



**NSS** **NORTHEAST**  
SITE SOLUTIONS  
*Turnkey Wireless Development*

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

December 2, 2021

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

RE: Exempt Modification Application  
1455-A Forbes Street, East Hartford CT 06118  
Latitude: 41.731472  
Longitude: -72.607778  
VZW Site#: 806376\_Crown\_VZW

Dear Ms. Bachman:

Verizon Wireless is requesting to file an exempt modification for an existing tower located at 1455-A Forbes Street, East Hartford CT 06118. Verizon Wireless currently maintains twelve (12) antennas at the 109-foot level of the existing 130-foot tower. The property is owned by Rebecca Handel – Jack, and the tower is owned by Crown Castle. Verizon now intends to replace three (3) existing antenna with three (3) new antenna and add three (3) new antenna. The new antennas would be installed at the 109-foot level of the tower. This modification includes hardware that is both 4G and 5G capable. Mount modifications will be required per the enclosed Mount analysis performed by Maser Consulting dated March 26, 2021

**VZW Planned Modifications:**

Remove: NONE

Remove and Replace:

(3) BXA -80063-4CF Antenna (REMOVE) - (3) MT6407-77A Antenna MHz (REPLACE)

Install New:

(3) CBRS XXDWWM – 12.5-65-8T Antenna MHz

(3) CBRS RRH RT4401-48A

Existing to Remain:

(3) BXA -80063-4CF Antenna MHz

(6) SBNHH-1D65B Antenna MHz

(3) Samsung B2/B66A -BRO49 – RFV01U-D1A RRU

(3) Samsung B5/B13 -BRO4C – RFV01U-D2A RRU

(1) Raycap

(2) 7/8" Hybrid



The facility was approved by the Connecticut Siting Council in Docket No. 139 on September 18, 1991. 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.S.A. § 16-SOj-73, a copy of this letter is being sent to The Honorable Marcia A. Leclerc, Mayor for the Town of East Hartford, Eileen Buckheit, Development Director, Crown Castle as the tower owner, and Rebecca Handel – Jack, the property owner.

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

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](mailto:denise@northeastsitesolutions.com)



**NSS**

**NORTHEAST**  
SITE SOLUTIONS

*Turnkey Wireless Development*

Attachments

cc:

The Honorable Marcia A. Leclerc, Mayor  
Town of East Hartford  
740 Main Street East Hartford, CT 06108 860-291-7200

Eileen Buckheit, Development Director  
Town of East Hartford  
740 Main Street East Hartford, CT 06108 860-291-7300

Rebecca Handel-Jack  
1455 Forbes Street East Hartford, CT 06118

Crown Castle, Tower Owner

# Exhibit A

## **Original Facility Approval**

DOCKET NO. 139 - An application of  
Metro Mobile CTS of Hartford, Inc., : Connecticut  
for a Certificate of Environmental :  
Compatibility and Public Need for : Siting  
the construction, maintenance, and :  
operation of cellular facilities in : Council  
the Towns of Enfield, East Hartford,  
and Wethersfield, Connecticut. September 18, 1991

Decision and Order

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, operation, and maintenance of a cellular telecommunications towers and equipment buildings at the proposed Enfield, Connecticut, alternate site and the proposed East Hartford, Connecticut, prime 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 disproportionate either alone or cumulatively with other effects when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application and therefore directs that a Certificate of Environmental Compatibility and Public Need as provided by section 16-50k of the Connecticut General Statutes (CGS), be issued to Metro Mobile CTS of Hartford, Inc., for the construction, operation, and maintenance of a cellular telecommunications tower, associated equipment, and building at the proposed alternate site in Enfield, Connecticut, and the proposed prime site in East Hartford, Connecticut.

The facilities 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 monopole towers shall be no taller than necessary to provide the proposed communication service and in no event shall the towers exceed a total height of 163 feet above ground level (AGL) at the proposed Enfield alternate site and 123 feet AGL at the proposed East Hartford prime site, with antennas and appurtenances.
2. The Certificate holder shall prepare a Development and Management (D&M) Plan, for approval by the Council, for these sites in compliance with sections 16-50j-75 through 16-50j-77 of the Regulations of State Agencies. This D&M plan

- shall include detailed plans of the towers, tower foundations, soil boring reports, equipment buildings, access roads, security fences, landscaping plans, detailed erosion and sedimentation control plans, and a final schedule. In addition, the D&M plan shall include for Council consideration, detailed plans and itemized costs for the placement of service utilities underground in order to further mitigate the visual effect of the facilities.
3. The Certificate holder shall comply with any existing and future radio frequency (RF) standards promulgated by State or federal regulatory agencies. Upon the establishment of any new governmental RF standards, the facilities granted herein shall be brought into compliance with such standards.
  4. The Certificate holder shall provide the Council with a recalculated report of electromagnetic radio frequency power density if and when circumstances in operation cause a change in power density above the levels originally calculated and provided in the application.
  5. The Certificate holder shall permit public or private entities to share space on the proposed tower for fair consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.
  6. If the facility does not initially provide or permanently ceases to provide cellular service following completion of construction, this Decision and Order shall be void, and the tower and all associated equipment shall be dismantled and removed or reapplication for any new use shall be made to the Council as soon as practicable before any such new use is made.
  7. Unless otherwise approved by the Council, this Decision and Order shall be void if all construction authorized herein is not completed within three years of the effective date of this Decision and Order or within three years after all appeals to this Decision and Order have been resolved.

Pursuant to CGS 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, and notice of this issuance shall be published in the Hartford Courant and the Journal Inquirer.

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 to this proceeding are:

PARTIES	ITS REPRESENTATIVE
Metro Mobile CTS of Hartford, Inc. 20 Alexander Drive P.O. Box 5029 Wallingford, CT 06492 Attn: Gary Schulman	Robinson and Cole One Commercial Plaza Hartford, CT 06103-3597 Attn: Earl Phillips, Jr. (203) 275-8200
The Town of East Hartford	G. Barry Goodberg Assistant Corporation Counsel Town of East Hartford 740 Main Street East Hartford, CT 06108 (203) 289-2781
The Town of Enfield	Christopher W. Bromson Enfield Town Attorney 47 No. Main Street Enfield, CT 06082 (203) 745-0371 Ext. 290

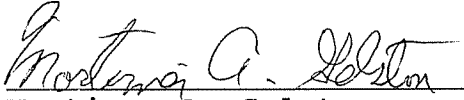
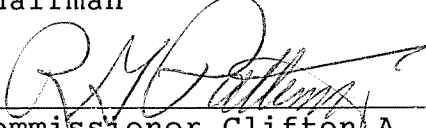
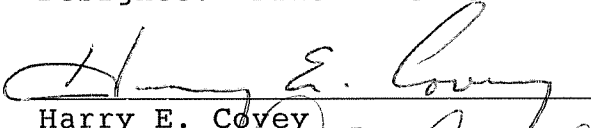
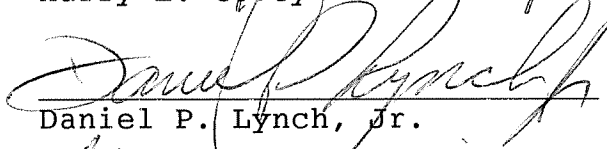
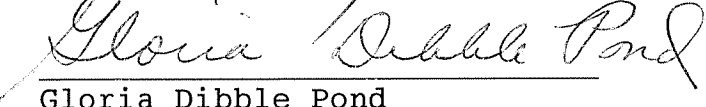
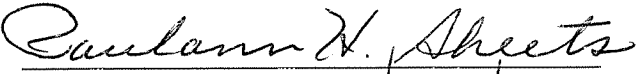
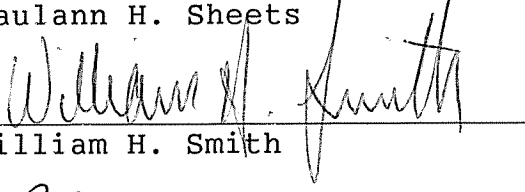
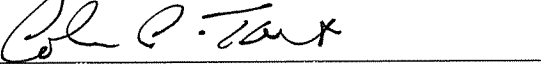
SMH:bw

5534E

CERTIFICATION

The undersigned members of the Connecticut Siting Council hereby certify that they have heard this case in DOCKET NO. 139 - An application of Metro Mobile CTS of Hartford, Inc., for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of cellular facilities in the Towns of Enfield, East Hartford, and Wethersfield, Connecticut, or read the record thereof, and that we voted as follows:

Dated at New Britain, Connecticut the 18th day of September, 1991.

<u>Council Members</u>	<u>Vote Cast</u>
 Mortimer A. Gelston Chairman	YES
 Commissioner Clifton A. Leonhardt Designee: Commissioner Richard G. Patterson	ABSTAIN
Commissioner Timothy R.E. Keeney Designee: Brian Emerick	ABSENT
 Harry E. Covey	NO
 Daniel P. Lynch, Jr.	NO
 Gloria Dibble Pond	YES
 Paulann H. Sheets	YES
 William H. Smith	YES
 Colin C. Tait	YES



<b>PETITION NO. 535</b> - AT&T Wireless PCS, LLC and Crown Atlantic Company LLC petition for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for proposed modification of an existing telecommunications tower located at 1455 Forbes Street, East Hartford, Connecticut.	} Connecticut } Siting } Council } May 21, 2002
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------

**Decision and Order**

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the extension of an existing telecommunications tower and installation of associated equipment at an existing facility located at 1455 Forbes Street in East Hartford, Connecticut, are not significant, are not disproportionate 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 this petition.

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

1. The tower extension shall be compatible with and installed on the existing monopole, no taller than necessary to provide the proposed telecommunications services, sufficient to accommodate the antennas of AT&T Wireless PCS, LLC (AT&T) and XM Satellite Radio, but such extension shall not exceed a height of 133 feet above ground level, including antennas and appurtenances.
2. The Certificate Holder shall provide a recalculated report of electromagnetic radio frequency power density if and when circumstances in operation cause a change in power density above the levels calculated and provided pursuant to this Decision and Order.
3. Upon the establishment of any new State or federal radio frequency standards applicable to frequencies of this facility, the facility granted herein shall be brought into compliance with such standards.
4. The Certificate Holder shall permit public or private entities to share space on the tower for fair consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.
5. If the facility does not initially provide, or permanently ceases to provide cellular services following completion of construction, this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made.
6. Any antenna that becomes obsolete and ceases to function shall be removed within 60 days after such antennas become obsolete and ceases to function.
7. Unless otherwise approved by the Council, this Decision and Order shall be void if the facility authorized herein is not completed within one year of the effective date of this Decision and Order or within one year after all appeals to this Decision and Order have been resolved.

8. All other applicable provisions of the Council's September 18, 1991 Decision and Order in Docket No. 139 remain in effect.

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

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

The parties and intervenors to this proceeding are:

Crown Atlantic Company LLC and  
AT&T Wireless PCS, LLC

Kenneth C. Baldwin, Esq.  
Robinson & Cole LLP  
280 Trumbull Street  
Hartford, CT 06103-3597

# Exhibit B

## Property Card

# Town of East Hartford Property Summary Report

## 1455 FORBES ST

<b>MAP LOT:</b>	41-233	<b>CAMA PID:</b>	4723
<b>LOCATION:</b>	1455 FORBES ST		
<b>OWNER NAME:</b>	HANDEL-JACK REBECCA		

<b>OWNER OF RECORD</b>
HANDEL-JACK REBECCA
1455 FORBES ST
EAST HARTFORD, CT 06118

<b>LIVING AREA:</b>	720	<b>ZONING:</b>	R2	<b>ACREAGE:</b>	25.01
---------------------	-----	----------------	----	-----------------	-------

### SALES HISTORY

OWNER	BOOK / PAGE	SALE DATE	SALE PRICE
HANDEL-JACK REBECCA	3909/186	07-Jul-2020	\$0.00
HANDEL ROBERT D	3582/0113	23-Jan-2016	\$0.00
HANDEL JESSIE K EST OF C/O ROBERT D HANDEL EXECUTOR	3534/0329	19-May-2015	\$0.00
HANDEL JESSIE K	1874/0345	01-Jan-2000	\$0.00
HANDEL ALBERT P JR EST OF HANDEL JESSIE K EXEC	0000/0000	30-Dec-1999	\$0.00

### CURRENT PARCEL ASSESSMENT

<b>TOTAL:</b>	\$332,190.00	<b>IMPROVEMENTS:</b>	\$291,500.00	<b>LAND:</b>	\$40,690.00
---------------	--------------	----------------------	--------------	--------------	-------------

### ASSESSING HISTORY

FISCAL YEAR	TOTAL VALUE	IMPROVEMENT VALUE	LAND VALUE
2019	\$332,880.00	\$291,500.00	\$41,380.00
2018	\$332,880.00	\$291,500.00	\$41,380.00
2017	\$332,880.00	\$291,500.00	\$41,380.00
2016	\$332,880.00	\$291,500.00	\$41,380.00
2015	\$346,650.00	\$302,420.00	\$44,230.00

# Town of East Hartford Property Summary Report

## 1455 FORBES ST

<b>MAP LOT:</b>	41-233	<b>CAMA PID:</b>	4723
<b>LOCATION:</b>	1455 FORBES ST		
<b>OWNER NAME:</b>	HANDEL-JACK REBECCA		

### BUILDING # 1

<b>YEAR BUILT</b>	1865	<b>EXT WALL 1</b>	Vinyl Siding
<b>STYLE</b>	Colonial	<b>INT WALLS 1</b>	Plaster
<b>MODEL</b>	Residential	<b>HEAT FUEL</b>	Gas
<b>STORIES</b>	2.0	<b>HEAT TYPE</b>	Hot Water
<b>OCCUPANCY</b>	One Family	<b>AC TYPE</b>	None
<b>ROOF</b>	Gable	<b>BEDROOMS</b>	4
<b>ROOF COVER</b>	Asphalt	<b>FULL BATHS</b>	1
<b>FLOOR COVER 1</b>	Hardwood	<b>HALF BATHS</b>	1
<b>% BSMT</b>	100	<b>TOTAL ROOMS</b>	9
<b>% FIN BSMT</b>	0	<b>% REC RM</b>	60
<b>% SEMI FIN</b>	0	<b>% ATTIC FINISH</b>	0
<b>BSMT GARAGE</b>		<b>FIREPLACES</b>	0



### EXTRA FEATURES

DESCRIPTION	CODE	UNITS
1 Story Barn	BRN1	1x5112 (5112.00 SF)
Shed	SHD1	1x64 (64.00 S.F.)
1 Story Barn	BRN1	1x3072 (3072.00 SF)
Shed	SHD1	1x300 (300.00 S.F.)
Shed	SHD1	1x561 (561.00 S.F.)
1 Story Barn	BRN1	1x4928 (4928.00 SF)
Shed	SHD1	1x600 (600.00 S.F.)

# Town of East Hartford Property Summary Report

## 1455 FORBES ST

<b>MAP LOT:</b>	41-233	<b>CAMA PID:</b>	4723
<b>LOCATION:</b>	1455 FORBES ST		
<b>OWNER NAME:</b>	HANDEL-JACK REBECCA		

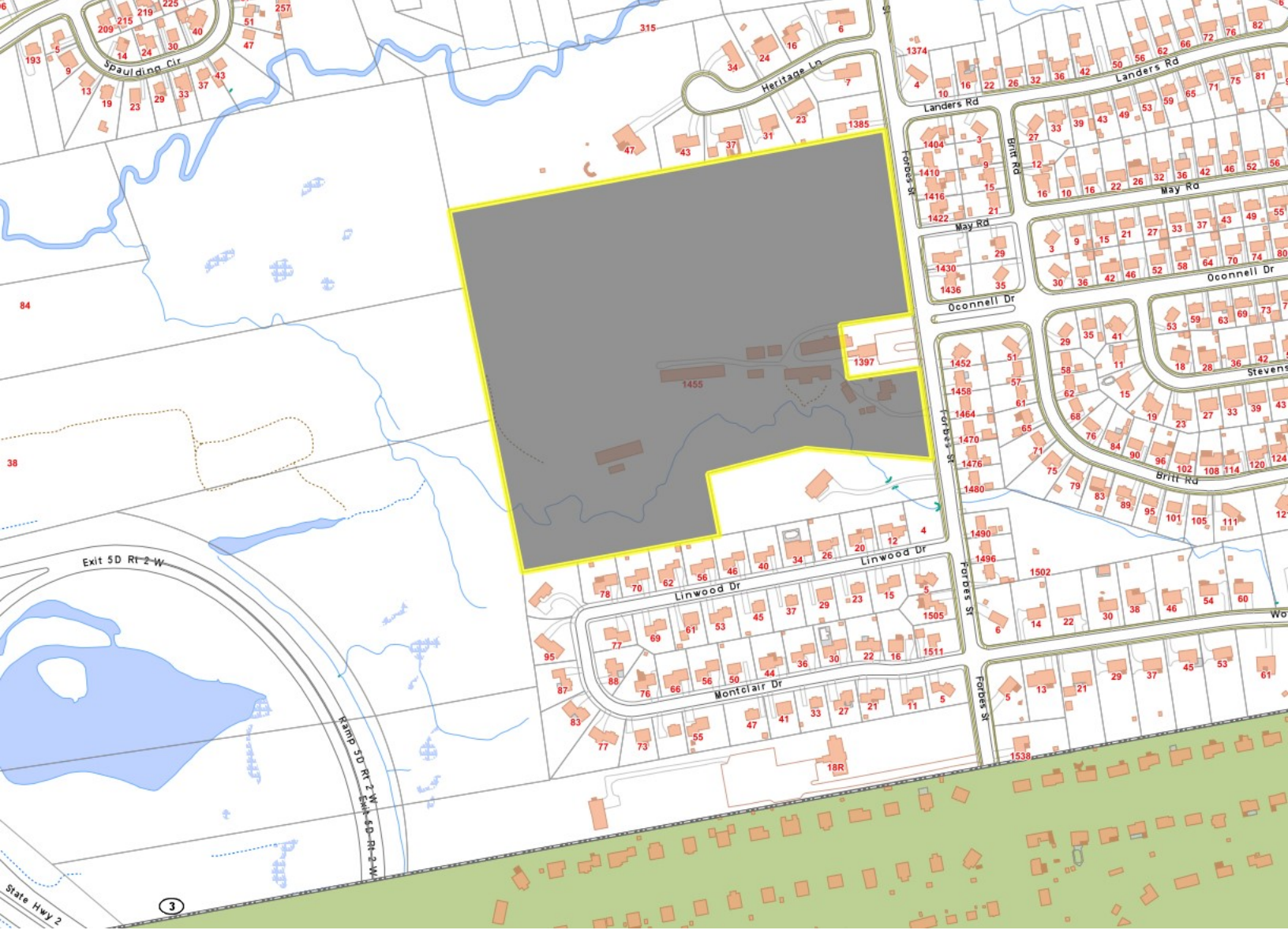
### BUILDING # 2

<b>YEAR BUILT</b>	1934	<b>EXT WALL 1</b>	Vinyl Siding
<b>STYLE</b>	Single Family	<b>INT WALLS 1</b>	Plaster
<b>MODEL</b>	Residential	<b>HEAT FUEL</b>	Other
<b>STORIES</b>	1.0	<b>HEAT TYPE</b>	Other
<b>OCCUPANCY</b>	One Family	<b>AC TYPE</b>	None
<b>ROOF</b>	Gable	<b>BEDROOMS</b>	1
<b>ROOF COVER</b>	Asphalt	<b>FULL BATHS</b>	1
<b>FLOOR COVER 1</b>	Hardwood	<b>HALF BATHS</b>	0
<b>% BSMT</b>	0	<b>TOTAL ROOMS</b>	4
<b>% FIN BSMT</b>	0	<b>% REC RM</b>	0
<b>% SEMI FIN</b>	0	<b>% ATTIC FINISH</b>	0
<b>BSMT GARAGE</b>		<b>FIREPLACES</b>	0



### EXTRA FEATURES

DESCRIPTION	CODE	UNITS
Shed	SHD1	1x105 (105.00 S.F.)
FR/SHED	MSC55	30.00 UNIT
1 Story Barn	BRN1	1x840 (840.00 SF)
Shed	SHD1	1x144 (144.00 S.F.)
Shed	SHD1	1x308 (308.00 S.F.)
1 Story Barn	BRN1	1x3840 (3840.00 SF)



# Exhibit C

## **Construction Drawings**





**VERIZON SITE NUMBER:** 323913  
**VERIZON SITE NAME:** FORBES ST CT  
**SITE TYPE:** MONOPOLE  
**TOWER HEIGHT:** 131'-0"

**BUSINESS UNIT #:** 806376  
**SITE ADDRESS:** 1455 FORBES STREET  
 EAST HARTFORD, CT 06118  
**COUNTY:** HARTFORD  
**JURISDICTION:** TOWN OF EAST HARTFORD

**VERIZON 5G L-SUB6 - CARRIER ADD / FUZE ID: 16234506**

**verizon**  
 180 WASHINGTON VALLEY ROAD  
 BEDMINSTER, NJ 07921

**CROWN CASTLE**  
 1200 MACARTHUR BLVD, SUITE 200  
 MAHWAH, NJ 07430

**Tectonic**  
 PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.  
 Tectonic Engineering & Surveying Consultants P.C.  
 70 Pleasant Hill Road Phone: (845) 534-5959  
 P.O. Box 37 (800) 529-6531  
 Mountainville, NY 10953 www.tectonicengineering.com  
 Project Contact Info  
 1278 Route 300  
 Newburgh, NY 12550 Phone: (845) 567-6656

TECTONIC WO#: 10545.FORBESST CT

**VERIZON SITE NUMBER:**  
 323913

**BU #: 806376**  
**HRT 100 943239**

1455 FORBES STREET  
 EAST HARTFORD, CT 06118

EXISTING  
 131'-0"  
 MONOPOLE

**ISSUED FOR:**

REV	DATE	DRWN	DESCRIPTION	DES/QA
0	05/20/21	VS	CONSTRUCTION	----

**SITE INFORMATION**

CROWN CASTLE USA INC. HRT 100 943239  
 SITE NAME:  
 SITE ADDRESS: 1455 FORBES STREET  
 EAST HARTFORD, CT 06118  
 COUNTY: HARTFORD  
 MAP/PARCEL #: 41-233  
 AREA OF CONSTRUCTION: EXISTING  
 LATITUDE: 41° 43' 53.30" N  
 LONGITUDE: 72° 36' 28.00" W  
 LAT/LONG TYPE: NAD83  
 GROUND ELEVATION: ----  
 CURRENT ZONING: R-2  
 ZONING JURISDICTION: CONNECTICUT SITING COUNCIL  
 JURISDICTION: TOWN OF EAST HARTFORD  
 OCCUPANCY CLASSIFICATION: ---  
 TYPE OF CONSTRUCTION: ---  
 A.D.A. COMPLIANCE: FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION  
 PROPERTY OWNER: HANDEL-JACK REBECCA  
 TOWER OWNER: CROWN CASTLE MU LLC  
 2000 CORPORATE DRIVE  
 CANONSBURG, PA 15317  
 CARRIER/APPLICANT: VERIZON WIRELESS  
 180 WASHINGTON VALLEY ROAD  
 BEDMINSTER, NJ 07921  
 ELECTRIC PROVIDER: CL & P  
 (800) 286-2000  
 TELCO PROVIDER: VERIZON  
 (800) 837-4966

**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.vvsmart.com
SMART TOOL VENDOR PROJECT NUMBER	10037834
VzW LOCATION CODE (PSLC)	467621

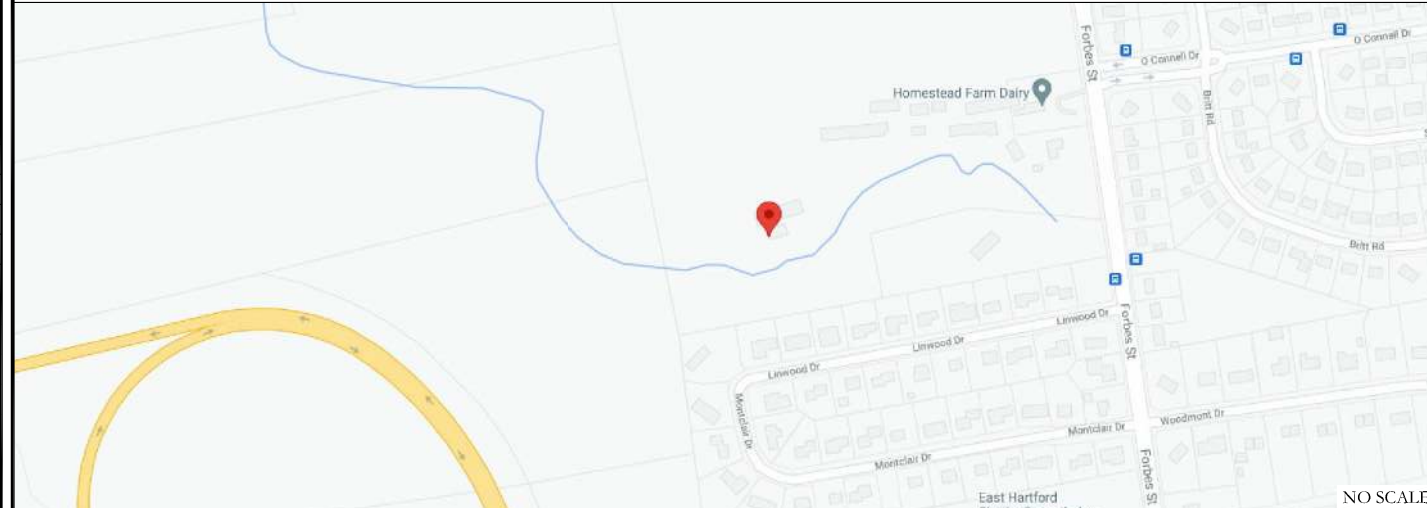
\*\*\* PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT

**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)  
 TAKE US-202 N/US-206 N AND SCHLEY MOUNTAIN RD TO I-287 N. HEAD NORTHWEST. SLIGHT LEFT. TURN RIGHT ONTO US-202 N/US-206 N. TURN RIGHT ONTO SCHLEY MOUNTAIN RD. CONTINUE ON I-287 N TO YOUR DESTINATION IN GLASTONBURY. TAKE THE EXIT TOWARD GLASTONBURY/MAIN ST FROM CT-3 N. MERGE WITH I-287 N. USE THE RIGHT 2 LANES TO TAKE EXIT 41A-46 TOWARD 46. KEEP LEFT AT THE Y JUNCTION, FOLLOW SIGNS FOR I-80 E/PATERSON/NEW YORK CITY AND MERGE WITH I-80 E. KEEP LEFT TO STAY ON I-80 E. CONTINUE ON GLASTONBURY BLVD. TAKE GRISWOLD ST AND PROSPECT ST TO LINWOOD DR IN EAST HARTFORD. USE THE LEFT 2 LANES TO TURN LEFT ONTO GLASTONBURY BLVD. CONTINUE ONTO GRISWOLD ST. TURN LEFT ONTO PROSPECT ST. CONTINUE ONTO FORBES ST. TURN LEFT ONTO LINWOOD DR.

**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 IBC
MECHANICAL	2018 CT IMC
ELECTRICAL	2017 NEC

**REFERENCE DOCUMENTS:**

STRUCTURAL ANALYSIS:	BY OTHERS
DATED:	
MOUNT ANALYSIS:	MASER CONSULTING (PASSING)
DATED:	03/26/21
RFDS REVISION:	0
DATED:	03/18/21
ORDER ID:	552642
REVISION:	0

**PROJECT DESCRIPTION**

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

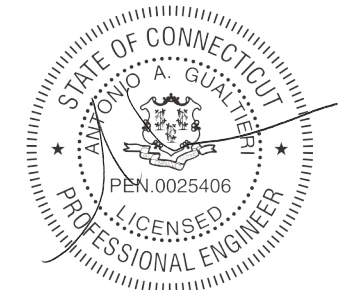
TOWER SCOPE OF WORK:  
 • REMOVE (3) ANTENNAS  
 • INSTALL (6) ANTENNAS

GROUND SCOPE OF WORK:  
 NONE

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

**PROJECT TEAM**

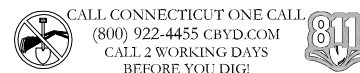
A&E FIRM: TECTONIC ENGINEERING & SURVEYING CONSULTANT P.C.  
 1279 ROUTE 300  
 NEWBURGH, NY 12550  
 PHONE: (845) 567-6656  
 CROWN CASTLE USA INC. DISTRICT CONTACTS:  
 1200 MACARTHUR BLVD, SUITE 200  
 MAHWAH, NJ 07430  
 ---- - PROJECT MANAGER  
 ----  
 ---- - CONSTRUCTION MANAGER  
 ----  
 VERIZON CONTACT: ----



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: REVISION:

T-1 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...
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...
3. PRIOR TO THE START OF CONSTRUCTION, ALL REQUIRED JURISDICTIONAL PERMITS SHALL BE OBTAINED...
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...
5. ALL SITE WORK TO COMPLY WITH QAS-STD-10068 "INSTALLATION STANDARDS FOR CONSTRUCTION ACTIVITIES ON CROWN CASTLE USA INC. TOWER SITE..."

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...
3. THESE DRAWINGS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE MEANS OR METHODS OF CONSTRUCTION...
4. NOTES AND DETAILS IN THE CONSTRUCTION DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS...
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...
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...
7. ALL MATERIALS AND METHODS SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, RULES, ORDINANCES, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK...
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...
4. CONCRETE EXPOSED TO FREEZE-THAW CYCLES SHALL CONTAIN AIR ENTRAINING ADMIXTURES...
5. ALL STEEL REINFORCING SHALL CONFORM TO ASTM A615. ALL WELDED WIRE FABRIC (WFF) SHALL CONFORM TO ASTM A185...
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...
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.

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...
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...
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...
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 THW, 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 THW, 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 THW, 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, ANSII/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...
20. CABINETS, BOXES AND WIRE WAYS SHALL BE LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSII/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 CABLE 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...
24. EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES AND PULL BOXES SHALL BE GALVANIZED OR EPOXY-COATED SHEET STEEL...
25. METAL RECEPTACLE, SWITCH AND DEVICE BOXES SHALL BE GALVANIZED, EPOXY-COATED OR NON-CORRODING...
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 TAPPING 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.

Table with 3 columns: SYSTEM, CONDUCTOR, COLOR. Lists color codes for various conductor sizes and DC voltage.

- APWA UNIFORM COLOR CODE: WHITE (PROPOSED EXCAVATION), PINK (TEMPORARY SURVEY MARKINGS), RED (ELECTRIC POWER LINES, CABLES, CONDUIT, AND LIGHTING CABLES), YELLOW (GAS, OIL, STEAM, PETROLEUM, OR GASEOUS MATERIALS), ORANGE (COMMUNICATION, ALARM OR SIGNAL LINES, CABLES, OR CONDUIT AND TRAFFIC LOOPS), BLUE (POTABLE WATER), PURPLE (RECLAIMED WATER, IRRIGATION, AND SLURRY LINES), GREEN (SEWERS AND DRAIN LINES)

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-OFF-POTENTIAL RESISTANCE TO EARTH TESTING (PER IEEE 1100 AND 81) FOR GROUND ELECTRODE SYSTEMS...
3. THE CONTRACTOR IS RESPONSIBLE FOR PROPERLY SEQUENCING GROUNDING AND UNDERGROUND CONDUIT INSTALLATION AS TO PREVENT ANY LOSS OF CONTINUITY IN THE GROUNDING SYSTEM...
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...
6. EACH CABINET FRAME SHALL BE DIRECTLY CONNECTED TO THE MASTER GROUND BAR WITH GREEN INSULATED SUPPLEMENTAL EQUIPMENT GROUND WIRES...
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 ANTI-OXIDANT 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...
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...
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... LIGHTNING PROTECTION SYSTEM, AND BUILDING MAIN WATER LINE (FERROUS OR NONFERROUS METAL PIPING ONLY).

ABBREVIATIONS:

- ANT ANTENNA
(E) EXISTING
FIF FACILITY INTERFACE FRAME
GEN GENERATOR
GPS GLOBAL POSITIONING SYSTEM
GSM GLOBAL SYSTEM FOR MOBILE
LTE LONG TERM EVOLUTION
MGB MASTER GROUND BAR
MW MICROWAVE
(N) NEW
NEC NATIONAL ELECTRIC CODE
(P) PROPOSED
PP POWER PLANT
QTY QUANTITY
RECT RECTIFIER
RBS RADIO BASE STATION
RETS REMOTE ELECTRIC TILT
RFDS RADIO FREQUENCY DATA SHEET
RRH REMOTE RADIO HEAD
RRU REMOTE RADIO UNIT
SIAD SMART INTEGRATED DEVICE
TMA TOWER MOUNTED AMPLIFIER
TYP TYPICAL
UMTS UNIVERSAL MOBILE TELECOMMUNICATIONS SYSTEM
W.P. WORK POINT

verizon logo and address: 180 WASHINGTON VALLEY ROAD BEDMINSTER, NJ 07921

CROWN CASTLE logo and address: 1200 MACARTHUR BLVD, SUITE 200 MAHWAH, NJ 07430

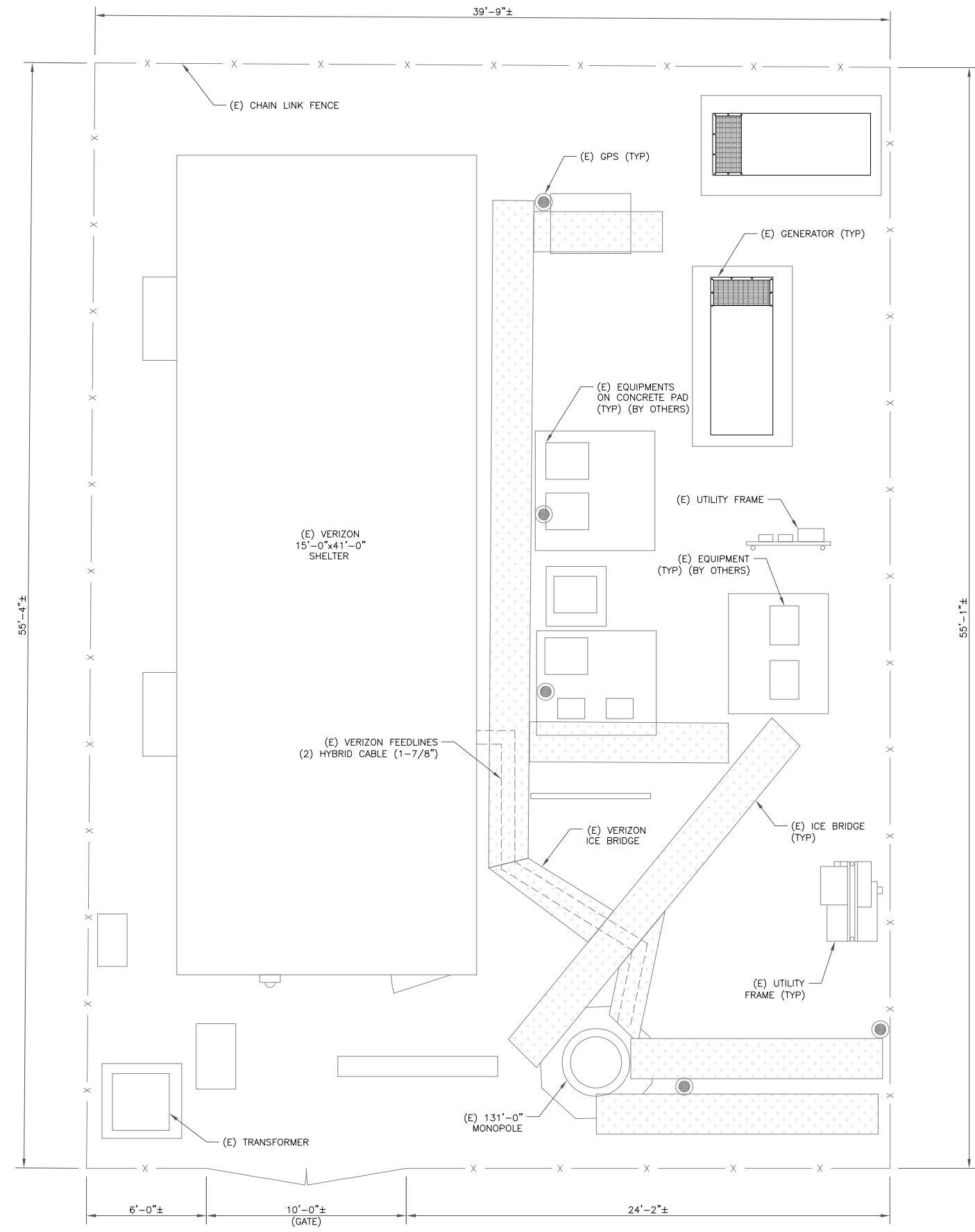
Tectonic logo and contact info: Tectonic Engineering & Surveying Consultants P.C. Phone: (845) 621-9999

VERIZON SITE NUMBER: 323913 BU #: 806376 HRT 100 943239 1455 FORBES STREET EAST HARTFORD, CT 06118 EXISTING 131'-0" MONOPOLE

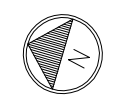
ISSUED FOR: Table with columns REV, DATE, DRWN, DESCRIPTION, DES/QA. Row 1: 0, 05/20/21, VS, CONSTRUCTION, ----

Professional Engineer seal for Anthony A. Guatteri, PEN 0025406, State of Connecticut.

SHEET NUMBER: T-2 REVISION: 0



1 SITE PLAN  
 SCALE: 1"=40'-0" (FULL SIZE)  
 1"=80'-0" (11x17)



**verizon**  
 180 WASHINGTON VALLEY ROAD  
 BEDMINSTER, NJ 07921

**CROWN CASTLE**  
 1200 MACARTHUR BLVD, SUITE 200  
 MAHWAH, NJ 07430

**Tectonic**  
 PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.  
 Tectonic Engineering & Surveying Consultants P.C.  
 70 Pleasant Hill Road Phone: (845) 534-5959  
 P.O. Box 37 (800) 529-6531  
 Mountainville, NY 10953 www.tectonicengineering.com  
 Project Contact Info  
 1279 Route 300  
 Newburgh, NY 12550 Phone: (845) 567-6656

TECTONIC WO#: 10545.FORBESST CT

VERIZON SITE NUMBER:  
**323913**

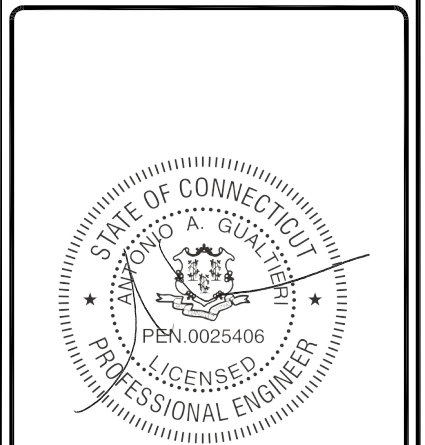
BU #: **806376**  
 HRT **100 943239**

1455 FORBES STREET  
 EAST HARTFORD, CT 06118

EXISTING  
 131'-0"  
 MONOPOLE

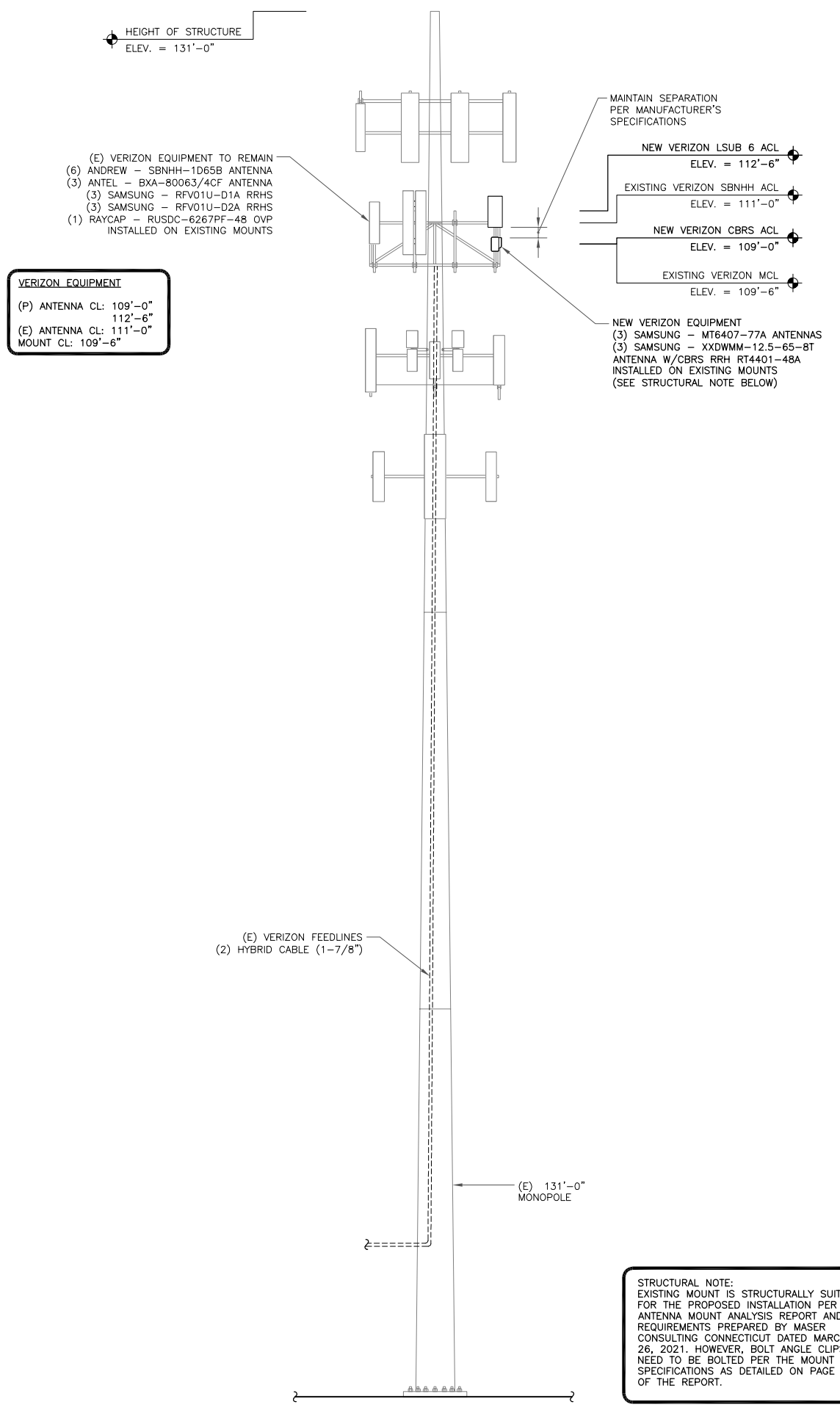
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	05/20/21	VS	CONSTRUCTION	....



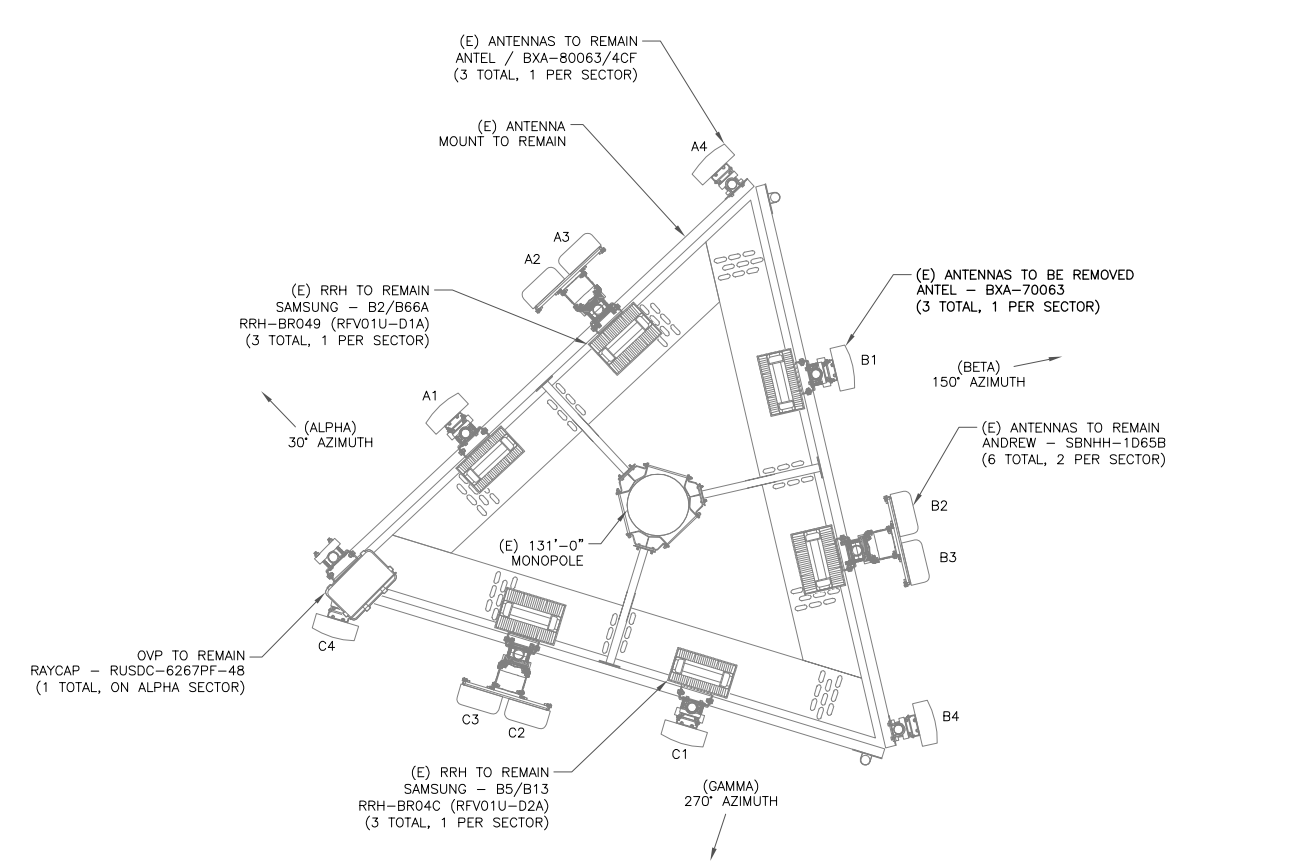
IT IS A VIOLATION OF LAW FOR ANY PERSON,  
 UNLESS THEY ARE ACTING UNDER THE DIRECTION  
 OF A LICENSED PROFESSIONAL ENGINEER,  
 TO ALTER THIS DOCUMENT.

