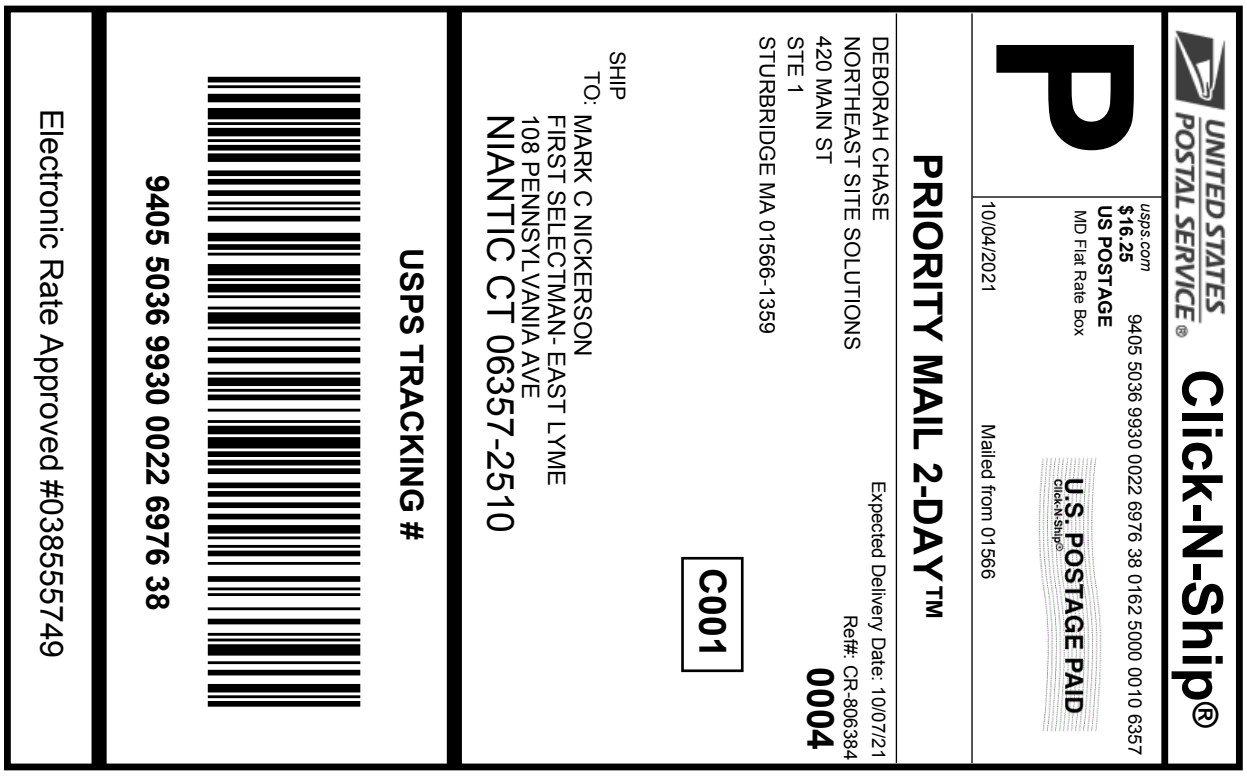
**From:** DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
420 MAIN ST
STE 1
STURBRIDGE MA 01566-1359

Ref#: CR-806384

**To:** RAYMOND HESSER
CROWN CASTLE
4017 WASHINGTON RD
MCMURRAY PA 15317-2510

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

*Thank you for shipping with the United States Postal Service!*
*Check the status of your shipment on the USPS Tracking® page at usps.com*

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## Click-N-Ship® Label Record

**USPS TRACKING # :**
**9405 5036 9930 0022 6976 38**

| | |
|---|---|
| Trans. #: | 545141201 |
| Print Date: | 10/04/2021 |
| Ship Date: | 10/04/2021 |
| Expected Delivery Date: | 10/07/2021 |