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

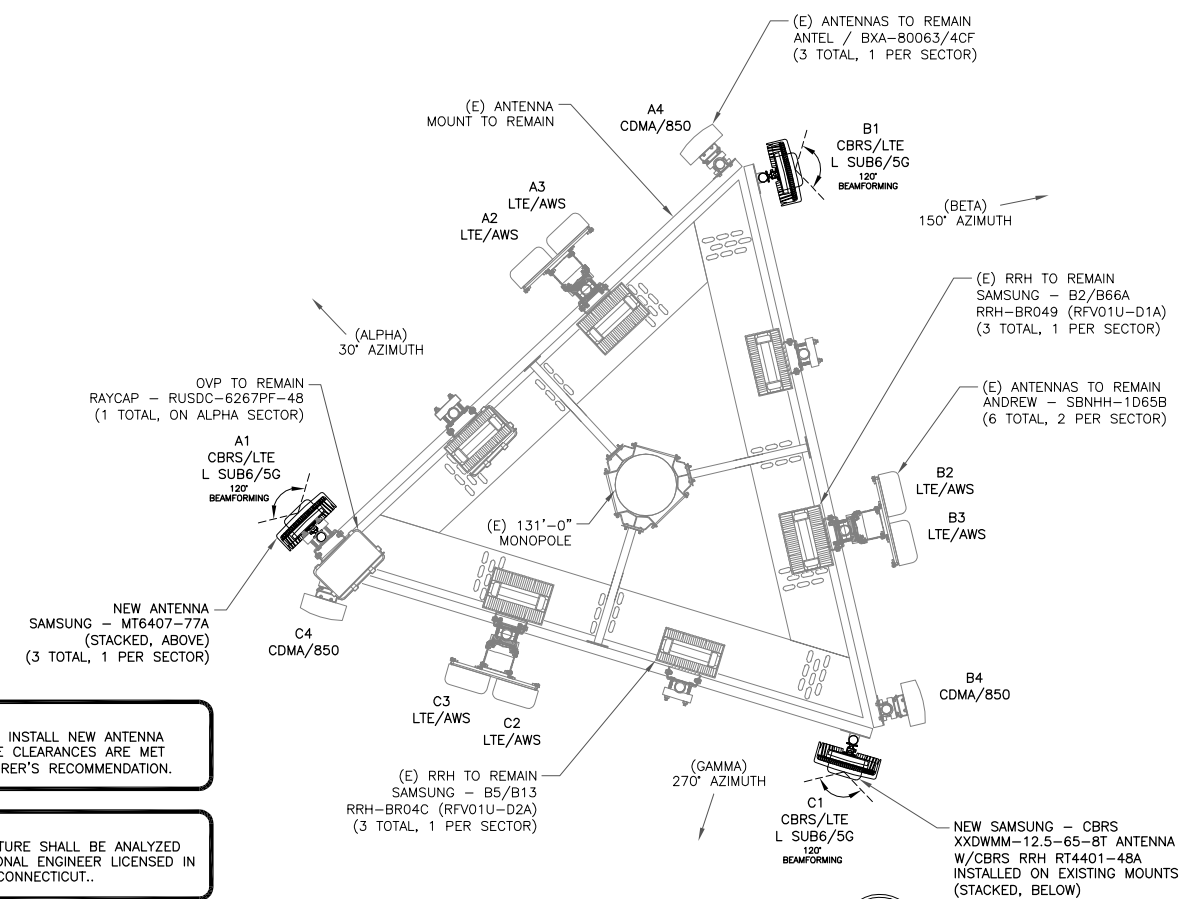


1 TOWER ELEVATION  
SCALE: NOT TO SCALE

**STRUCTURAL NOTE:**  
EXISTING MOUNT IS STRUCTURALLY SUITABLE FOR THE PROPOSED INSTALLATION PER THE ANTENNA MOUNT ANALYSIS REPORT AND PMI REQUIREMENTS PREPARED BY MASER CONSULTING CONNECTICUT DATED MARCH 26, 2021. HOWEVER, BOLT ANGLE CLIPS NEED TO BE BOLTED PER THE MOUNT SPECIFICATIONS AS DETAILED ON PAGE 8 OF THE REPORT.



2 EXISTING ANTENNA PLAN  
SCALE: NOT TO SCALE



3 NEW ANTENNA PLAN  
SCALE: NOT TO SCALE

**NOTE:**  
CONTRACTOR TO INSTALL NEW ANTENNA AND MAKE SURE CLEARANCES ARE MET PER MANUFACTURER'S RECOMMENDATION.

**TOWER NOTE:**  
EXISTING STRUCTURE SHALL BE ANALYZED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF CONNECTICUT.



VERIZON SITE NUMBER:  
**323913**

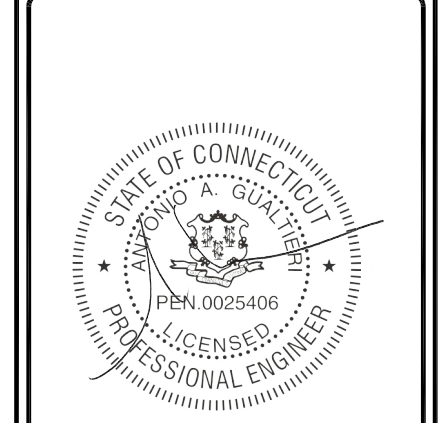
BU #: 806376  
HRT 100 943239

1455 FORBES STREET  
EAST HARTFORD, CT 06118

EXISTING  
131'-0"  
MONOPOLE

**ISSUED FOR:**

REV	DATE	DRWN	DESCRIPTION	DES/QA
0	05/20/21	VS	CONSTRUCTION	....



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-2** REVISION: **0**

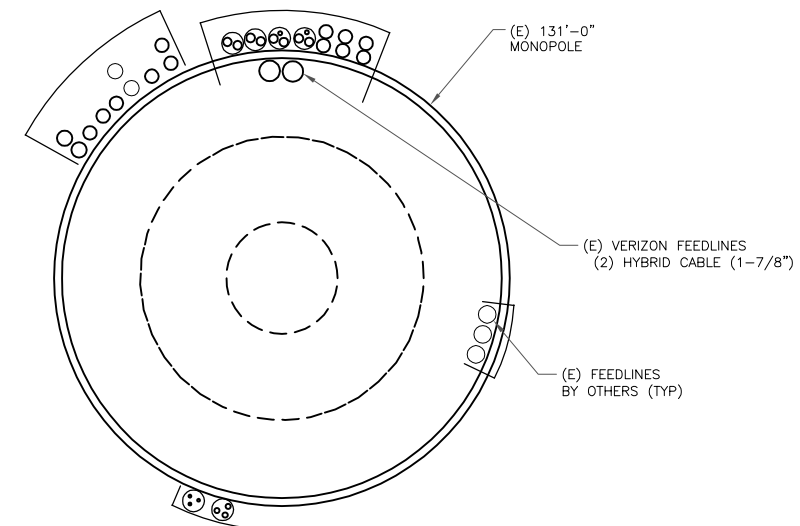
ANTENNA/RRH SCHEDULE

SECTOR	STATUS	ANTENNA MANUFACTURER	ANTENNA MODEL	ANTENNA CENTERLINE	AZIMUTH	MECHANICAL DOWNTILTS	ELECTRICAL DOWNTILTS	TOWER EQUIPMENT MANUFACTURER	TOWER EQUIPMENT QTY/MODEL
A1	NEW	SAMSUNG	CBRS	109'-0"	30°	0'	8'	SAMSUNG SAMSUNG RAYCAP	(1) B5/B13 RRH-BR04C (RFV01U-D2A) (1) B2/B66A RRH-BR049 (RFV01U-D1A) (1) RUSDC-6267PF-48
	NEW	SAMSUNG	MT6407-77A	113'-0"	30°	0'	3'		
A2	EXISTING	COMMSCOPE	SBNHH-1D45B	111'-0"	30°	0'	7'/2'		
A3	EXISTING	COMMSCOPE	SBNHH-1D45B	111'-0"	30°	0'	7'/2'		
A4	EXISTING	ANTEL	BXA-80063/4CF	111'-0"	30°	0'	0'		
B1	NEW	SAMSUNG	CBRS	109'-0"	150°	0'	8'	SAMSUNG SAMSUNG	(1) B5/B13 RRH-BR04C (RFV01U-D2A) (1) B2/B66A RRH-BR049 (RFV01U-D1A)
	NEW	SAMSUNG	MT6407-77A	113'-0"	150°	0'	3'		
B2	EXISTING	COMMSCOPE	SBNHH-1D45B	111'-0"	150°	0'	7'/2'		
B3	EXISTING	COMMSCOPE	SBNHH-1D45B	111'-0"	150°	0'	7'/2'		
B4	EXISTING	ANTEL	BXA-80063/4CF	111'-0"	150°	2'	0'		
C1	NEW	SAMSUNG	CBRS	109'-0"	270°	0'	8'	SAMSUNG SAMSUNG	(1) B5/B13 RRH-BR04C (RFV01U-D2A) (1) B2/B66A RRH-BR049 (RFV01U-D1A)
	NEW	SAMSUNG	MT6407-77A	113'-0"	270°	0'	3'		
C2	EXISTING	COMMSCOPE	SBNHH-1D45B	111'-0"	270°	0'	10'/3'		
C3	EXISTING	COMMSCOPE	SBNHH-1D45B	111'-0"	270°	0'	10'/4'		
C4	EXISTING	ANTEL	BXA-80063/4CF	111'-0"	270°	8'	0'		

1 VERIZON TOWER EQUIPMENT SCHEDULE  
SCALE: NOT TO SCALE

CABLE SCHEDULE

STATUS	CABLE TYPE	SIZE	LENGTH	QTY
EXISTING	HYBRID	1-7/8"	159'-0"±	2
TOTAL CABLE QTY:				2



2 BASE LEVEL DETAIL  
SCALE: NOT TO SCALE



**verizon**  
180 WASHINGTON VALLEY ROAD  
BEDMINSTER, NJ 07921

**CROWN CASTLE**  
1200 MACARTHUR BLVD, SUITE 200  
MAHWAH, NJ 07430

**Tectonic**  
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.  
Tectonic Engineering & Surveying Consultants P.C.  
70 Pleasant Hill Road Phone: (845) 534-5959  
P.O. Box 37 (800) 529-6531  
Mountainville, NY 10953 www.tectonicengineering.com  
Project Contact Info  
1278 Route 300  
Newburgh, NY 12550 Phone: (845) 567-6656

TECTONIC WO#: 10545.FORBESST CT

VERIZON SITE NUMBER:  
**323913**

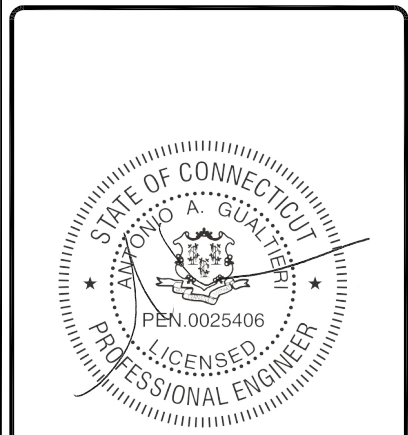
BU #: **806376**  
HRT **100 943239**

1455 FORBES STREET  
EAST HARTFORD, CT 06118

EXISTING  
131'-0"  
MONOPOLE

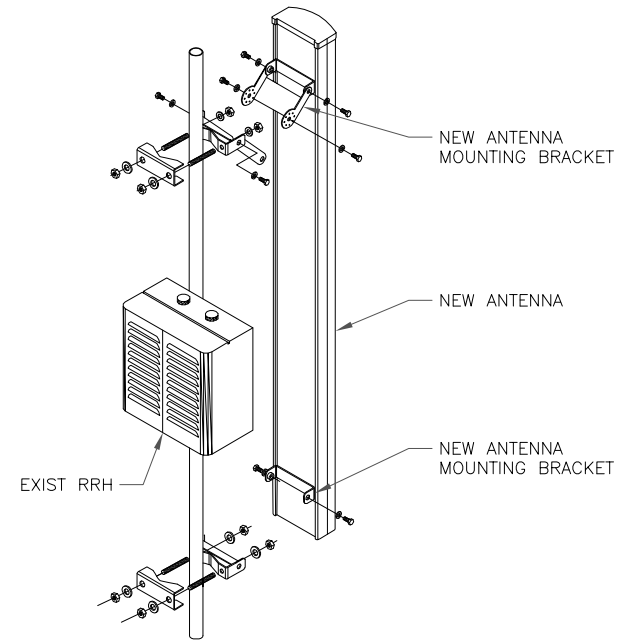
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	05/20/21	VS	CONSTRUCTION	....



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-3** REVISION: **0**



1 ANTENNA MOUNTING DETAIL  
SCALE: NOT TO SCALE

2 NOT USED  
SCALE: NOT TO SCALE

3 NOT USED  
SCALE: NOT TO SCALE

4 NOT USED  
SCALE: NOT TO SCALE

**verizon**  
180 WASHINGTON VALLEY ROAD  
BEDMINSTER, NJ 07921

**CROWN CASTLE**  
1200 MACARTHUR BLVD, SUITE 200  
MAHWAH, NJ 07430

**Tectonic**  
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.  
Tectonic Engineering & Surveying Consultants P.C.  
70 Pleasant Hill Road Phone: (845) 534-5959  
P.O. Box 37 (800) 529-6531  
Mountainville, NY 10953 www.tectonicengineering.com  
Project Contact Info  
1279 Route 300  
Newburgh, NY 12550 Phone: (845) 567-6656

TECTONIC WO#: 10545.FORBESST CT

VERIZON SITE NUMBER:  
**323913**

BU #: **806376**  
HRT **100 943239**

1455 FORBES STREET  
EAST HARTFORD, CT 06118

EXISTING  
131'-0"  
MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	05/20/21	VS	CONSTRUCTION	....

STATE OF CONNECTICUT  
ANTONIO A. GUALTIERI  
PEN.0025406  
LICENSED PROFESSIONAL ENGINEER

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-4** REVISION: **0**

**verizon**  
 180 WASHINGTON VALLEY ROAD  
 BEDMINSTER, NJ 07921

**CROWN CASTLE**  
 1200 MACARTHUR BLVD, SUITE 200  
 MAHWAH, NJ 07430

**Tectonic**  
 PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.  
 Tectonic Engineering & Surveying Consultants P.C.  
 70 Pleasant Hill Road Phone: (845) 534-5959  
 P.O. Box 37 Mountville, NY 10953 (800) 529-6531  
 www.tectonicengineering.com  
 Project Contact Info  
 1279 Route 300 Newburgh, NY 12550 Phone: (845) 567-6656

TECTONIC WO#: 10545.FORBESST CT

VERIZON SITE NUMBER:  
**323913**

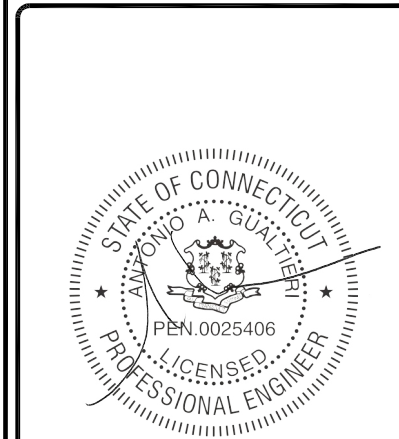
BU #: **806376**  
 HRT **100 943239**

1455 FORBES STREET  
 EAST HARTFORD, CT 06118

EXISTING  
 131'-0"  
 MONOPOLE

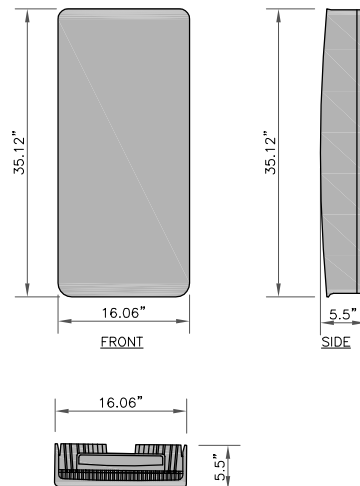
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	05/20/21	VS	CONSTRUCTION	....



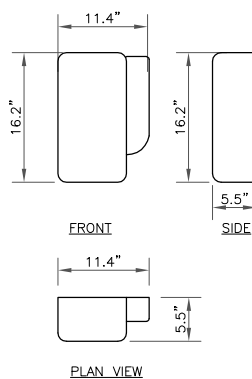
IT IS A VIOLATION OF LAW FOR ANY PERSON,  
 UNLESS THEY ARE ACTING UNDER THE DIRECTION  
 OF A LICENSED PROFESSIONAL ENGINEER,  
 TO ALTER THIS DOCUMENT.

SHEET NUMBER: **C-5** REVISION: **0**



SAMSUNG - MT6407-77A  
 WEIGHT : 87.1 LBS  
 SIZE (HXWXD): 35.12 X 16.06 X 5.51 IN.

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



SAMSUNG - CBRS XXDWMM-12.5-65-8T ANTENNA  
 W/CBRS RRH RT4401-48A  
 WEIGHT : 23.14 LBS  
 SIZE (HXWXD): 16.2 X 11.4 X 5.5 IN.

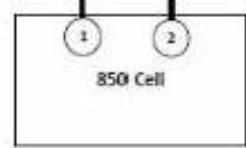
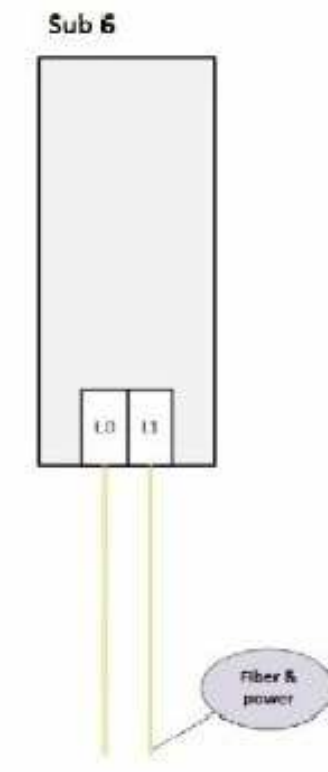
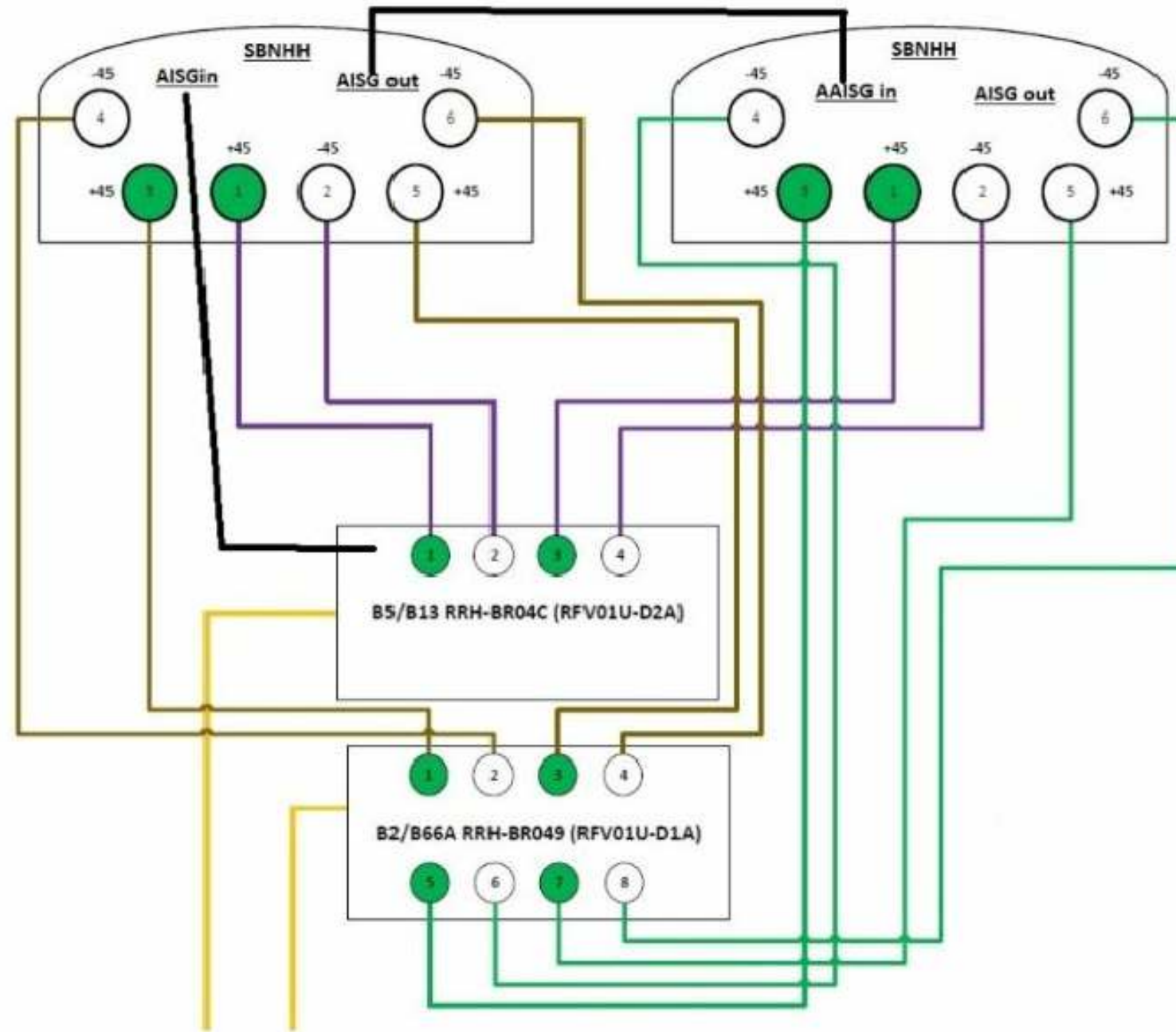
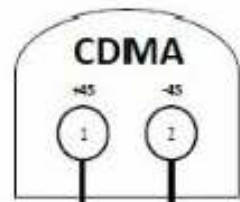
② SAMSUNG CBRS  
 SCALE: NOT TO SCALE

③ NOT USED  
 SCALE: NOT TO SCALE

④ NOT USED  
 SCALE: NOT TO SCALE

⑤ NOT USED  
 SCALE: NOT TO SCALE

⑥ NOT USED  
 SCALE: NOT TO SCALE



**verizon**  
180 WASHINGTON VALLEY ROAD  
BEDMINSTER, NJ 07921

**CROWN CASTLE**  
1200 MACARTHUR BLVD, SUITE 200  
MAHWAH, NJ 07430

**Tectonic**  
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.  
Tectonic Engineering & Surveying Consultants P.C.  
70 Pleasant Hill Road Phone: (845) 534-5959  
P.O. Box 37 (800) 529-6531  
Mountainville, NY 10953 www.tectonicengineering.com  
Project Contact Info  
1278 Route 300  
Newburgh, NY 12550 Phone: (845) 567-6656

TECTONIC WO#: 10545.FORBESST CT

VERIZON SITE NUMBER:  
**323913**

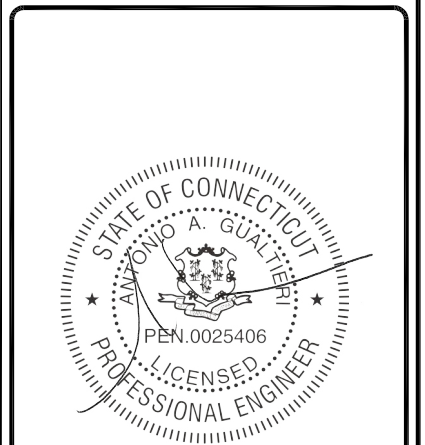
BU #: 806376  
HRT 100 943239

1455 FORBES STREET  
EAST HARTFORD, CT 06118

EXISTING  
131'-0"  
MONOPOLE

ISSUED FOR:

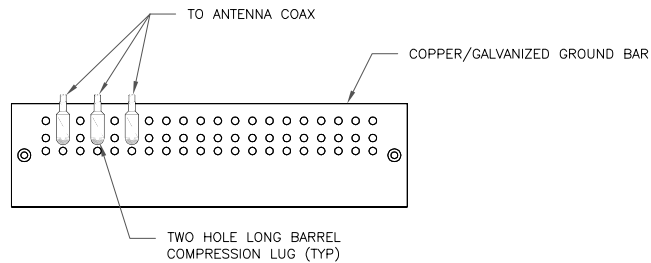
REV	DATE	DRWN	DESCRIPTION	DES./QA
0	05/20/21	VS	CONSTRUCTION	....



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.

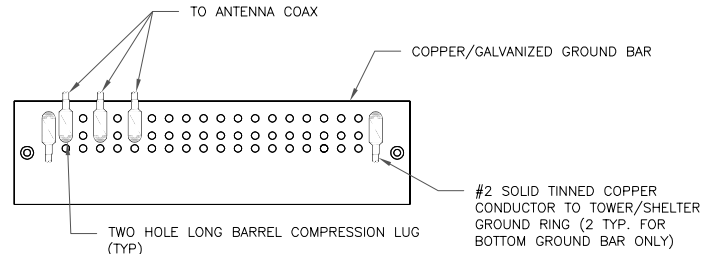
SHEET NUMBER: **C-6** REVISION: **0**





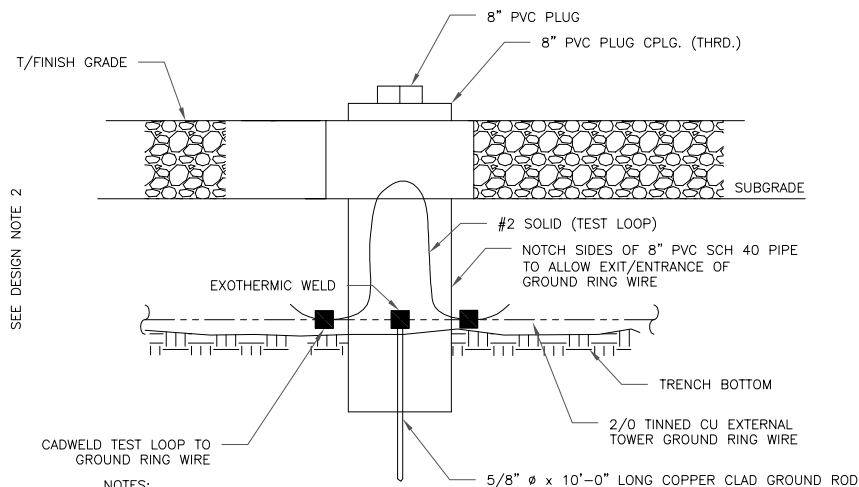
- NOTES:
- DOUBLING UP "OR STACKING" OF CONNECTIONS IS NOT PERMITTED.
  - EXTERIOR ANTIOXIDANT JOINT COMPOUND TO BE USED ON ALL EXTERIOR CONNECTIONS.
  - GROUND BAR SHALL NOT BE ISOLATED FROM TOWER. MOUNT DIRECTLY TO ANTENNA MOUNT STEEL.

1 ANTENNA SECTOR GROUND BAR DETAIL  
SCALE: NOT TO SCALE



- NOTES:
- EXTERIOR ANTIOXIDANT JOINT COMPOUND TO BE USED ON ALL EXTERIOR CONNECTIONS.
  - GROUND BAR SHALL NOT BE ISOLATED FROM TOWER. MOUNT DIRECTLY TO TOWER STEEL (TOWER ONLY).
  - GROUND BAR SHALL BE ISOLATED FROM BUILDING OR SHELTER.

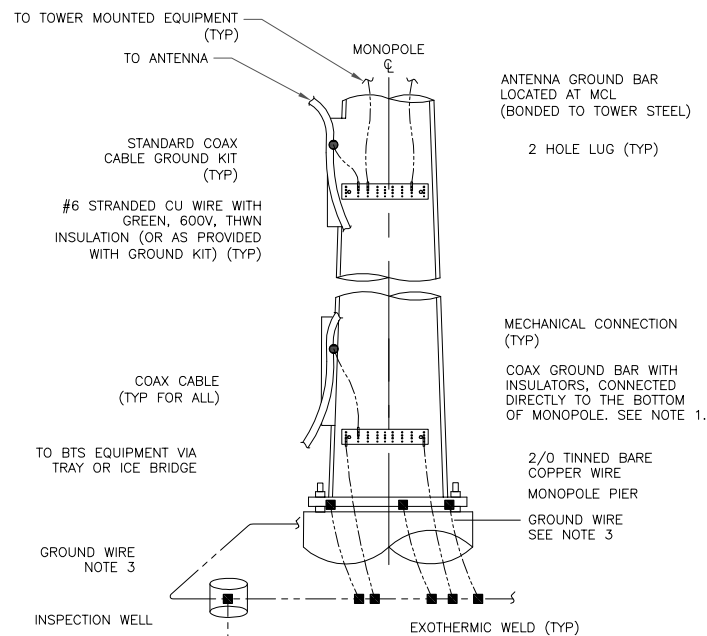
2 TOWER/SHELTER GROUND BAR DETAIL  
SCALE: NOT TO SCALE



SEE DESIGN NOTE 2

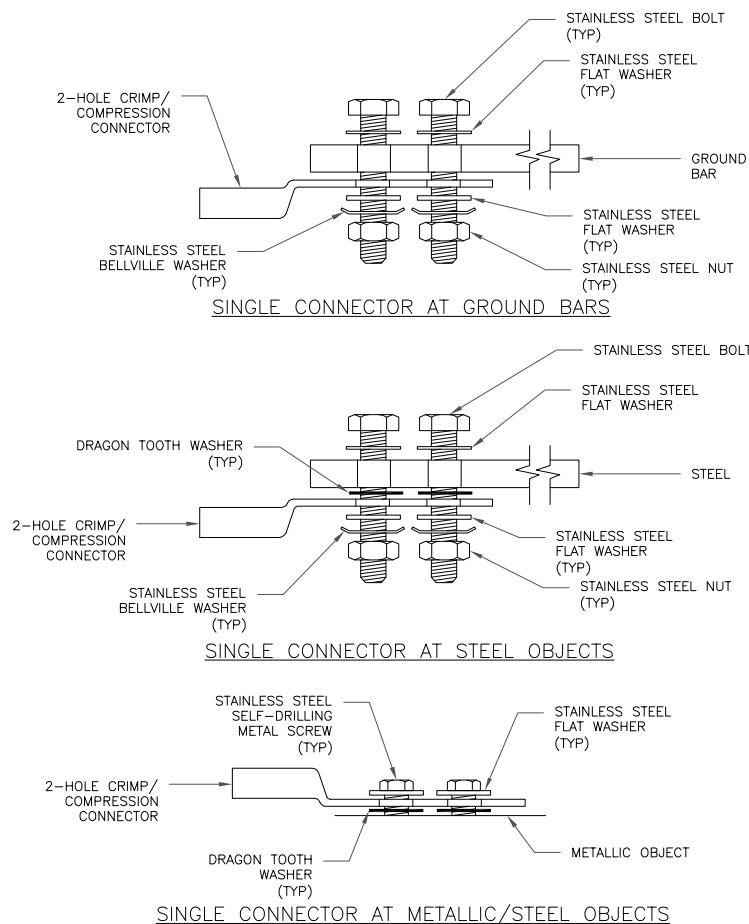
- NOTES:
- GROUND ROD SHALL BE DRIVEN VERTICALLY, NOT TO EXCEED 45 DEGREES FROM THE VERTICAL.
  - GROUND WIRE SHALL BE MIN. 30" BELOW GRADE OR 6" BELOW FROST LINE. (WHICH EVER IS GREATER) AS PER N.E.C. ARTICLE 250-50(D).

3 INSPECTION WELL DETAIL  
SCALE: NOT TO SCALE

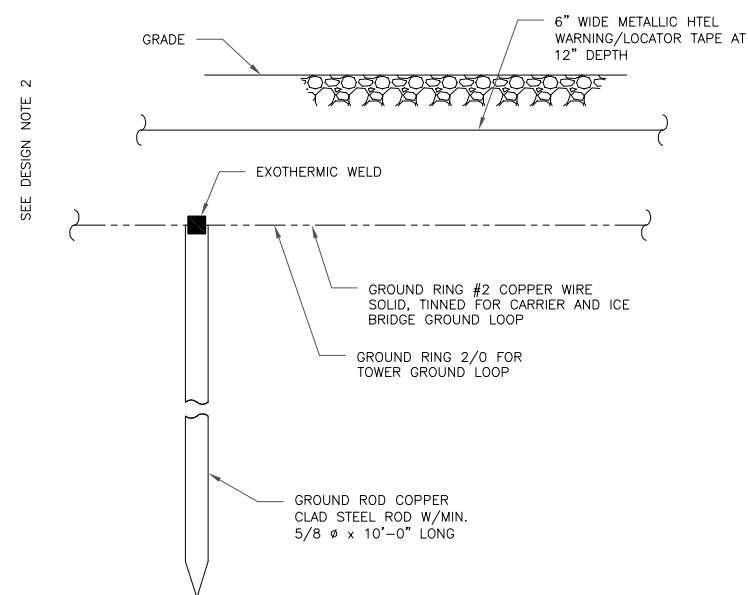


- NOTES:
- NUMBER OF GROUNDING BARS MAY VARY DEPENDING ON THE TYPE OF TOWER, ANTENNA LOCATIONS AND CONNECTION ORIENTATION. COAXIAL CABLES EXCEEDING 200 FEET ON THE TOWER SHALL HAVE GROUND KITS AT THE MIDPOINT. PROVIDE AS REQUIRED.
  - ONLY MECHANICAL CONNECTIONS ARE ALLOWED TO BE MADE TO CROWN CASTLE USA INC. TOWERS. ALL MECHANICAL CONNECTIONS SHALL BE TREATED WITH AN ANTI-OXIDANT COATING.
  - 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



5 HARDWARE DETAIL FOR EXTERIOR CONNECTIONS  
SCALE: NOT TO SCALE



SEE DESIGN NOTE 2

- NOTES:
- GROUND ROD SHALL BE DRIVEN VERTICALLY, NOT TO EXCEED 45 DEGREES FROM THE VERTICAL.
  - GROUND WIRE SHALL BE MIN. 30" BELOW GRADE OR 6" BELOW FROST LINE. (WHICH EVER IS GREATER) AS PER N.E.C. ARTICLE 250-50(D).

6 GROUND ROD DETAIL  
SCALE: NOT TO SCALE

**verizon**  
180 WASHINGTON VALLEY ROAD  
BEDMINSTER, NJ 07921

**CROWN CASTLE**  
1200 MACARTHUR BLVD, SUITE 200  
MAHWAH, NJ 07430

**Tectonic**  
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.  
Tectonic Engineering & Surveying Consultants P.C.  
70 Pleasant Hill Road Phone: (845) 534-5959  
P.O. Box 37 (800) 529-6531  
Mountainville, NY 10953 www.tectonicengineering.com  
Project Contact Info  
1279 Route 300  
Newburgh, NY 12550 Phone: (845) 567-6656

TECTONIC WO#: 10545.FORBESST CT

VERIZON SITE NUMBER:  
323913

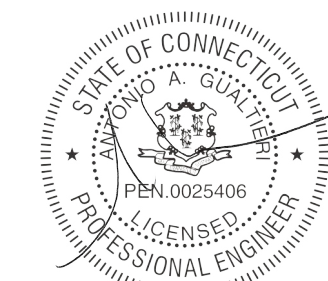
BU #: 806376  
HRT 100 943239

1455 FORBES STREET  
EAST HARTFORD, CT 06118

EXISTING  
131'-0"  
MONOPOLE

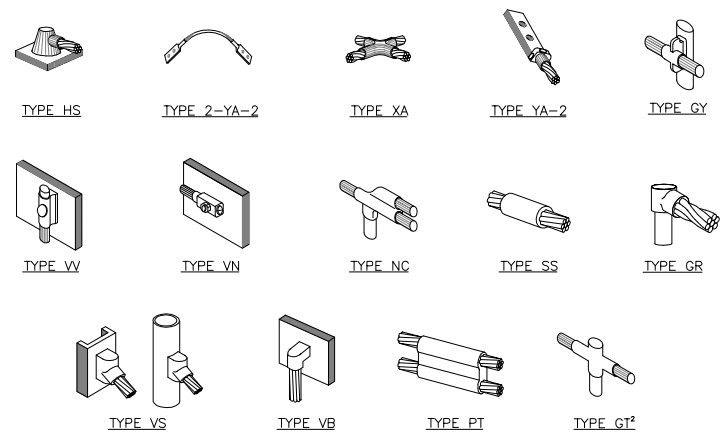
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES/QA
0	05/20/21	VS	CONSTRUCTION	....



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-1** REVISION: **0**

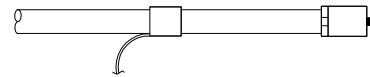


**NOTE:**

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

WEATHERPROOFING KIT  
(SEE NOTE 3)  
ANTENNA CABLE



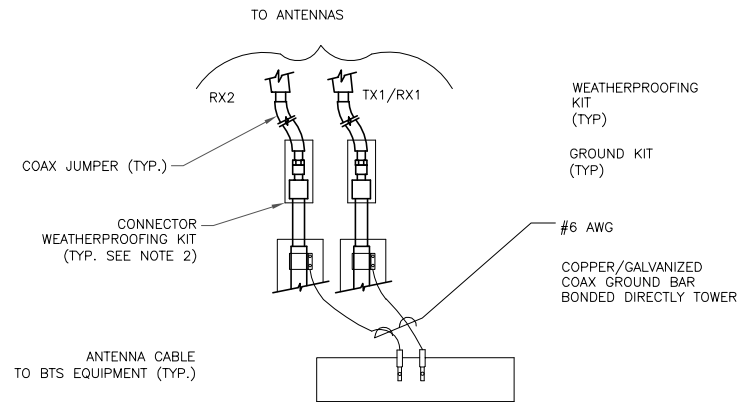
#6 AWG STRANDED COPPER GROUND WIRE  
(GROUNDED TO GROUND BAR). SEE NOTE 1 & 2

CABLE GROUND KIT  
CABLE CONNECTOR

**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.

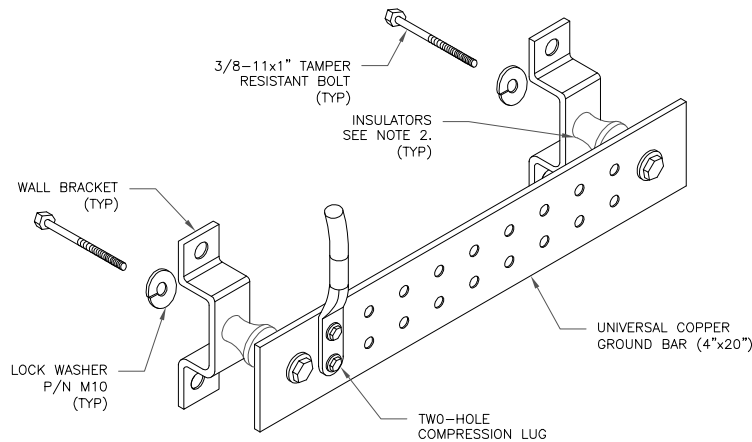
**3 CABLE GROUND KIT CONNECTION**  
SCALE: NOT TO SCALE



**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.

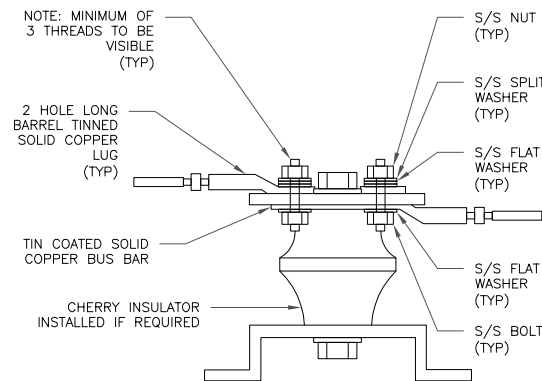
**4 GROUND CABLE CONNECTION**  
SCALE: NOT TO SCALE



**NOTES:**

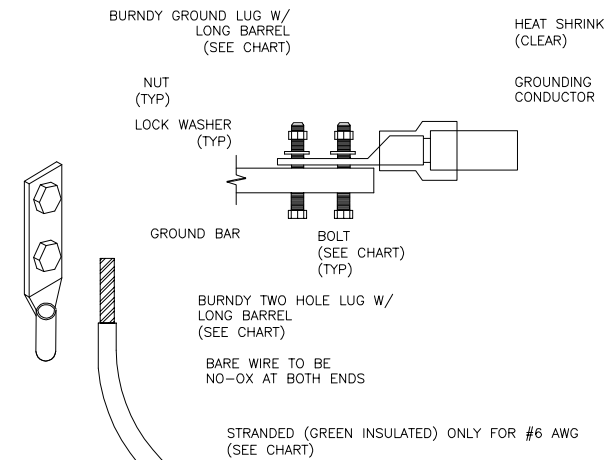
1. DOWN LEAD (HOME RUN) CONDUCTORS ARE NOT TO BE INSTALLED ON CROWN CASTLE USA INC. TOWER, PER THE GROUNDING DOWN CONDUCTOR POLICY QAS-STD-10091. NO MODIFICATION OR DRILLING TO TOWER STEEL IS ALLOWED IN ANY FORM OR FASHION. CAD-WELDING ON THE TOWER AND/OR IN THE AIR ARE NOT PERMITTED.
2. OMIT INSULATOR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

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

#6 AWG MIN. FROM ANTENNA  
CABLE GROUND KIT

GROUND BAR ON SHELTER, ICE  
BRIDGE, OR ON ANTENNA TOWER

\*TWO HOLE LUG, OR  
EXOTHERMIC WELD TO BE USED  
WITH #2 AWG BARE CONDUCTOR  
WIRE TO BUILDING SERVICE  
GROUND OR GROUND RING

GROUNDING SHALL BE  
ELIMINATED WHEN GROUND BAR  
IS ELECTRICALLY BONDED TO  
METAL TOWER

**5 GROUNDWIRE INSTALLATION**  
SCALE: NOT TO SCALE

#2 TINNED SOLID IN 3/4" LIQUID TIGHT  
CONDUIT FROM 24" BELOW GRADE TO  
WITHIN 3" TO 6" OF CAD-WELD  
TERMINATION POINT. EXPOSED END OF  
THE LIQUID TIGHT CONDUIT MUST BE  
SEALED WITH SILICONE CAULK.

TIE INTO EXISTING GROUND RING

**8 TRANSITIONING GROUND DETAIL**  
SCALE: NOT TO SCALE

**verizon**  
180 WASHINGTON VALLEY ROAD  
BEDMINSTER, NJ 07921

**CROWN  
CASTLE**  
1200 MACARTHUR BLVD, SUITE 200  
MAHWAH, NJ 07430

**Tectonic**  
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.  
Tectonic Engineering & Surveying Consultants P.C.  
70 Pleasant Hill Road Phone: (845) 534-5959  
P.O. Box 37 (800) 629-6531  
Mountainville, NY 10953 www.tectonicengineering.com  
Project Contact Info  
1278 Route 300  
Newburgh, NY 12550 Phone: (845) 567-6656

TECTONIC WO#: 10545.FORBESST CT

VERIZON SITE NUMBER:  
323913

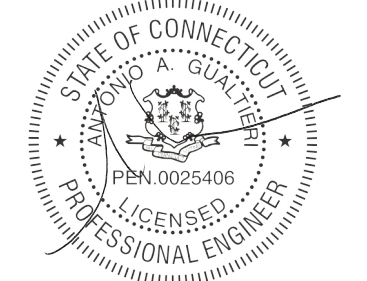
BU #: 806376  
HRT 100 943239

1455 FORBES STREET  
EAST HARTFORD, CT 06118

EXISTING  
131'-0"  
MONOPOLE

**ISSUED FOR:**

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	05/20/21	VS	CONSTRUCTION	....



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: **May 7, 2021**



Tower Engineering Professionals  
326 Tryon Road  
Raleigh, NC 27603  
(919) 661-6351

**Subject: Structural Analysis Report**

**Carrier Designation:** **Verizon Wireless Co-Locate**  
**Site Number:** 467621  
**Site Name:** Forbes St CT

**Crown Castle Designation:** **BU Number:** 806376  
**Site Name:** HRT 100 943239  
**JDE Job Number:** 644608  
**Work Order Number:** 1957331  
**Order Number:** 552642 Rev. 0

**Engineering Firm Designation:** **TEP Project Number:** 25677.537063

**Site Data:** **1455 Forbes Street, East Hartford, Hartford County, CT 06118**  
**Latitude 41° 43' 53.30", Longitude -72° 36' 28.00"**  
**130 Foot - Monopole Tower**

*Tower Engineering Professionals* 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 – 89.4%**

This analysis utilizes an ultimate 3-second gust wind speed of 125 mph as required by the 2018 Connecticut State Building Code. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Structural analysis prepared by: Gautam Sopal, E.I. / DEN

Respectfully submitted by:

Aaron T. Rucker, P.E.



Electronic Copy

05/07/2021

## 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

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 130-ft monopole tower designed by Valmont. The tower has been modified multiple times in the past to accommodate additional loading. The tower was previously extended 20-ft, bringing the overall tower height to 130-ft.

## 2) ANALYSIS CRITERIA

<b>TIA-222 Revision:</b>	TIA-222-H
<b>Risk Category:</b>	II
<b>Wind Speed:</b>	125 mph
<b>Exposure Category:</b>	C
<b>Topographic Factor:</b>	1.0
<b>Ice Thickness:</b>	2.0 in
<b>Wind Speed with Ice:</b>	50 mph
<b>Service Wind Speed:</b>	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)
109.0	113.0	3	Samsung Telecom.	MT6407-77A w/ Mount Pipe	2	1-7/8
	111.0	6	Andrew	SBNHH-1D65B w/ Mount Pipe		
		3	Antel	BXA-80063/4CF w/ Mount Pipe		
	109.0	3	Samsung Telecom.	CBRS w/ Mount Pipe		
		3	Samsung Telecom.	RFV01U-D1A		
		3	Samsung Telecom.	RFV01U-D2A		
		1	Raycap	RUSDC-6267-PF-48		
		1	Site Pro 1	F3P-HRK12		
		1	Site Pro 1	F3P-12[W]		

**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)
121.0	121.0	1	Tower Mounts	Side Arm Mount [SO 102-3]	2 8 6	3/8 3/4 1-1/4
		1	Tower Mounts	Platform Mount [LP 602-1]		
	120.0	3	Kathrein	80010798 w/ Mount Pipe		
		6	Kathrein	80010965 w/ Mount Pipe		
		3	Kathrein	800 10121 w/ Mount Pipe		
		3	Ericsson	RRUS E2 B29		
		3	Ericsson	RRUS 8843 B2/B66A		
		3	Ericsson	RRUS 32 B30		
		3	Ericsson	RRUS 4478 B14		
		3	Ericsson	RRUS 4449 B5/B12		
		6	Powerwave Technologies	LGP21401		
		4	Raycap	DC6-48-60-18-8F		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
99.0	99.0	3	Alcatel Lucent	800MHz 2X50W RRH W/FILTER	-	-
		3	Alcatel Lucent	PCS 1900MHz 4x45W-65MHz w/ Mount Pipe		
		1	Tower Mounts	Side Arm Mount [SO 101-3]		
97.0	103.0	1	Andrew	VHLP2-18	3 3 3	5/16 1/2 1-5/8
		1	Andrew	VHLP2.5-18		
		2	Dragonwave	HORIZON COMPACT		
	98.0	3	Argus Technologies	LLPX310R-V1 w/ Mount Pipe		
		3	RFS Celwave	APXVAALL24_43-U-NA20_TMO w/ Mount Pipe		
		3	RFS Celwave	APX16DWV-16DWV-S-E-A20 w/ Mount Pipe		
		3	Ericsson	AIR6449 B41_T-MOBILE w/ Mount Pipe		
		3	Samsung Telecom.	RRH-2WB		
		3	Ericsson	RADIO 4415 B66A_CCIV3		
		3	Ericsson	RADIO 4424 B25_TMOV1		
		3	Ericsson	RADIO 4449 B71 B85A_T-MOBILE		
	97.0	1	Motorola	TIMING 2000		
		1	Tower Mounts	Platform Mount [LP 713-1]		
	87.0	89.0	3	Commscope		
87.0		3	Ericsson	AIR 21 B2A B4P w/ Mount Pipe		
		3	RFS Celwave	APXVAARR24_43-U-NA20 w/ Mount Pipe		
		3	Ericsson	AIR -32 B2A/B66AA w/ Mount Pipe		
		3	Ericsson	AIR6449 B41 w/ Mount Pipe		
		3	Ericsson	KRY 112 144/1		
		3	Ericsson	RADIO 4449 B71 B85A_T-MOBILE		
		3	Ericsson	RRUS 4415 B25_CCIV2		
1		Tower Mounts	T-Arm Mount [TA 602-3]			

### 3) ANALYSIS PROCEDURE

**Table 3 - Documents Provided**

Document	Reference	Source
Geotechnical Report	262381	CCISites
Tower Foundation Drawings	262389	CCISites
Tower Manufacturer Drawings	262386	CCISites
Tower Reinforcement Drawings	3249954	CCISites
Post-Modification Inspection	3675451	CCISites
Tower Reinforcement Drawings	3842355	CCISites
Post-Modification Inspection	5099148	CCISites
Tower Reinforcement Drawings	5681337	CCISites
Post-Modification Inspection	5921968	CCISites
Tower Reinforcement Drawings	6515906	CCISites
Post-Modification Inspection	7030743	CCISites
Tower Reinforcement Drawings	8204667	CCISites
Post-Modification Inspection	8418504	CCISites

#### 3.1) Analysis Method

tnxTower (version 8.0.9.0), 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.

tnxTower was used to determine the loads on the modified structure. Additional calculations were performed to determine the stresses in the pole and in the reinforcing elements. These calculations are presented in Appendix C.

#### 3.2) Assumptions

- 1) The 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. Tower Engineering Professionals should be notified to determine the effect on the structural integrity of the tower.

### 4) ANALYSIS RESULTS

**Table 4 - Section Capacity (Summary)<sup>1,2</sup>**

Elevation (ft)	Component Type	Size	Critical Element	% Capacity	Pass / Fail
130 - 125	Pole	TP11.775x10.525x0.1875	Pole	0.5%	Pass
125 - 120	Pole	TP13.025x11.775x0.1875	Pole	4.6%	Pass
120 - 115	Pole	TP14.275x13.025x0.1875	Pole	25.9%	Pass
115 - 110	Pole	TP15.525x14.275x0.1875	Pole	41.6%	Pass
110 - 105	Pole	TP16.776x15.525x0.25	Pole	47.9%	Pass



Elevation (ft)	Component Type	Size	Critical Element	% Capacity	Pass / Fail
105 - 100	Pole	TP18.027x16.776x0.25	Pole	59.4%	Pass
100 - 95	Pole	TP19.277x18.027x0.25	Pole	73.0%	Pass
95 - 90	Pole	TP20.528x19.277x0.25	Pole	85.3%	Pass
90 - 89.75	Pole + Reinf.	TP20.591x20.528x0.5	Reinf. 12 Tension Rupture	76.1%	Pass
89.75 - 84.75	Pole + Reinf.	TP21.841x20.591x0.4813	Reinf. 12 Tension Rupture	88.9%	Pass
84.75 - 84.58	Pole + Reinf.	TP21.884x21.841x0.475	Reinf. 12 Tension Rupture	89.4%	Pass
84.58 - 84.33	Pole + Reinf.	TP21.946x21.884x0.6375	Reinf. 12 Tension Rupture	69.2%	Pass
84.33 - 83.42	Pole + Reinf.	TP22.174x21.946x0.625	Reinf. 12 Tension Rupture	71.1%	Pass
83.42 - 83.17	Pole + Reinf.	TP22.237x22.174x0.95	Reinf. 17 Tension Rupture	49.9%	Pass
83.17 - 83	Pole + Reinf.	TP22.279x22.237x0.95	Reinf. 17 Tension Rupture	50.2%	Pass
83 - 82.75	Pole + Reinf.	TP22.342x22.279x0.7	Reinf. 17 Tension Rupture	66.7%	Pass
82.75 - 77.75	Pole + Reinf.	TP23.592x22.342x0.6625	Reinf. 17 Tension Rupture	75.7%	Pass
77.75 - 74	Pole + Reinf.	TP25.531x23.592x0.65	Reinf. 17 Tension Rupture	81.7%	Pass
74 - 69	Pole + Reinf.	TP25.281x24.03x0.7	Reinf. 17 Tension Rupture	83.2%	Pass
69 - 67.08	Pole + Reinf.	TP25.761x25.281x0.6875	Reinf. 17 Tension Rupture	85.4%	Pass
67.08 - 66.83	Pole + Reinf.	TP25.824x25.761x0.6875	Reinf. 17 Tension Rupture	85.7%	Pass
66.83 - 64.08	Pole + Reinf.	TP26.512x25.824x0.675	Reinf. 17 Tension Rupture	88.8%	Pass
64.08 - 63.83	Pole + Reinf.	TP26.574x26.512x0.7375	Reinf. 17 Tension Rupture	85.1%	Pass
63.83 - 62.5	Pole + Reinf.	TP26.907x26.574x0.7375	Reinf. 17 Tension Rupture	86.5%	Pass
62.5 - 62.25	Pole + Reinf.	TP26.969x26.907x0.8625	Reinf. 17 Tension Rupture	71.6%	Pass
62.25 - 57.25	Pole + Reinf.	TP28.22x26.969x0.8375	Reinf. 17 Tension Rupture	75.8%	Pass
57.25 - 53.5	Pole + Reinf.	TP29.158x28.22x0.8125	Reinf. 17 Tension Rupture	78.7%	Pass
53.5 - 53.25	Pole + Reinf.	TP29.22x29.158x0.8375	Reinf. 10 Tension Rupture	78.0%	Pass
53.25 - 52.58	Pole + Reinf.	TP29.388x29.22x0.825	Reinf. 10 Tension Rupture	78.5%	Pass
52.58 - 52.33	Pole + Reinf.	TP29.45x29.388x0.8625	Reinf. 10 Tension Rupture	75.6%	Pass
52.33 - 47.33	Pole + Reinf.	TP30.701x29.45x0.8375	Reinf. 10 Tension Rupture	79.1%	Pass
47.33 - 44.58	Pole + Reinf.	TP31.389x30.701x0.8125	Reinf. 10 Tension Rupture	80.8%	Pass
44.58 - 44.33	Pole + Reinf.	TP31.451x31.389x0.8125	Reinf. 10 Tension Rupture	81.0%	Pass
44.33 - 41.92	Pole + Reinf.	TP32.054x31.451x0.8	Reinf. 10 Tension Rupture	82.5%	Pass
41.92 - 41.67	Pole + Reinf.	TP32.117x32.054x0.8125	Reinf. 9 Tension Rupture	73.4%	Pass
41.67 - 39	Pole + Reinf.	TP34.015x32.117x0.7875	Reinf. 9 Tension Rupture	74.8%	Pass
39 - 34	Pole + Reinf.	TP33.408x32.159x0.8188	Reinf. 9 Tension Rupture	76.2%	Pass
34 - 29	Pole + Reinf.	TP34.657x33.408x0.7938	Reinf. 9 Tension Rupture	78.1%	Pass
29 - 26.92	Pole + Reinf.	TP35.177x34.657x0.7938	Reinf. 9 Tension Rupture	78.9%	Pass
26.92 - 26.67	Pole + Reinf.	TP35.239x35.177x0.8938	Reinf. 7 Tension Rupture	73.8%	Pass
26.67 - 21.67	Pole + Reinf.	TP36.488x35.239x0.8688	Reinf. 7 Tension Rupture	75.6%	Pass
21.67 - 18	Pole + Reinf.	TP37.404x36.488x0.8563	Reinf. 7 Tension Rupture	76.8%	Pass
18 - 17.75	Pole + Reinf.	TP37.467x37.404x0.9938	Reinf. 16 Tension Rupture	64.5%	Pass
17.75 - 17.5	Pole + Reinf.	TP37.529x37.467x0.9938	Reinf. 16 Tension Rupture	64.6%	Pass
17.5 - 17.25	Pole + Reinf.	TP37.592x37.529x0.9938	Reinf. 15 Tension Rupture	64.7%	Pass
17.25 - 17.08	Pole + Reinf.	TP37.634x37.592x0.9938	Reinf. 15 Tension Rupture	64.7%	Pass
17.08 - 16.83	Pole + Reinf.	TP37.697x37.634x0.8938	Reinf. 15 Tension Rupture	70.7%	Pass
16.83 - 13	Pole + Reinf.	TP38.653x37.697x0.8813	Reinf. 15 Tension Rupture	71.7%	Pass
13 - 12.75	Pole + Reinf.	TP38.716x38.653x1.0563	Reinf. 5 Tension Rupture	60.9%	Pass

Elevation (ft)	Component Type	Size	Critical Element	% Capacity	Pass / Fail
12.75 - 11.92	Pole + Reinf.	TP38.923x38.716x1.0438	Reinf. 5 Tension Rupture	61.1%	Pass
11.92 - 11.67	Pole + Reinf.	TP38.985x38.923x0.8188	Reinf. 15 Tension Rupture	78.3%	Pass
11.67 - 6.67	Pole + Reinf.	TP40.234x38.985x0.7938	Reinf. 15 Tension Rupture	79.5%	Pass
6.67 - 6.5	Pole + Reinf.	TP40.277x40.234x0.7938	Reinf. 15 Tension Rupture	79.6%	Pass
6.5 - 6.25	Pole + Reinf.	TP40.339x40.277x0.9188	Reinf. 5 Tension Rupture	74.4%	Pass
6.25 - 3.75	Pole + Reinf.	TP40.963x40.339x0.9063	Reinf. 5 Tension Rupture	74.9%	Pass
3.75 - 3.5	Pole + Reinf.	TP41.026x40.963x1.0188	Reinf. 14 Tension Rupture	64.9%	Pass
3.5 - 3	Pole + Reinf.	TP41.151x41.026x1.0188	Reinf. 14 Tension Rupture	65.0%	Pass
3 - 2.75	Pole + Reinf.	TP41.213x41.151x0.9938	Reinf. 15 Tension Rupture	68.9%	Pass
2.75 - 0	Pole + Reinf.	TP41.9x41.213x1.0438	Reinf. 4 Weldment	83.7%	Pass
				Summary	
			Pole	85.3%	Pass
			Reinforcement	89.4%	Pass
			Overall	89.4%	Pass

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

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1,2	Flange Connection	-	38.2	Pass
1,2	Anchor Rods	-	80.1	Pass
1,2	Base Plate	-	54.3	Pass
1,2	Base Foundation Soil Interaction	-	69.1	Pass
1,2	Base Foundation Structural	-	59.0	Pass

<b>Structure Rating (max from all components) =</b>	<b>89.4%</b>
-----------------------------------------------------	--------------

Notes:

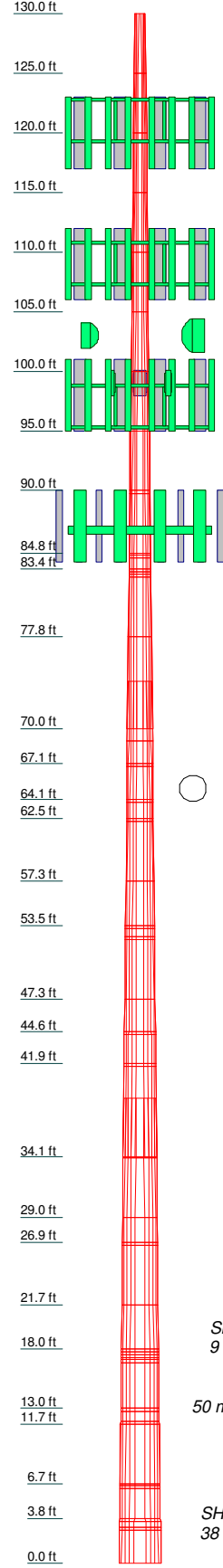
- 1) See additional documentation in "Appendix C - Additional Calculations" for calculations supporting the % capacity listed.
- 2) Rating per TIA-222-H Section 15.5

#### 4.1) Recommendations

- 1) 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	Length (ft)	Number of Sides	Thickness (in)	Socket Length (ft)	Top Dia (in)	Bot Dia (in)	Grade	Weight (K)
1	5.0000	12	0.1875		130.0	125.0	A572-65	0.1
2	5.0000	12	0.1875		125.0	120.0	A572-65	0.1
3	5.0000	12	0.1875		120.0	115.0	A572-65	0.1
4	5.0000	12	0.1875		115.0	110.0	A572-65	0.1
5	5.0000	12	0.1875		110.0	105.0	A572-65	0.2
6	5.0000	12	0.2500		105.0	100.0	A572-65	0.2
7	5.0000	12	0.2500		100.0	95.0	A572-65	0.3
8	5.0000	12	0.2500		95.0	90.0	A572-65	0.3
9	5.0000	12	0.2500		90.0	84.8	A572-65	0.3
10	5.0000	12	0.2500		84.8	83.4	A572-65	0.5
11	5.0000	12	0.2500		83.4	77.8	A572-65	0.7
12	5.0000	12	0.2500		77.8	70.0	A572-65	1.2
13	5.0000	12	0.2500		70.0	67.1	A572-65	1.0
14	5.0000	12	0.2500		67.1	64.1	A572-65	1.0
15	5.0000	12	0.2500		64.1	62.5	A572-65	1.0
16	5.0000	12	0.2500		62.5	57.3	A572-65	1.1
17	5.0000	12	0.2500		57.3	53.5	A572-65	1.1
18	5.0000	12	0.2500		53.5	47.3	A572-65	1.2
19	5.0000	12	0.2500		47.3	44.6	A572-65	1.2
20	5.0000	12	0.2500		44.6	41.9	A572-65	1.0
21	5.0000	12	0.2500		41.9	34.1	A572-65	2.0
22	5.0000	12	0.2500		34.1	29.0	A572-65	1.4
23	5.0000	12	0.2500		29.0	26.9	A572-65	1.0
24	5.0000	12	0.2500		26.9	21.7	A572-65	1.6
25	5.0000	12	0.2500		21.7	18.0	A572-65	1.2
26	5.0000	12	0.2500		18.0	13.0	A572-65	1.0
27	5.0000	12	0.2500		13.0	11.7	A572-65	1.3
28	5.0000	12	0.2500		11.7	6.7	A572-65	1.8
29	5.0000	12	0.2500		6.7	3.8	A572-65	1.1
30	5.0000	12	0.2500		3.8	0.0	A572-65	1.0

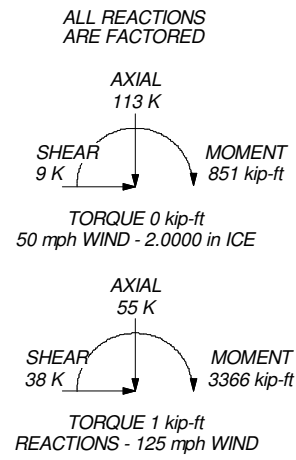



**MATERIAL STRENGTH**

GRADE	Fy	Fu	GRADE	Fy	Fu
A572-65	65 ksi	80 ksi			

**TOWER DESIGN NOTES**

- Tower designed for Exposure C to the TIA-222-H Standard.
- Tower designed for a 125 mph basic wind in accordance with the TIA-222-H Standard.
- Tower is also designed for a 50 mph basic wind with 2.00 in ice. Ice is considered to increase in thickness with height.
- Deflections are based upon a 60 mph wind.
- Tower Risk Category II.
- Topographic Category 1 with Crest Height of 0.0000 ft
- TOWER RATING: 89.4%



 Tower Engineering Professionals	<b>Tower Engineering Professionals, Inc.</b>		<b>Job: HRT 100 943239 (BU 806376)</b> Project: <b>TEP No. 25677.537063</b>		
	326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350		Client: Crown Castle	Drawn by: tmlester	App'd:
			Code: TIA-222-H	Date: 05/06/21	Scale: NTS
		Path: C:\Users\tmlster\Desktop\HRT 100 943239\806376_1957331_LC7.er		Dwg No. E-1	

<b><i>tnxTower</i></b>  <b><i>Tower Engineering Professionals, Inc.</i></b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b> HRT 100 943239 (BU 806376)	<b>Page</b> 1 of 59
	<b>Project</b> TEP No. 25677.537063	<b>Date</b> 17:00:52 05/06/21
	<b>Client</b> Crown Castle	<b>Designed by</b> tmlester

## Tower Input Data

The tower is a monopole.

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

The following design criteria apply:

- Tower base elevation above sea level: 41.0000 ft.
- Basic wind speed of 125 mph.
- Risk Category II.
- Exposure Category C.
- Simplified Topographic Factor Procedure for wind speed-up calculations is used.
- Topographic Category: 1.
- Crest Height: 0.0000 ft.
- Nominal ice thickness of 2.0000 in.
- Ice thickness is considered to increase with height.
- Ice density of 56.00 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.
- TOWER RATING: 89.4%.
- A non-linear (P-delta) analysis was used.
- Pressures are calculated at each section.
- Stress ratio used in pole design is 1.
- Tower analysis based on target reliabilities in accordance with Annex S.
- Load Modification Factors used:  $K_{es}(F_w) = 0.95$ ,  $K_{es}(t_i) = 0.85$ .
- Maximum demand-capacity ratio is: 1.05.
- Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

## Options

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Consider Moments - Legs</li> <li>Consider Moments - Horizontals</li> <li>Consider Moments - Diagonals</li> <li>Use Moment Magnification</li> <li>√ Use Code Stress Ratios</li> <li>√ Use Code Safety Factors - Guys</li> <li>Escalate Ice</li> <li>Always Use Max Kz</li> <li>Use Special Wind Profile</li> <li>Include Bolts In Member Capacity</li> <li>Leg Bolts Are At Top Of Section</li> <li>Secondary Horizontal Braces Leg</li> <li>Use Diamond Inner Bracing (4 Sided)</li> <li>SR Members Have Cut Ends</li> <li>SR Members Are Concentric</li> </ul> | <ul style="list-style-type: none"> <li>Distribute Leg Loads As Uniform</li> <li>Assume Legs Pinned</li> <li>√ Assume Rigid Index Plate</li> <li>√ Use Clear Spans For Wind Area</li> <li>Use Clear Spans For KL/r</li> <li>Retension Guys To Initial Tension</li> <li>√ Bypass Mast Stability Checks</li> <li>√ Use Azimuth Dish Coefficients</li> <li>√ Project Wind Area of Appurt.</li> <li>Autocalc Torque Arm Areas</li> <li>Add IBC .6D+W Combination</li> <li>√ Sort Capacity Reports By Component</li> <li>Triangulate Diamond Inner Bracing</li> <li>Treat Feed Line Bundles As Cylinder</li> <li>Ignore KL/ry For 60 Deg. Angle Legs</li> </ul> | <ul style="list-style-type: none"> <li>Use ASCE 10 X-Brace Ly Rules</li> <li>Calculate Redundant Bracing Forces</li> <li>Ignore Redundant Members in FEA</li> <li>SR Leg Bolts Resist Compression</li> <li>All Leg Panels Have Same Allowable</li> <li>Offset Girt At Foundation</li> <li>√ Consider Feed Line Torque</li> <li>Include Angle Block Shear Check</li> <li>Use TIA-222-H Bracing Resist. Exemption</li> <li>Use TIA-222-H Tension Splice Exemption</li> <li style="text-align: center;">Poles</li> <li>√ Include Shear-Torsion Interaction</li> <li>Always Use Sub-Critical Flow</li> <li>Use Top Mounted Sockets</li> <li>Pole Without Linear Attachments</li> <li>Pole With Shroud Or No Appurtenances</li> <li>Outside and Inside Corner Radii Are Known</li> </ul> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b> HRT 100 943239 (BU 806376)	<b>Page</b> 2 of 59
	<b>Project</b> TEP No. 25677.537063	<b>Date</b> 17:00:52 05/06/21
	<b>Client</b> Crown Castle	<b>Designed by</b> tmlester

## Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	130.0000-125.000	5.0000	0.00	12	10.5250	11.7750	0.1875	0.7500	A572-65 (65 ksi)
L2	125.0000-120.000	5.0000	0.00	12	11.7750	13.0250	0.1875	0.7500	A572-65 (65 ksi)
L3	120.0000-115.000	5.0000	0.00	12	13.0250	14.2750	0.1875	0.7500	A572-65 (65 ksi)
L4	115.0000-110.000	5.0000	0.00	12	14.2750	15.5250	0.1875	0.7500	A572-65 (65 ksi)
L5	110.0000-105.000	5.0000	0.00	12	15.5250	16.7757	0.2500	1.0000	A572-65 (65 ksi)
L6	105.0000-100.000	5.0000	0.00	12	16.7757	18.0265	0.2500	1.0000	A572-65 (65 ksi)
L7	100.0000-95.000	5.0000	0.00	12	18.0265	19.2772	0.2500	1.0000	A572-65 (65 ksi)
L8	95.0000-90.000	5.0000	0.00	12	19.2772	20.5280	0.2500	1.0000	A572-65 (65 ksi)
L9	90.0000-89.750	0.2500	0.00	12	20.5280	20.5905	0.5000	2.0000	A572-65 (65 ksi)
L10	89.7500-84.750	5.0000	0.00	12	20.5905	21.8413	0.4813	1.9250	A572-65 (65 ksi)
L11	84.7500-84.580	0.1700	0.00	12	21.8413	21.8838	0.4750	1.9000	A572-65 (65 ksi)
L12	84.5800-84.330	0.2500	0.00	12	21.8838	21.9464	0.6375	2.5500	A572-65 (65 ksi)
L13	84.3300-83.420	0.9100	0.00	12	21.9464	22.1740	0.6250	2.5000	A572-65 (65 ksi)
L14	83.4200-83.170	0.2500	0.00	12	22.1740	22.2365	0.9500	3.8000	A572-65 (65 ksi)
L15	83.1700-83.000	0.1700	0.00	12	22.2365	22.2791	0.9500	3.8000	A572-65 (65 ksi)
L16	83.0000-82.750	0.2500	0.00	12	22.2791	22.3416	0.7000	2.8000	A572-65 (65 ksi)
L17	82.7500-77.750	5.0000	0.00	12	22.3416	23.5923	0.6625	2.6500	A572-65 (65 ksi)
L18	77.7500-70.000	7.7500	4.00	12	23.5923	25.5310	0.6500	2.6000	A572-65 (65 ksi)
L19	70.0000-69.000	5.0000	0.00	12	24.0304	25.2810	0.7000	2.8000	A572-65 (65 ksi)
L20	69.0000-67.080	1.9200	0.00	12	25.2810	25.7612	0.6875	2.7500	A572-65 (65 ksi)
L21	67.0800-66.830	0.2500	0.00	12	25.7612	25.8237	0.6875	2.7500	A572-65 (65 ksi)
L22	66.8300-64.080	2.7500	0.00	12	25.8237	26.5115	0.6750	2.7000	A572-65 (65 ksi)
L23	64.0800-63.830	0.2500	0.00	12	26.5115	26.5741	0.7375	2.9500	A572-65 (65 ksi)
L24	63.8300-62.500	1.3300	0.00	12	26.5741	26.9067	0.7375	2.9500	A572-65 (65 ksi)
L25	62.5000-62.250	0.2500	0.00	12	26.9067	26.9693	0.8625	3.4500	A572-65 (65 ksi)
L26	62.2500-57.250	5.0000	0.00	12	26.9693	28.2198	0.8375	3.3500	A572-65 (65 ksi)
L27	57.2500-53.500	3.7500	0.00	12	28.2198	29.1578	0.8125	3.2500	A572-65 (65 ksi)
L28	53.5000-53.250	0.2500	0.00	12	29.1578	29.2203	0.8375	3.3500	A572-65 (65 ksi)
L29	53.2500-52.580	0.6700	0.00	12	29.2203	29.3879	0.8250	3.3000	A572-65 (65 ksi)

**tnxTower****Tower Engineering  
Professionals, Inc.**326 Tryon Road  
Raleigh, NC 27603  
Phone: (919) 661-6351  
FAX: (919) 661-6350**Job**

HRT 100 943239 (BU 806376)

**Page**

3 of 59

**Project**

TEP No. 25677.537063

**Date**

17:00:52 05/06/21

**Client**

Crown Castle

**Designed by**

tmlester

Section	Elevation	Section Length	Splice Length	Number of Sides	Top Diameter	Bottom Diameter	Wall Thickness	Bend Radius	Pole Grade
	ft	ft	ft		in	in	in	in	
L30	52.5800-52.3300	0.2500	0.00	12	29.3879	29.4504	0.8375	3.3500	A572-65 (65 ksi)
L31	52.3300-47.3300	5.0000	0.00	12	29.4504	30.7010	0.8125	3.2500	A572-65 (65 ksi)
L32	47.3300-44.5800	2.7500	0.00	12	30.7010	31.3888	0.8000	3.2000	A572-65 (65 ksi)
L33	44.5800-44.3300	0.2500	0.00	12	31.3888	31.4513	0.8000	3.2000	A572-65 (65 ksi)
L34	44.3300-41.9200	2.4100	0.00	12	31.4513	32.0541	0.7875	3.1500	A572-65 (65 ksi)
L35	41.9200-41.6700	0.2500	0.00	12	32.0541	32.1166	0.8125	3.2500	A572-65 (65 ksi)
L36	41.6700-34.0800	7.5900	4.92	12	32.1166	34.0150	0.8125	3.2500	A572-65 (65 ksi)
L37	34.0800-34.0000	5.0000	0.00	12	32.1594	33.4082	0.8313	3.3250	A572-65 (65 ksi)
L38	34.0000-29.0000	5.0000	0.00	12	33.4082	34.6570	0.8063	3.2250	A572-65 (65 ksi)
L39	29.0000-26.9200	2.0800	0.00	12	34.6570	35.1765	0.7937	3.1750	A572-65 (65 ksi)
L40	26.9200-26.6700	0.2500	0.00	12	35.1765	35.2390	0.8688	3.4750	A572-65 (65 ksi)
L41	26.6700-21.6700	5.0000	0.00	12	35.2390	36.4877	0.8562	3.4250	A572-65 (65 ksi)
L42	21.6700-18.0000	3.6700	0.00	12	36.4877	37.4044	0.8438	3.3750	A572-65 (65 ksi)
L43	18.0000-17.7500	0.2500	0.00	12	37.4044	37.4668	0.9938	3.9750	A572-65 (65 ksi)
L44	17.7500-17.5000	0.2500	0.00	12	37.4668	37.5292	0.9938	3.9750	A572-65 (65 ksi)
L45	17.5000-17.2500	0.2500	0.00	12	37.5292	37.5917	0.9938	3.9750	A572-65 (65 ksi)
L46	17.2500-17.0800	0.1700	0.00	12	37.5917	37.6341	0.9938	3.9750	A572-65 (65 ksi)
L47	17.0800-16.8300	0.2500	0.00	12	37.6341	37.6966	0.8938	3.5750	A572-65 (65 ksi)
L48	16.8300-13.0000	3.8300	0.00	12	37.6966	38.6531	0.8812	3.5250	A572-65 (65 ksi)
L49	13.0000-12.7500	0.2500	0.00	12	38.6531	38.7156	1.0438	4.1750	A572-65 (65 ksi)
L50	12.7500-11.9200	0.8300	0.00	12	38.7156	38.9229	1.0438	4.1750	A572-65 (65 ksi)
L51	11.9200-11.6700	0.2500	0.00	12	38.9229	38.9853	0.8187	3.2750	A572-65 (65 ksi)
L52	11.6700-6.6700	5.0000	0.00	12	38.9853	40.2341	0.7937	3.1750	A572-65 (65 ksi)
L53	6.6700-6.5000	0.1700	0.00	12	40.2341	40.2766	0.7937	3.1750	A572-65 (65 ksi)
L54	6.5000-6.2500	0.2500	0.00	12	40.2766	40.3390	0.9187	3.6750	A572-65 (65 ksi)
L55	6.2500-3.7500	2.5000	0.00	12	40.3390	40.9634	0.9187	3.6750	A572-65 (65 ksi)
L56	3.7500-3.5000	0.2500	0.00	12	40.9634	41.0258	0.9938	3.9750	A572-65 (65 ksi)
L57	3.5000-3.0000	0.5000	0.00	12	41.0258	41.1507	0.9938	3.9750	A572-65 (65 ksi)
L58	3.0000-2.7500	0.2500	0.00	12	41.1507	41.2132	0.9437	3.7750	A572-65 (65 ksi)
L59	2.7500-0.0000	2.7500		12	41.2132	41.9000	1.0438	4.1750	A572-65 (65 ksi)

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b>	HRT 100 943239 (BU 806376)	<b>Page</b>	4 of 59
	<b>Project</b>	TEP No. 25677.537063	<b>Date</b>	17:00:52 05/06/21
	<b>Client</b>	Crown Castle	<b>Designed by</b>	tmlster

## Tapered Pole Properties

Section	Tip Dia. in	Area in <sup>2</sup>	I in <sup>4</sup>	r in	C in	I/C in <sup>3</sup>	J in <sup>4</sup>	Iu/Q in <sup>2</sup>	w in	w/t
L1	10.8301	6.2413	85.1314	3.7008	5.4520	15.6148	172.4993	3.0718	2.3182	12.364
	12.1242	6.9960	119.8981	4.1483	6.0995	19.6572	242.9461	3.4432	2.6532	14.15
L2	12.1242	6.9960	119.8981	4.1483	6.0995	19.6572	242.9461	3.4432	2.6532	14.15
	13.4183	7.7506	163.0364	4.5958	6.7470	24.1645	330.3559	3.8146	2.9882	15.937
L3	13.4183	7.7506	163.0364	4.5958	6.7470	24.1645	330.3559	3.8146	2.9882	15.937
	14.7124	8.5053	215.4492	5.0433	7.3945	29.1366	436.5585	4.1861	3.3232	17.724
L4	14.7124	8.5053	215.4492	5.0433	7.3945	29.1366	436.5585	4.1861	3.3232	17.724
	16.0065	9.2600	278.0397	5.4908	8.0419	34.5737	563.3838	4.5575	3.6582	19.51
L5	15.9845	12.2964	366.2060	5.4684	8.0419	45.5370	742.0327	6.0519	3.4907	13.963
	17.2793	13.3032	463.7302	5.9162	8.6898	53.3646	939.6431	6.5474	3.8259	15.304
L6	17.2793	13.3032	463.7302	5.9162	8.6898	53.3646	939.6431	6.5474	3.8259	15.304
	18.5742	14.3101	577.1924	6.3640	9.3377	61.8129	1169.5483	7.0430	4.1611	16.644
L7	18.5742	14.3101	577.1924	6.3640	9.3377	61.8129	1169.5483	7.0430	4.1611	16.644
	19.8691	15.3169	707.7989	6.8118	9.9856	70.8819	1434.1925	7.5385	4.4963	17.985
L8	19.8691	15.3169	707.7989	6.8118	9.9856	70.8819	1434.1925	7.5385	4.4963	17.985
	21.1640	16.3238	856.7561	7.2595	10.6335	80.5714	1736.0201	8.0341	4.8315	19.326
L9	21.0758	32.2451	1650.9145	7.1700	10.6335	155.2559	3345.2003	15.8700	4.1615	8.323
	21.1405	32.3458	1666.4279	7.1924	10.6659	156.2389	3376.6347	15.9196	4.1783	8.357
L10	21.1471	31.1619	1608.4318	7.1991	10.6659	150.8013	3259.1189	15.3369	4.2285	8.787
	22.4420	33.1000	1927.6076	7.6469	11.3138	170.3769	3905.8556	16.2908	4.5637	9.483
L11	22.4442	32.6797	1904.2443	7.6491	11.3138	168.3118	3858.5152	16.0840	4.5805	9.643
	22.4882	32.7448	1915.6369	7.6644	11.3358	168.9898	3881.5997	16.1160	4.5919	9.667
L12	22.4309	43.6134	2512.8857	7.6062	11.3358	221.6767	5091.7877	21.4652	4.1564	6.52
	22.4956	43.7417	2535.1409	7.6286	11.3682	223.0027	5136.8829	21.5284	4.1731	6.546
L13	22.5001	42.9092	2489.8088	7.6330	11.3682	219.0150	5045.0277	21.1186	4.2066	6.731
	22.7357	43.3673	2570.4101	7.7145	11.4861	223.7839	5208.3477	21.3441	4.2676	6.828
L14	22.6211	64.9242	3732.8999	7.5982	11.4861	324.9921	7563.8672	31.9537	3.3966	3.575
	22.6858	65.1155	3765.9950	7.6206	11.5185	326.9513	7630.9268	32.0479	3.4134	3.593
L15	22.6858	65.1155	3765.9950	7.6206	11.5185	326.9513	7630.9268	32.0479	3.4134	3.593
	22.7298	65.2456	3788.6105	7.6358	11.5405	328.2869	7676.7521	32.1119	3.4248	3.605
L16	22.8180	48.6392	2890.9250	7.7253	11.5405	250.5015	5857.7978	23.9387	4.0948	5.85
	22.8828	48.7801	2916.1320	7.7477	11.5729	251.9784	5908.8740	24.0081	4.1115	5.874
L17	22.8960	46.2469	2774.2824	7.7611	11.5729	239.7214	5621.4483	22.7613	4.2120	6.358
	24.1909	48.9151	3282.6956	8.2089	12.2208	268.6148	6651.6312	24.0745	4.5472	6.864
L18	24.1953	48.0183	3226.0281	8.2134	12.2208	263.9778	6536.8075	23.6332	4.5807	7.047
	26.2023	52.0759	4114.8942	8.9074	13.2251	311.1438	8337.8912	25.6302	5.1003	7.847
L19	25.6669	52.5867	3653.4773	8.3523	12.4477	293.5051	7402.9356	25.8816	4.5641	6.52
	25.9259	55.4055	4273.0427	8.8000	13.0955	326.2974	8658.3429	27.2689	4.8993	6.999
L20	25.9303	54.4438	4203.1440	8.8045	13.0955	320.9598	8516.7093	26.7956	4.9328	7.175
	26.4274	55.5069	4454.1993	8.9764	13.3443	333.7904	9025.4154	27.3188	5.0615	7.362
L21	26.4274	55.5069	4454.1993	8.9764	13.3443	333.7904	9025.4154	27.3188	5.0615	7.362
	26.4922	55.6453	4487.6062	8.9988	13.3767	335.4796	9093.1069	27.3869	5.0783	7.387
L22	26.4966	54.6608	4412.5899	9.0032	13.3767	329.8716	8941.1034	26.9024	5.1118	7.573
	27.2087	56.1557	4784.6349	9.2495	13.7330	348.4047	9694.9675	27.6381	5.2961	7.846
L23	27.1866	61.2069	5189.8104	9.2271	13.7330	377.9086	10515.9629	30.1242	5.1286	6.954
	27.2513	61.3554	5227.6743	9.2495	13.7654	379.7700	10592.6854	30.1973	5.1454	6.977
L24	27.2513	61.3554	5227.6743	9.2495	13.7654	379.7700	10592.6854	30.1973	5.1454	6.977
	27.5957	62.1454	5432.2085	9.3686	13.9377	389.7497	11007.1272	30.5861	5.2345	7.098
L25	27.5516	72.3313	6262.3198	9.3238	13.9377	449.3085	12689.1577	35.5993	4.8995	5.681
	27.6164	72.5050	6307.5334	9.3462	13.9701	451.5032	12780.7726	35.6847	4.9163	5.7
L26	27.6252	70.4708	6142.3183	9.3552	13.9701	439.6769	12446.0022	34.6836	4.9833	5.95
	28.9199	73.8433	7067.0447	9.8029	14.6179	483.4524	14319.7485	36.3434	5.3184	6.35
L27	28.9287	71.7044	6874.8841	9.8118	14.6179	470.3068	13930.3790	35.2907	5.3854	6.628
	29.8997	74.1583	7605.1296	10.1476	15.1037	503.5269	15410.0544	36.4985	5.6368	6.938
L28	29.8909	76.3727	7818.4099	10.1387	15.1037	517.6479	15842.2182	37.5883	5.5698	6.65











<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b>	HRT 100 943239 (BU 806376)	<b>Page</b>	9 of 59
	<b>Project</b>	TEP No. 25677.537063	<b>Date</b>	17:00:52 05/06/21
	<b>Client</b>	Crown Castle	<b>Designed by</b>	tmlester

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

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight plf
Climbing Ladder (Round)	C	No	Surface Ar (CaAa)	0.0000 - 0.0000	1	1	0.000 0.000	2.5000		5.00
Safety Line 3/8	C	No	Surface Ar (CaAa)	0.0000 - 0.0000	1	1	0.000 0.000	0.3750		0.22
***										
2" Flexible Conduit	B	No	Surface Ar (CaAa)	121.0000 - 0.0000	4	4	0.250 0.250	2.0000		0.34
LDF6-50A(1-1/4)	B	No	Surface Ar (CaAa)	121.0000 - 0.0000	6	3	0.500 0.500	1.5500		0.60
***										
2" Flexible Conduit	A	No	Surface Ar (CaAa)	97.0000 - 0.0000	2	2	-0.250 -0.250	2.0000		0.34
***										
LCF114-50J(1-1/4)	B	No	Surface Ar (CaAa)	87.0000 - 0.0000	6	5	0.000 0.000	1.5800		0.70
HCS 6X12 4AWG(1-5/8)	B	No	Surface Ar (CaAa)	87.0000 - 0.0000	3	2	-0.250 -0.250	1.6600		2.40
HCS 6X12 6AWG(1-3/8")	B	No	Surface Ar (CaAa)	87.0000 - 0.0000	1	1	0.000 0.000	1.3800		1.70
*****										
PL 0.75x4	A	No	Surface Af (CaAa)	45.8300 - 15.8300	1	1	0.000 0.000	4.0000	9.5000	0.00
PL 0.75x4	B	No	Surface Af (CaAa)	45.8300 - 15.8300	1	1	0.000 0.000	4.0000	9.5000	0.00
PL 0.75x4	C	No	Surface Af (CaAa)	45.8300 - 15.8300	1	1	0.000 0.000	4.0000	9.5000	0.00
PL 0.75x4	A	No	Surface Af (CaAa)	68.2500 - 43.2500	1	1	0.250 0.250	4.0000	9.5000	0.00
PL 0.75x4	B	No	Surface Af (CaAa)	68.2500 - 43.2500	1	1	0.250 0.250	4.0000	9.5000	0.00
PL 0.75x4	C	No	Surface Af (CaAa)	68.2500 - 43.2500	1	1	0.250 0.250	4.0000	9.5000	0.00
PL 0.75x4	A	No	Surface Af (CaAa)	85.8300 - 65.8300	1	1	0.000 0.000	4.0000	9.5000	0.00
PL 0.75x4	B	No	Surface Af (CaAa)	85.8300 - 65.8300	1	1	0.000 0.000	4.0000	9.5000	0.00
PL 0.75x4	C	No	Surface Af (CaAa)	85.8300 - 65.8300	1	1	0.000 0.000	4.0000	9.5000	0.00
**										
(Area) CCI-65FP-060100 (H)	A	No	Surface Af (CaAa)	15.5000 - 0.0000	1	1	0.000 0.000	6.0000	14.0000	0.00
(Area) CCI-65FP-060100 (H)	B	No	Surface Af (CaAa)	15.5000 - 0.0000	1	1	0.000 0.000	6.0000	14.0000	0.00
(Area) CCI-65FP-060100 (H)	C	No	Surface Af (CaAa)	15.5000 - 0.0000	1	1	0.000 0.000	6.0000	14.0000	0.00
*										
(Area) CCI-65FP-060100 (H)	B	No	Surface Af (CaAa)	20.7500 - 9.4200	1	1	0.500 0.500	6.0000	14.0000	0.00
(Area) CCI-65FP-060100 (H)	A	No	Surface Af (CaAa)	20.7500 - 9.4200	1	1	0.250 0.250	6.0000	14.0000	0.00
(Area) CCI-65FP-060100 (H)	C	No	Surface Af (CaAa)	20.7500 - 9.4200	1	1	0.250 0.250	6.0000	14.0000	0.00
(Area) CCI-65FP-060100 (H)	B	No	Surface Af (CaAa)	44.4200 - 20.7500	1	1	0.500 0.500	6.0000	14.0000	0.00
(Area) CCI-65FP-060100 (H)	A	No	Surface Af	29.4200 -	1	1	0.250	6.0000	14.0000	0.00

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b>	HRT 100 943239 (BU 806376)	<b>Page</b>	10 of 59
	<b>Project</b>	TEP No. 25677.537063	<b>Date</b>	17:00:52 05/06/21
	<b>Client</b>	Crown Castle	<b>Designed by</b>	tmlester

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight plf
(H)			(CaAa)	20.7500			0.250			
(Area) CCI-65FP-060100	C	No	Surface Af	29.4200 -	1	1	0.250	6.0000	14.0000	0.00
(H)			(CaAa)	20.7500			0.250			
**										
(Area) CCI-65FP-060100	A	No	Surface Af	56.0000 -	1	1	0.500	6.0000	14.0000	0.00
(H)			(CaAa)	21.0000			0.500			
(Area) CCI-65FP-060100	C	No	Surface Af	56.0000 -	1	1	0.500	6.0000	14.0000	0.00
(H)			(CaAa)	21.0000			0.500			
**										
(Area) CCI-65FP-045100	A	No	Surface Af	66.0800 -	1	1	0.500	4.5000	11.0000	0.00
(H)			(CaAa)	56.0000			0.500			
(Area) CCI-65FP-045100	C	No	Surface Af	66.0800 -	1	1	0.500	4.5000	11.0000	0.00
(H)			(CaAa)	56.0000			0.500			
(Area) CCI-65FP-045100	B	No	Surface Af	64.5000 -	1	1	0.500	4.5000	11.0000	0.00
(H)			(CaAa)	44.5000			0.500			
**										
(Area) CCI-65FP-045100	A	No	Surface Af	91.5000 -	1	1	0.500	4.5000	11.0000	0.00
(H)			(CaAa)	81.5000			0.500			
(Area) CCI-65FP-045100	B	No	Surface Af	91.5000 -	1	1	0.500	4.5000	11.0000	0.00
(H)			(CaAa)	81.5000			0.500			
(Area) CCI-65FP-045100	C	No	Surface Af	91.5000 -	1	1	0.500	4.5000	11.0000	0.00
(H)			(CaAa)	81.5000			0.500			
**										
(Area) CCI-65FP-065125	A	No	Surface Af	9.2500 -	1	1	0.250	6.5000	15.5000	0.00
(H)			(CaAa)	0.0000			0.250			
(Area) CCI-65FP-065125	B	No	Surface Af	20.7500 -	1	1	0.250	6.5000	15.5000	0.00
(H)			(CaAa)	0.0000			0.250			
(Area) CCI-65FP-065125	A	No	Surface Af	20.7500 -	1	1	0.500	6.5000	15.5000	0.00
(H)			(CaAa)	0.0000			0.500			
(Area) CCI-65FP-065125	C	No	Surface Af	20.7500 -	1	1	0.500	6.5000	15.5000	0.00
(H)			(CaAa)	0.0000			0.500			
*****										
(Area) CCI-65FP-060100	A	No	Surface Af	20.0000 -	1	1	-0.250	6.0000	14.0000	0.00
(H)			(CaAa)	0.0000			-0.250			
(Area) CCI-65FP-060100	B	No	Surface Af	20.0000 -	1	1	-0.250	6.0000	14.0000	0.00
(H)			(CaAa)	0.0000			-0.250			
(Area) CCI-65FP-060100	C	No	Surface Af	20.0000 -	1	1	-0.250	6.0000	14.0000	0.00
(H)			(CaAa)	0.0000			-0.250			
(Area) CCI-65FP-060100	A	No	Surface Af	55.0800 -	1	1	-0.250	6.0000	14.0000	0.00
(H)			(CaAa)	20.0000			-0.250			
(Area) CCI-65FP-060100	B	No	Surface Af	55.0800 -	1	1	-0.250	6.0000	14.0000	0.00
(H)			(CaAa)	20.0000			-0.250			
(Area) CCI-65FP-060100	C	No	Surface Af	55.0800 -	1	1	-0.250	6.0000	14.0000	0.00
(H)			(CaAa)	20.0000			-0.250			
(Area) CCI-65FP-045125	A	No	Surface Af	85.1700 -	1	1	-0.250	4.5000	11.5000	0.00
(H)			(CaAa)	55.0800			-0.250			
(Area) CCI-65FP-045125	B	No	Surface Af	85.1700 -	1	1	-0.250	4.5000	11.5000	0.00
(H)			(CaAa)	55.0800			-0.250			
(Area) CCI-65FP-045125	C	No	Surface Af	85.1700 -	1	1	-0.250	4.5000	11.5000	0.00
(H)			(CaAa)	55.0800			-0.250			
**										
**										
**										

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

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b> HRT 100 943239 (BU 806376)	<b>Page</b> 11 of 59
	<b>Project</b> TEP No. 25677.537063	<b>Date</b> 17:00:52 05/06/21
	<b>Client</b> Crown Castle	<b>Designed by</b> tmlester

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C <sub>AA</sub> ft <sup>2</sup> /ft	Weight plf
FB-L98B-002-75000 (3/8)	B	No	No	Inside Pole	121.0000 - 0.0000	2	No Ice	0.0000	0.06
							1/2" Ice	0.0000	0.06
							1" Ice	0.0000	0.06
							2" Ice	0.0000	0.06
WR-VG86ST-BRD(3/4)	B	No	No	Inside Pole	121.0000 - 0.0000	8	No Ice	0.0000	0.58
							1/2" Ice	0.0000	0.58
							1" Ice	0.0000	0.58
							2" Ice	0.0000	0.58
***									
HB158-U12S24-160-LI(1-7/8)	B	No	No	Inside Pole	109.0000 - 0.0000	2	No Ice	0.0000	3.20
							1/2" Ice	0.0000	3.20
							1" Ice	0.0000	3.20
							2" Ice	0.0000	3.20
ATCB-B01-005(5/16)	A	No	No	Inside Pole	97.0000 - 0.0000	3	No Ice	0.0000	0.07
							1/2" Ice	0.0000	0.07
							1" Ice	0.0000	0.07
							2" Ice	0.0000	0.07
FSJ4-50B(1/2)	A	No	No	Inside Pole	97.0000 - 0.0000	3	No Ice	0.0000	0.14
							1/2" Ice	0.0000	0.14
							1" Ice	0.0000	0.14
							2" Ice	0.0000	0.14
HB158-21U6S24-xx M_TMO(1-5/8)	C	No	No	Inside Pole	97.0000 - 0.0000	3	No Ice	0.0000	2.50
							1/2" Ice	0.0000	2.50
							1" Ice	0.0000	2.50
							2" Ice	0.0000	2.50
***									
***									

### Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A <sub>R</sub> ft <sup>2</sup>	A <sub>F</sub> ft <sup>2</sup>	C <sub>AA</sub> In Face ft <sup>2</sup>	C <sub>AA</sub> Out Face ft <sup>2</sup>	Weight K
L1	130.0000-125.0000 0	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.00
L2	125.0000-120.0000 0	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	1.265	0.000	0.01
		C	0.000	0.000	0.000	0.000	0.00
L3	120.0000-115.0000 0	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	6.325	0.000	0.05
		C	0.000	0.000	0.000	0.000	0.00
L4	115.0000-110.0000 0	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	6.325	0.000	0.05
		C	0.000	0.000	0.000	0.000	0.00
L5	110.0000-105.0000 0	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	6.325	0.000	0.07
		C	0.000	0.000	0.000	0.000	0.00
L6	105.0000-100.0000 0	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	6.325	0.000	0.08
		C	0.000	0.000	0.000	0.000	0.00
L7	100.0000-95.0000	A	0.000	0.000	0.800	0.000	0.00
		B	0.000	0.000	6.325	0.000	0.08
		C	0.000	0.000	0.000	0.000	0.01

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b> HRT 100 943239 (BU 806376)	<b>Page</b> 12 of 59
	<b>Project</b> TEP No. 25677.537063	<b>Date</b> 17:00:52 05/06/21
	<b>Client</b> Crown Castle	<b>Designed by</b> tmlester

Tower Section	Tower Elevation ft	Face	A <sub>R</sub> ft <sup>2</sup>	A <sub>F</sub> ft <sup>2</sup>	C <sub>AA</sub> In Face ft <sup>2</sup>	C <sub>AA</sub> Out Face ft <sup>2</sup>	Weight K
L8	95.0000-90.0000	A	0.000	0.000	3.125	0.000	0.01
		B	0.000	0.000	7.450	0.000	0.08
		C	0.000	0.000	1.125	0.000	0.04
L9	90.0000-89.7500	A	0.000	0.000	0.287	0.000	0.00
		B	0.000	0.000	0.504	0.000	0.00
		C	0.000	0.000	0.188	0.000	0.00
L10	89.7500-84.7500	A	0.000	0.000	6.785	0.000	0.01
		B	0.000	0.000	13.945	0.000	0.11
		C	0.000	0.000	4.785	0.000	0.04
L11	84.7500-84.5800	A	0.000	0.000	0.436	0.000	0.00
		B	0.000	0.000	0.798	0.000	0.00
		C	0.000	0.000	0.368	0.000	0.00
L12	84.5800-84.3300	A	0.000	0.000	0.642	0.000	0.00
		B	0.000	0.000	1.173	0.000	0.01
		C	0.000	0.000	0.542	0.000	0.00
L13	84.3300-83.4200	A	0.000	0.000	2.336	0.000	0.00
		B	0.000	0.000	4.269	0.000	0.03
		C	0.000	0.000	1.972	0.000	0.01
L14	83.4200-83.1700	A	0.000	0.000	0.642	0.000	0.00
		B	0.000	0.000	1.173	0.000	0.01
		C	0.000	0.000	0.542	0.000	0.00
L15	83.1700-83.0000	A	0.000	0.000	0.436	0.000	0.00
		B	0.000	0.000	0.798	0.000	0.00
		C	0.000	0.000	0.368	0.000	0.00
L16	83.0000-82.7500	A	0.000	0.000	0.642	0.000	0.00
		B	0.000	0.000	1.173	0.000	0.01
		C	0.000	0.000	0.542	0.000	0.00
L17	82.7500-77.7500	A	0.000	0.000	10.021	0.000	0.01
		B	0.000	0.000	20.646	0.000	0.15
		C	0.000	0.000	8.021	0.000	0.04
L18	77.7500-70.0000	A	0.000	0.000	14.079	0.000	0.01
		B	0.000	0.000	30.548	0.000	0.23
		C	0.000	0.000	10.979	0.000	0.06
L19	70.0000-69.0000	A	0.000	0.000	1.817	0.000	0.00
		B	0.000	0.000	3.942	0.000	0.03
		C	0.000	0.000	1.417	0.000	0.01
L20	69.0000-67.0800	A	0.000	0.000	4.268	0.000	0.00
		B	0.000	0.000	8.348	0.000	0.06
		C	0.000	0.000	3.500	0.000	0.01
L21	67.0800-66.8300	A	0.000	0.000	0.621	0.000	0.00
		B	0.000	0.000	1.152	0.000	0.01
		C	0.000	0.000	0.521	0.000	0.00
L22	66.8300-64.0800	A	0.000	0.000	7.163	0.000	0.00
		B	0.000	0.000	11.821	0.000	0.08
		C	0.000	0.000	6.063	0.000	0.02
L23	64.0800-63.8300	A	0.000	0.000	0.642	0.000	0.00
		B	0.000	0.000	1.173	0.000	0.01
		C	0.000	0.000	0.542	0.000	0.00
L24	63.8300-62.5000	A	0.000	0.000	3.414	0.000	0.00
		B	0.000	0.000	6.240	0.000	0.04
		C	0.000	0.000	2.882	0.000	0.01
L25	62.5000-62.2500	A	0.000	0.000	0.642	0.000	0.00
		B	0.000	0.000	1.173	0.000	0.01
		C	0.000	0.000	0.542	0.000	0.00
L26	62.2500-57.2500	A	0.000	0.000	12.833	0.000	0.01
		B	0.000	0.000	23.458	0.000	0.15
		C	0.000	0.000	10.833	0.000	0.04
L27	57.2500-53.5000	A	0.000	0.000	10.645	0.000	0.00
		B	0.000	0.000	17.989	0.000	0.11
		C	0.000	0.000	9.145	0.000	0.03
L28	53.5000-53.2500	A	0.000	0.000	0.767	0.000	0.00