| | |
|---|---|
| Priority Mail® Postage: | **$16.25** |
| Total: | **$16.25** |

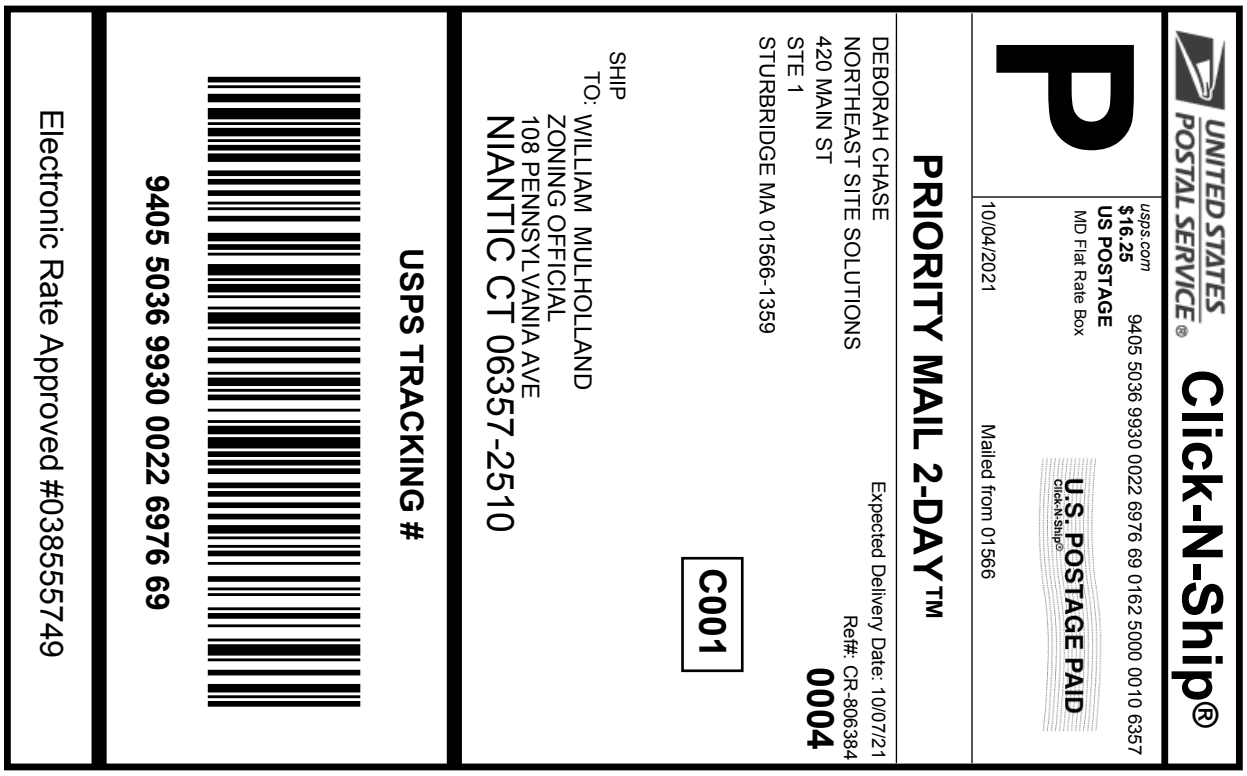
**From:** DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
420 MAIN ST
STE 1
STURBRIDGE MA 01566-1359

Ref#: CR-806384

**To:** MARK C NICKERSON
FIRST SELECTMAN- EAST LYME
108 PENNSYLVANIA AVE
NIANTIC CT 06357-2510

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

*Thank you for shipping with the United States Postal Service!*
*Check the status of your shipment on the USPS Tracking® page at usps.com*




*Cut on dotted line.*

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## Click-N-Ship® Label Record

**USPS TRACKING # :**
**9405 5036 9930 0022 6976 69**

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|---|---|
| Trans. #: | 545141201 |
| Print Date: | 10/04/2021 |
| Ship Date: | 10/04/2021 |
| Expected Delivery Date: | 10/07/2021 |

| | |
|---|---|
| Priority Mail® Postage: | **$16.25** |
| Total: | **$16.25** |

**From:** DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
420 MAIN ST
STE 1
STURBRIDGE MA 01566-1359

Ref#: CR-806384

**To:** WILLIAM MULHOLLAND
ZONING OFFICIAL
108 PENNSYLVANIA AVE
NIANTIC CT 06357-2510

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

*Thank you for shipping with the United States Postal Service!*
*Check the status of your shipment on the USPS Tracking® page at usps.com*

806384 Crown Direct

UNITED STATES POSTAL SERVICE.

UNIONVILLE
24 MILL ST
UNIONVILLE, CT 06085-9998
(800)275-8777

10/05/2021 01:38 PM

| Product | Qty | Unit Price | Price |
|---|---|---|---|
| Prepaid Mail<br>Canonsburg, PA 15317<br>Weight: 0 lb 2.20 oz<br>Acceptance Date:<br>Tue 10/05/2021<br>Tracking #:<br>9405 5036 9930 0022 6976 07 | 1 | | $0.00 |
| Prepaid Mail<br>Niantic, CT 06357<br>Weight: 2 lb 5.10 oz<br>Acceptance Date:<br>Tue 10/05/2021<br>Tracking #:<br>9405 5036 9930 0022 6976 69 | 1 | | $0.00 |
| Prepaid Mail<br>Niantic, CT 06357<br>Weight: 2 lb 5.00 oz<br>Acceptance Date:<br>Tue 10/05/2021<br>Tracking #:<br>9405 5036 9930 0022 6976 38 | 1 | | $0.00 |
| Grand Total: | | | $0.00 |

**********
USPS is experiencing unprecedented volume
increases and limited employee