<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b> HRT 100 943239 (BU 806376)	<b>Page</b> 13 of 59
	<b>Project</b> TEP No. 25677.537063	<b>Date</b> 17:00:52 05/06/21
	<b>Client</b> Crown Castle	<b>Designed by</b> tmlester

Tower Section	Tower Elevation ft	Face	A <sub>R</sub> ft <sup>2</sup>	A <sub>F</sub> ft <sup>2</sup>	C <sub>AA</sub> In Face ft <sup>2</sup>	C <sub>AA</sub> Out Face ft <sup>2</sup>	Weight K
		B	0.000	0.000	1.235	0.000	0.01
		C	0.000	0.000	0.667	0.000	0.00
L29	53.2500-52.5800	A	0.000	0.000	2.055	0.000	0.00
		B	0.000	0.000	3.311	0.000	0.02
		C	0.000	0.000	1.787	0.000	0.01
L30	52.5800-52.3300	A	0.000	0.000	0.767	0.000	0.00
		B	0.000	0.000	1.235	0.000	0.01
		C	0.000	0.000	0.667	0.000	0.00
L31	52.3300-47.3300	A	0.000	0.000	15.333	0.000	0.01
		B	0.000	0.000	24.708	0.000	0.15
		C	0.000	0.000	13.333	0.000	0.04
L32	47.3300-44.5800	A	0.000	0.000	9.267	0.000	0.00
		B	0.000	0.000	14.423	0.000	0.08
		C	0.000	0.000	8.167	0.000	0.02
L33	44.5800-44.3300	A	0.000	0.000	0.933	0.000	0.00
		B	0.000	0.000	1.365	0.000	0.01
		C	0.000	0.000	0.833	0.000	0.00
L34	44.3300-41.9200	A	0.000	0.000	8.111	0.000	0.00
		B	0.000	0.000	13.232	0.000	0.07
		C	0.000	0.000	7.147	0.000	0.02
L35	41.9200-41.6700	A	0.000	0.000	0.767	0.000	0.00
		B	0.000	0.000	1.298	0.000	0.01
		C	0.000	0.000	0.667	0.000	0.00
L36	41.6700-34.0800	A	0.000	0.000	23.276	0.000	0.01
		B	0.000	0.000	39.405	0.000	0.22
		C	0.000	0.000	20.240	0.000	0.06
L37	34.0800-34.0000	A	0.000	0.000	0.245	0.000	0.00
		B	0.000	0.000	0.415	0.000	0.00
		C	0.000	0.000	0.213	0.000	0.00
L38	34.0000-29.0000	A	0.000	0.000	15.698	0.000	0.01
		B	0.000	0.000	25.958	0.000	0.15
		C	0.000	0.000	13.698	0.000	0.04
L39	29.0000-26.9200	A	0.000	0.000	8.185	0.000	0.00
		B	0.000	0.000	10.799	0.000	0.06
		C	0.000	0.000	7.353	0.000	0.02
L40	26.9200-26.6700	A	0.000	0.000	0.984	0.000	0.00
		B	0.000	0.000	1.298	0.000	0.01
		C	0.000	0.000	0.884	0.000	0.00
L41	26.6700-21.6700	A	0.000	0.000	19.675	0.000	0.01
		B	0.000	0.000	25.958	0.000	0.15
		C	0.000	0.000	17.675	0.000	0.04
L42	21.6700-18.0000	A	0.000	0.000	14.661	0.000	0.00
		B	0.000	0.000	21.911	0.000	0.11
		C	0.000	0.000	13.193	0.000	0.03
L43	18.0000-17.7500	A	0.000	0.000	1.026	0.000	0.00
		B	0.000	0.000	1.558	0.000	0.01
		C	0.000	0.000	0.926	0.000	0.00
L44	17.7500-17.5000	A	0.000	0.000	1.026	0.000	0.00
		B	0.000	0.000	1.558	0.000	0.01
		C	0.000	0.000	0.926	0.000	0.00
L45	17.5000-17.2500	A	0.000	0.000	1.026	0.000	0.00
		B	0.000	0.000	1.558	0.000	0.01
		C	0.000	0.000	0.926	0.000	0.00
L46	17.2500-17.0800	A	0.000	0.000	0.698	0.000	0.00
		B	0.000	0.000	1.059	0.000	0.00
		C	0.000	0.000	0.630	0.000	0.00
L47	17.0800-16.8300	A	0.000	0.000	1.026	0.000	0.00
		B	0.000	0.000	1.558	0.000	0.01
		C	0.000	0.000	0.926	0.000	0.00
L48	16.8300-13.0000	A	0.000	0.000	16.339	0.000	0.01
		B	0.000	0.000	24.478	0.000	0.11

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b>	HRT 100 943239 (BU 806376)	<b>Page</b>	14 of 59
	<b>Project</b>	TEP No. 25677.537063	<b>Date</b>	17:00:52 05/06/21
	<b>Client</b>	Crown Castle	<b>Designed by</b>	tmlester

Tower Section	Tower Elevation ft	Face	A <sub>R</sub> ft <sup>2</sup>	A <sub>F</sub> ft <sup>2</sup>	C <sub>AA</sub> In Face ft <sup>2</sup>	C <sub>AA</sub> Out Face ft <sup>2</sup>	Weight K
L49	13.0000-12.7500	C	0.000	0.000	14.807	0.000	0.03
		A	0.000	0.000	1.110	0.000	0.00
		B	0.000	0.000	1.641	0.000	0.01
L50	12.7500-11.9200	C	0.000	0.000	1.010	0.000	0.00
		A	0.000	0.000	3.685	0.000	0.00
		B	0.000	0.000	5.448	0.000	0.02
L51	11.9200-11.6700	C	0.000	0.000	3.353	0.000	0.01
		A	0.000	0.000	1.110	0.000	0.00
		B	0.000	0.000	1.641	0.000	0.01
L52	11.6700-6.6700	C	0.000	0.000	1.010	0.000	0.00
		A	0.000	0.000	21.979	0.000	0.01
		B	0.000	0.000	30.192	0.000	0.15
L53	6.6700-6.5000	C	0.000	0.000	17.567	0.000	0.04
		A	0.000	0.000	0.751	0.000	0.00
		B	0.000	0.000	0.953	0.000	0.00
L54	6.5000-6.2500	C	0.000	0.000	0.524	0.000	0.00
		A	0.000	0.000	1.105	0.000	0.00
		B	0.000	0.000	1.402	0.000	0.01
L55	6.2500-3.7500	C	0.000	0.000	0.771	0.000	0.00
		A	0.000	0.000	11.045	0.000	0.00
		B	0.000	0.000	14.021	0.000	0.07
L56	3.7500-3.5000	C	0.000	0.000	7.708	0.000	0.02
		A	0.000	0.000	1.105	0.000	0.00
		B	0.000	0.000	1.402	0.000	0.01
L57	3.5000-3.0000	C	0.000	0.000	0.771	0.000	0.00
		A	0.000	0.000	2.209	0.000	0.00
		B	0.000	0.000	2.804	0.000	0.01
L58	3.0000-2.7500	C	0.000	0.000	1.542	0.000	0.00
		A	0.000	0.000	1.105	0.000	0.00
		B	0.000	0.000	1.402	0.000	0.01
L59	2.7500-0.0000	C	0.000	0.000	0.771	0.000	0.00
		A	0.000	0.000	12.150	0.000	0.00
		B	0.000	0.000	15.423	0.000	0.08
		C	0.000	0.000	8.479	0.000	0.02

**Feed Line/Linear Appurtenances Section Areas - With Ice**

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A <sub>R</sub> ft <sup>2</sup>	A <sub>F</sub> ft <sup>2</sup>	C <sub>AA</sub> In Face ft <sup>2</sup>	C <sub>AA</sub> Out Face ft <sup>2</sup>	Weight K
L1	130.0000-125.0000 0	A	1.946	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	0.00
L2	125.0000-120.0000 0	A	1.938	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	2.550	0.000	0.05
		C		0.000	0.000	0.000	0.000	0.00
L3	120.0000-115.0000 0	A	1.930	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	12.732	0.000	0.23
		C		0.000	0.000	0.000	0.000	0.00
L4	115.0000-110.0000 0	A	1.922	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	12.711	0.000	0.23
		C		0.000	0.000	0.000	0.000	0.00
L5	110.0000-105.0000 0	A	1.913	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	12.689	0.000	0.25
		C		0.000	0.000	0.000	0.000	0.00
L6	105.0000-100.0000 0	A	1.904	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	12.666	0.000	0.26
		C		0.000	0.000	0.000	0.000	0.00

<b><i>tnxTower</i></b>  <b><i>Tower Engineering Professionals, Inc.</i></b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b>	HRT 100 943239 (BU 806376)	<b>Page</b>	15 of 59
	<b>Project</b>	TEP No. 25677.537063	<b>Date</b>	17:00:52 05/06/21
	<b>Client</b>	Crown Castle	<b>Designed by</b>	tmlester

<i>Tower Section</i>	<i>Tower Elevation ft</i>	<i>Face or Leg</i>	<i>Ice Thickness in</i>	<i>A<sub>R</sub> ft<sup>2</sup></i>	<i>A<sub>F</sub> ft<sup>2</sup></i>	<i>C<sub>AA</sub> In Face ft<sup>2</sup></i>	<i>C<sub>AA</sub> Out Face ft<sup>2</sup></i>	<i>Weight K</i>
L7	100.0000-95.0000	A	1.894	0.000	0.000	1.947	0.000	0.03
		B		0.000	0.000	12.642	0.000	0.25
		C		0.000	0.000	0.000	0.000	0.01
L8	95.0000-90.0000	A	1.885	0.000	0.000	6.293	0.000	0.09
		B		0.000	0.000	14.055	0.000	0.27
		C		0.000	0.000	1.437	0.000	0.06
L9	90.0000-89.7500	A	1.879	0.000	0.000	0.482	0.000	0.01
		B		0.000	0.000	0.870	0.000	0.02
		C		0.000	0.000	0.239	0.000	0.01
L10	89.7500-84.7500	A	1.874	0.000	0.000	11.224	0.000	0.15
		B		0.000	0.000	25.389	0.000	0.46
		C		0.000	0.000	6.382	0.000	0.12
L11	84.7500-84.5800	A	1.868	0.000	0.000	0.695	0.000	0.01
		B		0.000	0.000	1.442	0.000	0.02
		C		0.000	0.000	0.530	0.000	0.01
L12	84.5800-84.3300	A	1.867	0.000	0.000	1.022	0.000	0.01
		B		0.000	0.000	2.121	0.000	0.04
		C		0.000	0.000	0.780	0.000	0.01
L13	84.3300-83.4200	A	1.866	0.000	0.000	3.718	0.000	0.05
		B		0.000	0.000	7.717	0.000	0.13
		C		0.000	0.000	2.839	0.000	0.04
L14	83.4200-83.1700	A	1.865	0.000	0.000	1.021	0.000	0.01
		B		0.000	0.000	2.120	0.000	0.04
		C		0.000	0.000	0.780	0.000	0.01
L15	83.1700-83.0000	A	1.864	0.000	0.000	0.694	0.000	0.01
		B		0.000	0.000	1.441	0.000	0.02
		C		0.000	0.000	0.530	0.000	0.01
L16	83.0000-82.7500	A	1.864	0.000	0.000	1.021	0.000	0.01
		B		0.000	0.000	2.119	0.000	0.04
		C		0.000	0.000	0.780	0.000	0.01
L17	82.7500-77.7500	A	1.858	0.000	0.000	16.816	0.000	0.21
		B		0.000	0.000	38.750	0.000	0.66
		C		0.000	0.000	11.993	0.000	0.18
L18	77.7500-70.0000	A	1.843	0.000	0.000	24.136	0.000	0.30
		B		0.000	0.000	58.020	0.000	0.99
		C		0.000	0.000	16.691	0.000	0.25
L19	70.0000-69.0000	A	1.831	0.000	0.000	3.114	0.000	0.04
		B		0.000	0.000	7.486	0.000	0.13
		C		0.000	0.000	2.154	0.000	0.03
L20	69.0000-67.0800	A	1.828	0.000	0.000	7.168	0.000	0.09
		B		0.000	0.000	15.536	0.000	0.26
		C		0.000	0.000	5.331	0.000	0.08
L21	67.0800-66.8300	A	1.825	0.000	0.000	1.034	0.000	0.01
		B		0.000	0.000	2.122	0.000	0.03
		C		0.000	0.000	0.795	0.000	0.01
L22	66.8300-64.0800	A	1.820	0.000	0.000	11.464	0.000	0.14
		B		0.000	0.000	21.989	0.000	0.36
		C		0.000	0.000	8.837	0.000	0.13
L23	64.0800-63.8300	A	1.816	0.000	0.000	1.013	0.000	0.01
		B		0.000	0.000	2.139	0.000	0.03
		C		0.000	0.000	0.774	0.000	0.01
L24	63.8300-62.5000	A	1.814	0.000	0.000	5.385	0.000	0.07
		B		0.000	0.000	11.376	0.000	0.18
		C		0.000	0.000	4.117	0.000	0.06
L25	62.5000-62.2500	A	1.812	0.000	0.000	1.012	0.000	0.01
		B		0.000	0.000	2.137	0.000	0.03
		C		0.000	0.000	0.774	0.000	0.01
L26	62.2500-57.2500	A	1.804	0.000	0.000	20.208	0.000	0.25
		B		0.000	0.000	42.677	0.000	0.69
		C		0.000	0.000	15.453	0.000	0.22
L27	57.2500-53.5000	A	1.790	0.000	0.000	16.530	0.000	0.19

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b>	HRT 100 943239 (BU 806376)	<b>Page</b>	16 of 59
	<b>Project</b>	TEP No. 25677.537063	<b>Date</b>	17:00:52 05/06/21
	<b>Client</b>	Crown Castle	<b>Designed by</b>	tmlester

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A <sub>R</sub> ft <sup>2</sup>	A <sub>F</sub> ft <sup>2</sup>	C <sub>AA</sub> In Face ft <sup>2</sup>	C <sub>AA</sub> Out Face ft <sup>2</sup>	Weight K
		B		0.000	0.000	32.311	0.000	0.51
		C		0.000	0.000	12.977	0.000	0.17
L28	53.5000-53.2500	A	1.784	0.000	0.000	1.171	0.000	0.01
		B		0.000	0.000	2.187	0.000	0.03
		C		0.000	0.000	0.934	0.000	0.01
L29	53.2500-52.5800	A	1.782	0.000	0.000	3.137	0.000	0.04
		B		0.000	0.000	5.860	0.000	0.09
		C		0.000	0.000	2.503	0.000	0.03
L30	52.5800-52.3300	A	1.781	0.000	0.000	1.170	0.000	0.01
		B		0.000	0.000	2.186	0.000	0.03
		C		0.000	0.000	0.934	0.000	0.01
L31	52.3300-47.3300	A	1.771	0.000	0.000	23.362	0.000	0.26
		B		0.000	0.000	43.635	0.000	0.68
		C		0.000	0.000	18.648	0.000	0.24
L32	47.3300-44.5800	A	1.757	0.000	0.000	14.088	0.000	0.16
		B		0.000	0.000	25.202	0.000	0.39
		C		0.000	0.000	11.505	0.000	0.14
L33	44.5800-44.3300	A	1.751	0.000	0.000	1.418	0.000	0.02
		B		0.000	0.000	2.361	0.000	0.04
		C		0.000	0.000	1.184	0.000	0.01
L34	44.3300-41.9200	A	1.746	0.000	0.000	12.306	0.000	0.14
		B		0.000	0.000	22.622	0.000	0.34
		C		0.000	0.000	10.049	0.000	0.12
L35	41.9200-41.6700	A	1.741	0.000	0.000	1.162	0.000	0.01
		B		0.000	0.000	2.230	0.000	0.03
		C		0.000	0.000	0.928	0.000	0.01
L36	41.6700-34.0800	A	1.723	0.000	0.000	35.154	0.000	0.38
		B		0.000	0.000	67.479	0.000	1.02
		C		0.000	0.000	28.088	0.000	0.35
L37	34.0800-34.0000	A	1.705	0.000	0.000	0.371	0.000	0.00
		B		0.000	0.000	0.711	0.000	0.01
		C		0.000	0.000	0.296	0.000	0.00
L38	34.0000-29.0000	A	1.692	0.000	0.000	23.465	0.000	0.25
		B		0.000	0.000	44.170	0.000	0.66
		C		0.000	0.000	18.850	0.000	0.23
L39	29.0000-26.9200	A	1.672	0.000	0.000	11.720	0.000	0.13
		B		0.000	0.000	18.300	0.000	0.27
		C		0.000	0.000	9.810	0.000	0.12
L40	26.9200-26.6700	A	1.665	0.000	0.000	1.407	0.000	0.02
		B		0.000	0.000	2.196	0.000	0.03
		C		0.000	0.000	1.178	0.000	0.01
L41	26.6700-21.6700	A	1.648	0.000	0.000	28.056	0.000	0.30
		B		0.000	0.000	43.772	0.000	0.64
		C		0.000	0.000	23.497	0.000	0.28
L42	21.6700-18.0000	A	1.616	0.000	0.000	20.613	0.000	0.22
		B		0.000	0.000	35.241	0.000	0.50
		C		0.000	0.000	17.296	0.000	0.20
L43	18.0000-17.7500	A	1.599	0.000	0.000	1.433	0.000	0.01
		B		0.000	0.000	2.468	0.000	0.03
		C		0.000	0.000	1.208	0.000	0.01
L44	17.7500-17.5000	A	1.597	0.000	0.000	1.433	0.000	0.01
		B		0.000	0.000	2.467	0.000	0.03
		C		0.000	0.000	1.208	0.000	0.01
L45	17.5000-17.2500	A	1.594	0.000	0.000	1.432	0.000	0.01
		B		0.000	0.000	2.466	0.000	0.03
		C		0.000	0.000	1.208	0.000	0.01
L46	17.2500-17.0800	A	1.592	0.000	0.000	0.974	0.000	0.01
		B		0.000	0.000	1.676	0.000	0.02
		C		0.000	0.000	0.821	0.000	0.01
L47	17.0800-16.8300	A	1.590	0.000	0.000	1.431	0.000	0.01
		B		0.000	0.000	2.464	0.000	0.03

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b> HRT 100 943239 (BU 806376)	<b>Page</b> 17 of 59
	<b>Project</b> TEP No. 25677.537063	<b>Date</b> 17:00:52 05/06/21
	<b>Client</b> Crown Castle	<b>Designed by</b> tmlester

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A <sub>R</sub> ft <sup>2</sup>	A <sub>F</sub> ft <sup>2</sup>	C <sub>AA</sub> In Face ft <sup>2</sup>	C <sub>AA</sub> Out Face ft <sup>2</sup>	Weight K
L48	16.8300-13.0000	C		0.000	0.000	1.207	0.000	0.01
		A	1.570	0.000	0.000	22.214	0.000	0.23
		B		0.000	0.000	37.968	0.000	0.53
		C		0.000	0.000	18.796	0.000	0.21
L49	13.0000-12.7500	A	1.547	0.000	0.000	1.490	0.000	0.01
		B		0.000	0.000	2.513	0.000	0.03
		C		0.000	0.000	1.268	0.000	0.01
L50	12.7500-11.9200	A	1.541	0.000	0.000	4.942	0.000	0.05
		B		0.000	0.000	8.333	0.000	0.11
		C		0.000	0.000	4.208	0.000	0.05
L51	11.9200-11.6700	A	1.534	0.000	0.000	1.487	0.000	0.01
		B		0.000	0.000	2.507	0.000	0.03
		C		0.000	0.000	1.266	0.000	0.01
L52	11.6700-6.6700	A	1.495	0.000	0.000	29.344	0.000	0.29
		B		0.000	0.000	46.731	0.000	0.63
		C		0.000	0.000	22.149	0.000	0.24
L53	6.6700-6.5000	A	1.447	0.000	0.000	0.996	0.000	0.01
		B		0.000	0.000	1.490	0.000	0.02
		C		0.000	0.000	0.664	0.000	0.01
L54	6.5000-6.2500	A	1.442	0.000	0.000	1.463	0.000	0.01
		B		0.000	0.000	2.189	0.000	0.03
		C		0.000	0.000	0.976	0.000	0.01
L55	6.2500-3.7500	A	1.408	0.000	0.000	14.557	0.000	0.13
		B		0.000	0.000	21.739	0.000	0.29
		C		0.000	0.000	9.712	0.000	0.10
L56	3.7500-3.5000	A	1.363	0.000	0.000	1.446	0.000	0.01
		B		0.000	0.000	2.155	0.000	0.03
		C		0.000	0.000	0.966	0.000	0.01
L57	3.5000-3.0000	A	1.348	0.000	0.000	2.886	0.000	0.03
		B		0.000	0.000	4.298	0.000	0.06
		C		0.000	0.000	1.928	0.000	0.02
L58	3.0000-2.7500	A	1.332	0.000	0.000	1.440	0.000	0.01
		B		0.000	0.000	2.142	0.000	0.03
		C		0.000	0.000	0.962	0.000	0.01
L59	2.7500-0.0000	A	1.237	0.000	0.000	15.611	0.000	0.13
		B		0.000	0.000	23.115	0.000	0.28
		C		0.000	0.000	10.449	0.000	0.10

### Feed Line Center of Pressure

Section	Elevation ft	CP <sub>X</sub> in	CP <sub>Z</sub> in	CP <sub>X</sub> Ice in	CP <sub>Z</sub> Ice in
L1	130.0000-125.0000	0.0000	0.0000	0.0000	0.0000
L2	125.0000-120.0000	1.4527	0.2943	1.5011	0.3470
L3	120.0000-115.0000	3.6056	0.7289	3.3607	0.7750
L4	115.0000-110.0000	3.7183	0.7493	3.5426	0.8143
L5	110.0000-105.0000	3.8893	0.7816	3.7179	0.8521
L6	105.0000-100.0000	4.0505	0.8120	3.8842	0.8879
L7	100.0000-95.0000	3.2739	0.7555	3.0521	0.8314
L8	95.0000-90.0000	2.0521	0.6089	1.7945	0.6806
L9	90.0000-89.7500	1.5393	0.4564	1.4980	0.5676
L10	89.7500-84.7500	2.0447	-0.1834	2.0665	-0.2363
L11	84.7500-84.5800	1.8710	-0.5537	2.0123	-0.6966
L12	84.5800-84.3300	1.8750	-0.5548	2.0166	-0.6981
L13	84.3300-83.4200	1.8835	-0.5573	2.0270	-0.7016
L14	83.4200-83.1700	1.8940	-0.5604	2.0385	-0.7055

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b> HRT 100 943239 (BU 806376)	<b>Page</b> 18 of 59
	<b>Project</b> TEP No. 25677.537063	<b>Date</b> 17:00:52 05/06/21
	<b>Client</b> Crown Castle	<b>Designed by</b> tmlester

Section	Elevation	CP <sub>x</sub>	CP <sub>z</sub>	CP <sub>x</sub>	CP <sub>z</sub>
		in	in	Ice in	Ice in
L15	83.1700-83.0000	1.8971	-0.5613	2.0423	-0.7068
L16	83.0000-82.7500	1.8987	-0.5618	2.0452	-0.7078
L17	82.7500-77.7500	2.2609	-0.6687	2.3208	-0.8028
L18	77.7500-70.0000	2.4992	-0.7388	2.5359	-0.8762
L19	70.0000-69.0000	2.5379	-0.7501	2.5832	-0.8925
L20	69.0000-67.0800	2.2776	-0.6731	2.3767	-0.8204
L21	67.0800-66.8300	2.1420	-0.6329	2.2658	-0.7820
L22	66.8300-64.0800	1.9842	-1.3059	2.2091	-1.2413
L23	64.0800-63.8300	2.1392	-0.6320	2.3628	-0.6695
L24	63.8300-62.5000	2.1500	-0.6351	2.3765	-0.6733
L25	62.5000-62.2500	2.1616	-0.6385	2.3906	-0.6772
L26	62.2500-57.2500	2.1969	-0.6488	2.4356	-0.6897
L27	57.2500-53.5000	2.0694	-0.8881	2.3498	-0.9183
L28	53.5000-53.2500	1.9672	-0.9812	2.2787	-1.0168
L29	53.2500-52.5800	1.9725	-0.9839	2.2857	-1.0200
L30	52.5800-52.3300	1.9779	-0.9867	2.2927	-1.0232
L31	52.3300-47.3300	2.0081	-1.0023	2.3323	-1.0412
L32	47.3300-44.5800	1.9260	-0.9620	2.2592	-1.0091
L33	44.5800-44.3300	1.7673	-1.1191	2.1002	-1.1782
L34	44.3300-41.9200	2.0292	-0.5987	2.3396	-0.8034
L35	41.9200-41.6700	2.1731	-0.6411	2.4918	-0.8554
L36	41.6700-34.0800	2.2183	-0.6543	2.5504	-0.8746
L37	34.0800-34.0000	2.2336	-0.6588	2.5709	-0.8816
L38	34.0000-29.0000	2.1539	-0.7049	2.5236	-0.9171
L39	29.0000-26.9200	1.1005	-1.0770	1.7307	-1.1842
L40	26.9200-26.6700	1.1075	-1.0845	1.7410	-1.1920
L41	26.6700-21.6700	1.1232	-1.1012	1.7635	-1.2091
L42	21.6700-18.0000	1.8865	-0.7060	2.3969	-0.9711
L43	18.0000-17.7500	2.0789	-0.7085	2.5566	-0.9979
L44	17.7500-17.5000	2.0814	-0.7093	2.5597	-0.9990
L45	17.5000-17.2500	2.0839	-0.7101	2.5628	-1.0000
L46	17.2500-17.0800	2.0860	-0.7108	2.5655	-1.0009
L47	17.0800-16.8300	2.0876	-0.7114	2.5677	-1.0017
L48	16.8300-13.0000	2.0528	-0.6995	2.5666	-0.9999
L49	13.0000-12.7500	2.0165	-0.6871	2.5417	-0.9887
L50	12.7500-11.9200	2.0216	-0.6888	2.5477	-0.9906
L51	11.9200-11.6700	2.0258	-0.6903	2.5529	-0.9922
L52	11.6700-6.6700	2.5016	-1.8628	2.9563	-1.9230
L53	6.6700-6.5000	2.9299	-3.0146	3.3109	-2.8214
L54	6.5000-6.2500	2.9334	-3.0183	3.3143	-2.8248
L55	6.2500-3.7500	2.9539	-3.0398	3.3321	-2.8440
L56	3.7500-3.5000	2.9746	-3.0614	3.3488	-2.8633
L57	3.5000-3.0000	2.9802	-3.0673	3.3528	-2.8685
L58	3.0000-2.7500	2.9856	-3.0729	3.3564	-2.8734
L59	2.7500-0.0000	3.0082	-3.0965	3.3677	-2.8942

Note: For pole sections, center of pressure calculations do not consider feed line shielding.

### Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K <sub>a</sub> No Ice	K <sub>a</sub> Ice
L2	4	2" Flexible Conduit	120.00 - 121.00	1.0000	1.0000

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b> HRT 100 943239 (BU 806376)	<b>Page</b> 19 of 59
	<b>Project</b> TEP No. 25677.537063	<b>Date</b> 17:00:52 05/06/21
	<b>Client</b> Crown Castle	<b>Designed by</b> tmlester

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K <sub>a</sub> No Ice	K <sub>a</sub> Ice
L2	5	LDF6-50A(1-1/4)	120.00 - 121.00	1.0000	1.0000
L3	4	2" Flexible Conduit	115.00 - 120.00	1.0000	1.0000
L3	5	LDF6-50A(1-1/4)	115.00 - 120.00	1.0000	1.0000
L4	4	2" Flexible Conduit	110.00 - 115.00	1.0000	1.0000
L4	5	LDF6-50A(1-1/4)	110.00 - 115.00	1.0000	1.0000
L5	4	2" Flexible Conduit	105.00 - 110.00	1.0000	1.0000
L5	5	LDF6-50A(1-1/4)	105.00 - 110.00	1.0000	1.0000
L6	4	2" Flexible Conduit	100.00 - 105.00	1.0000	1.0000
L6	5	LDF6-50A(1-1/4)	100.00 - 105.00	1.0000	1.0000
L7	4	2" Flexible Conduit	95.00 - 100.00	1.0000	1.0000
L7	5	LDF6-50A(1-1/4)	95.00 - 100.00	1.0000	1.0000
L7	11	2" Flexible Conduit	95.00 - 97.00	1.0000	1.0000
L8	4	2" Flexible Conduit	90.00 - 95.00	1.0000	1.0000
L8	5	LDF6-50A(1-1/4)	90.00 - 95.00	1.0000	1.0000
L8	11	2" Flexible Conduit	90.00 - 95.00	1.0000	1.0000
L8	48	(Area) CCI-65FP-045100 (H)	90.00 - 91.50	1.0000	1.0000
L8	49	(Area) CCI-65FP-045100 (H)	90.00 - 91.50	1.0000	1.0000
L8	50	(Area) CCI-65FP-045100 (H)	90.00 - 91.50	1.0000	1.0000
L9	4	2" Flexible Conduit	89.75 - 90.00	1.0000	1.0000
L9	5	LDF6-50A(1-1/4)	89.75 - 90.00	1.0000	1.0000
L9	11	2" Flexible Conduit	89.75 - 90.00	1.0000	1.0000
L9	48	(Area) CCI-65FP-045100 (H)	89.75 - 90.00	1.0000	1.0000
L9	49	(Area) CCI-65FP-045100 (H)	89.75 - 90.00	1.0000	1.0000
L9	50	(Area) CCI-65FP-045100 (H)	89.75 - 90.00	1.0000	1.0000
L10	4	2" Flexible Conduit	84.75 - 89.75	1.0000	1.0000
L10	5	LDF6-50A(1-1/4)	84.75 - 89.75	1.0000	1.0000
L10	11	2" Flexible Conduit	84.75 - 89.75	1.0000	1.0000
L10	16	LCF114-50J(1-1/4)	84.75 - 87.00	1.0000	1.0000
L10	17	HCS 6X12 4AWG(1-5/8)	84.75 - 87.00	1.0000	1.0000
L10	18	HCS 6X12 6AWG(1-3/8")	84.75 - 87.00	1.0000	1.0000
L10	26	PL 0.75x4	84.75 - 85.83	1.0000	1.0000
L10	27	PL 0.75x4	84.75 - 85.83	1.0000	1.0000
L10	28	PL 0.75x4	84.75 - 85.83	1.0000	1.0000
L10	48	(Area) CCI-65FP-045100 (H)	84.75 - 89.75	1.0000	1.0000
L10	49	(Area) CCI-65FP-045100 (H)	84.75 - 89.75	1.0000	1.0000
L10	50	(Area) CCI-65FP-045100 (H)	84.75 - 89.75	1.0000	1.0000
L10	63	(Area) CCI-65FP-045125 (H)	84.75 - 85.17	1.0000	1.0000
L10	64	(Area) CCI-65FP-045125 (H)	84.75 - 85.17	1.0000	1.0000
L10	65	(Area) CCI-65FP-045125 (H)	84.75 - 85.17	1.0000	1.0000
L11	4	2" Flexible Conduit	84.58 - 84.75	1.0000	1.0000
L11	5	LDF6-50A(1-1/4)	84.58 - 84.75	1.0000	1.0000
L11	11	2" Flexible Conduit	84.58 - 84.75	1.0000	1.0000
L11	16	LCF114-50J(1-1/4)	84.58 - 84.75	1.0000	1.0000
L11	17	HCS 6X12 4AWG(1-5/8)	84.58 - 84.75	1.0000	1.0000
L11	18	HCS 6X12 6AWG(1-3/8")	84.58 - 84.75	1.0000	1.0000
L11	26	PL 0.75x4	84.58 - 84.75	1.0000	1.0000
L11	27	PL 0.75x4	84.58 - 84.75	1.0000	1.0000
L11	28	PL 0.75x4	84.58 - 84.75	1.0000	1.0000
L11	48	(Area) CCI-65FP-045100 (H)	84.58 - 84.75	1.0000	1.0000
L11	49	(Area) CCI-65FP-045100 (H)	84.58 - 84.75	1.0000	1.0000
L11	50	(Area) CCI-65FP-045100 (H)	84.58 - 84.75	1.0000	1.0000
L11	63	(Area) CCI-65FP-045125 (H)	84.58 - 84.75	1.0000	1.0000
L11	64	(Area) CCI-65FP-045125 (H)	84.58 - 84.75	1.0000	1.0000

<i>Tower Section</i>	<i>Feed Line Record No.</i>	<i>Description</i>	<i>Feed Line Segment Elev.</i>	<i>K<sub>a</sub> No Ice</i>	<i>K<sub>a</sub> Ice</i>
L11	65	(Area) CCI-65FP-045125 (H)	84.58 - 84.75	1.0000	1.0000
L12	4	2" Flexible Conduit	84.33 - 84.58	1.0000	1.0000
L12	5	LDF6-50A(1-1/4)	84.33 - 84.58	1.0000	1.0000
L12	11	2" Flexible Conduit	84.33 - 84.58	1.0000	1.0000
L12	16	LCF114-50J(1-1/4)	84.33 - 84.58	1.0000	1.0000
L12	17	HCS 6X12 4AWG(1-5/8)	84.33 - 84.58	1.0000	1.0000
L12	18	HCS 6X12 6AWG(1-3/8")	84.33 - 84.58	1.0000	1.0000
L12	26	PL 0.75x4	84.33 - 84.58	1.0000	1.0000
L12	27	PL 0.75x4	84.33 - 84.58	1.0000	1.0000
L12	28	PL 0.75x4	84.33 - 84.58	1.0000	1.0000
L12	48	(Area) CCI-65FP-045100 (H)	84.33 - 84.58	1.0000	1.0000
L12	49	(Area) CCI-65FP-045100 (H)	84.33 - 84.58	1.0000	1.0000
L12	50	(Area) CCI-65FP-045100 (H)	84.33 - 84.58	1.0000	1.0000
L12	63	(Area) CCI-65FP-045125 (H)	84.33 - 84.58	1.0000	1.0000
L12	64	(Area) CCI-65FP-045125 (H)	84.33 - 84.58	1.0000	1.0000
L12	65	(Area) CCI-65FP-045125 (H)	84.33 - 84.58	1.0000	1.0000
L13	4	2" Flexible Conduit	83.42 - 84.33	1.0000	1.0000
L13	5	LDF6-50A(1-1/4)	83.42 - 84.33	1.0000	1.0000
L13	11	2" Flexible Conduit	83.42 - 84.33	1.0000	1.0000
L13	16	LCF114-50J(1-1/4)	83.42 - 84.33	1.0000	1.0000
L13	17	HCS 6X12 4AWG(1-5/8)	83.42 - 84.33	1.0000	1.0000
L13	18	HCS 6X12 6AWG(1-3/8")	83.42 - 84.33	1.0000	1.0000
L13	26	PL 0.75x4	83.42 - 84.33	1.0000	1.0000
L13	27	PL 0.75x4	83.42 - 84.33	1.0000	1.0000
L13	28	PL 0.75x4	83.42 - 84.33	1.0000	1.0000
L13	48	(Area) CCI-65FP-045100 (H)	83.42 - 84.33	1.0000	1.0000
L13	49	(Area) CCI-65FP-045100 (H)	83.42 - 84.33	1.0000	1.0000
L13	50	(Area) CCI-65FP-045100 (H)	83.42 - 84.33	1.0000	1.0000
L13	63	(Area) CCI-65FP-045125 (H)	83.42 - 84.33	1.0000	1.0000
L13	64	(Area) CCI-65FP-045125 (H)	83.42 - 84.33	1.0000	1.0000
L13	65	(Area) CCI-65FP-045125 (H)	83.42 - 84.33	1.0000	1.0000
L14	4	2" Flexible Conduit	83.17 - 83.42	1.0000	1.0000
L14	5	LDF6-50A(1-1/4)	83.17 - 83.42	1.0000	1.0000
L14	11	2" Flexible Conduit	83.17 - 83.42	1.0000	1.0000
L14	16	LCF114-50J(1-1/4)	83.17 - 83.42	1.0000	1.0000
L14	17	HCS 6X12 4AWG(1-5/8)	83.17 - 83.42	1.0000	1.0000
L14	18	HCS 6X12 6AWG(1-3/8")	83.17 - 83.42	1.0000	1.0000
L14	26	PL 0.75x4	83.17 - 83.42	1.0000	1.0000
L14	27	PL 0.75x4	83.17 - 83.42	1.0000	1.0000
L14	28	PL 0.75x4	83.17 - 83.42	1.0000	1.0000
L14	48	(Area) CCI-65FP-045100 (H)	83.17 - 83.42	1.0000	1.0000
L14	49	(Area) CCI-65FP-045100 (H)	83.17 - 83.42	1.0000	1.0000
L14	50	(Area) CCI-65FP-045100 (H)	83.17 - 83.42	1.0000	1.0000
L14	63	(Area) CCI-65FP-045125 (H)	83.17 - 83.42	1.0000	1.0000
L14	64	(Area) CCI-65FP-045125 (H)	83.17 - 83.42	1.0000	1.0000
L14	65	(Area) CCI-65FP-045125 (H)	83.17 - 83.42	1.0000	1.0000
L15	4	2" Flexible Conduit	83.00 - 83.17	1.0000	1.0000
L15	5	LDF6-50A(1-1/4)	83.00 - 83.17	1.0000	1.0000
L15	11	2" Flexible Conduit	83.00 - 83.17	1.0000	1.0000
L15	16	LCF114-50J(1-1/4)	83.00 - 83.17	1.0000	1.0000
L15	17	HCS 6X12 4AWG(1-5/8)	83.00 - 83.17	1.0000	1.0000
L15	18	HCS 6X12 6AWG(1-3/8")	83.00 - 83.17	1.0000	1.0000
L15	26	PL 0.75x4	83.00 - 83.17	1.0000	1.0000
L15	27	PL 0.75x4	83.00 - 83.17	1.0000	1.0000
L15	28	PL 0.75x4	83.00 - 83.17	1.0000	1.0000
L15	48	(Area) CCI-65FP-045100 (H)	83.00 - 83.17	1.0000	1.0000
L15	49	(Area) CCI-65FP-045100 (H)	83.00 - 83.17	1.0000	1.0000
L15	50	(Area) CCI-65FP-045100 (H)	83.00 - 83.17	1.0000	1.0000
L15	63	(Area) CCI-65FP-045125 (H)	83.00 - 83.17	1.0000	1.0000
L15	64	(Area) CCI-65FP-045125 (H)	83.00 - 83.17	1.0000	1.0000
L15	65	(Area) CCI-65FP-045125 (H)	83.00 - 83.17	1.0000	1.0000
L16	4	2" Flexible Conduit	82.75 - 83.00	1.0000	1.0000



<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b> HRT 100 943239 (BU 806376)	<b>Page</b> 21 of 59
	<b>Project</b> TEP No. 25677.537063	<b>Date</b> 17:00:52 05/06/21
	<b>Client</b> Crown Castle	<b>Designed by</b> tmlester

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K <sub>a</sub> No Ice	K <sub>a</sub> Ice
L16	5	LDF6-50A(1-1/4)	82.75 - 83.00	1.0000	1.0000
L16	11	2" Flexible Conduit	82.75 - 83.00	1.0000	1.0000
L16	16	LCF114-50J(1-1/4)	82.75 - 83.00	1.0000	1.0000
L16	17	HCS 6X12 4AWG(1-5/8)	82.75 - 83.00	1.0000	1.0000
L16	18	HCS 6X12 6AWG(1-3/8")	82.75 - 83.00	1.0000	1.0000
L16	26	PL 0.75x4	82.75 - 83.00	1.0000	1.0000
L16	27	PL 0.75x4	82.75 - 83.00	1.0000	1.0000
L16	28	PL 0.75x4	82.75 - 83.00	1.0000	1.0000
L16	48	(Area) CCI-65FP-045100 (H)	82.75 - 83.00	1.0000	1.0000
L16	49	(Area) CCI-65FP-045100 (H)	82.75 - 83.00	1.0000	1.0000
L16	50	(Area) CCI-65FP-045100 (H)	82.75 - 83.00	1.0000	1.0000
L16	63	(Area) CCI-65FP-045125 (H)	82.75 - 83.00	1.0000	1.0000
L16	64	(Area) CCI-65FP-045125 (H)	82.75 - 83.00	1.0000	1.0000
L16	65	(Area) CCI-65FP-045125 (H)	82.75 - 83.00	1.0000	1.0000
L17	4	2" Flexible Conduit	77.75 - 82.75	1.0000	1.0000
L17	5	LDF6-50A(1-1/4)	77.75 - 82.75	1.0000	1.0000
L17	11	2" Flexible Conduit	77.75 - 82.75	1.0000	1.0000
L17	16	LCF114-50J(1-1/4)	77.75 - 82.75	1.0000	1.0000
L17	17	HCS 6X12 4AWG(1-5/8)	77.75 - 82.75	1.0000	1.0000
L17	18	HCS 6X12 6AWG(1-3/8")	77.75 - 82.75	1.0000	1.0000
L17	26	PL 0.75x4	77.75 - 82.75	1.0000	1.0000
L17	27	PL 0.75x4	77.75 - 82.75	1.0000	1.0000
L17	28	PL 0.75x4	77.75 - 82.75	1.0000	1.0000
L17	48	(Area) CCI-65FP-045100 (H)	81.50 - 82.75	1.0000	1.0000
L17	49	(Area) CCI-65FP-045100 (H)	81.50 - 82.75	1.0000	1.0000
L17	50	(Area) CCI-65FP-045100 (H)	81.50 - 82.75	1.0000	1.0000
L17	63	(Area) CCI-65FP-045125 (H)	77.75 - 82.75	1.0000	1.0000
L17	64	(Area) CCI-65FP-045125 (H)	77.75 - 82.75	1.0000	1.0000
L17	65	(Area) CCI-65FP-045125 (H)	77.75 - 82.75	1.0000	1.0000
L18	4	2" Flexible Conduit	70.00 - 77.75	1.0000	1.0000
L18	5	LDF6-50A(1-1/4)	70.00 - 77.75	1.0000	1.0000
L18	11	2" Flexible Conduit	70.00 - 77.75	1.0000	1.0000
L18	16	LCF114-50J(1-1/4)	70.00 - 77.75	1.0000	1.0000
L18	17	HCS 6X12 4AWG(1-5/8)	70.00 - 77.75	1.0000	1.0000
L18	18	HCS 6X12 6AWG(1-3/8")	70.00 - 77.75	1.0000	1.0000
L18	26	PL 0.75x4	70.00 - 77.75	1.0000	1.0000
L18	27	PL 0.75x4	70.00 - 77.75	1.0000	1.0000
L18	28	PL 0.75x4	70.00 - 77.75	1.0000	1.0000
L18	63	(Area) CCI-65FP-045125 (H)	70.00 - 77.75	1.0000	1.0000
L18	64	(Area) CCI-65FP-045125 (H)	70.00 - 77.75	1.0000	1.0000
L18	65	(Area) CCI-65FP-045125 (H)	70.00 - 77.75	1.0000	1.0000
L19	4	2" Flexible Conduit	69.00 - 70.00	1.0000	1.0000
L19	5	LDF6-50A(1-1/4)	69.00 - 70.00	1.0000	1.0000
L19	11	2" Flexible Conduit	69.00 - 70.00	1.0000	1.0000
L19	16	LCF114-50J(1-1/4)	69.00 - 70.00	1.0000	1.0000
L19	17	HCS 6X12 4AWG(1-5/8)	69.00 - 70.00	1.0000	1.0000
L19	18	HCS 6X12 6AWG(1-3/8")	69.00 - 70.00	1.0000	1.0000
L19	26	PL 0.75x4	69.00 - 70.00	1.0000	1.0000
L19	27	PL 0.75x4	69.00 - 70.00	1.0000	1.0000
L19	28	PL 0.75x4	69.00 - 70.00	1.0000	1.0000
L19	63	(Area) CCI-65FP-045125 (H)	69.00 - 70.00	1.0000	1.0000
L19	64	(Area) CCI-65FP-045125 (H)	69.00 - 70.00	1.0000	1.0000
L19	65	(Area) CCI-65FP-045125 (H)	69.00 - 70.00	1.0000	1.0000
L20	4	2" Flexible Conduit	67.08 - 69.00	1.0000	1.0000
L20	5	LDF6-50A(1-1/4)	67.08 - 69.00	1.0000	1.0000
L20	11	2" Flexible Conduit	67.08 - 69.00	1.0000	1.0000
L20	16	LCF114-50J(1-1/4)	67.08 - 69.00	1.0000	1.0000
L20	17	HCS 6X12 4AWG(1-5/8)	67.08 - 69.00	1.0000	1.0000
L20	18	HCS 6X12 6AWG(1-3/8")	67.08 - 69.00	1.0000	1.0000
L20	23	PL 0.75x4	67.08 - 68.25	1.0000	1.0000
L20	24	PL 0.75x4	67.08 - 68.25	1.0000	1.0000
L20	25	PL 0.75x4	67.08 - 68.25	1.0000	1.0000

# tnxTower

## Tower Engineering Professionals, Inc.

326 Tryon Road  
Raleigh, NC 27603  
Phone: (919) 661-6351  
FAX: (919) 661-6350

### Job

HRT 100 943239 (BU 806376)

### Page

22 of 59

### Project

TEP No. 25677.537063

### Date

17:00:52 05/06/21

### Client

Crown Castle

### Designed by

tmlester

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	$K_a$ No Ice	$K_a$ Ice
L20	26	PL 0.75x4	67.08 - 69.00	1.0000	1.0000
L20	27	PL 0.75x4	67.08 - 69.00	1.0000	1.0000
L20	28	PL 0.75x4	67.08 - 69.00	1.0000	1.0000
L20	63	(Area) CCI-65FP-045125 (H)	67.08 - 69.00	1.0000	1.0000
L20	64	(Area) CCI-65FP-045125 (H)	67.08 - 69.00	1.0000	1.0000
L20	65	(Area) CCI-65FP-045125 (H)	67.08 - 69.00	1.0000	1.0000
L21	4	2" Flexible Conduit	66.83 - 67.08	1.0000	1.0000
L21	5	LDF6-50A(1-1/4)	66.83 - 67.08	1.0000	1.0000
L21	11	2" Flexible Conduit	66.83 - 67.08	1.0000	1.0000
L21	16	LCF114-50J(1-1/4)	66.83 - 67.08	1.0000	1.0000
L21	17	HCS 6X12 4AWG(1-5/8)	66.83 - 67.08	1.0000	1.0000
L21	18	HCS 6X12 6AWG(1-3/8")	66.83 - 67.08	1.0000	1.0000
L21	23	PL 0.75x4	66.83 - 67.08	1.0000	1.0000
L21	24	PL 0.75x4	66.83 - 67.08	1.0000	1.0000
L21	25	PL 0.75x4	66.83 - 67.08	1.0000	1.0000
L21	26	PL 0.75x4	66.83 - 67.08	1.0000	1.0000
L21	27	PL 0.75x4	66.83 - 67.08	1.0000	1.0000
L21	28	PL 0.75x4	66.83 - 67.08	1.0000	1.0000
L21	63	(Area) CCI-65FP-045125 (H)	66.83 - 67.08	1.0000	1.0000
L21	64	(Area) CCI-65FP-045125 (H)	66.83 - 67.08	1.0000	1.0000
L21	65	(Area) CCI-65FP-045125 (H)	66.83 - 67.08	1.0000	1.0000
L22	4	2" Flexible Conduit	64.08 - 66.83	1.0000	1.0000
L22	5	LDF6-50A(1-1/4)	64.08 - 66.83	1.0000	1.0000
L22	11	2" Flexible Conduit	64.08 - 66.83	1.0000	1.0000
L22	16	LCF114-50J(1-1/4)	64.08 - 66.83	1.0000	1.0000
L22	17	HCS 6X12 4AWG(1-5/8)	64.08 - 66.83	1.0000	1.0000
L22	18	HCS 6X12 6AWG(1-3/8")	64.08 - 66.83	1.0000	1.0000
L22	23	PL 0.75x4	64.08 - 66.83	1.0000	1.0000
L22	24	PL 0.75x4	64.08 - 66.83	1.0000	1.0000
L22	25	PL 0.75x4	64.08 - 66.83	1.0000	1.0000
L22	26	PL 0.75x4	65.83 - 66.83	1.0000	1.0000
L22	27	PL 0.75x4	65.83 - 66.83	1.0000	1.0000
L22	28	PL 0.75x4	65.83 - 66.83	1.0000	1.0000
L22	44	(Area) CCI-65FP-045100 (H)	64.08 - 66.08	1.0000	1.0000
L22	45	(Area) CCI-65FP-045100 (H)	64.08 - 66.08	1.0000	1.0000
L22	46	(Area) CCI-65FP-045100 (H)	64.08 - 64.50	1.0000	1.0000
L22	63	(Area) CCI-65FP-045125 (H)	64.08 - 66.83	1.0000	1.0000
L22	64	(Area) CCI-65FP-045125 (H)	64.08 - 66.83	1.0000	1.0000
L22	65	(Area) CCI-65FP-045125 (H)	64.08 - 66.83	1.0000	1.0000
L23	4	2" Flexible Conduit	63.83 - 64.08	1.0000	1.0000
L23	5	LDF6-50A(1-1/4)	63.83 - 64.08	1.0000	1.0000
L23	11	2" Flexible Conduit	63.83 - 64.08	1.0000	1.0000
L23	16	LCF114-50J(1-1/4)	63.83 - 64.08	1.0000	1.0000
L23	17	HCS 6X12 4AWG(1-5/8)	63.83 - 64.08	1.0000	1.0000
L23	18	HCS 6X12 6AWG(1-3/8")	63.83 - 64.08	1.0000	1.0000
L23	23	PL 0.75x4	63.83 - 64.08	1.0000	1.0000
L23	24	PL 0.75x4	63.83 - 64.08	1.0000	1.0000
L23	25	PL 0.75x4	63.83 - 64.08	1.0000	1.0000
L23	44	(Area) CCI-65FP-045100 (H)	63.83 - 64.08	1.0000	1.0000
L23	45	(Area) CCI-65FP-045100 (H)	63.83 - 64.08	1.0000	1.0000
L23	46	(Area) CCI-65FP-045100 (H)	63.83 - 64.08	1.0000	1.0000
L23	63	(Area) CCI-65FP-045125 (H)	63.83 - 64.08	1.0000	1.0000
L23	64	(Area) CCI-65FP-045125 (H)	63.83 - 64.08	1.0000	1.0000
L23	65	(Area) CCI-65FP-045125 (H)	63.83 - 64.08	1.0000	1.0000
L24	4	2" Flexible Conduit	62.50 - 63.83	1.0000	1.0000
L24	5	LDF6-50A(1-1/4)	62.50 - 63.83	1.0000	1.0000
L24	11	2" Flexible Conduit	62.50 - 63.83	1.0000	1.0000
L24	16	LCF114-50J(1-1/4)	62.50 - 63.83	1.0000	1.0000
L24	17	HCS 6X12 4AWG(1-5/8)	62.50 - 63.83	1.0000	1.0000
L24	18	HCS 6X12 6AWG(1-3/8")	62.50 - 63.83	1.0000	1.0000
L24	23	PL 0.75x4	62.50 - 63.83	1.0000	1.0000
L24	24	PL 0.75x4	62.50 - 63.83	1.0000	1.0000

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b> HRT 100 943239 (BU 806376)	<b>Page</b> 23 of 59
	<b>Project</b> TEP No. 25677.537063	<b>Date</b> 17:00:52 05/06/21
	<b>Client</b> Crown Castle	<b>Designed by</b> tmlester

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K <sub>a</sub> No Ice	K <sub>a</sub> Ice
L24	25	PL 0.75x4	62.50 - 63.83	1.0000	1.0000
L24	44	(Area) CCI-65FP-045100 (H)	62.50 - 63.83	1.0000	1.0000
L24	45	(Area) CCI-65FP-045100 (H)	62.50 - 63.83	1.0000	1.0000
L24	46	(Area) CCI-65FP-045100 (H)	62.50 - 63.83	1.0000	1.0000
L24	63	(Area) CCI-65FP-045125 (H)	62.50 - 63.83	1.0000	1.0000
L24	64	(Area) CCI-65FP-045125 (H)	62.50 - 63.83	1.0000	1.0000
L24	65	(Area) CCI-65FP-045125 (H)	62.50 - 63.83	1.0000	1.0000
L25	4	2" Flexible Conduit	62.25 - 62.50	1.0000	1.0000
L25	5	LDF6-50A(1-1/4)	62.25 - 62.50	1.0000	1.0000
L25	11	2" Flexible Conduit	62.25 - 62.50	1.0000	1.0000
L25	16	LCF114-50J(1-1/4)	62.25 - 62.50	1.0000	1.0000
L25	17	HCS 6X12 4AWG(1-5/8)	62.25 - 62.50	1.0000	1.0000
L25	18	HCS 6X12 6AWG(1-3/8")	62.25 - 62.50	1.0000	1.0000
L25	23	PL 0.75x4	62.25 - 62.50	1.0000	1.0000
L25	24	PL 0.75x4	62.25 - 62.50	1.0000	1.0000
L25	25	PL 0.75x4	62.25 - 62.50	1.0000	1.0000
L25	44	(Area) CCI-65FP-045100 (H)	62.25 - 62.50	1.0000	1.0000
L25	45	(Area) CCI-65FP-045100 (H)	62.25 - 62.50	1.0000	1.0000
L25	46	(Area) CCI-65FP-045100 (H)	62.25 - 62.50	1.0000	1.0000
L25	63	(Area) CCI-65FP-045125 (H)	62.25 - 62.50	1.0000	1.0000
L25	64	(Area) CCI-65FP-045125 (H)	62.25 - 62.50	1.0000	1.0000
L25	65	(Area) CCI-65FP-045125 (H)	62.25 - 62.50	1.0000	1.0000
L26	4	2" Flexible Conduit	57.25 - 62.25	1.0000	1.0000
L26	5	LDF6-50A(1-1/4)	57.25 - 62.25	1.0000	1.0000
L26	11	2" Flexible Conduit	57.25 - 62.25	1.0000	1.0000
L26	16	LCF114-50J(1-1/4)	57.25 - 62.25	1.0000	1.0000
L26	17	HCS 6X12 4AWG(1-5/8)	57.25 - 62.25	1.0000	1.0000
L26	18	HCS 6X12 6AWG(1-3/8")	57.25 - 62.25	1.0000	1.0000
L26	23	PL 0.75x4	57.25 - 62.25	1.0000	1.0000
L26	24	PL 0.75x4	57.25 - 62.25	1.0000	1.0000
L26	25	PL 0.75x4	57.25 - 62.25	1.0000	1.0000
L26	44	(Area) CCI-65FP-045100 (H)	57.25 - 62.25	1.0000	1.0000
L26	45	(Area) CCI-65FP-045100 (H)	57.25 - 62.25	1.0000	1.0000
L26	46	(Area) CCI-65FP-045100 (H)	57.25 - 62.25	1.0000	1.0000
L26	63	(Area) CCI-65FP-045125 (H)	57.25 - 62.25	1.0000	1.0000
L26	64	(Area) CCI-65FP-045125 (H)	57.25 - 62.25	1.0000	1.0000
L26	65	(Area) CCI-65FP-045125 (H)	57.25 - 62.25	1.0000	1.0000
L27	4	2" Flexible Conduit	53.50 - 57.25	1.0000	1.0000
L27	5	LDF6-50A(1-1/4)	53.50 - 57.25	1.0000	1.0000
L27	11	2" Flexible Conduit	53.50 - 57.25	1.0000	1.0000
L27	16	LCF114-50J(1-1/4)	53.50 - 57.25	1.0000	1.0000
L27	17	HCS 6X12 4AWG(1-5/8)	53.50 - 57.25	1.0000	1.0000
L27	18	HCS 6X12 6AWG(1-3/8")	53.50 - 57.25	1.0000	1.0000
L27	23	PL 0.75x4	53.50 - 57.25	1.0000	1.0000
L27	24	PL 0.75x4	53.50 - 57.25	1.0000	1.0000
L27	25	PL 0.75x4	53.50 - 57.25	1.0000	1.0000
L27	41	(Area) CCI-65FP-060100 (H)	53.50 - 56.00	1.0000	1.0000
L27	42	(Area) CCI-65FP-060100 (H)	53.50 - 56.00	1.0000	1.0000
L27	44	(Area) CCI-65FP-045100 (H)	56.00 - 57.25	1.0000	1.0000
L27	45	(Area) CCI-65FP-045100 (H)	56.00 - 57.25	1.0000	1.0000
L27	46	(Area) CCI-65FP-045100 (H)	53.50 - 57.25	1.0000	1.0000
L27	60	(Area) CCI-65FP-060100 (H)	53.50 - 55.08	1.0000	1.0000
L27	61	(Area) CCI-65FP-060100 (H)	53.50 - 55.08	1.0000	1.0000
L27	62	(Area) CCI-65FP-060100 (H)	53.50 - 55.08	1.0000	1.0000
L27	63	(Area) CCI-65FP-045125 (H)	55.08 - 57.25	1.0000	1.0000
L27	64	(Area) CCI-65FP-045125 (H)	55.08 - 57.25	1.0000	1.0000
L27	65	(Area) CCI-65FP-045125 (H)	55.08 - 57.25	1.0000	1.0000
L28	4	2" Flexible Conduit	53.25 - 53.50	1.0000	1.0000
L28	5	LDF6-50A(1-1/4)	53.25 - 53.50	1.0000	1.0000
L28	11	2" Flexible Conduit	53.25 - 53.50	1.0000	1.0000
L28	16	LCF114-50J(1-1/4)	53.25 - 53.50	1.0000	1.0000
L28	17	HCS 6X12 4AWG(1-5/8)	53.25 - 53.50	1.0000	1.0000

<p><b>tnxTower</b></p> <p><i>Tower Engineering Professionals, Inc.</i></p> <p>326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350</p>	<p><b>Job</b></p> <p>HRT 100 943239 (BU 806376)</p>	<p><b>Page</b></p> <p>24 of 59</p>
	<p><b>Project</b></p> <p>TEP No. 25677.537063</p>	<p><b>Date</b></p> <p>17:00:52 05/06/21</p>
	<p><b>Client</b></p> <p>Crown Castle</p>	<p><b>Designed by</b></p> <p>tmlester</p>

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	$K_a$ No Ice	$K_a$ Ice
L28	18	HCS 6X12 6AWG(1-3/8")	53.25 - 53.50	1.0000	1.0000
L28	23	PL 0.75x4	53.25 - 53.50	1.0000	1.0000
L28	24	PL 0.75x4	53.25 - 53.50	1.0000	1.0000
L28	25	PL 0.75x4	53.25 - 53.50	1.0000	1.0000
L28	41	(Area) CCI-65FP-060100 (H)	53.25 - 53.50	1.0000	1.0000
L28	42	(Area) CCI-65FP-060100 (H)	53.25 - 53.50	1.0000	1.0000
L28	46	(Area) CCI-65FP-045100 (H)	53.25 - 53.50	1.0000	1.0000
L28	60	(Area) CCI-65FP-060100 (H)	53.25 - 53.50	1.0000	1.0000
L28	61	(Area) CCI-65FP-060100 (H)	53.25 - 53.50	1.0000	1.0000
L28	62	(Area) CCI-65FP-060100 (H)	53.25 - 53.50	1.0000	1.0000
L29	4	2" Flexible Conduit	52.58 - 53.25	1.0000	1.0000
L29	5	LDF6-50A(1-1/4)	52.58 - 53.25	1.0000	1.0000
L29	11	2" Flexible Conduit	52.58 - 53.25	1.0000	1.0000
L29	16	LCF1 14-50J(1-1/4)	52.58 - 53.25	1.0000	1.0000
L29	17	HCS 6X12 4AWG(1-5/8)	52.58 - 53.25	1.0000	1.0000
L29	18	HCS 6X12 6AWG(1-3/8")	52.58 - 53.25	1.0000	1.0000
L29	23	PL 0.75x4	52.58 - 53.25	1.0000	1.0000
L29	24	PL 0.75x4	52.58 - 53.25	1.0000	1.0000
L29	25	PL 0.75x4	52.58 - 53.25	1.0000	1.0000
L29	41	(Area) CCI-65FP-060100 (H)	52.58 - 53.25	1.0000	1.0000
L29	42	(Area) CCI-65FP-060100 (H)	52.58 - 53.25	1.0000	1.0000
L29	46	(Area) CCI-65FP-045100 (H)	52.58 - 53.25	1.0000	1.0000
L29	60	(Area) CCI-65FP-060100 (H)	52.58 - 53.25	1.0000	1.0000
L29	61	(Area) CCI-65FP-060100 (H)	52.58 - 53.25	1.0000	1.0000
L29	62	(Area) CCI-65FP-060100 (H)	52.58 - 53.25	1.0000	1.0000
L30	4	2" Flexible Conduit	52.33 - 52.58	1.0000	1.0000
L30	5	LDF6-50A(1-1/4)	52.33 - 52.58	1.0000	1.0000
L30	11	2" Flexible Conduit	52.33 - 52.58	1.0000	1.0000
L30	16	LCF1 14-50J(1-1/4)	52.33 - 52.58	1.0000	1.0000
L30	17	HCS 6X12 4AWG(1-5/8)	52.33 - 52.58	1.0000	1.0000
L30	18	HCS 6X12 6AWG(1-3/8")	52.33 - 52.58	1.0000	1.0000
L30	23	PL 0.75x4	52.33 - 52.58	1.0000	1.0000
L30	24	PL 0.75x4	52.33 - 52.58	1.0000	1.0000
L30	25	PL 0.75x4	52.33 - 52.58	1.0000	1.0000
L30	41	(Area) CCI-65FP-060100 (H)	52.33 - 52.58	1.0000	1.0000
L30	42	(Area) CCI-65FP-060100 (H)	52.33 - 52.58	1.0000	1.0000
L30	46	(Area) CCI-65FP-045100 (H)	52.33 - 52.58	1.0000	1.0000
L30	60	(Area) CCI-65FP-060100 (H)	52.33 - 52.58	1.0000	1.0000
L30	61	(Area) CCI-65FP-060100 (H)	52.33 - 52.58	1.0000	1.0000
L30	62	(Area) CCI-65FP-060100 (H)	52.33 - 52.58	1.0000	1.0000
L31	4	2" Flexible Conduit	47.33 - 52.33	1.0000	1.0000
L31	5	LDF6-50A(1-1/4)	47.33 - 52.33	1.0000	1.0000
L31	11	2" Flexible Conduit	47.33 - 52.33	1.0000	1.0000
L31	16	LCF1 14-50J(1-1/4)	47.33 - 52.33	1.0000	1.0000
L31	17	HCS 6X12 4AWG(1-5/8)	47.33 - 52.33	1.0000	1.0000
L31	18	HCS 6X12 6AWG(1-3/8")	47.33 - 52.33	1.0000	1.0000
L31	23	PL 0.75x4	47.33 - 52.33	1.0000	1.0000
L31	24	PL 0.75x4	47.33 - 52.33	1.0000	1.0000
L31	25	PL 0.75x4	47.33 - 52.33	1.0000	1.0000
L31	41	(Area) CCI-65FP-060100 (H)	47.33 - 52.33	1.0000	1.0000
L31	42	(Area) CCI-65FP-060100 (H)	47.33 - 52.33	1.0000	1.0000
L31	46	(Area) CCI-65FP-045100 (H)	47.33 - 52.33	1.0000	1.0000
L31	60	(Area) CCI-65FP-060100 (H)	47.33 - 52.33	1.0000	1.0000
L31	61	(Area) CCI-65FP-060100 (H)	47.33 - 52.33	1.0000	1.0000
L31	62	(Area) CCI-65FP-060100 (H)	47.33 - 52.33	1.0000	1.0000
L32	4	2" Flexible Conduit	44.58 - 47.33	1.0000	1.0000
L32	5	LDF6-50A(1-1/4)	44.58 - 47.33	1.0000	1.0000
L32	11	2" Flexible Conduit	44.58 - 47.33	1.0000	1.0000
L32	16	LCF1 14-50J(1-1/4)	44.58 - 47.33	1.0000	1.0000
L32	17	HCS 6X12 4AWG(1-5/8)	44.58 - 47.33	1.0000	1.0000
L32	18	HCS 6X12 6AWG(1-3/8")	44.58 - 47.33	1.0000	1.0000
L32	20	PL 0.75x4	44.58 - 45.83	1.0000	1.0000

<b>Job</b>	HRT 100 943239 (BU 806376)	<b>Page</b>	25 of 59
<b>Project</b>	TEP No. 25677.537063	<b>Date</b>	17:00:52 05/06/21
<b>Client</b>	Crown Castle	<b>Designed by</b>	tmlester

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K <sub>a</sub> No Ice	K <sub>a</sub> Ice
L32	21	PL 0.75x4	44.58 - 45.83	1.0000	1.0000
L32	22	PL 0.75x4	44.58 - 45.83	1.0000	1.0000
L32	23	PL 0.75x4	44.58 - 47.33	1.0000	1.0000
L32	24	PL 0.75x4	44.58 - 47.33	1.0000	1.0000
L32	25	PL 0.75x4	44.58 - 47.33	1.0000	1.0000
L32	41	(Area) CCI-65FP-060100 (H)	44.58 - 47.33	1.0000	1.0000
L32	42	(Area) CCI-65FP-060100 (H)	44.58 - 47.33	1.0000	1.0000
L32	46	(Area) CCI-65FP-045100 (H)	44.58 - 47.33	1.0000	1.0000
L32	60	(Area) CCI-65FP-060100 (H)	44.58 - 47.33	1.0000	1.0000
L32	61	(Area) CCI-65FP-060100 (H)	44.58 - 47.33	1.0000	1.0000
L32	62	(Area) CCI-65FP-060100 (H)	44.58 - 47.33	1.0000	1.0000
L33	4	2" Flexible Conduit	44.33 - 44.58	1.0000	1.0000
L33	5	LDF6-50A(1-1/4)	44.33 - 44.58	1.0000	1.0000
L33	11	2" Flexible Conduit	44.33 - 44.58	1.0000	1.0000
L33	16	LCF114-50J(1-1/4)	44.33 - 44.58	1.0000	1.0000
L33	17	HCS 6X12 4AWG(1-5/8)	44.33 - 44.58	1.0000	1.0000
L33	18	HCS 6X12 6AWG(1-3/8")	44.33 - 44.58	1.0000	1.0000
L33	20	PL 0.75x4	44.33 - 44.58	1.0000	1.0000
L33	21	PL 0.75x4	44.33 - 44.58	1.0000	1.0000
L33	22	PL 0.75x4	44.33 - 44.58	1.0000	1.0000
L33	23	PL 0.75x4	44.33 - 44.58	1.0000	1.0000
L33	24	PL 0.75x4	44.33 - 44.58	1.0000	1.0000
L33	25	PL 0.75x4	44.33 - 44.58	1.0000	1.0000
L33	37	(Area) CCI-65FP-060100 (H)	44.33 - 44.42	1.0000	1.0000
L33	41	(Area) CCI-65FP-060100 (H)	44.33 - 44.58	1.0000	1.0000
L33	42	(Area) CCI-65FP-060100 (H)	44.33 - 44.58	1.0000	1.0000
L33	46	(Area) CCI-65FP-045100 (H)	44.50 - 44.58	1.0000	1.0000
L33	60	(Area) CCI-65FP-060100 (H)	44.33 - 44.58	1.0000	1.0000
L33	61	(Area) CCI-65FP-060100 (H)	44.33 - 44.58	1.0000	1.0000
L33	62	(Area) CCI-65FP-060100 (H)	44.33 - 44.58	1.0000	1.0000
L34	4	2" Flexible Conduit	41.92 - 44.33	1.0000	1.0000
L34	5	LDF6-50A(1-1/4)	41.92 - 44.33	1.0000	1.0000
L34	11	2" Flexible Conduit	41.92 - 44.33	1.0000	1.0000
L34	16	LCF114-50J(1-1/4)	41.92 - 44.33	1.0000	1.0000
L34	17	HCS 6X12 4AWG(1-5/8)	41.92 - 44.33	1.0000	1.0000
L34	18	HCS 6X12 6AWG(1-3/8")	41.92 - 44.33	1.0000	1.0000
L34	20	PL 0.75x4	41.92 - 44.33	1.0000	1.0000
L34	21	PL 0.75x4	41.92 - 44.33	1.0000	1.0000
L34	22	PL 0.75x4	41.92 - 44.33	1.0000	1.0000
L34	23	PL 0.75x4	43.25 - 44.33	1.0000	1.0000
L34	24	PL 0.75x4	43.25 - 44.33	1.0000	1.0000
L34	25	PL 0.75x4	43.25 - 44.33	1.0000	1.0000
L34	37	(Area) CCI-65FP-060100 (H)	41.92 - 44.33	1.0000	1.0000
L34	41	(Area) CCI-65FP-060100 (H)	41.92 - 44.33	1.0000	1.0000
L34	42	(Area) CCI-65FP-060100 (H)	41.92 - 44.33	1.0000	1.0000
L34	60	(Area) CCI-65FP-060100 (H)	41.92 - 44.33	1.0000	1.0000
L34	61	(Area) CCI-65FP-060100 (H)	41.92 - 44.33	1.0000	1.0000
L34	62	(Area) CCI-65FP-060100 (H)	41.92 - 44.33	1.0000	1.0000
L35	4	2" Flexible Conduit	41.67 - 41.92	1.0000	1.0000
L35	5	LDF6-50A(1-1/4)	41.67 - 41.92	1.0000	1.0000
L35	11	2" Flexible Conduit	41.67 - 41.92	1.0000	1.0000
L35	16	LCF114-50J(1-1/4)	41.67 - 41.92	1.0000	1.0000
L35	17	HCS 6X12 4AWG(1-5/8)	41.67 - 41.92	1.0000	1.0000
L35	18	HCS 6X12 6AWG(1-3/8")	41.67 - 41.92	1.0000	1.0000
L35	20	PL 0.75x4	41.67 - 41.92	1.0000	1.0000
L35	21	PL 0.75x4	41.67 - 41.92	1.0000	1.0000
L35	22	PL 0.75x4	41.67 - 41.92	1.0000	1.0000
L35	37	(Area) CCI-65FP-060100 (H)	41.67 - 41.92	1.0000	1.0000
L35	41	(Area) CCI-65FP-060100 (H)	41.67 - 41.92	1.0000	1.0000
L35	42	(Area) CCI-65FP-060100 (H)	41.67 - 41.92	1.0000	1.0000
L35	60	(Area) CCI-65FP-060100 (H)	41.67 - 41.92	1.0000	1.0000
L35	61	(Area) CCI-65FP-060100 (H)	41.67 - 41.92	1.0000	1.0000

# tnxTower

## Tower Engineering Professionals, Inc.

326 Tryon Road  
Raleigh, NC 27603  
Phone: (919) 661-6351  
FAX: (919) 661-6350

### Job

HRT 100 943239 (BU 806376)

### Page

26 of 59

### Project

TEP No. 25677.537063

### Date

17:00:52 05/06/21

### Client

Crown Castle

### Designed by

tmlester

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K <sub>a</sub> No Ice	K <sub>a</sub> Ice
L35	62	(Area) CCI-65FP-060100 (H)	41.67 - 41.92	1.0000	1.0000
L36	4	2" Flexible Conduit	34.08 - 41.67	1.0000	1.0000
L36	5	LDF6-50A(1-1/4)	34.08 - 41.67	1.0000	1.0000
L36	11	2" Flexible Conduit	34.08 - 41.67	1.0000	1.0000
L36	16	LCF114-50J(1-1/4)	34.08 - 41.67	1.0000	1.0000
L36	17	HCS 6X12 4AWG(1-5/8)	34.08 - 41.67	1.0000	1.0000
L36	18	HCS 6X12 6AWG(1-3/8")	34.08 - 41.67	1.0000	1.0000
L36	20	PL 0.75x4	34.08 - 41.67	1.0000	1.0000
L36	21	PL 0.75x4	34.08 - 41.67	1.0000	1.0000
L36	22	PL 0.75x4	34.08 - 41.67	1.0000	1.0000
L36	37	(Area) CCI-65FP-060100 (H)	34.08 - 41.67	1.0000	1.0000
L36	41	(Area) CCI-65FP-060100 (H)	34.08 - 41.67	1.0000	1.0000
L36	42	(Area) CCI-65FP-060100 (H)	34.08 - 41.67	1.0000	1.0000
L36	60	(Area) CCI-65FP-060100 (H)	34.08 - 41.67	1.0000	1.0000
L36	61	(Area) CCI-65FP-060100 (H)	34.08 - 41.67	1.0000	1.0000
L36	62	(Area) CCI-65FP-060100 (H)	34.08 - 41.67	1.0000	1.0000
L37	4	2" Flexible Conduit	34.00 - 34.08	1.0000	1.0000
L37	5	LDF6-50A(1-1/4)	34.00 - 34.08	1.0000	1.0000
L37	11	2" Flexible Conduit	34.00 - 34.08	1.0000	1.0000
L37	16	LCF114-50J(1-1/4)	34.00 - 34.08	1.0000	1.0000
L37	17	HCS 6X12 4AWG(1-5/8)	34.00 - 34.08	1.0000	1.0000
L37	18	HCS 6X12 6AWG(1-3/8")	34.00 - 34.08	1.0000	1.0000
L37	20	PL 0.75x4	34.00 - 34.08	1.0000	1.0000
L37	21	PL 0.75x4	34.00 - 34.08	1.0000	1.0000
L37	22	PL 0.75x4	34.00 - 34.08	1.0000	1.0000
L37	37	(Area) CCI-65FP-060100 (H)	34.00 - 34.08	1.0000	1.0000
L37	41	(Area) CCI-65FP-060100 (H)	34.00 - 34.08	1.0000	1.0000
L37	42	(Area) CCI-65FP-060100 (H)	34.00 - 34.08	1.0000	1.0000
L37	60	(Area) CCI-65FP-060100 (H)	34.00 - 34.08	1.0000	1.0000
L37	61	(Area) CCI-65FP-060100 (H)	34.00 - 34.08	1.0000	1.0000
L37	62	(Area) CCI-65FP-060100 (H)	34.00 - 34.08	1.0000	1.0000
L38	4	2" Flexible Conduit	29.00 - 34.00	1.0000	1.0000
L38	5	LDF6-50A(1-1/4)	29.00 - 34.00	1.0000	1.0000
L38	11	2" Flexible Conduit	29.00 - 34.00	1.0000	1.0000
L38	16	LCF114-50J(1-1/4)	29.00 - 34.00	1.0000	1.0000
L38	17	HCS 6X12 4AWG(1-5/8)	29.00 - 34.00	1.0000	1.0000
L38	18	HCS 6X12 6AWG(1-3/8")	29.00 - 34.00	1.0000	1.0000
L38	20	PL 0.75x4	29.00 - 34.00	1.0000	1.0000
L38	21	PL 0.75x4	29.00 - 34.00	1.0000	1.0000
L38	22	PL 0.75x4	29.00 - 34.00	1.0000	1.0000
L38	37	(Area) CCI-65FP-060100 (H)	29.00 - 34.00	1.0000	1.0000
L38	38	(Area) CCI-65FP-060100 (H)	29.00 - 29.42	1.0000	1.0000
L38	39	(Area) CCI-65FP-060100 (H)	29.00 - 29.42	1.0000	1.0000
L38	41	(Area) CCI-65FP-060100 (H)	29.00 - 34.00	1.0000	1.0000
L38	42	(Area) CCI-65FP-060100 (H)	29.00 - 34.00	1.0000	1.0000
L38	60	(Area) CCI-65FP-060100 (H)	29.00 - 34.00	1.0000	1.0000
L38	61	(Area) CCI-65FP-060100 (H)	29.00 - 34.00	1.0000	1.0000
L38	62	(Area) CCI-65FP-060100 (H)	29.00 - 34.00	1.0000	1.0000
L39	4	2" Flexible Conduit	26.92 - 29.00	1.0000	1.0000
L39	5	LDF6-50A(1-1/4)	26.92 - 29.00	1.0000	1.0000
L39	11	2" Flexible Conduit	26.92 - 29.00	1.0000	1.0000
L39	16	LCF114-50J(1-1/4)	26.92 - 29.00	1.0000	1.0000
L39	17	HCS 6X12 4AWG(1-5/8)	26.92 - 29.00	1.0000	1.0000
L39	18	HCS 6X12 6AWG(1-3/8")	26.92 - 29.00	1.0000	1.0000
L39	20	PL 0.75x4	26.92 - 29.00	1.0000	1.0000
L39	21	PL 0.75x4	26.92 - 29.00	1.0000	1.0000
L39	22	PL 0.75x4	26.92 - 29.00	1.0000	1.0000
L39	37	(Area) CCI-65FP-060100 (H)	26.92 - 29.00	1.0000	1.0000
L39	38	(Area) CCI-65FP-060100 (H)	26.92 - 29.00	1.0000	1.0000
L39	39	(Area) CCI-65FP-060100 (H)	26.92 - 29.00	1.0000	1.0000
L39	41	(Area) CCI-65FP-060100 (H)	26.92 - 29.00	1.0000	1.0000
L39	42	(Area) CCI-65FP-060100 (H)	26.92 - 29.00	1.0000	1.0000

<p><b>tnxTower</b></p> <p><i>Tower Engineering Professionals, Inc.</i></p> <p>326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350</p>	<p><b>Job</b></p> <p>HRT 100 943239 (BU 806376)</p>	<p><b>Page</b></p> <p>27 of 59</p>
	<p><b>Project</b></p> <p>TEP No. 25677.537063</p>	<p><b>Date</b></p> <p>17:00:52 05/06/21</p>
	<p><b>Client</b></p> <p>Crown Castle</p>	<p><b>Designed by</b></p> <p>tmlester</p>

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K <sub>a</sub> No Ice	K <sub>a</sub> Ice
L39	60	(Area) CCI-65FP-060100 (H)	26.92 - 29.00	1.0000	1.0000
L39	61	(Area) CCI-65FP-060100 (H)	26.92 - 29.00	1.0000	1.0000
L39	62	(Area) CCI-65FP-060100 (H)	26.92 - 29.00	1.0000	1.0000
L40	4	2" Flexible Conduit	26.67 - 26.92	1.0000	1.0000
L40	5	LDF6-50A(1-1/4)	26.67 - 26.92	1.0000	1.0000
L40	11	2" Flexible Conduit	26.67 - 26.92	1.0000	1.0000
L40	16	LCF114-50J(1-1/4)	26.67 - 26.92	1.0000	1.0000
L40	17	HCS 6X12 4AWG(1-5/8)	26.67 - 26.92	1.0000	1.0000
L40	18	HCS 6X12 6AWG(1-3/8")	26.67 - 26.92	1.0000	1.0000
L40	20	PL 0.75x4	26.67 - 26.92	1.0000	1.0000
L40	21	PL 0.75x4	26.67 - 26.92	1.0000	1.0000
L40	22	PL 0.75x4	26.67 - 26.92	1.0000	1.0000
L40	37	(Area) CCI-65FP-060100 (H)	26.67 - 26.92	1.0000	1.0000
L40	38	(Area) CCI-65FP-060100 (H)	26.67 - 26.92	1.0000	1.0000
L40	39	(Area) CCI-65FP-060100 (H)	26.67 - 26.92	1.0000	1.0000
L40	41	(Area) CCI-65FP-060100 (H)	26.67 - 26.92	1.0000	1.0000
L40	42	(Area) CCI-65FP-060100 (H)	26.67 - 26.92	1.0000	1.0000
L40	60	(Area) CCI-65FP-060100 (H)	26.67 - 26.92	1.0000	1.0000
L40	61	(Area) CCI-65FP-060100 (H)	26.67 - 26.92	1.0000	1.0000
L40	62	(Area) CCI-65FP-060100 (H)	26.67 - 26.92	1.0000	1.0000
L41	4	2" Flexible Conduit	21.67 - 26.67	1.0000	1.0000
L41	5	LDF6-50A(1-1/4)	21.67 - 26.67	1.0000	1.0000
L41	11	2" Flexible Conduit	21.67 - 26.67	1.0000	1.0000
L41	16	LCF114-50J(1-1/4)	21.67 - 26.67	1.0000	1.0000
L41	17	HCS 6X12 4AWG(1-5/8)	21.67 - 26.67	1.0000	1.0000
L41	18	HCS 6X12 6AWG(1-3/8")	21.67 - 26.67	1.0000	1.0000
L41	20	PL 0.75x4	21.67 - 26.67	1.0000	1.0000
L41	21	PL 0.75x4	21.67 - 26.67	1.0000	1.0000
L41	22	PL 0.75x4	21.67 - 26.67	1.0000	1.0000
L41	37	(Area) CCI-65FP-060100 (H)	21.67 - 26.67	1.0000	1.0000
L41	38	(Area) CCI-65FP-060100 (H)	21.67 - 26.67	1.0000	1.0000
L41	39	(Area) CCI-65FP-060100 (H)	21.67 - 26.67	1.0000	1.0000
L41	41	(Area) CCI-65FP-060100 (H)	21.67 - 26.67	1.0000	1.0000
L41	42	(Area) CCI-65FP-060100 (H)	21.67 - 26.67	1.0000	1.0000
L41	60	(Area) CCI-65FP-060100 (H)	21.67 - 26.67	1.0000	1.0000
L41	61	(Area) CCI-65FP-060100 (H)	21.67 - 26.67	1.0000	1.0000
L41	62	(Area) CCI-65FP-060100 (H)	21.67 - 26.67	1.0000	1.0000
L42	4	2" Flexible Conduit	18.00 - 21.67	1.0000	1.0000
L42	5	LDF6-50A(1-1/4)	18.00 - 21.67	1.0000	1.0000
L42	11	2" Flexible Conduit	18.00 - 21.67	1.0000	1.0000
L42	16	LCF114-50J(1-1/4)	18.00 - 21.67	1.0000	1.0000
L42	17	HCS 6X12 4AWG(1-5/8)	18.00 - 21.67	1.0000	1.0000
L42	18	HCS 6X12 6AWG(1-3/8")	18.00 - 21.67	1.0000	1.0000
L42	20	PL 0.75x4	18.00 - 21.67	1.0000	1.0000
L42	21	PL 0.75x4	18.00 - 21.67	1.0000	1.0000
L42	22	PL 0.75x4	18.00 - 21.67	1.0000	1.0000
L42	34	(Area) CCI-65FP-060100 (H)	18.00 - 20.75	1.0000	1.0000
L42	35	(Area) CCI-65FP-060100 (H)	18.00 - 20.75	1.0000	1.0000
L42	36	(Area) CCI-65FP-060100 (H)	18.00 - 20.75	1.0000	1.0000
L42	37	(Area) CCI-65FP-060100 (H)	20.75 - 21.67	1.0000	1.0000
L42	38	(Area) CCI-65FP-060100 (H)	20.75 - 21.67	1.0000	1.0000
L42	39	(Area) CCI-65FP-060100 (H)	20.75 - 21.67	1.0000	1.0000
L42	41	(Area) CCI-65FP-060100 (H)	21.00 - 21.67	1.0000	1.0000
L42	42	(Area) CCI-65FP-060100 (H)	21.00 - 21.67	1.0000	1.0000
L42	53	(Area) CCI-65FP-065125 (H)	18.00 - 20.75	1.0000	1.0000
L42	54	(Area) CCI-65FP-065125 (H)	18.00 - 20.75	1.0000	1.0000
L42	55	(Area) CCI-65FP-065125 (H)	18.00 - 20.75	1.0000	1.0000
L42	57	(Area) CCI-65FP-060100 (H)	18.00 - 20.00	1.0000	1.0000
L42	58	(Area) CCI-65FP-060100 (H)	18.00 - 20.00	1.0000	1.0000
L42	59	(Area) CCI-65FP-060100 (H)	18.00 - 20.00	1.0000	1.0000
L42	60	(Area) CCI-65FP-060100 (H)	20.00 - 21.67	1.0000	1.0000
L42	61	(Area) CCI-65FP-060100 (H)	20.00 - 21.67	1.0000	1.0000

<p><b>tnxTower</b></p> <p><i>Tower Engineering Professionals, Inc.</i>  326 Tryon Road  Raleigh, NC 27603  Phone: (919) 661-6351  FAX: (919) 661-6350</p>	<b>Job</b> HRT 100 943239 (BU 806376)	<b>Page</b> 28 of 59
	<b>Project</b> TEP No. 25677.537063	<b>Date</b> 17:00:52 05/06/21
	<b>Client</b> Crown Castle	<b>Designed by</b> tmlester

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K <sub>a</sub> No Ice	K <sub>a</sub> Ice
L42	62	(Area) CCI-65FP-060100 (H)	20.00 - 21.67	1.0000	1.0000
L43	4	2" Flexible Conduit	17.75 - 18.00	1.0000	1.0000
L43	5	LDF6-50A(1-1/4)	17.75 - 18.00	1.0000	1.0000
L43	11	2" Flexible Conduit	17.75 - 18.00	1.0000	1.0000
L43	16	LCF114-50J(1-1/4)	17.75 - 18.00	1.0000	1.0000
L43	17	HCS 6X12 4AWG(1-5/8)	17.75 - 18.00	1.0000	1.0000
L43	18	HCS 6X12 6AWG(1-3/8")	17.75 - 18.00	1.0000	1.0000
L43	20	PL 0.75x4	17.75 - 18.00	1.0000	1.0000
L43	21	PL 0.75x4	17.75 - 18.00	1.0000	1.0000
L43	22	PL 0.75x4	17.75 - 18.00	1.0000	1.0000
L43	34	(Area) CCI-65FP-060100 (H)	17.75 - 18.00	1.0000	1.0000
L43	35	(Area) CCI-65FP-060100 (H)	17.75 - 18.00	1.0000	1.0000
L43	36	(Area) CCI-65FP-060100 (H)	17.75 - 18.00	1.0000	1.0000
L43	53	(Area) CCI-65FP-065125 (H)	17.75 - 18.00	1.0000	1.0000
L43	54	(Area) CCI-65FP-065125 (H)	17.75 - 18.00	1.0000	1.0000
L43	55	(Area) CCI-65FP-065125 (H)	17.75 - 18.00	1.0000	1.0000
L43	57	(Area) CCI-65FP-060100 (H)	17.75 - 18.00	1.0000	1.0000
L43	58	(Area) CCI-65FP-060100 (H)	17.75 - 18.00	1.0000	1.0000
L43	59	(Area) CCI-65FP-060100 (H)	17.75 - 18.00	1.0000	1.0000
L44	4	2" Flexible Conduit	17.50 - 17.75	1.0000	1.0000
L44	5	LDF6-50A(1-1/4)	17.50 - 17.75	1.0000	1.0000
L44	11	2" Flexible Conduit	17.50 - 17.75	1.0000	1.0000
L44	16	LCF114-50J(1-1/4)	17.50 - 17.75	1.0000	1.0000
L44	17	HCS 6X12 4AWG(1-5/8)	17.50 - 17.75	1.0000	1.0000
L44	18	HCS 6X12 6AWG(1-3/8")	17.50 - 17.75	1.0000	1.0000
L44	20	PL 0.75x4	17.50 - 17.75	1.0000	1.0000
L44	21	PL 0.75x4	17.50 - 17.75	1.0000	1.0000
L44	22	PL 0.75x4	17.50 - 17.75	1.0000	1.0000
L44	34	(Area) CCI-65FP-060100 (H)	17.50 - 17.75	1.0000	1.0000
L44	35	(Area) CCI-65FP-060100 (H)	17.50 - 17.75	1.0000	1.0000
L44	36	(Area) CCI-65FP-060100 (H)	17.50 - 17.75	1.0000	1.0000
L44	53	(Area) CCI-65FP-065125 (H)	17.50 - 17.75	1.0000	1.0000
L44	54	(Area) CCI-65FP-065125 (H)	17.50 - 17.75	1.0000	1.0000
L44	55	(Area) CCI-65FP-065125 (H)	17.50 - 17.75	1.0000	1.0000
L44	57	(Area) CCI-65FP-060100 (H)	17.50 - 17.75	1.0000	1.0000
L44	58	(Area) CCI-65FP-060100 (H)	17.50 - 17.75	1.0000	1.0000
L44	59	(Area) CCI-65FP-060100 (H)	17.50 - 17.75	1.0000	1.0000
L45	4	2" Flexible Conduit	17.25 - 17.50	1.0000	1.0000
L45	5	LDF6-50A(1-1/4)	17.25 - 17.50	1.0000	1.0000
L45	11	2" Flexible Conduit	17.25 - 17.50	1.0000	1.0000
L45	16	LCF114-50J(1-1/4)	17.25 - 17.50	1.0000	1.0000
L45	17	HCS 6X12 4AWG(1-5/8)	17.25 - 17.50	1.0000	1.0000
L45	18	HCS 6X12 6AWG(1-3/8")	17.25 - 17.50	1.0000	1.0000
L45	20	PL 0.75x4	17.25 - 17.50	1.0000	1.0000
L45	21	PL 0.75x4	17.25 - 17.50	1.0000	1.0000
L45	22	PL 0.75x4	17.25 - 17.50	1.0000	1.0000
L45	34	(Area) CCI-65FP-060100 (H)	17.25 - 17.50	1.0000	1.0000
L45	35	(Area) CCI-65FP-060100 (H)	17.25 - 17.50	1.0000	1.0000
L45	36	(Area) CCI-65FP-060100 (H)	17.25 - 17.50	1.0000	1.0000
L45	53	(Area) CCI-65FP-065125 (H)	17.25 - 17.50	1.0000	1.0000
L45	54	(Area) CCI-65FP-065125 (H)	17.25 - 17.50	1.0000	1.0000
L45	55	(Area) CCI-65FP-065125 (H)	17.25 - 17.50	1.0000	1.0000
L45	57	(Area) CCI-65FP-060100 (H)	17.25 - 17.50	1.0000	1.0000
L45	58	(Area) CCI-65FP-060100 (H)	17.25 - 17.50	1.0000	1.0000
L45	59	(Area) CCI-65FP-060100 (H)	17.25 - 17.50	1.0000	1.0000
L46	4	2" Flexible Conduit	17.08 - 17.25	1.0000	1.0000
L46	5	LDF6-50A(1-1/4)	17.08 - 17.25	1.0000	1.0000
L46	11	2" Flexible Conduit	17.08 - 17.25	1.0000	1.0000
L46	16	LCF114-50J(1-1/4)	17.08 - 17.25	1.0000	1.0000
L46	17	HCS 6X12 4AWG(1-5/8)	17.08 - 17.25	1.0000	1.0000
L46	18	HCS 6X12 6AWG(1-3/8")	17.08 - 17.25	1.0000	1.0000
L46	20	PL 0.75x4	17.08 - 17.25	1.0000	1.0000



<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b> HRT 100 943239 (BU 806376)	<b>Page</b> 29 of 59
	<b>Project</b> TEP No. 25677.537063	<b>Date</b> 17:00:52 05/06/21
	<b>Client</b> Crown Castle	<b>Designed by</b> tmlester

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K <sub>a</sub> No Ice	K <sub>a</sub> Ice
L46	21	PL 0.75x4	17.08 - 17.25	1.0000	1.0000
L46	22	PL 0.75x4	17.08 - 17.25	1.0000	1.0000
L46	34	(Area) CCI-65FP-060100 (H)	17.08 - 17.25	1.0000	1.0000
L46	35	(Area) CCI-65FP-060100 (H)	17.08 - 17.25	1.0000	1.0000
L46	36	(Area) CCI-65FP-060100 (H)	17.08 - 17.25	1.0000	1.0000
L46	53	(Area) CCI-65FP-065125 (H)	17.08 - 17.25	1.0000	1.0000
L46	54	(Area) CCI-65FP-065125 (H)	17.08 - 17.25	1.0000	1.0000
L46	55	(Area) CCI-65FP-065125 (H)	17.08 - 17.25	1.0000	1.0000
L46	57	(Area) CCI-65FP-060100 (H)	17.08 - 17.25	1.0000	1.0000
L46	58	(Area) CCI-65FP-060100 (H)	17.08 - 17.25	1.0000	1.0000
L46	59	(Area) CCI-65FP-060100 (H)	17.08 - 17.25	1.0000	1.0000
L47	4	2" Flexible Conduit	16.83 - 17.08	1.0000	1.0000
L47	5	LDF6-50A(1-1/4)	16.83 - 17.08	1.0000	1.0000
L47	11	2" Flexible Conduit	16.83 - 17.08	1.0000	1.0000
L47	16	LCF114-50J(1-1/4)	16.83 - 17.08	1.0000	1.0000
L47	17	HCS 6X12 4AWG(1-5/8)	16.83 - 17.08	1.0000	1.0000
L47	18	HCS 6X12 6AWG(1-3/8")	16.83 - 17.08	1.0000	1.0000
L47	20	PL 0.75x4	16.83 - 17.08	1.0000	1.0000
L47	21	PL 0.75x4	16.83 - 17.08	1.0000	1.0000
L47	22	PL 0.75x4	16.83 - 17.08	1.0000	1.0000
L47	34	(Area) CCI-65FP-060100 (H)	16.83 - 17.08	1.0000	1.0000
L47	35	(Area) CCI-65FP-060100 (H)	16.83 - 17.08	1.0000	1.0000
L47	36	(Area) CCI-65FP-060100 (H)	16.83 - 17.08	1.0000	1.0000
L47	53	(Area) CCI-65FP-065125 (H)	16.83 - 17.08	1.0000	1.0000
L47	54	(Area) CCI-65FP-065125 (H)	16.83 - 17.08	1.0000	1.0000
L47	55	(Area) CCI-65FP-065125 (H)	16.83 - 17.08	1.0000	1.0000
L47	57	(Area) CCI-65FP-060100 (H)	16.83 - 17.08	1.0000	1.0000
L47	58	(Area) CCI-65FP-060100 (H)	16.83 - 17.08	1.0000	1.0000
L47	59	(Area) CCI-65FP-060100 (H)	16.83 - 17.08	1.0000	1.0000
L48	4	2" Flexible Conduit	13.00 - 16.83	1.0000	1.0000
L48	5	LDF6-50A(1-1/4)	13.00 - 16.83	1.0000	1.0000
L48	11	2" Flexible Conduit	13.00 - 16.83	1.0000	1.0000
L48	16	LCF114-50J(1-1/4)	13.00 - 16.83	1.0000	1.0000
L48	17	HCS 6X12 4AWG(1-5/8)	13.00 - 16.83	1.0000	1.0000
L48	18	HCS 6X12 6AWG(1-3/8")	13.00 - 16.83	1.0000	1.0000
L48	20	PL 0.75x4	15.83 - 16.83	1.0000	1.0000
L48	21	PL 0.75x4	15.83 - 16.83	1.0000	1.0000
L48	22	PL 0.75x4	15.83 - 16.83	1.0000	1.0000
L48	30	(Area) CCI-65FP-060100 (H)	13.00 - 15.50	1.0000	1.0000
L48	31	(Area) CCI-65FP-060100 (H)	13.00 - 15.50	1.0000	1.0000
L48	32	(Area) CCI-65FP-060100 (H)	13.00 - 15.50	1.0000	1.0000
L48	34	(Area) CCI-65FP-060100 (H)	13.00 - 16.83	1.0000	1.0000
L48	35	(Area) CCI-65FP-060100 (H)	13.00 - 16.83	1.0000	1.0000
L48	36	(Area) CCI-65FP-060100 (H)	13.00 - 16.83	1.0000	1.0000
L48	53	(Area) CCI-65FP-065125 (H)	13.00 - 16.83	1.0000	1.0000
L48	54	(Area) CCI-65FP-065125 (H)	13.00 - 16.83	1.0000	1.0000
L48	55	(Area) CCI-65FP-065125 (H)	13.00 - 16.83	1.0000	1.0000
L48	57	(Area) CCI-65FP-060100 (H)	13.00 - 16.83	1.0000	1.0000
L48	58	(Area) CCI-65FP-060100 (H)	13.00 - 16.83	1.0000	1.0000
L48	59	(Area) CCI-65FP-060100 (H)	13.00 - 16.83	1.0000	1.0000
L49	4	2" Flexible Conduit	12.75 - 13.00	1.0000	1.0000
L49	5	LDF6-50A(1-1/4)	12.75 - 13.00	1.0000	1.0000
L49	11	2" Flexible Conduit	12.75 - 13.00	1.0000	1.0000
L49	16	LCF114-50J(1-1/4)	12.75 - 13.00	1.0000	1.0000
L49	17	HCS 6X12 4AWG(1-5/8)	12.75 - 13.00	1.0000	1.0000
L49	18	HCS 6X12 6AWG(1-3/8")	12.75 - 13.00	1.0000	1.0000
L49	30	(Area) CCI-65FP-060100 (H)	12.75 - 13.00	1.0000	1.0000
L49	31	(Area) CCI-65FP-060100 (H)	12.75 - 13.00	1.0000	1.0000
L49	32	(Area) CCI-65FP-060100 (H)	12.75 - 13.00	1.0000	1.0000
L49	34	(Area) CCI-65FP-060100 (H)	12.75 - 13.00	1.0000	1.0000
L49	35	(Area) CCI-65FP-060100 (H)	12.75 - 13.00	1.0000	1.0000
L49	36	(Area) CCI-65FP-060100 (H)	12.75 - 13.00	1.0000	1.0000

<p><b>tnxTower</b></p> <p><i>Tower Engineering Professionals, Inc.</i></p> <p>326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350</p>	<p><b>Job</b></p> <p>HRT 100 943239 (BU 806376)</p>	<p><b>Page</b></p> <p>30 of 59</p>
	<p><b>Project</b></p> <p>TEP No. 25677.537063</p>	<p><b>Date</b></p> <p>17:00:52 05/06/21</p>
	<p><b>Client</b></p> <p>Crown Castle</p>	<p><b>Designed by</b></p> <p>tmlester</p>

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K <sub>a</sub> No Ice	K <sub>a</sub> Ice
L49	53	(Area) CCI-65FP-065125 (H)	12.75 - 13.00	1.0000	1.0000
L49	54	(Area) CCI-65FP-065125 (H)	12.75 - 13.00	1.0000	1.0000
L49	55	(Area) CCI-65FP-065125 (H)	12.75 - 13.00	1.0000	1.0000
L49	57	(Area) CCI-65FP-060100 (H)	12.75 - 13.00	1.0000	1.0000
L49	58	(Area) CCI-65FP-060100 (H)	12.75 - 13.00	1.0000	1.0000
L49	59	(Area) CCI-65FP-060100 (H)	12.75 - 13.00	1.0000	1.0000
L50	4	2" Flexible Conduit	11.92 - 12.75	1.0000	1.0000
L50	5	LDF6-50A(1-1/4)	11.92 - 12.75	1.0000	1.0000
L50	11	2" Flexible Conduit	11.92 - 12.75	1.0000	1.0000
L50	16	LCF114-50J(1-1/4)	11.92 - 12.75	1.0000	1.0000
L50	17	HCS 6X12 4AWG(1-5/8)	11.92 - 12.75	1.0000	1.0000
L50	18	HCS 6X12 6AWG(1-3/8")	11.92 - 12.75	1.0000	1.0000
L50	30	(Area) CCI-65FP-060100 (H)	11.92 - 12.75	1.0000	1.0000
L50	31	(Area) CCI-65FP-060100 (H)	11.92 - 12.75	1.0000	1.0000
L50	32	(Area) CCI-65FP-060100 (H)	11.92 - 12.75	1.0000	1.0000
L50	34	(Area) CCI-65FP-060100 (H)	11.92 - 12.75	1.0000	1.0000
L50	35	(Area) CCI-65FP-060100 (H)	11.92 - 12.75	1.0000	1.0000
L50	36	(Area) CCI-65FP-060100 (H)	11.92 - 12.75	1.0000	1.0000
L50	53	(Area) CCI-65FP-065125 (H)	11.92 - 12.75	1.0000	1.0000
L50	54	(Area) CCI-65FP-065125 (H)	11.92 - 12.75	1.0000	1.0000
L50	55	(Area) CCI-65FP-065125 (H)	11.92 - 12.75	1.0000	1.0000
L50	57	(Area) CCI-65FP-060100 (H)	11.92 - 12.75	1.0000	1.0000
L50	58	(Area) CCI-65FP-060100 (H)	11.92 - 12.75	1.0000	1.0000
L50	59	(Area) CCI-65FP-060100 (H)	11.92 - 12.75	1.0000	1.0000
L51	4	2" Flexible Conduit	11.67 - 11.92	1.0000	1.0000
L51	5	LDF6-50A(1-1/4)	11.67 - 11.92	1.0000	1.0000
L51	11	2" Flexible Conduit	11.67 - 11.92	1.0000	1.0000
L51	16	LCF114-50J(1-1/4)	11.67 - 11.92	1.0000	1.0000
L51	17	HCS 6X12 4AWG(1-5/8)	11.67 - 11.92	1.0000	1.0000
L51	18	HCS 6X12 6AWG(1-3/8")	11.67 - 11.92	1.0000	1.0000
L51	30	(Area) CCI-65FP-060100 (H)	11.67 - 11.92	1.0000	1.0000
L51	31	(Area) CCI-65FP-060100 (H)	11.67 - 11.92	1.0000	1.0000
L51	32	(Area) CCI-65FP-060100 (H)	11.67 - 11.92	1.0000	1.0000
L51	34	(Area) CCI-65FP-060100 (H)	11.67 - 11.92	1.0000	1.0000
L51	35	(Area) CCI-65FP-060100 (H)	11.67 - 11.92	1.0000	1.0000
L51	36	(Area) CCI-65FP-060100 (H)	11.67 - 11.92	1.0000	1.0000
L51	53	(Area) CCI-65FP-065125 (H)	11.67 - 11.92	1.0000	1.0000
L51	54	(Area) CCI-65FP-065125 (H)	11.67 - 11.92	1.0000	1.0000
L51	55	(Area) CCI-65FP-065125 (H)	11.67 - 11.92	1.0000	1.0000
L51	57	(Area) CCI-65FP-060100 (H)	11.67 - 11.92	1.0000	1.0000
L51	58	(Area) CCI-65FP-060100 (H)	11.67 - 11.92	1.0000	1.0000
L51	59	(Area) CCI-65FP-060100 (H)	11.67 - 11.92	1.0000	1.0000
L52	4	2" Flexible Conduit	6.67 - 11.67	1.0000	1.0000
L52	5	LDF6-50A(1-1/4)	6.67 - 11.67	1.0000	1.0000
L52	11	2" Flexible Conduit	6.67 - 11.67	1.0000	1.0000
L52	16	LCF114-50J(1-1/4)	6.67 - 11.67	1.0000	1.0000
L52	17	HCS 6X12 4AWG(1-5/8)	6.67 - 11.67	1.0000	1.0000
L52	18	HCS 6X12 6AWG(1-3/8")	6.67 - 11.67	1.0000	1.0000
L52	30	(Area) CCI-65FP-060100 (H)	6.67 - 11.67	1.0000	1.0000
L52	31	(Area) CCI-65FP-060100 (H)	6.67 - 11.67	1.0000	1.0000
L52	32	(Area) CCI-65FP-060100 (H)	6.67 - 11.67	1.0000	1.0000
L52	34	(Area) CCI-65FP-060100 (H)	9.42 - 11.67	1.0000	1.0000
L52	35	(Area) CCI-65FP-060100 (H)	9.42 - 11.67	1.0000	1.0000
L52	36	(Area) CCI-65FP-060100 (H)	9.42 - 11.67	1.0000	1.0000
L52	52	(Area) CCI-65FP-065125 (H)	6.67 - 9.25	1.0000	1.0000
L52	53	(Area) CCI-65FP-065125 (H)	6.67 - 11.67	1.0000	1.0000
L52	54	(Area) CCI-65FP-065125 (H)	6.67 - 11.67	1.0000	1.0000
L52	55	(Area) CCI-65FP-065125 (H)	6.67 - 11.67	1.0000	1.0000
L52	57	(Area) CCI-65FP-060100 (H)	6.67 - 11.67	1.0000	1.0000
L52	58	(Area) CCI-65FP-060100 (H)	6.67 - 11.67	1.0000	1.0000
L52	59	(Area) CCI-65FP-060100 (H)	6.67 - 11.67	1.0000	1.0000
L53	4	2" Flexible Conduit	6.50 - 6.67	1.0000	1.0000

<b>Job</b>	HRT 100 943239 (BU 806376)	<b>Page</b>	31 of 59
<b>Project</b>	TEP No. 25677.537063	<b>Date</b>	17:00:52 05/06/21
<b>Client</b>	Crown Castle	<b>Designed by</b>	tmlester

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K <sub>a</sub> No Ice	K <sub>a</sub> Ice
L53	5	LDF6-50A(1-1/4)	6.50 - 6.67	1.0000	1.0000
L53	11	2" Flexible Conduit	6.50 - 6.67	1.0000	1.0000
L53	16	LCF114-50J(1-1/4)	6.50 - 6.67	1.0000	1.0000
L53	17	HCS 6X12 4AWG(1-5/8)	6.50 - 6.67	1.0000	1.0000
L53	18	HCS 6X12 6AWG(1-3/8")	6.50 - 6.67	1.0000	1.0000
L53	30	(Area) CCI-65FP-060100 (H)	6.50 - 6.67	1.0000	1.0000
L53	31	(Area) CCI-65FP-060100 (H)	6.50 - 6.67	1.0000	1.0000
L53	32	(Area) CCI-65FP-060100 (H)	6.50 - 6.67	1.0000	1.0000
L53	52	(Area) CCI-65FP-065125 (H)	6.50 - 6.67	1.0000	1.0000
L53	53	(Area) CCI-65FP-065125 (H)	6.50 - 6.67	1.0000	1.0000
L53	54	(Area) CCI-65FP-065125 (H)	6.50 - 6.67	1.0000	1.0000
L53	55	(Area) CCI-65FP-065125 (H)	6.50 - 6.67	1.0000	1.0000
L53	57	(Area) CCI-65FP-060100 (H)	6.50 - 6.67	1.0000	1.0000
L53	58	(Area) CCI-65FP-060100 (H)	6.50 - 6.67	1.0000	1.0000
L53	59	(Area) CCI-65FP-060100 (H)	6.50 - 6.67	1.0000	1.0000
L54	4	2" Flexible Conduit	6.25 - 6.50	1.0000	1.0000
L54	5	LDF6-50A(1-1/4)	6.25 - 6.50	1.0000	1.0000
L54	11	2" Flexible Conduit	6.25 - 6.50	1.0000	1.0000
L54	16	LCF114-50J(1-1/4)	6.25 - 6.50	1.0000	1.0000
L54	17	HCS 6X12 4AWG(1-5/8)	6.25 - 6.50	1.0000	1.0000
L54	18	HCS 6X12 6AWG(1-3/8")	6.25 - 6.50	1.0000	1.0000
L54	30	(Area) CCI-65FP-060100 (H)	6.25 - 6.50	1.0000	1.0000
L54	31	(Area) CCI-65FP-060100 (H)	6.25 - 6.50	1.0000	1.0000
L54	32	(Area) CCI-65FP-060100 (H)	6.25 - 6.50	1.0000	1.0000
L54	52	(Area) CCI-65FP-065125 (H)	6.25 - 6.50	1.0000	1.0000
L54	53	(Area) CCI-65FP-065125 (H)	6.25 - 6.50	1.0000	1.0000
L54	54	(Area) CCI-65FP-065125 (H)	6.25 - 6.50	1.0000	1.0000
L54	55	(Area) CCI-65FP-065125 (H)	6.25 - 6.50	1.0000	1.0000
L54	57	(Area) CCI-65FP-060100 (H)	6.25 - 6.50	1.0000	1.0000
L54	58	(Area) CCI-65FP-060100 (H)	6.25 - 6.50	1.0000	1.0000
L54	59	(Area) CCI-65FP-060100 (H)	6.25 - 6.50	1.0000	1.0000
L55	4	2" Flexible Conduit	3.75 - 6.25	1.0000	1.0000
L55	5	LDF6-50A(1-1/4)	3.75 - 6.25	1.0000	1.0000
L55	11	2" Flexible Conduit	3.75 - 6.25	1.0000	1.0000
L55	16	LCF114-50J(1-1/4)	3.75 - 6.25	1.0000	1.0000
L55	17	HCS 6X12 4AWG(1-5/8)	3.75 - 6.25	1.0000	1.0000
L55	18	HCS 6X12 6AWG(1-3/8")	3.75 - 6.25	1.0000	1.0000
L55	30	(Area) CCI-65FP-060100 (H)	3.75 - 6.25	1.0000	1.0000
L55	31	(Area) CCI-65FP-060100 (H)	3.75 - 6.25	1.0000	1.0000
L55	32	(Area) CCI-65FP-060100 (H)	3.75 - 6.25	1.0000	1.0000
L55	52	(Area) CCI-65FP-065125 (H)	3.75 - 6.25	1.0000	1.0000
L55	53	(Area) CCI-65FP-065125 (H)	3.75 - 6.25	1.0000	1.0000
L55	54	(Area) CCI-65FP-065125 (H)	3.75 - 6.25	1.0000	1.0000
L55	55	(Area) CCI-65FP-065125 (H)	3.75 - 6.25	1.0000	1.0000
L55	57	(Area) CCI-65FP-060100 (H)	3.75 - 6.25	1.0000	1.0000
L55	58	(Area) CCI-65FP-060100 (H)	3.75 - 6.25	1.0000	1.0000
L55	59	(Area) CCI-65FP-060100 (H)	3.75 - 6.25	1.0000	1.0000
L56	4	2" Flexible Conduit	3.50 - 3.75	1.0000	1.0000
L56	5	LDF6-50A(1-1/4)	3.50 - 3.75	1.0000	1.0000
L56	11	2" Flexible Conduit	3.50 - 3.75	1.0000	1.0000
L56	16	LCF114-50J(1-1/4)	3.50 - 3.75	1.0000	1.0000
L56	17	HCS 6X12 4AWG(1-5/8)	3.50 - 3.75	1.0000	1.0000
L56	18	HCS 6X12 6AWG(1-3/8")	3.50 - 3.75	1.0000	1.0000
L56	30	(Area) CCI-65FP-060100 (H)	3.50 - 3.75	1.0000	1.0000
L56	31	(Area) CCI-65FP-060100 (H)	3.50 - 3.75	1.0000	1.0000
L56	32	(Area) CCI-65FP-060100 (H)	3.50 - 3.75	1.0000	1.0000
L56	52	(Area) CCI-65FP-065125 (H)	3.50 - 3.75	1.0000	1.0000
L56	53	(Area) CCI-65FP-065125 (H)	3.50 - 3.75	1.0000	1.0000
L56	54	(Area) CCI-65FP-065125 (H)	3.50 - 3.75	1.0000	1.0000
L56	55	(Area) CCI-65FP-065125 (H)	3.50 - 3.75	1.0000	1.0000
L56	57	(Area) CCI-65FP-060100 (H)	3.50 - 3.75	1.0000	1.0000
L56	58	(Area) CCI-65FP-060100 (H)	3.50 - 3.75	1.0000	1.0000

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b> HRT 100 943239 (BU 806376)	<b>Page</b> 32 of 59
	<b>Project</b> TEP No. 25677.537063	<b>Date</b> 17:00:52 05/06/21
	<b>Client</b> Crown Castle	<b>Designed by</b> tmlester

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	$K_a$ No Ice	$K_a$ Ice
L56	59	(Area) CCI-65FP-060100 (H)	3.50 - 3.75	1.0000	1.0000
L57	4	2" Flexible Conduit	3.00 - 3.50	1.0000	1.0000
L57	5	LDF6-50A(1-1/4)	3.00 - 3.50	1.0000	1.0000
L57	11	2" Flexible Conduit	3.00 - 3.50	1.0000	1.0000
L57	16	LCF114-50J(1-1/4)	3.00 - 3.50	1.0000	1.0000
L57	17	HCS 6X12 4AWG(1-5/8)	3.00 - 3.50	1.0000	1.0000
L57	18	HCS 6X12 6AWG(1-3/8")	3.00 - 3.50	1.0000	1.0000
L57	30	(Area) CCI-65FP-060100 (H)	3.00 - 3.50	1.0000	1.0000
L57	31	(Area) CCI-65FP-060100 (H)	3.00 - 3.50	1.0000	1.0000
L57	32	(Area) CCI-65FP-060100 (H)	3.00 - 3.50	1.0000	1.0000
L57	52	(Area) CCI-65FP-065125 (H)	3.00 - 3.50	1.0000	1.0000
L57	53	(Area) CCI-65FP-065125 (H)	3.00 - 3.50	1.0000	1.0000
L57	54	(Area) CCI-65FP-065125 (H)	3.00 - 3.50	1.0000	1.0000
L57	55	(Area) CCI-65FP-065125 (H)	3.00 - 3.50	1.0000	1.0000
L57	57	(Area) CCI-65FP-060100 (H)	3.00 - 3.50	1.0000	1.0000
L57	58	(Area) CCI-65FP-060100 (H)	3.00 - 3.50	1.0000	1.0000
L57	59	(Area) CCI-65FP-060100 (H)	3.00 - 3.50	1.0000	1.0000
L58	4	2" Flexible Conduit	2.75 - 3.00	1.0000	1.0000
L58	5	LDF6-50A(1-1/4)	2.75 - 3.00	1.0000	1.0000
L58	11	2" Flexible Conduit	2.75 - 3.00	1.0000	1.0000
L58	16	LCF114-50J(1-1/4)	2.75 - 3.00	1.0000	1.0000
L58	17	HCS 6X12 4AWG(1-5/8)	2.75 - 3.00	1.0000	1.0000
L58	18	HCS 6X12 6AWG(1-3/8")	2.75 - 3.00	1.0000	1.0000
L58	30	(Area) CCI-65FP-060100 (H)	2.75 - 3.00	1.0000	1.0000
L58	31	(Area) CCI-65FP-060100 (H)	2.75 - 3.00	1.0000	1.0000
L58	32	(Area) CCI-65FP-060100 (H)	2.75 - 3.00	1.0000	1.0000
L58	52	(Area) CCI-65FP-065125 (H)	2.75 - 3.00	1.0000	1.0000
L58	53	(Area) CCI-65FP-065125 (H)	2.75 - 3.00	1.0000	1.0000
L58	54	(Area) CCI-65FP-065125 (H)	2.75 - 3.00	1.0000	1.0000
L58	55	(Area) CCI-65FP-065125 (H)	2.75 - 3.00	1.0000	1.0000
L58	57	(Area) CCI-65FP-060100 (H)	2.75 - 3.00	1.0000	1.0000
L58	58	(Area) CCI-65FP-060100 (H)	2.75 - 3.00	1.0000	1.0000
L58	59	(Area) CCI-65FP-060100 (H)	2.75 - 3.00	1.0000	1.0000
L59	4	2" Flexible Conduit	0.00 - 2.75	1.0000	1.0000
L59	5	LDF6-50A(1-1/4)	0.00 - 2.75	1.0000	1.0000
L59	11	2" Flexible Conduit	0.00 - 2.75	1.0000	1.0000
L59	16	LCF114-50J(1-1/4)	0.00 - 2.75	1.0000	1.0000
L59	17	HCS 6X12 4AWG(1-5/8)	0.00 - 2.75	1.0000	1.0000
L59	18	HCS 6X12 6AWG(1-3/8")	0.00 - 2.75	1.0000	1.0000
L59	30	(Area) CCI-65FP-060100 (H)	0.00 - 2.75	1.0000	1.0000
L59	31	(Area) CCI-65FP-060100 (H)	0.00 - 2.75	1.0000	1.0000
L59	32	(Area) CCI-65FP-060100 (H)	0.00 - 2.75	1.0000	1.0000
L59	52	(Area) CCI-65FP-065125 (H)	0.00 - 2.75	1.0000	1.0000
L59	53	(Area) CCI-65FP-065125 (H)	0.00 - 2.75	1.0000	1.0000
L59	54	(Area) CCI-65FP-065125 (H)	0.00 - 2.75	1.0000	1.0000
L59	55	(Area) CCI-65FP-065125 (H)	0.00 - 2.75	1.0000	1.0000
L59	57	(Area) CCI-65FP-060100 (H)	0.00 - 2.75	1.0000	1.0000
L59	58	(Area) CCI-65FP-060100 (H)	0.00 - 2.75	1.0000	1.0000
L59	59	(Area) CCI-65FP-060100 (H)	0.00 - 2.75	1.0000	1.0000

**Effective Width of Flat Linear Attachments / Feed Lines**

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
L8	48	(Area) CCI-65FP-045100 (H)	90.00 - 91.50	Auto	0.0000
L8	49	(Area) CCI-65FP-045100 (H)	90.00 - 91.50	Auto	0.0000
L8	50	(Area) CCI-65FP-045100 (H)	90.00 - 91.50	Auto	0.0000
L9	48	(Area) CCI-65FP-045100 (H)	89.75 - 90.00	Auto	0.0734
L9	49	(Area) CCI-65FP-045100 (H)	89.75 - 90.00	Auto	0.0734
L9	50	(Area) CCI-65FP-045100 (H)	89.75 - 90.00	Auto	0.0734
L10	26	PL 0.75x4	84.75 - 85.83	Auto	0.0000
L10	27	PL 0.75x4	84.75 - 85.83	Auto	0.0000
L10	28	PL 0.75x4	84.75 - 85.83	Auto	0.0000
L10	48	(Area) CCI-65FP-045100 (H)	84.75 - 89.75	Auto	0.0244
L10	49	(Area) CCI-65FP-045100 (H)	84.75 - 89.75	Auto	0.0244
L10	50	(Area) CCI-65FP-045100 (H)	84.75 - 89.75	Auto	0.0244
L10	63	(Area) CCI-65FP-045125 (H)	84.75 - 85.17	Auto	0.0000
L10	64	(Area) CCI-65FP-045125 (H)	84.75 - 85.17	Auto	0.0000
L10	65	(Area) CCI-65FP-045125 (H)	84.75 - 85.17	Auto	0.0000
L11	26	PL 0.75x4	84.58 - 84.75	Auto	0.0000
L11	27	PL 0.75x4	84.58 - 84.75	Auto	0.0000
L11	28	PL 0.75x4	84.58 - 84.75	Auto	0.0000
L11	48	(Area) CCI-65FP-045100 (H)	84.58 - 84.75	Auto	0.0000
L11	49	(Area) CCI-65FP-045100 (H)	84.58 - 84.75	Auto	0.0000
L11	50	(Area) CCI-65FP-045100 (H)	84.58 - 84.75	Auto	0.0000
L11	63	(Area) CCI-65FP-045125 (H)	84.58 - 84.75	Auto	0.0000
L11	64	(Area) CCI-65FP-045125 (H)	84.58 - 84.75	Auto	0.0000
L11	65	(Area) CCI-65FP-045125 (H)	84.58 - 84.75	Auto	0.0000
L12	26	PL 0.75x4	84.33 - 84.58	Auto	0.0000
L12	27	PL 0.75x4	84.33 - 84.58	Auto	0.0000
L12	28	PL 0.75x4	84.33 - 84.58	Auto	0.0000
L12	48	(Area) CCI-65FP-045100 (H)	84.33 - 84.58	Auto	0.0745
L12	49	(Area) CCI-65FP-045100 (H)	84.33 - 84.58	Auto	0.0745
L12	50	(Area) CCI-65FP-045100 (H)	84.33 - 84.58	Auto	0.0745
L12	63	(Area) CCI-65FP-045125 (H)	84.33 - 84.58	Auto	0.0745
L12	64	(Area) CCI-65FP-045125 (H)	84.33 - 84.58	Auto	0.0745
L12	65	(Area) CCI-65FP-045125 (H)	84.33 - 84.58	Auto	0.0745
L13	26	PL 0.75x4	83.42 - 84.33	Auto	0.0000
L13	27	PL 0.75x4	83.42 - 84.33	Auto	0.0000
L13	28	PL 0.75x4	83.42 - 84.33	Auto	0.0000
L13	48	(Area) CCI-65FP-045100 (H)	83.42 - 84.33	Auto	0.0584
L13	49	(Area) CCI-65FP-045100 (H)	83.42 - 84.33	Auto	0.0584
L13	50	(Area) CCI-65FP-045100 (H)	83.42 - 84.33	Auto	0.0584
L13	63	(Area) CCI-65FP-045125 (H)	83.42 - 84.33	Auto	0.0584
L13	64	(Area) CCI-65FP-045125 (H)	83.42 - 84.33	Auto	0.0584
L13	65	(Area) CCI-65FP-045125 (H)	83.42 - 84.33	Auto	0.0584
L14	26	PL 0.75x4	83.17 - 83.42	Auto	0.1487
L14	27	PL 0.75x4	83.17 - 83.42	Auto	0.1487
L14	28	PL 0.75x4	83.17 - 83.42	Auto	0.1487
L14	48	(Area) CCI-65FP-045100 (H)	83.17 - 83.42	Auto	0.2433
L14	49	(Area) CCI-65FP-045100 (H)	83.17 - 83.42	Auto	0.2433
L14	50	(Area) CCI-65FP-045100 (H)	83.17 - 83.42	Auto	0.2433
L14	63	(Area) CCI-65FP-045125 (H)	83.17 - 83.42	Auto	0.2433
L14	64	(Area) CCI-65FP-045125 (H)	83.17 - 83.42	Auto	0.2433
L14	65	(Area) CCI-65FP-045125 (H)	83.17 - 83.42	Auto	0.2433
L15	26	PL 0.75x4	83.00 - 83.17	Auto	0.1452
L15	27	PL 0.75x4	83.00 - 83.17	Auto	0.1452
L15	28	PL 0.75x4	83.00 - 83.17	Auto	0.1452
L15	48	(Area) CCI-65FP-045100 (H)	83.00 - 83.17	Auto	0.2402
L15	49	(Area) CCI-65FP-045100 (H)	83.00 - 83.17	Auto	0.2402
L15	50	(Area) CCI-65FP-045100 (H)	83.00 - 83.17	Auto	0.2402
L15	63	(Area) CCI-65FP-045125 (H)	83.00 - 83.17	Auto	0.2402
L15	64	(Area) CCI-65FP-045125 (H)	83.00 - 83.17	Auto	0.2402
L15	65	(Area) CCI-65FP-045125 (H)	83.00 - 83.17	Auto	0.2402
L16	26	PL 0.75x4	82.75 - 83.00	Auto	0.0000

<p><b>tnxTower</b></p> <p><i>Tower Engineering Professionals, Inc.</i>  326 Tryon Road  Raleigh, NC 27603  Phone: (919) 661-6351  FAX: (919) 661-6350</p>	<b>Job</b> HRT 100 943239 (BU 806376)	<b>Page</b> 34 of 59
	<b>Project</b> TEP No. 25677.537063	<b>Date</b> 17:00:52 05/06/21
	<b>Client</b> Crown Castle	<b>Designed by</b> tmlester

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
L16	27	PL 0.75x4	82.75 - 83.00	Auto	0.0000
L16	28	PL 0.75x4	82.75 - 83.00	Auto	0.0000
L16	48	(Area) CCI-65FP-045100 (H)	82.75 - 83.00	Auto	0.0882
L16	49	(Area) CCI-65FP-045100 (H)	82.75 - 83.00	Auto	0.0882
L16	50	(Area) CCI-65FP-045100 (H)	82.75 - 83.00	Auto	0.0882
L16	63	(Area) CCI-65FP-045125 (H)	82.75 - 83.00	Auto	0.0882
L16	64	(Area) CCI-65FP-045125 (H)	82.75 - 83.00	Auto	0.0882
L16	65	(Area) CCI-65FP-045125 (H)	82.75 - 83.00	Auto	0.0882
L17	26	PL 0.75x4	77.75 - 82.75	Auto	0.0000
L17	27	PL 0.75x4	77.75 - 82.75	Auto	0.0000
L17	28	PL 0.75x4	77.75 - 82.75	Auto	0.0000
L17	48	(Area) CCI-65FP-045100 (H)	81.50 - 82.75	Auto	0.0547
L17	49	(Area) CCI-65FP-045100 (H)	81.50 - 82.75	Auto	0.0547
L17	50	(Area) CCI-65FP-045100 (H)	81.50 - 82.75	Auto	0.0547
L17	63	(Area) CCI-65FP-045125 (H)	77.75 - 82.75	Auto	0.0275
L17	64	(Area) CCI-65FP-045125 (H)	77.75 - 82.75	Auto	0.0275
L17	65	(Area) CCI-65FP-045125 (H)	77.75 - 82.75	Auto	0.0275
L18	26	PL 0.75x4	70.00 - 77.75	Auto	0.0000
L18	27	PL 0.75x4	70.00 - 77.75	Auto	0.0000
L18	28	PL 0.75x4	70.00 - 77.75	Auto	0.0000
L18	63	(Area) CCI-65FP-045125 (H)	70.00 - 77.75	Auto	0.0000
L18	64	(Area) CCI-65FP-045125 (H)	70.00 - 77.75	Auto	0.0000
L18	65	(Area) CCI-65FP-045125 (H)	70.00 - 77.75	Auto	0.0000
L19	26	PL 0.75x4	69.00 - 70.00	Auto	0.0000
L19	27	PL 0.75x4	69.00 - 70.00	Auto	0.0000
L19	28	PL 0.75x4	69.00 - 70.00	Auto	0.0000
L19	63	(Area) CCI-65FP-045125 (H)	69.00 - 70.00	Auto	0.0000
L19	64	(Area) CCI-65FP-045125 (H)	69.00 - 70.00	Auto	0.0000
L19	65	(Area) CCI-65FP-045125 (H)	69.00 - 70.00	Auto	0.0000
L20	23	PL 0.75x4	67.08 - 68.25	Auto	0.0000
L20	24	PL 0.75x4	67.08 - 68.25	Auto	0.0000
L20	25	PL 0.75x4	67.08 - 68.25	Auto	0.0000
L20	26	PL 0.75x4	67.08 - 69.00	Auto	0.0000
L20	27	PL 0.75x4	67.08 - 69.00	Auto	0.0000
L20	28	PL 0.75x4	67.08 - 69.00	Auto	0.0000
L20	63	(Area) CCI-65FP-045125 (H)	67.08 - 69.00	Auto	0.0000
L20	64	(Area) CCI-65FP-045125 (H)	67.08 - 69.00	Auto	0.0000
L20	65	(Area) CCI-65FP-045125 (H)	67.08 - 69.00	Auto	0.0000
L21	23	PL 0.75x4	66.83 - 67.08	Auto	0.0000
L21	24	PL 0.75x4	66.83 - 67.08	Auto	0.0000
L21	25	PL 0.75x4	66.83 - 67.08	Auto	0.0000
L21	26	PL 0.75x4	66.83 - 67.08	Auto	0.0000
L21	27	PL 0.75x4	66.83 - 67.08	Auto	0.0000
L21	28	PL 0.75x4	66.83 - 67.08	Auto	0.0000
L21	63	(Area) CCI-65FP-045125 (H)	66.83 - 67.08	Auto	0.0000
L21	64	(Area) CCI-65FP-045125 (H)	66.83 - 67.08	Auto	0.0000
L21	65	(Area) CCI-65FP-045125 (H)	66.83 - 67.08	Auto	0.0000
L22	23	PL 0.75x4	64.08 - 66.83	Auto	0.0000
L22	24	PL 0.75x4	64.08 - 66.83	Auto	0.0000
L22	25	PL 0.75x4	64.08 - 66.83	Auto	0.0000
L22	26	PL 0.75x4	65.83 - 66.83	Auto	0.0000
L22	27	PL 0.75x4	65.83 - 66.83	Auto	0.0000
L22	28	PL 0.75x4	65.83 - 66.83	Auto	0.0000
L22	44	(Area) CCI-65FP-045100 (H)	64.08 - 66.08	Auto	0.0000
L22	45	(Area) CCI-65FP-045100 (H)	64.08 - 66.08	Auto	0.0000
L22	46	(Area) CCI-65FP-045100 (H)	64.08 - 64.50	Auto	0.0000
L22	63	(Area) CCI-65FP-045125 (H)	64.08 - 66.83	Auto	0.0000
L22	64	(Area) CCI-65FP-045125 (H)	64.08 - 66.83	Auto	0.0000
L22	65	(Area) CCI-65FP-045125 (H)	64.08 - 66.83	Auto	0.0000
L23	23	PL 0.75x4	63.83 - 64.08	Auto	0.0000
L23	24	PL 0.75x4	63.83 - 64.08	Auto	0.0000

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b> HRT 100 943239 (BU 806376)	<b>Page</b> 35 of 59
	<b>Project</b> TEP No. 25677.537063	<b>Date</b> 17:00:52 05/06/21
	<b>Client</b> Crown Castle	<b>Designed by</b> tmlester

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
L23	25	PL 0.75x4	63.83 - 64.08	Auto	0.0000
L23	44	(Area) CCI-65FP-045100 (H)	63.83 - 64.08	Auto	0.0000
L23	45	(Area) CCI-65FP-045100 (H)	63.83 - 64.08	Auto	0.0000
L23	46	(Area) CCI-65FP-045100 (H)	63.83 - 64.08	Auto	0.0000
L23	63	(Area) CCI-65FP-045125 (H)	63.83 - 64.08	Auto	0.0000
L23	64	(Area) CCI-65FP-045125 (H)	63.83 - 64.08	Auto	0.0000
L23	65	(Area) CCI-65FP-045125 (H)	63.83 - 64.08	Auto	0.0000
L24	23	PL 0.75x4	62.50 - 63.83	Auto	0.0000
L24	24	PL 0.75x4	62.50 - 63.83	Auto	0.0000
L24	25	PL 0.75x4	62.50 - 63.83	Auto	0.0000
L24	44	(Area) CCI-65FP-045100 (H)	62.50 - 63.83	Auto	0.0000
L24	45	(Area) CCI-65FP-045100 (H)	62.50 - 63.83	Auto	0.0000
L24	46	(Area) CCI-65FP-045100 (H)	62.50 - 63.83	Auto	0.0000
L24	63	(Area) CCI-65FP-045125 (H)	62.50 - 63.83	Auto	0.0000
L24	64	(Area) CCI-65FP-045125 (H)	62.50 - 63.83	Auto	0.0000
L24	65	(Area) CCI-65FP-045125 (H)	62.50 - 63.83	Auto	0.0000
L25	23	PL 0.75x4	62.25 - 62.50	Auto	0.0000
L25	24	PL 0.75x4	62.25 - 62.50	Auto	0.0000
L25	25	PL 0.75x4	62.25 - 62.50	Auto	0.0000
L25	44	(Area) CCI-65FP-045100 (H)	62.25 - 62.50	Auto	0.0000
L25	45	(Area) CCI-65FP-045100 (H)	62.25 - 62.50	Auto	0.0000
L25	46	(Area) CCI-65FP-045100 (H)	62.25 - 62.50	Auto	0.0000
L25	63	(Area) CCI-65FP-045125 (H)	62.25 - 62.50	Auto	0.0000
L25	64	(Area) CCI-65FP-045125 (H)	62.25 - 62.50	Auto	0.0000
L25	65	(Area) CCI-65FP-045125 (H)	62.25 - 62.50	Auto	0.0000
L26	23	PL 0.75x4	57.25 - 62.25	Auto	0.0000
L26	24	PL 0.75x4	57.25 - 62.25	Auto	0.0000
L26	25	PL 0.75x4	57.25 - 62.25	Auto	0.0000
L26	44	(Area) CCI-65FP-045100 (H)	57.25 - 62.25	Auto	0.0000
L26	45	(Area) CCI-65FP-045100 (H)	57.25 - 62.25	Auto	0.0000
L26	46	(Area) CCI-65FP-045100 (H)	57.25 - 62.25	Auto	0.0000
L26	63	(Area) CCI-65FP-045125 (H)	57.25 - 62.25	Auto	0.0000
L26	64	(Area) CCI-65FP-045125 (H)	57.25 - 62.25	Auto	0.0000
L26	65	(Area) CCI-65FP-045125 (H)	57.25 - 62.25	Auto	0.0000
L27	23	PL 0.75x4	53.50 - 57.25	Auto	0.0000
L27	24	PL 0.75x4	53.50 - 57.25	Auto	0.0000
L27	25	PL 0.75x4	53.50 - 57.25	Auto	0.0000
L27	41	(Area) CCI-65FP-060100 (H)	53.50 - 56.00	Auto	0.0745
L27	42	(Area) CCI-65FP-060100 (H)	53.50 - 56.00	Auto	0.0745
L27	44	(Area) CCI-65FP-045100 (H)	56.00 - 57.25	Auto	0.0000
L27	45	(Area) CCI-65FP-045100 (H)	56.00 - 57.25	Auto	0.0000
L27	46	(Area) CCI-65FP-045100 (H)	53.50 - 57.25	Auto	0.0000
L27	60	(Area) CCI-65FP-060100 (H)	53.50 - 55.08	Auto	0.0694
L27	61	(Area) CCI-65FP-060100 (H)	53.50 - 55.08	Auto	0.0694
L27	62	(Area) CCI-65FP-060100 (H)	53.50 - 55.08	Auto	0.0694
L27	63	(Area) CCI-65FP-045125 (H)	55.08 - 57.25	Auto	0.0000
L27	64	(Area) CCI-65FP-045125 (H)	55.08 - 57.25	Auto	0.0000
L27	65	(Area) CCI-65FP-045125 (H)	55.08 - 57.25	Auto	0.0000
L28	23	PL 0.75x4	53.25 - 53.50	Auto	0.0000
L28	24	PL 0.75x4	53.25 - 53.50	Auto	0.0000
L28	25	PL 0.75x4	53.25 - 53.50	Auto	0.0000
L28	41	(Area) CCI-65FP-060100 (H)	53.25 - 53.50	Auto	0.0703
L28	42	(Area) CCI-65FP-060100 (H)	53.25 - 53.50	Auto	0.0703
L28	46	(Area) CCI-65FP-045100 (H)	53.25 - 53.50	Auto	0.0000
L28	60	(Area) CCI-65FP-060100 (H)	53.25 - 53.50	Auto	0.0703
L28	61	(Area) CCI-65FP-060100 (H)	53.25 - 53.50	Auto	0.0703
L28	62	(Area) CCI-65FP-060100 (H)	53.25 - 53.50	Auto	0.0703
L29	23	PL 0.75x4	52.58 - 53.25	Auto	0.0000
L29	24	PL 0.75x4	52.58 - 53.25	Auto	0.0000
L29	25	PL 0.75x4	52.58 - 53.25	Auto	0.0000
L29	41	(Area) CCI-65FP-060100 (H)	52.58 - 53.25	Auto	0.0596

<p style="text-align: center;"><b>tnxTower</b></p> <p style="text-align: center;"><b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350</p>	<p><b>Job</b></p> <p style="text-align: center;">HRT 100 943239 (BU 806376)</p>	<p><b>Page</b></p> <p style="text-align: center;">36 of 59</p>
	<p><b>Project</b></p> <p style="text-align: center;">TEP No. 25677.537063</p>	<p><b>Date</b></p> <p style="text-align: center;">17:00:52 05/06/21</p>
	<p><b>Client</b></p> <p style="text-align: center;">Crown Castle</p>	<p><b>Designed by</b></p> <p style="text-align: center;">tmlester</p>

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
L29	42	(Area) CCI-65FP-060100 (H)	52.58 - 53.25	Auto	0.0596
L29	46	(Area) CCI-65FP-045100 (H)	52.58 - 53.25	Auto	0.0000
L29	60	(Area) CCI-65FP-060100 (H)	52.58 - 53.25	Auto	0.0596
L29	61	(Area) CCI-65FP-060100 (H)	52.58 - 53.25	Auto	0.0596
L29	62	(Area) CCI-65FP-060100 (H)	52.58 - 53.25	Auto	0.0596
L30	23	PL 0.75x4	52.33 - 52.58	Auto	0.0000
L30	24	PL 0.75x4	52.33 - 52.58	Auto	0.0000
L30	25	PL 0.75x4	52.33 - 52.58	Auto	0.0000
L30	41	(Area) CCI-65FP-060100 (H)	52.33 - 52.58	Auto	0.0600
L30	42	(Area) CCI-65FP-060100 (H)	52.33 - 52.58	Auto	0.0600
L30	46	(Area) CCI-65FP-045100 (H)	52.33 - 52.58	Auto	0.0000
L30	60	(Area) CCI-65FP-060100 (H)	52.33 - 52.58	Auto	0.0600
L30	61	(Area) CCI-65FP-060100 (H)	52.33 - 52.58	Auto	0.0600
L30	62	(Area) CCI-65FP-060100 (H)	52.33 - 52.58	Auto	0.0600
L31	23	PL 0.75x4	47.33 - 52.33	Auto	0.0000
L31	24	PL 0.75x4	47.33 - 52.33	Auto	0.0000
L31	25	PL 0.75x4	47.33 - 52.33	Auto	0.0000
L31	41	(Area) CCI-65FP-060100 (H)	47.33 - 52.33	Auto	0.0202
L31	42	(Area) CCI-65FP-060100 (H)	47.33 - 52.33	Auto	0.0202
L31	46	(Area) CCI-65FP-045100 (H)	47.33 - 52.33	Auto	0.0000
L31	60	(Area) CCI-65FP-060100 (H)	47.33 - 52.33	Auto	0.0202
L31	61	(Area) CCI-65FP-060100 (H)	47.33 - 52.33	Auto	0.0202
L31	62	(Area) CCI-65FP-060100 (H)	47.33 - 52.33	Auto	0.0202
L32	20	PL 0.75x4	44.58 - 45.83	Auto	0.0000
L32	21	PL 0.75x4	44.58 - 45.83	Auto	0.0000
L32	22	PL 0.75x4	44.58 - 45.83	Auto	0.0000
L32	23	PL 0.75x4	44.58 - 47.33	Auto	0.0000
L32	24	PL 0.75x4	44.58 - 47.33	Auto	0.0000
L32	25	PL 0.75x4	44.58 - 47.33	Auto	0.0000
L32	41	(Area) CCI-65FP-060100 (H)	44.58 - 47.33	Auto	0.0000
L32	42	(Area) CCI-65FP-060100 (H)	44.58 - 47.33	Auto	0.0000
L32	46	(Area) CCI-65FP-045100 (H)	44.58 - 47.33	Auto	0.0000
L32	60	(Area) CCI-65FP-060100 (H)	44.58 - 47.33	Auto	0.0000
L32	61	(Area) CCI-65FP-060100 (H)	44.58 - 47.33	Auto	0.0000
L32	62	(Area) CCI-65FP-060100 (H)	44.58 - 47.33	Auto	0.0000
L33	20	PL 0.75x4	44.33 - 44.58	Auto	0.0000
L33	21	PL 0.75x4	44.33 - 44.58	Auto	0.0000
L33	22	PL 0.75x4	44.33 - 44.58	Auto	0.0000
L33	23	PL 0.75x4	44.33 - 44.58	Auto	0.0000
L33	24	PL 0.75x4	44.33 - 44.58	Auto	0.0000
L33	25	PL 0.75x4	44.33 - 44.58	Auto	0.0000
L33	37	(Area) CCI-65FP-060100 (H)	44.33 - 44.42	Auto	0.0000
L33	41	(Area) CCI-65FP-060100 (H)	44.33 - 44.58	Auto	0.0000
L33	42	(Area) CCI-65FP-060100 (H)	44.33 - 44.58	Auto	0.0000
L33	46	(Area) CCI-65FP-045100 (H)	44.50 - 44.58	Auto	0.0000
L33	60	(Area) CCI-65FP-060100 (H)	44.33 - 44.58	Auto	0.0000
L33	61	(Area) CCI-65FP-060100 (H)	44.33 - 44.58	Auto	0.0000
L33	62	(Area) CCI-65FP-060100 (H)	44.33 - 44.58	Auto	0.0000
L34	20	PL 0.75x4	41.92 - 44.33	Auto	0.0000
L34	21	PL 0.75x4	41.92 - 44.33	Auto	0.0000
L34	22	PL 0.75x4	41.92 - 44.33	Auto	0.0000
L34	23	PL 0.75x4	43.25 - 44.33	Auto	0.0000
L34	24	PL 0.75x4	43.25 - 44.33	Auto	0.0000
L34	25	PL 0.75x4	43.25 - 44.33	Auto	0.0000
L34	37	(Area) CCI-65FP-060100 (H)	41.92 - 44.33	Auto	0.0000
L34	41	(Area) CCI-65FP-060100 (H)	41.92 - 44.33	Auto	0.0000
L34	42	(Area) CCI-65FP-060100 (H)	41.92 - 44.33	Auto	0.0000
L34	60	(Area) CCI-65FP-060100 (H)	41.92 - 44.33	Auto	0.0000
L34	61	(Area) CCI-65FP-060100 (H)	41.92 - 44.33	Auto	0.0000
L34	62	(Area) CCI-65FP-060100 (H)	41.92 - 44.33	Auto	0.0000
L35	20	PL 0.75x4	41.67 - 41.92	Auto	0.0000



<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b> HRT 100 943239 (BU 806376)	<b>Page</b> 37 of 59
	<b>Project</b> TEP No. 25677.537063	<b>Date</b> 17:00:52 05/06/21
	<b>Client</b> Crown Castle	<b>Designed by</b> tmlester

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
L35	21	PL 0.75x4	41.67 - 41.92	Auto	0.0000
L35	22	PL 0.75x4	41.67 - 41.92	Auto	0.0000
L35	37	(Area) CCI-65FP-060100 (H)	41.67 - 41.92	Auto	0.0000
L35	41	(Area) CCI-65FP-060100 (H)	41.67 - 41.92	Auto	0.0000
L35	42	(Area) CCI-65FP-060100 (H)	41.67 - 41.92	Auto	0.0000
L35	60	(Area) CCI-65FP-060100 (H)	41.67 - 41.92	Auto	0.0000
L35	61	(Area) CCI-65FP-060100 (H)	41.67 - 41.92	Auto	0.0000
L35	62	(Area) CCI-65FP-060100 (H)	41.67 - 41.92	Auto	0.0000
L36	20	PL 0.75x4	34.08 - 41.67	Auto	0.0000
L36	21	PL 0.75x4	34.08 - 41.67	Auto	0.0000
L36	22	PL 0.75x4	34.08 - 41.67	Auto	0.0000
L36	37	(Area) CCI-65FP-060100 (H)	34.08 - 41.67	Auto	0.0000
L36	41	(Area) CCI-65FP-060100 (H)	34.08 - 41.67	Auto	0.0000
L36	42	(Area) CCI-65FP-060100 (H)	34.08 - 41.67	Auto	0.0000
L36	60	(Area) CCI-65FP-060100 (H)	34.08 - 41.67	Auto	0.0000
L36	61	(Area) CCI-65FP-060100 (H)	34.08 - 41.67	Auto	0.0000
L36	62	(Area) CCI-65FP-060100 (H)	34.08 - 41.67	Auto	0.0000
L37	20	PL 0.75x4	34.00 - 34.08	Auto	0.0000
L37	21	PL 0.75x4	34.00 - 34.08	Auto	0.0000
L37	22	PL 0.75x4	34.00 - 34.08	Auto	0.0000
L37	37	(Area) CCI-65FP-060100 (H)	34.00 - 34.08	Auto	0.0000
L37	41	(Area) CCI-65FP-060100 (H)	34.00 - 34.08	Auto	0.0000
L37	42	(Area) CCI-65FP-060100 (H)	34.00 - 34.08	Auto	0.0000
L37	60	(Area) CCI-65FP-060100 (H)	34.00 - 34.08	Auto	0.0000
L37	61	(Area) CCI-65FP-060100 (H)	34.00 - 34.08	Auto	0.0000
L37	62	(Area) CCI-65FP-060100 (H)	34.00 - 34.08	Auto	0.0000
L38	20	PL 0.75x4	29.00 - 34.00	Auto	0.0000
L38	21	PL 0.75x4	29.00 - 34.00	Auto	0.0000
L38	22	PL 0.75x4	29.00 - 34.00	Auto	0.0000
L38	37	(Area) CCI-65FP-060100 (H)	29.00 - 34.00	Auto	0.0000
L38	38	(Area) CCI-65FP-060100 (H)	29.00 - 29.42	Auto	0.0000
L38	39	(Area) CCI-65FP-060100 (H)	29.00 - 29.42	Auto	0.0000
L38	41	(Area) CCI-65FP-060100 (H)	29.00 - 34.00	Auto	0.0000
L38	42	(Area) CCI-65FP-060100 (H)	29.00 - 34.00	Auto	0.0000
L38	60	(Area) CCI-65FP-060100 (H)	29.00 - 34.00	Auto	0.0000
L38	61	(Area) CCI-65FP-060100 (H)	29.00 - 34.00	Auto	0.0000
L38	62	(Area) CCI-65FP-060100 (H)	29.00 - 34.00	Auto	0.0000
L39	20	PL 0.75x4	26.92 - 29.00	Auto	0.0000
L39	21	PL 0.75x4	26.92 - 29.00	Auto	0.0000
L39	22	PL 0.75x4	26.92 - 29.00	Auto	0.0000
L39	37	(Area) CCI-65FP-060100 (H)	26.92 - 29.00	Auto	0.0000
L39	38	(Area) CCI-65FP-060100 (H)	26.92 - 29.00	Auto	0.0000
L39	39	(Area) CCI-65FP-060100 (H)	26.92 - 29.00	Auto	0.0000
L39	41	(Area) CCI-65FP-060100 (H)	26.92 - 29.00	Auto	0.0000
L39	42	(Area) CCI-65FP-060100 (H)	26.92 - 29.00	Auto	0.0000
L39	60	(Area) CCI-65FP-060100 (H)	26.92 - 29.00	Auto	0.0000
L39	61	(Area) CCI-65FP-060100 (H)	26.92 - 29.00	Auto	0.0000
L39	62	(Area) CCI-65FP-060100 (H)	26.92 - 29.00	Auto	0.0000
L40	20	PL 0.75x4	26.67 - 26.92	Auto	0.0000
L40	21	PL 0.75x4	26.67 - 26.92	Auto	0.0000
L40	22	PL 0.75x4	26.67 - 26.92	Auto	0.0000
L40	37	(Area) CCI-65FP-060100 (H)	26.67 - 26.92	Auto	0.0000
L40	38	(Area) CCI-65FP-060100 (H)	26.67 - 26.92	Auto	0.0000
L40	39	(Area) CCI-65FP-060100 (H)	26.67 - 26.92	Auto	0.0000
L40	41	(Area) CCI-65FP-060100 (H)	26.67 - 26.92	Auto	0.0000
L40	42	(Area) CCI-65FP-060100 (H)	26.67 - 26.92	Auto	0.0000
L40	60	(Area) CCI-65FP-060100 (H)	26.67 - 26.92	Auto	0.0000
L40	61	(Area) CCI-65FP-060100 (H)	26.67 - 26.92	Auto	0.0000
L40	62	(Area) CCI-65FP-060100 (H)	26.67 - 26.92	Auto	0.0000
L41	20	PL 0.75x4	21.67 - 26.67	Auto	0.0000
L41	21	PL 0.75x4	21.67 - 26.67	Auto	0.0000

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b> HRT 100 943239 (BU 806376)	<b>Page</b> 38 of 59
	<b>Project</b> TEP No. 25677.537063	<b>Date</b> 17:00:52 05/06/21
	<b>Client</b> Crown Castle	<b>Designed by</b> tmlester

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
L41	22	PL 0.75x4	21.67 - 26.67	Auto	0.0000
L41	37	(Area) CCI-65FP-060100 (H)	21.67 - 26.67	Auto	0.0000
L41	38	(Area) CCI-65FP-060100 (H)	21.67 - 26.67	Auto	0.0000
L41	39	(Area) CCI-65FP-060100 (H)	21.67 - 26.67	Auto	0.0000
L41	41	(Area) CCI-65FP-060100 (H)	21.67 - 26.67	Auto	0.0000
L41	42	(Area) CCI-65FP-060100 (H)	21.67 - 26.67	Auto	0.0000
L41	60	(Area) CCI-65FP-060100 (H)	21.67 - 26.67	Auto	0.0000
L41	61	(Area) CCI-65FP-060100 (H)	21.67 - 26.67	Auto	0.0000
L41	62	(Area) CCI-65FP-060100 (H)	21.67 - 26.67	Auto	0.0000
L42	20	PL 0.75x4	18.00 - 21.67	Auto	0.0000
L42	21	PL 0.75x4	18.00 - 21.67	Auto	0.0000
L42	22	PL 0.75x4	18.00 - 21.67	Auto	0.0000
L42	34	(Area) CCI-65FP-060100 (H)	18.00 - 20.75	Auto	0.0000
L42	35	(Area) CCI-65FP-060100 (H)	18.00 - 20.75	Auto	0.0000
L42	36	(Area) CCI-65FP-060100 (H)	18.00 - 20.75	Auto	0.0000
L42	37	(Area) CCI-65FP-060100 (H)	20.75 - 21.67	Auto	0.0000
L42	38	(Area) CCI-65FP-060100 (H)	20.75 - 21.67	Auto	0.0000
L42	39	(Area) CCI-65FP-060100 (H)	20.75 - 21.67	Auto	0.0000
L42	41	(Area) CCI-65FP-060100 (H)	21.00 - 21.67	Auto	0.0000
L42	42	(Area) CCI-65FP-060100 (H)	21.00 - 21.67	Auto	0.0000
L42	53	(Area) CCI-65FP-065125 (H)	18.00 - 20.75	Auto	0.0000
L42	54	(Area) CCI-65FP-065125 (H)	18.00 - 20.75	Auto	0.0000
L42	55	(Area) CCI-65FP-065125 (H)	18.00 - 20.75	Auto	0.0000
L42	57	(Area) CCI-65FP-060100 (H)	18.00 - 20.00	Auto	0.0000
L42	58	(Area) CCI-65FP-060100 (H)	18.00 - 20.00	Auto	0.0000
L42	59	(Area) CCI-65FP-060100 (H)	18.00 - 20.00	Auto	0.0000
L42	60	(Area) CCI-65FP-060100 (H)	20.00 - 21.67	Auto	0.0000
L42	61	(Area) CCI-65FP-060100 (H)	20.00 - 21.67	Auto	0.0000
L42	62	(Area) CCI-65FP-060100 (H)	20.00 - 21.67	Auto	0.0000
L43	20	PL 0.75x4	17.75 - 18.00	Auto	0.0000
L43	21	PL 0.75x4	17.75 - 18.00	Auto	0.0000
L43	22	PL 0.75x4	17.75 - 18.00	Auto	0.0000
L43	34	(Area) CCI-65FP-060100 (H)	17.75 - 18.00	Auto	0.0000
L43	35	(Area) CCI-65FP-060100 (H)	17.75 - 18.00	Auto	0.0000
L43	36	(Area) CCI-65FP-060100 (H)	17.75 - 18.00	Auto	0.0000
L43	53	(Area) CCI-65FP-065125 (H)	17.75 - 18.00	Auto	0.0000
L43	54	(Area) CCI-65FP-065125 (H)	17.75 - 18.00	Auto	0.0000
L43	55	(Area) CCI-65FP-065125 (H)	17.75 - 18.00	Auto	0.0000
L43	57	(Area) CCI-65FP-060100 (H)	17.75 - 18.00	Auto	0.0000
L43	58	(Area) CCI-65FP-060100 (H)	17.75 - 18.00	Auto	0.0000
L43	59	(Area) CCI-65FP-060100 (H)	17.75 - 18.00	Auto	0.0000
L44	20	PL 0.75x4	17.50 - 17.75	Auto	0.0000
L44	21	PL 0.75x4	17.50 - 17.75	Auto	0.0000
L44	22	PL 0.75x4	17.50 - 17.75	Auto	0.0000
L44	34	(Area) CCI-65FP-060100 (H)	17.50 - 17.75	Auto	0.0000
L44	35	(Area) CCI-65FP-060100 (H)	17.50 - 17.75	Auto	0.0000
L44	36	(Area) CCI-65FP-060100 (H)	17.50 - 17.75	Auto	0.0000
L44	53	(Area) CCI-65FP-065125 (H)	17.50 - 17.75	Auto	0.0000
L44	54	(Area) CCI-65FP-065125 (H)	17.50 - 17.75	Auto	0.0000
L44	55	(Area) CCI-65FP-065125 (H)	17.50 - 17.75	Auto	0.0000
L44	57	(Area) CCI-65FP-060100 (H)	17.50 - 17.75	Auto	0.0000
L44	58	(Area) CCI-65FP-060100 (H)	17.50 - 17.75	Auto	0.0000
L44	59	(Area) CCI-65FP-060100 (H)	17.50 - 17.75	Auto	0.0000
L45	20	PL 0.75x4	17.25 - 17.50	Auto	0.0000
L45	21	PL 0.75x4	17.25 - 17.50	Auto	0.0000
L45	22	PL 0.75x4	17.25 - 17.50	Auto	0.0000
L45	34	(Area) CCI-65FP-060100 (H)	17.25 - 17.50	Auto	0.0000
L45	35	(Area) CCI-65FP-060100 (H)	17.25 - 17.50	Auto	0.0000
L45	36	(Area) CCI-65FP-060100 (H)	17.25 - 17.50	Auto	0.0000
L45	53	(Area) CCI-65FP-065125 (H)	17.25 - 17.50	Auto	0.0000
L45	54	(Area) CCI-65FP-065125 (H)	17.25 - 17.50	Auto	0.0000

<p><b>tnxTower</b></p> <p><i>Tower Engineering Professionals, Inc.</i>  326 Tryon Road  Raleigh, NC 27603  Phone: (919) 661-6351  FAX: (919) 661-6350</p>	<b>Job</b> HRT 100 943239 (BU 806376)	<b>Page</b> 39 of 59
	<b>Project</b> TEP No. 25677.537063	<b>Date</b> 17:00:52 05/06/21
	<b>Client</b> Crown Castle	<b>Designed by</b> tmlester

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
L45	55	(Area) CCI-65FP-065125 (H)	17.25 - 17.50	Auto	0.0000
L45	57	(Area) CCI-65FP-060100 (H)	17.25 - 17.50	Auto	0.0000
L45	58	(Area) CCI-65FP-060100 (H)	17.25 - 17.50	Auto	0.0000
L45	59	(Area) CCI-65FP-060100 (H)	17.25 - 17.50	Auto	0.0000
L46	20	PL 0.75x4	17.08 - 17.25	Auto	0.0000
L46	21	PL 0.75x4	17.08 - 17.25	Auto	0.0000
L46	22	PL 0.75x4	17.08 - 17.25	Auto	0.0000
L46	34	(Area) CCI-65FP-060100 (H)	17.08 - 17.25	Auto	0.0000
L46	35	(Area) CCI-65FP-060100 (H)	17.08 - 17.25	Auto	0.0000
L46	36	(Area) CCI-65FP-060100 (H)	17.08 - 17.25	Auto	0.0000
L46	53	(Area) CCI-65FP-065125 (H)	17.08 - 17.25	Auto	0.0000
L46	54	(Area) CCI-65FP-065125 (H)	17.08 - 17.25	Auto	0.0000
L46	55	(Area) CCI-65FP-065125 (H)	17.08 - 17.25	Auto	0.0000
L46	57	(Area) CCI-65FP-060100 (H)	17.08 - 17.25	Auto	0.0000
L46	58	(Area) CCI-65FP-060100 (H)	17.08 - 17.25	Auto	0.0000
L46	59	(Area) CCI-65FP-060100 (H)	17.08 - 17.25	Auto	0.0000
L47	20	PL 0.75x4	16.83 - 17.08	Auto	0.0000
L47	21	PL 0.75x4	16.83 - 17.08	Auto	0.0000
L47	22	PL 0.75x4	16.83 - 17.08	Auto	0.0000
L47	34	(Area) CCI-65FP-060100 (H)	16.83 - 17.08	Auto	0.0000
L47	35	(Area) CCI-65FP-060100 (H)	16.83 - 17.08	Auto	0.0000
L47	36	(Area) CCI-65FP-060100 (H)	16.83 - 17.08	Auto	0.0000
L47	53	(Area) CCI-65FP-065125 (H)	16.83 - 17.08	Auto	0.0000
L47	54	(Area) CCI-65FP-065125 (H)	16.83 - 17.08	Auto	0.0000
L47	55	(Area) CCI-65FP-065125 (H)	16.83 - 17.08	Auto	0.0000
L47	57	(Area) CCI-65FP-060100 (H)	16.83 - 17.08	Auto	0.0000
L47	58	(Area) CCI-65FP-060100 (H)	16.83 - 17.08	Auto	0.0000
L47	59	(Area) CCI-65FP-060100 (H)	16.83 - 17.08	Auto	0.0000
L48	20	PL 0.75x4	15.83 - 16.83	Auto	0.0000
L48	21	PL 0.75x4	15.83 - 16.83	Auto	0.0000
L48	22	PL 0.75x4	15.83 - 16.83	Auto	0.0000
L48	30	(Area) CCI-65FP-060100 (H)	13.00 - 15.50	Auto	0.0000
L48	31	(Area) CCI-65FP-060100 (H)	13.00 - 15.50	Auto	0.0000
L48	32	(Area) CCI-65FP-060100 (H)	13.00 - 15.50	Auto	0.0000
L48	34	(Area) CCI-65FP-060100 (H)	13.00 - 16.83	Auto	0.0000
L48	35	(Area) CCI-65FP-060100 (H)	13.00 - 16.83	Auto	0.0000
L48	36	(Area) CCI-65FP-060100 (H)	13.00 - 16.83	Auto	0.0000
L48	53	(Area) CCI-65FP-065125 (H)	13.00 - 16.83	Auto	0.0000
L48	54	(Area) CCI-65FP-065125 (H)	13.00 - 16.83	Auto	0.0000
L48	55	(Area) CCI-65FP-065125 (H)	13.00 - 16.83	Auto	0.0000
L48	57	(Area) CCI-65FP-060100 (H)	13.00 - 16.83	Auto	0.0000
L48	58	(Area) CCI-65FP-060100 (H)	13.00 - 16.83	Auto	0.0000
L48	59	(Area) CCI-65FP-060100 (H)	13.00 - 16.83	Auto	0.0000
L49	30	(Area) CCI-65FP-060100 (H)	12.75 - 13.00	Auto	0.0000
L49	31	(Area) CCI-65FP-060100 (H)	12.75 - 13.00	Auto	0.0000
L49	32	(Area) CCI-65FP-060100 (H)	12.75 - 13.00	Auto	0.0000
L49	34	(Area) CCI-65FP-060100 (H)	12.75 - 13.00	Auto	0.0000
L49	35	(Area) CCI-65FP-060100 (H)	12.75 - 13.00	Auto	0.0000
L49	36	(Area) CCI-65FP-060100 (H)	12.75 - 13.00	Auto	0.0000
L49	53	(Area) CCI-65FP-065125 (H)	12.75 - 13.00	Auto	0.0000
L49	54	(Area) CCI-65FP-065125 (H)	12.75 - 13.00	Auto	0.0000
L49	55	(Area) CCI-65FP-065125 (H)	12.75 - 13.00	Auto	0.0000
L49	57	(Area) CCI-65FP-060100 (H)	12.75 - 13.00	Auto	0.0000
L49	58	(Area) CCI-65FP-060100 (H)	12.75 - 13.00	Auto	0.0000
L49	59	(Area) CCI-65FP-060100 (H)	12.75 - 13.00	Auto	0.0000
L50	30	(Area) CCI-65FP-060100 (H)	11.92 - 12.75	Auto	0.0000
L50	31	(Area) CCI-65FP-060100 (H)	11.92 - 12.75	Auto	0.0000
L50	32	(Area) CCI-65FP-060100 (H)	11.92 - 12.75	Auto	0.0000
L50	34	(Area) CCI-65FP-060100 (H)	11.92 - 12.75	Auto	0.0000
L50	35	(Area) CCI-65FP-060100 (H)	11.92 - 12.75	Auto	0.0000
L50	36	(Area) CCI-65FP-060100 (H)	11.92 - 12.75	Auto	0.0000

<p><b>tnxTower</b></p> <p><i>Tower Engineering Professionals, Inc.</i>  326 Tryon Road  Raleigh, NC 27603  Phone: (919) 661-6351  FAX: (919) 661-6350</p>	<b>Job</b> HRT 100 943239 (BU 806376)	<b>Page</b> 40 of 59
	<b>Project</b> TEP No. 25677.537063	<b>Date</b> 17:00:52 05/06/21
	<b>Client</b> Crown Castle	<b>Designed by</b> tmlester

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
L50	53	(Area) CCI-65FP-065125 (H)	11.92 - 12.75	Auto	0.0000
L50	54	(Area) CCI-65FP-065125 (H)	11.92 - 12.75	Auto	0.0000
L50	55	(Area) CCI-65FP-065125 (H)	11.92 - 12.75	Auto	0.0000
L50	57	(Area) CCI-65FP-060100 (H)	11.92 - 12.75	Auto	0.0000
L50	58	(Area) CCI-65FP-060100 (H)	11.92 - 12.75	Auto	0.0000
L50	59	(Area) CCI-65FP-060100 (H)	11.92 - 12.75	Auto	0.0000
L51	30	(Area) CCI-65FP-060100 (H)	11.67 - 11.92	Auto	0.0000
L51	31	(Area) CCI-65FP-060100 (H)	11.67 - 11.92	Auto	0.0000
L51	32	(Area) CCI-65FP-060100 (H)	11.67 - 11.92	Auto	0.0000
L51	34	(Area) CCI-65FP-060100 (H)	11.67 - 11.92	Auto	0.0000
L51	35	(Area) CCI-65FP-060100 (H)	11.67 - 11.92	Auto	0.0000
L51	36	(Area) CCI-65FP-060100 (H)	11.67 - 11.92	Auto	0.0000
L51	53	(Area) CCI-65FP-065125 (H)	11.67 - 11.92	Auto	0.0000
L51	54	(Area) CCI-65FP-065125 (H)	11.67 - 11.92	Auto	0.0000
L51	55	(Area) CCI-65FP-065125 (H)	11.67 - 11.92	Auto	0.0000
L51	57	(Area) CCI-65FP-060100 (H)	11.67 - 11.92	Auto	0.0000
L51	58	(Area) CCI-65FP-060100 (H)	11.67 - 11.92	Auto	0.0000
L51	59	(Area) CCI-65FP-060100 (H)	11.67 - 11.92	Auto	0.0000
L52	30	(Area) CCI-65FP-060100 (H)	6.67 - 11.67	Auto	0.0000
L52	31	(Area) CCI-65FP-060100 (H)	6.67 - 11.67	Auto	0.0000
L52	32	(Area) CCI-65FP-060100 (H)	6.67 - 11.67	Auto	0.0000
L52	34	(Area) CCI-65FP-060100 (H)	9.42 - 11.67	Auto	0.0000
L52	35	(Area) CCI-65FP-060100 (H)	9.42 - 11.67	Auto	0.0000
L52	36	(Area) CCI-65FP-060100 (H)	9.42 - 11.67	Auto	0.0000
L52	52	(Area) CCI-65FP-065125 (H)	6.67 - 9.25	Auto	0.0000
L52	53	(Area) CCI-65FP-065125 (H)	6.67 - 11.67	Auto	0.0000
L52	54	(Area) CCI-65FP-065125 (H)	6.67 - 11.67	Auto	0.0000
L52	55	(Area) CCI-65FP-065125 (H)	6.67 - 11.67	Auto	0.0000
L52	57	(Area) CCI-65FP-060100 (H)	6.67 - 11.67	Auto	0.0000
L52	58	(Area) CCI-65FP-060100 (H)	6.67 - 11.67	Auto	0.0000
L52	59	(Area) CCI-65FP-060100 (H)	6.67 - 11.67	Auto	0.0000
L53	30	(Area) CCI-65FP-060100 (H)	6.50 - 6.67	Auto	0.0000
L53	31	(Area) CCI-65FP-060100 (H)	6.50 - 6.67	Auto	0.0000
L53	32	(Area) CCI-65FP-060100 (H)	6.50 - 6.67	Auto	0.0000
L53	52	(Area) CCI-65FP-065125 (H)	6.50 - 6.67	Auto	0.0000
L53	53	(Area) CCI-65FP-065125 (H)	6.50 - 6.67	Auto	0.0000
L53	54	(Area) CCI-65FP-065125 (H)	6.50 - 6.67	Auto	0.0000
L53	55	(Area) CCI-65FP-065125 (H)	6.50 - 6.67	Auto	0.0000
L53	57	(Area) CCI-65FP-060100 (H)	6.50 - 6.67	Auto	0.0000
L53	58	(Area) CCI-65FP-060100 (H)	6.50 - 6.67	Auto	0.0000
L53	59	(Area) CCI-65FP-060100 (H)	6.50 - 6.67	Auto	0.0000
L54	30	(Area) CCI-65FP-060100 (H)	6.25 - 6.50	Auto	0.0000
L54	31	(Area) CCI-65FP-060100 (H)	6.25 - 6.50	Auto	0.0000
L54	32	(Area) CCI-65FP-060100 (H)	6.25 - 6.50	Auto	0.0000
L54	52	(Area) CCI-65FP-065125 (H)	6.25 - 6.50	Auto	0.0000
L54	53	(Area) CCI-65FP-065125 (H)	6.25 - 6.50	Auto	0.0000
L54	54	(Area) CCI-65FP-065125 (H)	6.25 - 6.50	Auto	0.0000
L54	55	(Area) CCI-65FP-065125 (H)	6.25 - 6.50	Auto	0.0000
L54	57	(Area) CCI-65FP-060100 (H)	6.25 - 6.50	Auto	0.0000
L54	58	(Area) CCI-65FP-060100 (H)	6.25 - 6.50	Auto	0.0000
L54	59	(Area) CCI-65FP-060100 (H)	6.25 - 6.50	Auto	0.0000
L55	30	(Area) CCI-65FP-060100 (H)	3.75 - 6.25	Auto	0.0000
L55	31	(Area) CCI-65FP-060100 (H)	3.75 - 6.25	Auto	0.0000
L55	32	(Area) CCI-65FP-060100 (H)	3.75 - 6.25	Auto	0.0000
L55	52	(Area) CCI-65FP-065125 (H)	3.75 - 6.25	Auto	0.0000
L55	53	(Area) CCI-65FP-065125 (H)	3.75 - 6.25	Auto	0.0000
L55	54	(Area) CCI-65FP-065125 (H)	3.75 - 6.25	Auto	0.0000
L55	55	(Area) CCI-65FP-065125 (H)	3.75 - 6.25	Auto	0.0000
L55	57	(Area) CCI-65FP-060100 (H)	3.75 - 6.25	Auto	0.0000
L55	58	(Area) CCI-65FP-060100 (H)	3.75 - 6.25	Auto	0.0000
L55	59	(Area) CCI-65FP-060100 (H)	3.75 - 6.25	Auto	0.0000

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b> HRT 100 943239 (BU 806376)	<b>Page</b> 41 of 59
	<b>Project</b> TEP No. 25677.537063	<b>Date</b> 17:00:52 05/06/21
	<b>Client</b> Crown Castle	<b>Designed by</b> tmlester

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
L56	30	(Area) CCI-65FP-060100 (H)	3.50 - 3.75	Auto	0.0000
L56	31	(Area) CCI-65FP-060100 (H)	3.50 - 3.75	Auto	0.0000
L56	32	(Area) CCI-65FP-060100 (H)	3.50 - 3.75	Auto	0.0000
L56	52	(Area) CCI-65FP-065125 (H)	3.50 - 3.75	Auto	0.0000
L56	53	(Area) CCI-65FP-065125 (H)	3.50 - 3.75	Auto	0.0000
L56	54	(Area) CCI-65FP-065125 (H)	3.50 - 3.75	Auto	0.0000
L56	55	(Area) CCI-65FP-065125 (H)	3.50 - 3.75	Auto	0.0000
L56	57	(Area) CCI-65FP-060100 (H)	3.50 - 3.75	Auto	0.0000
L56	58	(Area) CCI-65FP-060100 (H)	3.50 - 3.75	Auto	0.0000
L56	59	(Area) CCI-65FP-060100 (H)	3.50 - 3.75	Auto	0.0000
L57	30	(Area) CCI-65FP-060100 (H)	3.00 - 3.50	Auto	0.0000
L57	31	(Area) CCI-65FP-060100 (H)	3.00 - 3.50	Auto	0.0000
L57	32	(Area) CCI-65FP-060100 (H)	3.00 - 3.50	Auto	0.0000
L57	52	(Area) CCI-65FP-065125 (H)	3.00 - 3.50	Auto	0.0000
L57	53	(Area) CCI-65FP-065125 (H)	3.00 - 3.50	Auto	0.0000
L57	54	(Area) CCI-65FP-065125 (H)	3.00 - 3.50	Auto	0.0000
L57	55	(Area) CCI-65FP-065125 (H)	3.00 - 3.50	Auto	0.0000
L57	57	(Area) CCI-65FP-060100 (H)	3.00 - 3.50	Auto	0.0000
L57	58	(Area) CCI-65FP-060100 (H)	3.00 - 3.50	Auto	0.0000
L57	59	(Area) CCI-65FP-060100 (H)	3.00 - 3.50	Auto	0.0000
L58	30	(Area) CCI-65FP-060100 (H)	2.75 - 3.00	Auto	0.0000
L58	31	(Area) CCI-65FP-060100 (H)	2.75 - 3.00	Auto	0.0000
L58	32	(Area) CCI-65FP-060100 (H)	2.75 - 3.00	Auto	0.0000
L58	52	(Area) CCI-65FP-065125 (H)	2.75 - 3.00	Auto	0.0000
L58	53	(Area) CCI-65FP-065125 (H)	2.75 - 3.00	Auto	0.0000
L58	54	(Area) CCI-65FP-065125 (H)	2.75 - 3.00	Auto	0.0000
L58	55	(Area) CCI-65FP-065125 (H)	2.75 - 3.00	Auto	0.0000
L58	57	(Area) CCI-65FP-060100 (H)	2.75 - 3.00	Auto	0.0000
L58	58	(Area) CCI-65FP-060100 (H)	2.75 - 3.00	Auto	0.0000
L58	59	(Area) CCI-65FP-060100 (H)	2.75 - 3.00	Auto	0.0000
L59	30	(Area) CCI-65FP-060100 (H)	0.00 - 2.75	Auto	0.0000
L59	31	(Area) CCI-65FP-060100 (H)	0.00 - 2.75	Auto	0.0000
L59	32	(Area) CCI-65FP-060100 (H)	0.00 - 2.75	Auto	0.0000
L59	52	(Area) CCI-65FP-065125 (H)	0.00 - 2.75	Auto	0.0000
L59	53	(Area) CCI-65FP-065125 (H)	0.00 - 2.75	Auto	0.0000
L59	54	(Area) CCI-65FP-065125 (H)	0.00 - 2.75	Auto	0.0000
L59	55	(Area) CCI-65FP-065125 (H)	0.00 - 2.75	Auto	0.0000
L59	57	(Area) CCI-65FP-060100 (H)	0.00 - 2.75	Auto	0.0000
L59	58	(Area) CCI-65FP-060100 (H)	0.00 - 2.75	Auto	0.0000
L59	59	(Area) CCI-65FP-060100 (H)	0.00 - 2.75	Auto	0.0000

### Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C <sub>A</sub> A <sub>Front</sub>	C <sub>A</sub> A <sub>Side</sub>	Weight	
			Horz	Vert						
			ft	ft	°	ft	ft <sup>2</sup>	ft <sup>2</sup>	K	
80010798 w/ Mount Pipe	A	From Centroid-Le g	4.0000	0.00	0.00	121.0000	No Ice	7.7900	4.9000	0.11
			0.00				1/2" Ice	8.4000	5.4700	0.19
			-1.00				1" Ice	9.0200	6.0600	0.27
							2" Ice	10.3000	7.2600	0.48

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b>	HRT 100 943239 (BU 806376)	<b>Page</b>	42 of 59
	<b>Project</b>	TEP No. 25677.537063	<b>Date</b>	17:00:52 05/06/21
	<b>Client</b>	Crown Castle	<b>Designed by</b>	tmlster

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C <sub>AA</sub> Front	C <sub>AA</sub> Side	Weight	
			Horz	Lateral Vert						
			ft	ft	°	ft	ft <sup>2</sup>	ft <sup>2</sup>	K	
80010798 w/ Mount Pipe	B	From Centroid-Le g	4.0000	0.00	0.00	121.0000	No Ice	7.7900	4.9000	0.11
			0.00	0.00			1/2" Ice	8.4000	5.4700	0.19
			-1.00	-1.00			1" Ice	9.0200	6.0600	0.27
							2" Ice	10.3000	7.2600	0.48
80010798 w/ Mount Pipe	C	From Centroid-Le g	4.0000	0.00	0.00	121.0000	No Ice	7.7900	4.9000	0.11
			0.00	0.00			1/2" Ice	8.4000	5.4700	0.19
			-1.00	-1.00			1" Ice	9.0200	6.0600	0.27
							2" Ice	10.3000	7.2600	0.48
(2) 80010965 w/ Mount Pipe	A	From Centroid-Le g	4.0000	0.00	0.00	121.0000	No Ice	12.2600	5.7900	0.14
			0.00	0.00			1/2" Ice	13.0300	6.4700	0.23
			-1.00	-1.00			1" Ice	13.8000	7.1700	0.33
							2" Ice	15.4100	8.6000	0.57
(2) 80010965 w/ Mount Pipe	B	From Centroid-Le g	4.0000	0.00	0.00	121.0000	No Ice	12.2600	5.7900	0.14
			0.00	0.00			1/2" Ice	13.0300	6.4700	0.23
			-1.00	-1.00			1" Ice	13.8000	7.1700	0.33
							2" Ice	15.4100	8.6000	0.57
(2) 80010965 w/ Mount Pipe	C	From Centroid-Le g	4.0000	0.00	0.00	121.0000	No Ice	12.2600	5.7900	0.14
			0.00	0.00			1/2" Ice	13.0300	6.4700	0.23
			-1.00	-1.00			1" Ice	13.8000	7.1700	0.33
							2" Ice	15.4100	8.6000	0.57
800 10121 w/ Mount Pipe	A	From Centroid-Le g	4.0000	0.00	0.00	121.0000	No Ice	3.6000	2.9500	0.07
			0.00	0.00			1/2" Ice	4.0000	3.3400	0.11
			-1.00	-1.00			1" Ice	4.4200	3.7400	0.17
							2" Ice	5.2900	4.5900	0.30
800 10121 w/ Mount Pipe	B	From Centroid-Le g	4.0000	0.00	0.00	121.0000	No Ice	3.6000	2.9500	0.07
			0.00	0.00			1/2" Ice	4.0000	3.3400	0.11
			-1.00	-1.00			1" Ice	4.4200	3.7400	0.17
							2" Ice	5.2900	4.5900	0.30
800 10121 w/ Mount Pipe	C	From Centroid-Le g	4.0000	0.00	0.00	121.0000	No Ice	3.6000	2.9500	0.07
			0.00	0.00			1/2" Ice	4.0000	3.3400	0.11
			-1.00	-1.00			1" Ice	4.4200	3.7400	0.17
							2" Ice	5.2900	4.5900	0.30
RRUS E2 B29	A	From Centroid-Le g	4.0000	0.00	0.00	121.0000	No Ice	3.1450	1.2854	0.06
			0.00	0.00			1/2" Ice	3.3648	1.4379	0.08
			-1.00	-1.00			1" Ice	3.5920	1.5998	0.11
							2" Ice	4.0687	1.9543	0.17
RRUS E2 B29	B	From Centroid-Le g	4.0000	0.00	0.00	121.0000	No Ice	3.1450	1.2854	0.06
			0.00	0.00			1/2" Ice	3.3648	1.4379	0.08
			-1.00	-1.00			1" Ice	3.5920	1.5998	0.11
							2" Ice	4.0687	1.9543	0.17
RRUS E2 B29	C	From Centroid-Le g	4.0000	0.00	0.00	121.0000	No Ice	3.1450	1.2854	0.06
			0.00	0.00			1/2" Ice	3.3648	1.4379	0.08
			-1.00	-1.00			1" Ice	3.5920	1.5998	0.11
							2" Ice	4.0687	1.9543	0.17
RRUS 8843 B2/B66A	A	From Centroid-Le g	4.0000	0.00	0.00	121.0000	No Ice	1.6390	1.3534	0.07
			0.00	0.00			1/2" Ice	1.7988	1.5005	0.09
			-1.00	-1.00			1" Ice	1.9660	1.6549	0.11
							2" Ice	2.3227	1.9860	0.16
RRUS 8843 B2/B66A	B	From Centroid-Le g	4.0000	0.00	0.00	121.0000	No Ice	1.6390	1.3534	0.07
			0.00	0.00			1/2" Ice	1.7988	1.5005	0.09
			-1.00	-1.00			1" Ice	1.9660	1.6549	0.11
							2" Ice	2.3227	1.9860	0.16
RRUS 8843 B2/B66A	C	From Centroid-Le g	4.0000	0.00	0.00	121.0000	No Ice	1.6390	1.3534	0.07
			0.00	0.00			1/2" Ice	1.7988	1.5005	0.09
			-1.00	-1.00			1" Ice	1.9660	1.6549	0.11
							2" Ice	2.3227	1.9860	0.16
RRUS 32 B30	A	From	4.0000	0.00	0.00	121.0000	No Ice	2.7313	1.6681	0.05

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b>	HRT 100 943239 (BU 806376)	<b>Page</b>	43 of 59
	<b>Project</b>	TEP No. 25677.537063	<b>Date</b>	17:00:52 05/06/21
	<b>Client</b>	Crown Castle	<b>Designed by</b>	tmlster

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C <sub>AA</sub> Front	C <sub>AA</sub> Side	Weight
			Horz	Vert					
			ft	ft	°	ft	ft <sup>2</sup>	ft <sup>2</sup>	K
RRUS 32 B30	B	Centroid-Le	0.00			1/2" Ice	2.9531	1.8552	0.07
		g	-1.00			1" Ice	3.1823	2.0493	0.10
						2" Ice	3.6628	2.4585	0.16
		From	4.0000	0.00	121.0000	No Ice	2.7313	1.6681	0.05
RRUS 32 B30	C	Centroid-Le	0.00			1/2" Ice	2.9531	1.8552	0.07
		g	-1.00			1" Ice	3.1823	2.0493	0.10
						2" Ice	3.6628	2.4585	0.16
		From	4.0000	0.00	121.0000	No Ice	2.7313	1.6681	0.05
RRUS 4478 B14	A	Centroid-Le	0.00			1/2" Ice	2.9531	1.8552	0.07
		g	-1.00			1" Ice	3.1823	2.0493	0.10
						2" Ice	3.6628	2.4585	0.16
		From	4.0000	0.00	121.0000	No Ice	1.8425	1.0588	0.06
RRUS 4478 B14	B	Centroid-Le	0.00			1/2" Ice	2.0123	1.1969	0.08
		g	-1.00			1" Ice	2.1895	1.3425	0.09
						2" Ice	2.5662	1.6558	0.14
		From	4.0000	0.00	121.0000	No Ice	1.8425	1.0588	0.06
RRUS 4478 B14	C	Centroid-Le	0.00			1/2" Ice	2.0123	1.1969	0.08
		g	-1.00			1" Ice	2.1895	1.3425	0.09
						2" Ice	2.5662	1.6558	0.14
		From	4.0000	0.00	121.0000	No Ice	1.8425	1.0588	0.06
RRUS 4449 B5/B12	A	Centroid-Le	0.00			1/2" Ice	2.0123	1.1969	0.08
		g	-1.00			1" Ice	2.1895	1.3425	0.09
						2" Ice	2.5662	1.6558	0.14
		From	4.0000	0.00	121.0000	No Ice	1.9675	1.4081	0.07
RRUS 4449 B5/B12	B	Centroid-Le	0.00			1/2" Ice	2.1439	1.5637	0.09
		g	-1.00			1" Ice	2.3278	1.7267	0.11
						2" Ice	2.7177	2.0749	0.16
		From	4.0000	0.00	121.0000	No Ice	1.9675	1.4081	0.07
RRUS 4449 B5/B12	C	Centroid-Le	0.00			1/2" Ice	2.1439	1.5637	0.09
		g	-1.00			1" Ice	2.3278	1.7267	0.11
						2" Ice	2.7177	2.0749	0.16
		From	4.0000	0.00	121.0000	No Ice	1.9675	1.4081	0.07
(2) LGP21401	A	Centroid-Le	0.00			1/2" Ice	2.1439	1.5637	0.09
		g	-1.00			1" Ice	2.3278	1.7267	0.11
						2" Ice	2.7177	2.0749	0.16
		From	4.0000	0.00	121.0000	No Ice	1.1040	0.2070	0.01
(2) LGP21401	B	Centroid-Le	0.00			1/2" Ice	1.2388	0.2738	0.02
		g	-1.00			1" Ice	1.3810	0.3475	0.03
						2" Ice	1.6877	0.5208	0.05
		From	4.0000	0.00	121.0000	No Ice	1.1040	0.2070	0.01
(2) LGP21401	C	Centroid-Le	0.00			1/2" Ice	1.2388	0.2738	0.02
		g	-1.00			1" Ice	1.3810	0.3475	0.03
						2" Ice	1.6877	0.5208	0.05
		From	4.0000	0.00	121.0000	No Ice	1.1040	0.2070	0.01
DC6-48-60-18-8F	A	Centroid-Le	0.00			1/2" Ice	1.2388	0.2738	0.02
		g	-1.00			1" Ice	1.3810	0.3475	0.03
						2" Ice	1.6877	0.5208	0.05
		From	4.0000	0.00	121.0000	No Ice	1.2117	1.2117	0.03
DC6-48-60-18-8F	B	Centroid-Le	0.00			1/2" Ice	1.8924	1.8924	0.05
		g	-1.00			1" Ice	2.1051	2.1051	0.08
						2" Ice	2.5703	2.5703	0.14
		From	4.0000	0.00	121.0000	No Ice	1.2117	1.2117	0.03
(2) DC6-48-60-18-8F	C	Centroid-Le	0.00			1/2" Ice	1.8924	1.8924	0.05
		g	-1.00			1" Ice	2.1051	2.1051	0.08
						2" Ice	2.5703	2.5703	0.14
		From	4.0000	0.00	121.0000	No Ice	1.2117	1.2117	0.03
				1/2" Ice	1.8924	1.8924	0.05		

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b>	HRT 100 943239 (BU 806376)	<b>Page</b>	44 of 59
	<b>Project</b>	TEP No. 25677.537063	<b>Date</b>	17:00:52 05/06/21
	<b>Client</b>	Crown Castle	<b>Designed by</b>	tmlster

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C <sub>AA</sub> Front	C <sub>AA</sub> Side	Weight
			Horz Lateral	Vert					
			ft	ft	°	ft	ft <sup>2</sup>	ft <sup>2</sup>	K
		g	-1.00			1" Ice	2.1051	2.1051	0.08
						2" Ice	2.5703	2.5703	0.14
(2) 2.4" Dia x 6-ft Pipe (Horizontal)	A	From Centroid-Le g	4.0000	0.00	121.0000	No Ice	0.0429	1.4280	0.02
			0.00			1/2" Ice	0.0744	1.9266	0.03
			0.00			1" Ice	0.1146	2.2956	0.05
						2" Ice	0.2209	3.0613	0.09
(2) 2.4" Dia x 6-ft Pipe (Horizontal)	B	From Centroid-Le g	4.0000	0.00	121.0000	No Ice	0.0429	1.4280	0.02
			0.00			1/2" Ice	0.0744	1.9266	0.03
			0.00			1" Ice	0.1146	2.2956	0.05
						2" Ice	0.2209	3.0613	0.09
(2) 2.4" Dia x 6-ft Pipe (Horizontal)	C	From Centroid-Le g	4.0000	0.00	121.0000	No Ice	0.0429	1.4280	0.02
			0.00			1/2" Ice	0.0744	1.9266	0.03
			0.00			1" Ice	0.1146	2.2956	0.05
						2" Ice	0.2209	3.0613	0.09
Side Arm Mount [SO 102-3]	C	None		0.00	121.0000	No Ice	3.6000	3.6000	0.07
						1/2" Ice	4.1800	4.1800	0.11
						1" Ice	4.7500	4.7500	0.14
						2" Ice	5.9000	5.9000	0.20
Platform Mount [LP 602-1]	C	None		0.00	121.0000	No Ice	31.0700	31.0700	1.34
						1/2" Ice	34.8200	34.8200	1.97
						1" Ice	38.4800	38.4800	2.67
						2" Ice	45.6000	45.6000	4.31
***									
(2) SBNHH-1D65B w/ Mount Pipe	A	From Centroid-Le g	4.0000	0.00	109.0000	No Ice	4.0900	3.3000	0.07
			0.00			1/2" Ice	4.4900	3.6800	0.13
			2.00			1" Ice	4.8900	4.0700	0.20
						2" Ice	5.7200	4.8700	0.39
(2) SBNHH-1D65B w/ Mount Pipe	B	From Centroid-Le g	4.0000	0.00	109.0000	No Ice	4.0900	3.3000	0.07
			0.00			1/2" Ice	4.4900	3.6800	0.13
			2.00			1" Ice	4.8900	4.0700	0.20
						2" Ice	5.7200	4.8700	0.39
(2) SBNHH-1D65B w/ Mount Pipe	C	From Centroid-Le g	4.0000	0.00	109.0000	No Ice	4.0900	3.3000	0.07
			0.00			1/2" Ice	4.4900	3.6800	0.13
			2.00			1" Ice	4.8900	4.0700	0.20
						2" Ice	5.7200	4.8700	0.39
MT6407-77A w/ Mount Pipe	A	From Centroid-Le g	4.0000	0.00	109.0000	No Ice	4.9069	2.6821	0.10
			0.00			1/2" Ice	5.2559	3.1450	0.14
			4.00			1" Ice	5.6147	3.6241	0.18
						2" Ice	6.3615	4.6310	0.29
MT6407-77A w/ Mount Pipe	B	From Centroid-Le g	4.0000	0.00	109.0000	No Ice	4.9069	2.6821	0.10
			0.00			1/2" Ice	5.2559	3.1450	0.14
			4.00			1" Ice	5.6147	3.6241	0.18
						2" Ice	6.3615	4.6310	0.29
MT6407-77A w/ Mount Pipe	C	From Centroid-Le g	4.0000	0.00	109.0000	No Ice	4.9069	2.6821	0.10
			0.00			1/2" Ice	5.2559	3.1450	0.14
			4.00			1" Ice	5.6147	3.6241	0.18
						2" Ice	6.3615	4.6310	0.29
CBRS w/ Mount Pipe	A	From Centroid-Le g	4.0000	0.00	109.0000	No Ice	1.4500	0.9900	0.03
			0.00			1/2" Ice	1.6700	1.1800	0.05
			0.00			1" Ice	1.9000	1.3900	0.07
						2" Ice	2.4200	1.8500	0.12
CBRS w/ Mount Pipe	B	From Centroid-Le g	4.0000	0.00	109.0000	No Ice	1.4500	0.9900	0.03
			0.00			1/2" Ice	1.6700	1.1800	0.05
			0.00			1" Ice	1.9000	1.3900	0.07
						2" Ice	2.4200	1.8500	0.12
CBRS w/ Mount Pipe	C	From Centroid-Le	4.0000	0.00	109.0000	No Ice	1.4500	0.9900	0.03
			0.00			1/2" Ice	1.6700	1.1800	0.05



<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b>	HRT 100 943239 (BU 806376)	<b>Page</b>	45 of 59
	<b>Project</b>	TEP No. 25677.537063	<b>Date</b>	17:00:52 05/06/21
	<b>Client</b>	Crown Castle	<b>Designed by</b>	tmlester

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C <sub>AA</sub> Front	C <sub>AA</sub> Side	Weight	
			Horz	Vert						
			ft	ft	°	ft	ft <sup>2</sup>	ft <sup>2</sup>	K	
		g	0.00							
BXA-80063/4CF w/ Mount Pipe	A	From Centroid-Le g	4.0000	0.00	0.00	109.0000	1" Ice	1.9000	1.3900	0.07
							2" Ice	2.4200	1.8500	0.12
							No Ice	4.8300	3.6500	0.03
							1/2" Ice	5.3500	4.1400	0.06
							1" Ice	5.8800	4.6400	0.11
BXA-80063/4CF w/ Mount Pipe	B	From Centroid-Le g	4.0000	0.00	0.00	109.0000	2" Ice	6.9800	5.7000	0.22
							No Ice	4.8300	3.6500	0.03
							1/2" Ice	5.3500	4.1400	0.06
							1" Ice	5.8800	4.6400	0.11
							2" Ice	6.9800	5.7000	0.22
BXA-80063/4CF w/ Mount Pipe	C	From Centroid-Le g	4.0000	0.00	0.00	109.0000	No Ice	4.8300	3.6500	0.03
							1/2" Ice	5.3500	4.1400	0.06
							1" Ice	5.8800	4.6400	0.11
							2" Ice	6.9800	5.7000	0.22
							No Ice	4.8300	3.6500	0.03
RFV01U-D1A	A	From Centroid-Le g	4.0000	0.00	0.00	109.0000	No Ice	1.8750	1.2500	0.08
							1/2" Ice	2.0454	1.3926	0.10
							1" Ice	2.2231	1.5426	0.12
							2" Ice	2.6009	1.8648	0.18
							No Ice	1.8750	1.2500	0.08
RFV01U-D1A	A	From Centroid-Le g	4.0000	0.00	0.00	109.0000	1/2" Ice	2.0454	1.3926	0.10
							1" Ice	2.2231	1.5426	0.12
							2" Ice	2.6009	1.8648	0.18
							No Ice	1.8750	1.2500	0.08
							1/2" Ice	2.0454	1.3926	0.10
RFV01U-D1A	B	From Centroid-Le g	4.0000	0.00	0.00	109.0000	1" Ice	2.2231	1.5426	0.12
							2" Ice	2.6009	1.8648	0.18
							No Ice	1.8750	1.2500	0.08
							1/2" Ice	2.0454	1.3926	0.10
							1" Ice	2.2231	1.5426	0.12
RFV01U-D2A	A	From Centroid-Le g	4.0000	0.00	0.00	109.0000	2" Ice	2.6009	1.8648	0.18
							No Ice	1.8750	1.0125	0.07
							1/2" Ice	2.0454	1.1445	0.09
							1" Ice	2.2231	1.2840	0.11
							2" Ice	2.6009	1.5851	0.15
RFV01U-D2A	B	From Centroid-Le g	4.0000	0.00	0.00	109.0000	No Ice	1.8750	1.0125	0.07
							1/2" Ice	2.0454	1.1445	0.09
							1" Ice	2.2231	1.2840	0.11
							2" Ice	2.6009	1.5851	0.15
							No Ice	1.8750	1.0125	0.07
RFV01U-D2A	B	From Centroid-Le g	4.0000	0.00	0.00	109.0000	1/2" Ice	2.0454	1.1445	0.09
							1" Ice	2.2231	1.2840	0.11
							2" Ice	2.6009	1.5851	0.15
							No Ice	1.8750	1.0125	0.07
							1/2" Ice	2.0454	1.1445	0.09
RUSDC-6267-PF-48	B	From Centroid-Le g	4.0000	0.00	0.00	109.0000	1" Ice	2.2231	1.2840	0.11
							2" Ice	2.6009	1.5851	0.15
							No Ice	3.2313	1.0369	0.02
							1/2" Ice	3.4541	1.1818	0.04
							1" Ice	3.6842	1.3338	0.07
Site Pro 1 F3P-HRK12	C	None			0.00	109.0000	2" Ice	4.1666	1.6588	0.13
							No Ice	5.3800	4.6400	0.41
							1/2" Ice	7.2200	6.3500	0.50
							1" Ice	8.8800	8.1300	0.59
							2" Ice	12.2000	11.6900	0.77
Site Pro 1 F3P-12[W]	C	None			0.00	109.0000	No Ice	25.5200	25.4100	2.00
							1/2" Ice	31.7400	32.2700	2.60
							1" Ice	40.1000	39.6800	3.41
							2" Ice	50.4175	52.8533	4.40
							No Ice	5.3800	4.6400	0.41
***										
800MHz 2X50W RRH W/FILTER	A	From Leg	2.0000	0.00	0.00	99.0000	No Ice	2.0583	1.9317	0.06
							1/2" Ice	2.2398	2.1087	0.09
							1" Ice	2.4287	2.2931	0.11
							2" Ice	2.8287	2.6843	0.17
							No Ice	2.0583	1.9317	0.06
800MHz 2X50W RRH W/FILTER	B	From Leg	2.0000	0.00	0.00	99.0000	1/2" Ice	2.2398	2.1087	0.09
							No Ice	2.0583	1.9317	0.06

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b>	HRT 100 943239 (BU 806376)	<b>Page</b>	46 of 59
	<b>Project</b>	TEP No. 25677.537063	<b>Date</b>	17:00:52 05/06/21
	<b>Client</b>	Crown Castle	<b>Designed by</b>	tmlester

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C <sub>AA</sub> Front	C <sub>AA</sub> Side	Weight
			Horz	Vert					
			ft	ft	°	ft	ft <sup>2</sup>	ft <sup>2</sup>	K
			0.00				1" Ice 2.4287	2.2931	0.11
							2" Ice 2.8287	2.6843	0.17
800MHz 2X50W RRH W/FILTER	C	From Leg	2.0000	0.00	99.0000	No Ice	2.0583	1.9317	0.06
			0.00			1/2" Ice	2.2398	2.1087	0.09
			0.00			1" Ice	2.4287	2.2931	0.11
						2" Ice	2.8287	2.6843	0.17
PCS 1900MHz 4x45W-65MHz w/ Mount Pipe	A	From Leg	2.0000	0.00	99.0000	No Ice	2.5180	2.8448	0.07
			0.00			1/2" Ice	2.7852	3.2402	0.10
			0.00			1" Ice	3.0627	3.6522	0.14
						2" Ice	3.6490	4.5262	0.23
PCS 1900MHz 4x45W-65MHz w/ Mount Pipe	B	From Leg	2.0000	0.00	99.0000	No Ice	2.5180	2.8448	0.07
			0.00			1/2" Ice	2.7852	3.2402	0.10
			0.00			1" Ice	3.0627	3.6522	0.14
						2" Ice	3.6490	4.5262	0.23
PCS 1900MHz 4x45W-65MHz w/ Mount Pipe	C	From Leg	2.0000	0.00	99.0000	No Ice	2.5180	2.8448	0.07
			0.00			1/2" Ice	2.7852	3.2402	0.10
			0.00			1" Ice	3.0627	3.6522	0.14
						2" Ice	3.6490	4.5262	0.23
Side Arm Mount [SO 101-3]	C	None		0.00	99.0000	No Ice	5.8100	5.8100	0.25
						1/2" Ice	6.9500	6.9500	0.34
						1" Ice	8.2800	8.2800	0.46
						2" Ice	11.5400	11.5400	0.78
*** **Clearwire**									
LLPX310R-V1 w/ Mount Pipe	A	From Centroid-Le g	4.0000	0.00	97.0000	No Ice	3.8800	2.3600	0.06
			0.00			1/2" Ice	4.2900	2.7300	0.09
			1.00			1" Ice	4.7200	3.1200	0.13
						2" Ice	5.6100	3.9400	0.24
LLPX310R-V1 w/ Mount Pipe	B	From Centroid-Le g	4.0000	0.00	97.0000	No Ice	3.8800	2.3600	0.06
			0.00			1/2" Ice	4.2900	2.7300	0.09
			1.00			1" Ice	4.7200	3.1200	0.13
						2" Ice	5.6100	3.9400	0.24
LLPX310R-V1 w/ Mount Pipe	C	From Centroid-Le g	4.0000	0.00	97.0000	No Ice	3.8800	2.3600	0.06
			0.00			1/2" Ice	4.2900	2.7300	0.09
			1.00			1" Ice	4.7200	3.1200	0.13
						2" Ice	5.6100	3.9400	0.24
TIMING 2000	A	From Centroid-Le g	4.0000	0.00	97.0000	No Ice	0.1347	0.1079	0.00
			0.00			1/2" Ice	0.1830	0.1518	0.00
			0.00			1" Ice	0.2388	0.2031	0.01
						2" Ice	0.3726	0.3280	0.01
RRH-2WB	A	From Centroid-Le g	4.0000	0.00	97.0000	No Ice	2.3047	0.7831	0.04
			0.00			1/2" Ice	2.4961	0.9170	0.06
			1.00			1" Ice	2.6949	1.0579	0.08
						2" Ice	3.1147	1.3607	0.12
RRH-2WB	B	From Centroid-Le g	4.0000	0.00	97.0000	No Ice	2.3047	0.7831	0.04
			0.00			1/2" Ice	2.4961	0.9170	0.06
			1.00			1" Ice	2.6949	1.0579	0.08
						2" Ice	3.1147	1.3607	0.12
RRH-2WB	C	From Centroid-Le g	4.0000	0.00	97.0000	No Ice	2.3047	0.7831	0.04
			0.00			1/2" Ice	2.4961	0.9170	0.06
			1.00			1" Ice	2.6949	1.0579	0.08
						2" Ice	3.1147	1.3607	0.12
HORIZON COMPACT	B	From Centroid-Le g	4.0000	0.00	97.0000	No Ice	0.7208	0.3720	0.01
			0.00			1/2" Ice	0.8278	0.4540	0.02
			6.00			1" Ice	0.9422	0.5435	0.03
						2" Ice	1.1933	0.7446	0.05
HORIZON COMPACT	C	From	4.0000	0.00	97.0000	No Ice	0.7208	0.3720	0.01

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b>	HRT 100 943239 (BU 806376)	<b>Page</b>	47 of 59
	<b>Project</b>	TEP No. 25677.537063	<b>Date</b>	17:00:52 05/06/21
	<b>Client</b>	Crown Castle	<b>Designed by</b>	tmlster

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C <sub>AA</sub> Front	C <sub>AA</sub> Side	Weight
			Horz	Lateral					
		Centroid-Le	0.00			1/2" Ice	0.8278	0.4540	0.02
		g	6.00			1" Ice	0.9422	0.5435	0.03
						2" Ice	1.1933	0.7446	0.05
**Sprint**									
APXVAALL24_43-U-NA20	A	From	4.0000	0.00	97.0000	No Ice	14.6900	6.8700	0.18
_TMO w/ Mount Pipe		Centroid-Le	0.00			1/2" Ice	15.4600	7.5500	0.31
		g	1.00			1" Ice	16.2300	8.2500	0.45
						2" Ice	17.8200	9.6700	0.78
APXVAALL24_43-U-NA20	B	From	4.0000	0.00	97.0000	No Ice	14.6900	6.8700	0.18
_TMO w/ Mount Pipe		Centroid-Le	0.00			1/2" Ice	15.4600	7.5500	0.31
		g	1.00			1" Ice	16.2300	8.2500	0.45
						2" Ice	17.8200	9.6700	0.78
APXVAALL24_43-U-NA20	C	From	4.0000	0.00	97.0000	No Ice	14.6900	6.8700	0.18
_TMO w/ Mount Pipe		Centroid-Le	0.00			1/2" Ice	15.4600	7.5500	0.31
		g	1.00			1" Ice	16.2300	8.2500	0.45
						2" Ice	17.8200	9.6700	0.78
APX16DWV-16DWV-S-E-A	A	From	4.0000	0.00	97.0000	No Ice	6.2900	2.7600	0.06
20 w/ Mount Pipe		Centroid-Le	0.00			1/2" Ice	6.8600	3.2700	0.11
		g	1.00			1" Ice	7.4500	3.7900	0.16
						2" Ice	8.6800	4.9000	0.29
APX16DWV-16DWV-S-E-A	B	From	4.0000	0.00	97.0000	No Ice	6.2900	2.7600	0.06
20 w/ Mount Pipe		Centroid-Le	0.00			1/2" Ice	6.8600	3.2700	0.11
		g	1.00			1" Ice	7.4500	3.7900	0.16
						2" Ice	8.6800	4.9000	0.29
APX16DWV-16DWV-S-E-A	C	From	4.0000	0.00	97.0000	No Ice	6.2900	2.7600	0.06
20 w/ Mount Pipe		Centroid-Le	0.00			1/2" Ice	6.8600	3.2700	0.11
		g	1.00			1" Ice	7.4500	3.7900	0.16
						2" Ice	8.6800	4.9000	0.29
AIR6449 B41_T-MOBILE	A	From	4.0000	0.00	97.0000	No Ice	5.1900	2.7100	0.13
w/ Mount Pipe		Centroid-Le	0.00			1/2" Ice	5.5900	3.0400	0.17
		g	1.00			1" Ice	6.0200	3.3800	0.23
						2" Ice	6.9000	4.1200	0.35
AIR6449 B41_T-MOBILE	B	From	4.0000	0.00	97.0000	No Ice	5.1900	2.7100	0.13
w/ Mount Pipe		Centroid-Le	0.00			1/2" Ice	5.5900	3.0400	0.17
		g	1.00			1" Ice	6.0200	3.3800	0.23
						2" Ice	6.9000	4.1200	0.35
AIR6449 B41_T-MOBILE	C	From	4.0000	0.00	97.0000	No Ice	5.1900	2.7100	0.13
w/ Mount Pipe		Centroid-Le	0.00			1/2" Ice	5.5900	3.0400	0.17
		g	1.00			1" Ice	6.0200	3.3800	0.23
						2" Ice	6.9000	4.1200	0.35
RADIO 4415 B66A_CCIV3	A	From	4.0000	0.00	97.0000	No Ice	1.6390	0.6769	0.05
		Centroid-Le	0.00			1/2" Ice	1.7988	0.7889	0.06
		g	1.00			1" Ice	1.9660	0.9109	0.07
						2" Ice	2.3227	1.1809	0.11
RADIO 4415 B66A_CCIV3	B	From	4.0000	0.00	97.0000	No Ice	1.6390	0.6769	0.05
		Centroid-Le	0.00			1/2" Ice	1.7988	0.7889	0.06
		g	1.00			1" Ice	1.9660	0.9109	0.07
						2" Ice	2.3227	1.1809	0.11
RADIO 4415 B66A_CCIV3	C	From	4.0000	0.00	97.0000	No Ice	1.6390	0.6769	0.05
		Centroid-Le	0.00			1/2" Ice	1.7988	0.7889	0.06
		g	1.00			1" Ice	1.9660	0.9109	0.07
						2" Ice	2.3227	1.1809	0.11
RADIO 4424 B25_TMOV1	A	From	4.0000	0.00	97.0000	No Ice	2.0520	1.6103	0.10
		Centroid-Le	0.00			1/2" Ice	2.2307	1.7717	0.12
		g	1.00			1" Ice	2.4168	1.9406	0.14
						2" Ice	2.8113	2.3006	0.20
RADIO 4424 B25_TMOV1	B	From	4.0000	0.00	97.0000	No Ice	2.0520	1.6103	0.10

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b> HRT 100 943239 (BU 806376)	<b>Page</b> 48 of 59
	<b>Project</b> TEP No. 25677.537063	<b>Date</b> 17:00:52 05/06/21
	<b>Client</b> Crown Castle	<b>Designed by</b> tmlester

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C <sub>AA</sub> Front	C <sub>AA</sub> Side	Weight	
			Horz	Vert						
			ft	ft	°	ft	ft <sup>2</sup>	ft <sup>2</sup>	K	
		Centroid-Log	0.00	1.00		1/2" Ice	2.2307	1.7717	0.12	
						1" Ice	2.4168	1.9406	0.14	
						2" Ice	2.8113	2.3006	0.20	
RADIO 4424 B25_TMOV1	C	From Centroid-Log	4.0000	1.00	0.00	97.0000	No Ice	2.0520	1.6103	0.10
			0.00	1.00			1/2" Ice	2.2307	1.7717	0.12
							1" Ice	2.4168	1.9406	0.14
							2" Ice	2.8113	2.3006	0.20
RADIO 4449 B71 B85A_T-MOBILE	A	From Centroid-Log	4.0000	1.00	0.00	97.0000	No Ice	1.9701	1.5865	0.07
			0.00	1.00			1/2" Ice	2.1466	1.7488	0.09
							1" Ice	2.3306	1.9185	0.12
							2" Ice	2.7207	2.2800	0.17
RADIO 4449 B71 B85A_T-MOBILE	B	From Centroid-Log	4.0000	1.00	0.00	97.0000	No Ice	1.9701	1.5865	0.07
			0.00	1.00			1/2" Ice	2.1466	1.7488	0.09
							1" Ice	2.3306	1.9185	0.12
							2" Ice	2.7207	2.2800	0.17
RADIO 4449 B71 B85A_T-MOBILE	C	From Centroid-Log	4.0000	1.00	0.00	97.0000	No Ice	1.9701	1.5865	0.07
			0.00	1.00			1/2" Ice	2.1466	1.7488	0.09
							1" Ice	2.3306	1.9185	0.12
							2" Ice	2.7207	2.2800	0.17
Platform Mount [LP 713-1]	C	None			0.00	97.0000	No Ice	32.8900	32.8900	1.51
							1/2" Ice	35.7600	35.7600	2.23
							1" Ice	38.7600	38.7600	3.03
							2" Ice	45.2600	45.2600	4.86
***										
ERICSSON AIR 21 B2A B4P w/ Mount Pipe	A	From Face	4.0000	0.00	0.00	87.0000	No Ice	3.1400	2.5900	0.11
			0.00	0.00			1/2" Ice	3.4500	2.8800	0.16
							1" Ice	3.7700	3.1900	0.23
							2" Ice	4.4300	3.8400	0.38
ERICSSON AIR 21 B2A B4P w/ Mount Pipe	B	From Face	4.0000	0.00	0.00	87.0000	No Ice	3.1400	2.5900	0.11
			0.00	0.00			1/2" Ice	3.4500	2.8800	0.16
							1" Ice	3.7700	3.1900	0.23
							2" Ice	4.4300	3.8400	0.38
ERICSSON AIR 21 B2A B4P w/ Mount Pipe	C	From Face	4.0000	0.00	0.00	87.0000	No Ice	3.1400	2.5900	0.11
			0.00	0.00			1/2" Ice	3.4500	2.8800	0.16
							1" Ice	3.7700	3.1900	0.23
							2" Ice	4.4300	3.8400	0.38
APXVAARR24_43-U-NA20 w/ Mount Pipe	A	From Face	4.0000	0.00	0.00	87.0000	No Ice	14.6900	6.8700	0.19
			0.00	0.00			1/2" Ice	15.4600	7.5500	0.31
							1" Ice	16.2300	8.2500	0.46
							2" Ice	17.8200	9.6700	0.79
APXVAARR24_43-U-NA20 w/ Mount Pipe	B	From Face	4.0000	0.00	0.00	87.0000	No Ice	14.6900	6.8700	0.19
			0.00	0.00			1/2" Ice	15.4600	7.5500	0.31
							1" Ice	16.2300	8.2500	0.46
							2" Ice	17.8200	9.6700	0.79
APXVAARR24_43-U-NA20 w/ Mount Pipe	C	From Face	4.0000	0.00	0.00	87.0000	No Ice	14.6900	6.8700	0.19
			0.00	0.00			1/2" Ice	15.4600	7.5500	0.31
							1" Ice	16.2300	8.2500	0.46
							2" Ice	17.8200	9.6700	0.79
AIR -32 B2A/B66AA w/ Mount Pipe	A	From Face	4.0000	0.00	0.00	87.0000	No Ice	3.7600	3.1500	0.19
			0.00	0.00			1/2" Ice	4.1200	3.4900	0.25
							1" Ice	4.4800	3.8400	0.32
							2" Ice	5.2400	4.5800	0.48
AIR -32 B2A/B66AA w/ Mount Pipe	B	From Face	4.0000	0.00	0.00	87.0000	No Ice	3.7600	3.1500	0.19
			0.00	0.00			1/2" Ice	4.1200	3.4900	0.25
							1" Ice	4.4800	3.8400	0.32
							2" Ice	5.2400	4.5800	0.48
AIR -32 B2A/B66AA w/	C	From Face	4.0000	0.00	0.00	87.0000	No Ice	3.7600	3.1500	0.19

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b>		HRT 100 943239 (BU 806376)		<b>Page</b>		49 of 59	
	<b>Project</b>		TEP No. 25677.537063		<b>Date</b>		17:00:52 05/06/21	
	<b>Client</b>		Crown Castle		<b>Designed by</b>		tmlester	

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C <sub>AA</sub> Front	C <sub>AA</sub> Side	Weight
			Horz	Vert					
			ft	ft	°	ft	ft <sup>2</sup>	ft <sup>2</sup>	K
Mount Pipe			0.00	0.00		1/2" Ice	4.1200	3.4900	0.25
			0.00	0.00		1" Ice	4.4800	3.8400	0.32
			0.00	0.00		2" Ice	5.2400	4.5800	0.48
AIR6449 B41 w/ Mount Pipe	A	From Face	4.0000	0.00	87.0000	No Ice	5.1800	2.7200	0.12
			0.00	0.00		1/2" Ice	5.5900	3.0500	0.16
			0.00	0.00		1" Ice	6.0100	3.3900	0.22
			0.00	0.00		2" Ice	6.9000	4.1300	0.34
AIR6449 B41 w/ Mount Pipe	B	From Face	4.0000	0.00	87.0000	No Ice	5.1800	2.7200	0.12
			0.00	0.00		1/2" Ice	5.5900	3.0500	0.16
			0.00	0.00		1" Ice	6.0100	3.3900	0.22
			0.00	0.00		2" Ice	6.9000	4.1300	0.34
AIR6449 B41 w/ Mount Pipe	C	From Face	4.0000	0.00	87.0000	No Ice	5.1800	2.7200	0.12
			0.00	0.00		1/2" Ice	5.5900	3.0500	0.16
			0.00	0.00		1" Ice	6.0100	3.3900	0.22
			0.00	0.00		2" Ice	6.9000	4.1300	0.34
KRY 112 144/1	A	From Face	4.0000	0.00	87.0000	No Ice	0.3500	0.1750	0.01
			0.00	0.00		1/2" Ice	0.4259	0.2343	0.01
			0.00	0.00		1" Ice	0.5093	0.3009	0.02
			0.00	0.00		2" Ice	0.6981	0.4565	0.03
KRY 112 144/1	A	From Face	4.0000	0.00	87.0000	No Ice	0.3500	0.1750	0.01
			0.00	0.00		1/2" Ice	0.4259	0.2343	0.01
			0.00	0.00		1" Ice	0.5093	0.3009	0.02
			0.00	0.00		2" Ice	0.6981	0.4565	0.03
KRY 112 144/1	B	From Face	4.0000	0.00	87.0000	No Ice	0.3500	0.1750	0.01
			0.00	0.00		1/2" Ice	0.4259	0.2343	0.01
			0.00	0.00		1" Ice	0.5093	0.3009	0.02
			0.00	0.00		2" Ice	0.6981	0.4565	0.03
RADIO 4449 B71 B85A_T-MOBILE	A	From Face	4.0000	0.00	87.0000	No Ice	1.9701	1.5865	0.07
			0.00	0.00		1/2" Ice	2.1466	1.7488	0.09
			0.00	0.00		1" Ice	2.3306	1.9185	0.12
			0.00	0.00		2" Ice	2.7207	2.2800	0.17
RADIO 4449 B71 B85A_T-MOBILE	B	From Face	4.0000	0.00	87.0000	No Ice	1.9701	1.5865	0.07
			0.00	0.00		1/2" Ice	2.1466	1.7488	0.09
			0.00	0.00		1" Ice	2.3306	1.9185	0.12
			0.00	0.00		2" Ice	2.7207	2.2800	0.17
RADIO 4449 B71 B85A_T-MOBILE	C	From Face	4.0000	0.00	87.0000	No Ice	1.9701	1.5865	0.07
			0.00	0.00		1/2" Ice	2.1466	1.7488	0.09
			0.00	0.00		1" Ice	2.3306	1.9185	0.12
			0.00	0.00		2" Ice	2.7207	2.2800	0.17
RRUS 4415 B25_CCIV2	A	From Face	4.0000	0.00	87.0000	No Ice	1.8425	0.8202	0.05
			0.00	0.00		1/2" Ice	2.0123	0.9434	0.06
			0.00	0.00		1" Ice	2.1895	1.0750	0.08
			0.00	0.00		2" Ice	2.5662	1.3683	0.12
RRUS 4415 B25_CCIV2	B	From Face	4.0000	0.00	87.0000	No Ice	1.8425	0.8202	0.05
			0.00	0.00		1/2" Ice	2.0123	0.9434	0.06
			0.00	0.00		1" Ice	2.1895	1.0750	0.08
			0.00	0.00		2" Ice	2.5662	1.3683	0.12
RRUS 4415 B25_CCIV2	C	From Face	4.0000	0.00	87.0000	No Ice	1.8425	0.8202	0.05
			0.00	0.00		1/2" Ice	2.0123	0.9434	0.06
			0.00	0.00		1" Ice	2.1895	1.0750	0.08
			0.00	0.00		2" Ice	2.5662	1.3683	0.12
Commscope VSR-MS-B	A	From Face	2.0000	0.00	87.0000	No Ice	3.3300	2.0000	0.12
			0.00	0.00		1/2" Ice	4.2400	2.5700	0.17
			2.00	0.00		1" Ice	5.1500	3.1400	0.21
			0.00	0.00		2" Ice	6.9700	4.2800	0.29
Commscope VSR-MS-B	B	From Face	2.0000	0.00	87.0000	No Ice	3.3300	2.0000	0.12
			0.00	0.00		1/2" Ice	4.2400	2.5700	0.17

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b>	HRT 100 943239 (BU 806376)	<b>Page</b>	50 of 59
	<b>Project</b>	TEP No. 25677.537063	<b>Date</b>	17:00:52 05/06/21
	<b>Client</b>	Crown Castle	<b>Designed by</b>	tmlester

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C <sub>AA</sub> Front	C <sub>AA</sub> Side	Weight
			Horz	Lateral					
			ft	ft	°	ft	ft <sup>2</sup>	ft <sup>2</sup>	K
				2.00			1" Ice 5.1500	3.1400	0.21
							2" Ice 6.9700	4.2800	0.29
Commscope VSR-MS-B	C	From Face	2.0000	0.00	87.0000	No Ice	3.3300	2.0000	0.12
			0.00			1/2" Ice	4.2400	2.5700	0.17
			2.00			1" Ice	5.1500	3.1400	0.21
						2" Ice	6.9700	4.2800	0.29
2.9" Dia x 12' Long Pipe (Horizontal)	A	From Face	4.0000	0.00	87.0000	No Ice	3.4800	0.0467	0.07
			0.00			1/2" Ice	4.7125	0.0845	0.09
			2.00			1" Ice	5.9617	0.1334	0.13
						2" Ice	7.9504	0.2645	0.22
2.9" Dia x 12' Long Pipe (Horizontal)	B	From Face	4.0000	0.00	87.0000	No Ice	3.4800	0.0467	0.07
			0.00			1/2" Ice	4.7125	0.0845	0.09
			2.00			1" Ice	5.9617	0.1334	0.13
						2" Ice	7.9504	0.2645	0.22
2.9" Dia x 12' Long Pipe (Horizontal)	C	From Face	4.0000	0.00	87.0000	No Ice	3.4800	0.0467	0.07
			0.00			1/2" Ice	4.7125	0.0845	0.09
			2.00			1" Ice	5.9617	0.1334	0.13
						2" Ice	7.9504	0.2645	0.22
T-Arm Mount [TA 602-3]	C	None		0.00	87.0000	No Ice	13.4000	13.4000	0.77
						1/2" Ice	16.4400	16.4400	1.00
						1" Ice	19.7000	19.7000	1.29
						2" Ice	25.8600	25.8600	2.05
***									
*****									

## Dishes

Description	Face or Leg	Dish Type	Offset Type	Offsets:		Azimuth Adjustment	3 dB Beam Width	Elevation	Outside Diameter	Aperture Area	Weight
				Horz	Lateral						
			ft	ft	°	°	ft	ft	ft <sup>2</sup>	K	
VHLP2.5-18	B	Paraboloid w/Shroud (HP)	From Centroid -Leg	4.0000	0.00	-33.00		97.0000	2.9160	No Ice 6.6800	0.05
				6.00						1/2" Ice 7.0700	0.08
										1" Ice 7.4500	0.12
										2" Ice 8.2300	0.19
VHLP2-18	C	Paraboloid w/Shroud (HP)	From Centroid -Leg	4.0000	0.00	90.00		97.0000	2.1750	No Ice 3.7200	0.03
				6.00						1/2" Ice 4.0100	0.05
										1" Ice 4.3000	0.07
										2" Ice 4.8800	0.11

## 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

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b> HRT 100 943239 (BU 806376)	<b>Page</b> 51 of 59
	<b>Project</b> TEP No. 25677.537063	<b>Date</b> 17:00:52 05/06/21
	<b>Client</b> Crown Castle	<b>Designed by</b> tmlester

Comb. No.	Description
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
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 Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	130 - 125	20.52	39	1.62	0.00
L2	125 - 120	18.82	39	1.62	0.00
L3	120 - 115	17.12	39	1.62	0.00
L4	115 - 110	15.44	39	1.58	0.00
L5	110 - 105	13.83	39	1.49	0.00
L6	105 - 100	12.31	39	1.40	0.00

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b>	HRT 100 943239 (BU 806376)	<b>Page</b>	52 of 59
	<b>Project</b>	TEP No. 25677.537063	<b>Date</b>	17:00:52 05/06/21
	<b>Client</b>	Crown Castle	<b>Designed by</b>	tmlester

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L7	100 - 95	10.90	39	1.29	0.00
L8	95 - 90	9.62	39	1.15	0.00
L9	90 - 89.75	8.49	39	1.01	0.00
L10	89.75 - 84.75	8.44	39	1.00	0.00
L11	84.75 - 84.58	7.44	39	0.92	0.00
L12	84.58 - 84.33	7.40	39	0.91	0.00
L13	84.33 - 83.42	7.36	39	0.91	0.00
L14	83.42 - 83.17	7.18	39	0.90	0.00
L15	83.17 - 83	7.14	39	0.89	0.00
L16	83 - 82.75	7.10	39	0.89	0.00
L17	82.75 - 77.75	7.06	39	0.89	0.00
L18	77.75 - 70	6.16	39	0.82	0.00
L19	74 - 69	5.54	39	0.76	0.00
L20	69 - 67.08	4.76	39	0.72	0.00
L21	67.08 - 66.83	4.48	39	0.69	0.00
L22	66.83 - 64.08	4.44	39	0.69	0.00
L23	64.08 - 63.83	4.05	39	0.65	0.00
L24	63.83 - 62.5	4.02	39	0.65	0.00
L25	62.5 - 62.25	3.84	39	0.63	0.00
L26	62.25 - 57.25	3.81	39	0.63	0.00
L27	57.25 - 53.5	3.19	39	0.57	0.00
L28	53.5 - 53.25	2.76	39	0.52	0.00
L29	53.25 - 52.58	2.73	39	0.52	0.00
L30	52.58 - 52.33	2.66	39	0.51	0.00
L31	52.33 - 47.33	2.63	39	0.51	0.00
L32	47.33 - 44.58	2.13	39	0.45	0.00
L33	44.58 - 44.33	1.89	39	0.42	0.00
L34	44.33 - 41.92	1.86	39	0.41	0.00
L35	41.92 - 41.67	1.66	39	0.39	0.00
L36	41.67 - 34.08	1.64	39	0.38	0.00
L37	39 - 34	1.44	39	0.35	0.00
L38	34 - 29	1.08	39	0.32	0.00
L39	29 - 26.92	0.77	39	0.27	0.00
L40	26.92 - 26.67	0.66	39	0.25	0.00
L41	26.67 - 21.67	0.65	39	0.24	0.00
L42	21.67 - 18	0.42	39	0.19	0.00
L43	18 - 17.75	0.28	39	0.16	0.00
L44	17.75 - 17.5	0.28	39	0.15	0.00
L45	17.5 - 17.25	0.27	39	0.15	0.00
L46	17.25 - 17.08	0.26	39	0.15	0.00
L47	17.08 - 16.83	0.25	39	0.15	0.00
L48	16.83 - 13	0.25	39	0.15	0.00
L49	13 - 12.75	0.14	39	0.11	0.00
L50	12.75 - 11.92	0.14	39	0.11	0.00
L51	11.92 - 11.67	0.12	39	0.10	0.00
L52	11.67 - 6.67	0.11	39	0.10	0.00
L53	6.67 - 6.5	0.03	39	0.05	0.00
L54	6.5 - 6.25	0.03	39	0.05	0.00
L55	6.25 - 3.75	0.03	39	0.05	0.00
L56	3.75 - 3.5	0.01	39	0.03	0.00
L57	3.5 - 3	0.01	39	0.03	0.00
L58	3 - 2.75	0.01	39	0.02	0.00
L59	2.75 - 0	0.01	39	0.02	0.00

**Critical Deflections and Radius of Curvature - Service Wind**



<p><b>tnxTower</b></p> <p><b>Tower Engineering Professionals, Inc.</b>  326 Tryon Road  Raleigh, NC 27603  Phone: (919) 661-6351  FAX: (919) 661-6350</p>	<b>Job</b> HRT 100 943239 (BU 806376)	<b>Page</b> 53 of 59
	<b>Project</b> TEP No. 25677.537063	<b>Date</b> 17:00:52 05/06/21
	<b>Client</b> Crown Castle	<b>Designed by</b> tmlester

Elevation	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
121.0000	80010798 w/ Mount Pipe	39	17.46	1.62	0.00	24767
109.0000	(2) SBNHH-1D65B w/ Mount Pipe	39	13.52	1.48	0.00	3090
103.0000	VHLP2.5-18	39	11.73	1.36	0.00	2514
99.0000	800MHz 2X50W RRH W/FILTER	39	10.64	1.26	0.00	2236
97.0000	LLPX310R-V1 w/ Mount Pipe	39	10.12	1.21	0.00	2121
87.0000	ERICSSON AIR 21 B2A B4P w/ Mount Pipe	39	7.88	0.96	0.00	3197

### Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	130 - 125	94.66	2	7.49	0.02
L2	125 - 120	86.83	2	7.49	0.02
L3	120 - 115	79.02	2	7.48	0.02
L4	115 - 110	71.29	14	7.29	0.02
L5	110 - 105	63.87	14	6.90	0.02
L6	105 - 100	56.87	14	6.47	0.02
L7	100 - 95	50.38	14	5.94	0.01
L8	95 - 90	44.48	14	5.34	0.01
L9	90 - 89.75	39.25	14	4.65	0.01
L10	89.75 - 84.75	39.01	14	4.63	0.01
L11	84.75 - 84.58	34.37	14	4.23	0.00
L12	84.58 - 84.33	34.22	14	4.22	0.00
L13	84.33 - 83.42	34.00	14	4.20	0.00
L14	83.42 - 83.17	33.20	14	4.14	0.00
L15	83.17 - 83	32.99	14	4.13	0.00
L16	83 - 82.75	32.84	14	4.12	0.00
L17	82.75 - 77.75	32.62	14	4.11	0.00
L18	77.75 - 70	28.49	14	3.79	0.00
L19	74 - 69	25.62	14	3.54	0.00
L20	69 - 67.08	22.01	14	3.34	0.00
L21	67.08 - 66.83	20.69	14	3.21	0.00
L22	66.83 - 64.08	20.52	14	3.19	0.00
L23	64.08 - 63.83	18.74	14	3.00	0.00
L24	63.83 - 62.5	18.58	14	2.99	0.00
L25	62.5 - 62.25	17.76	14	2.91	0.00
L26	62.25 - 57.25	17.61	14	2.89	0.00
L27	57.25 - 53.5	14.73	14	2.62	0.00
L28	53.5 - 53.25	12.76	14	2.41	0.00
L29	53.25 - 52.58	12.63	14	2.39	0.00
L30	52.58 - 52.33	12.30	14	2.36	0.00
L31	52.33 - 47.33	12.18	14	2.34	0.00
L32	47.33 - 44.58	9.87	14	2.07	0.00
L33	44.58 - 44.33	8.71	14	1.92	0.00
L34	44.33 - 41.92	8.61	14	1.91	0.00
L35	41.92 - 41.67	7.68	14	1.78	0.00
L36	41.67 - 34.08	7.59	14	1.77	0.00
L37	39 - 34	6.64	14	1.63	0.00
L38	34 - 29	5.00	14	1.50	0.00
L39	29 - 26.92	3.56	14	1.24	0.00
L40	26.92 - 26.67	3.04	14	1.14	0.00
L41	26.67 - 21.67	2.99	14	1.12	0.00
L42	21.67 - 18	1.93	14	0.89	0.00
L43	18 - 17.75	1.31	14	0.72	0.00

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b>	HRT 100 943239 (BU 806376)	<b>Page</b>	54 of 59
	<b>Project</b>	TEP No. 25677.537063	<b>Date</b>	17:00:52 05/06/21
	<b>Client</b>	Crown Castle	<b>Designed by</b>	tmlester

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L44	17.75 - 17.5	1.27	14	0.71	0.00
L45	17.5 - 17.25	1.24	14	0.70	0.00
L46	17.25 - 17.08	1.20	14	0.69	0.00
L47	17.08 - 16.83	1.18	14	0.69	0.00
L48	16.83 - 13	1.14	14	0.68	0.00
L49	13 - 12.75	0.66	14	0.51	0.00
L50	12.75 - 11.92	0.64	14	0.50	0.00
L51	11.92 - 11.67	0.55	14	0.48	0.00
L52	11.67 - 6.67	0.53	14	0.46	0.00
L53	6.67 - 6.5	0.16	14	0.24	0.00
L54	6.5 - 6.25	0.15	14	0.23	0.00
L55	6.25 - 3.75	0.14	14	0.22	0.00
L56	3.75 - 3.5	0.05	14	0.13	0.00
L57	3.5 - 3	0.04	14	0.12	0.00
L58	3 - 2.75	0.03	14	0.10	0.00
L59	2.75 - 0	0.03	14	0.09	0.00

### Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
121.0000	80010798 w/ Mount Pipe	2	80.58	7.49	0.02	5775
109.0000	(2) SBNHH-1D65B w/ Mount Pipe	14	62.43	6.82	0.02	696
103.0000	VHLP2.5-18	14	54.21	6.27	0.01	566
99.0000	800MHz 2X50W RRH W/FILTER	14	49.15	5.83	0.01	499
97.0000	LLPX310R-V1 w/ Mount Pipe	14	46.76	5.60	0.01	472
87.0000	ERICSSON AIR 21 B2A B4P w/ Mount Pipe	14	36.40	4.42	0.01	703

### Compression Checks

### Pole Design Data

Section No.	Elevation ft	Size	L ft	L <sub>u</sub> ft	Kl/r	A in <sup>2</sup>	P <sub>u</sub> K	φP <sub>n</sub> K	Ratio P <sub>u</sub> / φP <sub>n</sub>
L1	130 - 125 (1)	TP11.775x10.525x0.1875	5.0000	0.0000	0.0	6.9960	-0.10	409.26	0.000
L2	125 - 120 (2)	TP13.025x11.775x0.1875	5.0000	0.0000	0.0	7.7506	-15.11	453.41	0.033
L3	120 - 115 (3)	TP14.275x13.025x0.1875	5.0000	0.0000	0.0	8.5053	-4.31	497.56	0.009
L4	115 - 110 (4)	TP15.525x14.275x0.1875	5.0000	0.0000	0.0	9.2600	-4.55	541.71	0.008
L5	110 - 105 (5)	TP16.775x15.525x0.25	5.0000	0.0000	0.0	13.3032	-8.94	778.24	0.011
L6	105 - 100 (6)	TP18.0265x16.775x0.25	5.0000	0.0000	0.0	14.3101	-9.45	837.14	0.011
L7	100 - 95 (7)	TP19.2773x18.0265x0.25	5.0000	0.0000	0.0	15.3169	-14.50	896.04	0.016
L8	95 - 90 (8)	TP20.528x19.2773x0.25	5.0000	0.0000	0.0	16.3238	-15.19	954.94	0.016
L9	90 - 89.75 (9)	TP20.5905x20.528x0.5	0.2500	0.0000	0.0	32.3458	-15.26	1892.23	0.008
L10	89.75 - 84.75 (10)	TP21.8413x20.5905x0.4813	5.0000	0.0000	0.0	33.1000	-20.07	1936.35	0.010
L11	84.75 - 84.58 (11)	TP21.8838x21.8413x0.475	0.1700	0.0000	0.0	32.7448	-20.12	1915.57	0.011

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b>	HRT 100 943239 (BU 806376)	<b>Page</b>	55 of 59
	<b>Project</b>	TEP No. 25677.537063	<b>Date</b>	17:00:52 05/06/21
	<b>Client</b>	Crown Castle	<b>Designed by</b>	tmlster

Section No.	Elevation ft	Size	L ft	L <sub>u</sub> ft	Kl/r	A in <sup>2</sup>	P <sub>u</sub> K	φP <sub>n</sub> K	Ratio $\frac{P_u}{\phi P_n}$
L12	84.58 - 84.33 (12)	TP21.9464x21.8838x0.6375	0.2500	0.0000	0.0	43.7417	-20.18	2558.89	0.008
L13	84.33 - 83.42 (13)	TP22.174x21.9464x0.625	0.9100	0.0000	0.0	43.3673	-20.38	2536.99	0.008
L14	83.42 - 83.17 (14)	TP22.2365x22.174x0.95	0.2500	0.0000	0.0	65.1155	-20.46	3809.26	0.005
L15	83.17 - 83 (15)	TP22.2791x22.2365x0.95	0.1700	0.0000	0.0	65.2456	-20.51	3816.87	0.005
L16	83 - 82.75 (16)	TP22.3416x22.2791x0.7	0.2500	0.0000	0.0	48.7801	-20.57	2853.64	0.007
L17	82.75 - 77.75 (17)	TP23.5923x22.3416x0.6625	5.0000	0.0000	0.0	48.9151	-21.77	2861.53	0.008
L18	77.75 - 70 (18)	TP25.531x23.5923x0.65	7.7500	0.0000	0.0	49.9817	-22.70	2923.93	0.008
L19	70 - 69 (19)	TP25.281x24.0304x0.7	5.0000	0.0000	0.0	55.4055	-24.76	3241.22	0.008
L20	69 - 67.08 (20)	TP25.7612x25.281x0.6875	1.9200	0.0000	0.0	55.5069	-25.28	3247.15	0.008
L21	67.08 - 66.83 (21)	TP25.8237x25.7612x0.6875	0.2500	0.0000	0.0	55.6453	-25.37	3255.25	0.008
L22	66.83 - 64.08 (22)	TP26.5115x25.8237x0.675	2.7500	0.0000	0.0	56.1557	-26.13	3285.11	0.008
L23	64.08 - 63.83 (23)	TP26.5741x26.5115x0.7375	0.2500	0.0000	0.0	61.3554	-26.23	3589.29	0.007
L24	63.83 - 62.5 (24)	TP26.9067x26.5741x0.7375	1.3300	0.0000	0.0	62.1454	-26.64	3635.50	0.007
L25	62.5 - 62.25 (25)	TP26.9693x26.9067x0.8625	0.2500	0.0000	0.0	72.5050	-26.74	4241.54	0.006
L26	62.25 - 57.25 (26)	TP28.2198x26.9693x0.8375	5.0000	0.0000	0.0	73.8433	-28.41	4319.83	0.007
L27	57.25 - 53.5 (27)	TP29.1578x28.2198x0.8125	3.7500	0.0000	0.0	74.1583	-29.70	4338.26	0.007
L28	53.5 - 53.25 (28)	TP29.2203x29.1578x0.8375	0.2500	0.0000	0.0	76.5413	-29.80	4477.67	0.007
L29	53.25 - 52.58 (29)	TP29.3879x29.2203x0.825	0.6700	0.0000	0.0	75.8773	-30.04	4438.82	0.007
L30	52.58 - 52.33 (30)	TP29.4504x29.3879x0.8375	0.2500	0.0000	0.0	77.1618	-30.13	4513.97	0.007
L31	52.33 - 47.33 (31)	TP30.701x29.4504x0.8125	5.0000	0.0000	0.0	78.1957	-31.95	4574.45	0.007
L32	47.33 - 44.58 (32)	TP31.3888x30.701x0.8	2.7500	0.0000	0.0	78.7967	-32.97	4609.61	0.007
L33	44.58 - 44.33 (33)	TP31.4513x31.3888x0.8	0.2500	0.0000	0.0	78.9578	-33.08	4619.03	0.007
L34	44.33 - 41.92 (34)	TP32.0541x31.4513x0.7875	2.4100	0.0000	0.0	79.2843	-33.97	4638.13	0.007
L35	41.92 - 41.67 (35)	TP32.1166x32.0541x0.8125	0.2500	0.0000	0.0	81.8994	-34.09	4791.12	0.007
L36	41.67 - 34.08 (36)	TP34.015x32.1166x0.8125	7.5900	0.0000	0.0	83.6466	-35.10	4893.32	0.007
L37	34.08 - 34 (37)	TP33.4082x32.1594x0.8313	5.0000	0.0000	0.0	87.1963	-38.63	5100.99	0.008
L38	34 - 29 (38)	TP34.657x33.4082x0.8063	5.0000	0.0000	0.0	87.8808	-40.65	5141.03	0.008
L39	29 - 26.92 (39)	TP35.1765x34.657x0.7938	2.0800	0.0000	0.0	87.8780	-41.51	5140.87	0.008
L40	26.92 - 26.67 (40)	TP35.239x35.1765x0.8688	0.2500	0.0000	0.0	96.1463	-41.64	5624.56	0.007
L41	26.67 - 21.67 (41)	TP36.4877x35.239x0.8563	5.0000	0.0000	0.0	96.8632	-43.03	5666.50	0.008
L42	21.67 - 18 (42)	TP37.4044x36.4877x0.8438	3.6700	0.0000	0.0	96.8403	-43.97	5665.16	0.008
L43	18 - 17.75 (43)	TP37.4668x37.4044x0.9938	0.2500	0.0000	0.0	116.509	-45.67	6815.80	0.007
L44	17.75 - 17.5 (44)	TP37.5292x37.4668x0.9938	0.2500	0.0000	0.0	116.709	-45.80	6827.49	0.007
L45	17.5 - 17.25 (45)	TP37.5917x37.5292x0.9938	0.2500	0.0000	0.0	116.909	-45.93	6839.18	0.007
L46	17.25 - 17.08	TP37.6341x37.5917x0.9938	0.1700	0.0000	0.0	117.109	-46.06	6850.86	0.007

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b>	HRT 100 943239 (BU 806376)	<b>Page</b>	56 of 59
	<b>Project</b>	TEP No. 25677.537063	<b>Date</b>	17:00:52 05/06/21
	<b>Client</b>	Crown Castle	<b>Designed by</b>	tmlster

Section No.	Elevation ft	Size	L ft	L <sub>u</sub> ft	Kl/r	A in <sup>2</sup>	P <sub>u</sub> K	φP <sub>n</sub> K	Ratio $\frac{P_u}{\phi P_n}$
L47	17.08 - 16.83 (46)	TP37.6966x37.6341x0.8938	0.2500	0.0000	0.0	105.734	-46.15	6185.45	0.007
L48	16.83 - 13 (47)	TP38.6531x37.6966x0.8813	3.8300	0.0000	0.0	104.468	-46.29	6111.38	0.008
L49	13 - 12.75 (49)	TP38.7156x38.6531x1.0438	0.2500	0.0000	0.0	126.400	-48.14	7394.43	0.007
L50	12.75 - 11.92 (50)	TP38.9229x38.7156x1.0438	0.8300	0.0000	0.0	126.610	-48.28	7406.70	0.007
L51	11.92 - 11.67 (51)	TP38.9853x38.9229x0.8188	0.2500	0.0000	0.0	100.457	-48.74	5876.72	0.008
L52	11.67 - 6.67 (52)	TP40.2341x38.9853x0.7938	5.0000	0.0000	0.0	97.6129	-48.88	5710.35	0.009
L53	6.67 - 6.5 (53)	TP40.2766x40.2341x0.7938	0.1700	0.0000	0.0	100.805	-51.34	5897.07	0.009
L54	6.5 - 6.25 (54)	TP40.339x40.2766x0.9188	0.2500	0.0000	0.0	116.435	-51.42	6811.46	0.008
L55	6.25 - 3.75 (55)	TP40.9634x40.339x0.9188	2.5000	0.0000	0.0	116.620	-51.57	6822.27	0.008
L56	3.75 - 3.5 (56)	TP41.0258x40.9634x0.9938	0.2500	0.0000	0.0	127.898	-52.88	7482.03	0.007
L57	3.5 - 3 (57)	TP41.1507x41.0258x0.9938	0.5000	0.0000	0.0	128.098	-53.03	7493.72	0.007
L58	3 - 2.75 (58)	TP41.2132x41.1507x0.9438	0.2500	0.0000	0.0	122.184	-53.30	7147.76	0.007
L59	2.75 - 0 (59)	TP41.9x41.2132x1.0438	2.7500	0.0000	0.0	135.004	-53.45	7897.76	0.007

### Pole Bending Design Data

Section No.	Elevation ft	Size	M <sub>ux</sub> kip-ft	φM <sub>ux</sub> kip-ft	Ratio $\frac{M_{ux}}{\phi M_{ux}}$	M <sub>uy</sub> kip-ft	φM <sub>uy</sub> kip-ft	Ratio $\frac{M_{uy}}{\phi M_{uy}}$
L1	130 - 125 (1)	TP11.775x10.525x0.1875	0.63	120.74	0.005	0.00	120.74	0.000
L2	125 - 120 (2)	TP13.025x11.775x0.1875	2.27	148.43	0.015	0.00	148.43	0.000
L3	120 - 115 (3)	TP14.275x13.025x0.1875	46.73	178.97	0.261	0.00	178.97	0.000
L4	115 - 110 (4)	TP15.525x14.275x0.1875	90.58	212.37	0.427	0.00	212.37	0.000
L5	110 - 105 (5)	TP16.775x15.525x0.25	160.33	327.79	0.489	0.00	327.79	0.000
L6	105 - 100 (6)	TP18.0265x16.775x0.25	232.08	379.69	0.611	0.00	379.69	0.000
L7	100 - 95 (7)	TP19.2773x18.0265x0.25	325.03	435.39	0.747	0.00	435.39	0.000
L8	95 - 90 (8)	TP20.528x19.2773x0.25	433.54	494.91	0.876	0.00	494.91	0.000
L9	90 - 89.75 (9)	TP20.5905x20.528x0.5	439.01	959.70	0.457	0.00	959.70	0.000
L10	89.75 - 84.75 (10)	TP21.8413x20.5905x0.4813	560.53	1046.54	0.536	0.00	1046.54	0.000
L11	84.75 - 84.58 (11)	TP21.8838x21.8413x0.475	565.12	1038.02	0.544	0.00	1038.02	0.000
L12	84.58 - 84.33 (12)	TP21.9464x21.8838x0.6375	571.88	1369.79	0.417	0.00	1369.79	0.000
L13	84.33 - 83.42 (13)	TP22.174x21.9464x0.625	596.57	1374.59	0.434	0.00	1374.59	0.000
L14	83.42 - 83.17 (14)	TP22.2365x22.174x0.95	603.37	2008.30	0.300	0.00	2008.30	0.000
L15	83.17 - 83 (15)	TP22.2791x22.2365x0.95	608.00	2016.50	0.302	0.00	2016.50	0.000
L16	83 - 82.75 (16)	TP22.3416x22.2791x0.7	614.82	1547.78	0.397	0.00	1547.78	0.000
L17	82.75 - 77.75 (17)	TP23.5923x22.3416x0.6625	753.13	1649.97	0.456	0.00	1649.97	0.000

<p><b>tnxTower</b></p> <p><b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350</p>	<p><b>Job</b></p> <p>HRT 100 943239 (BU 806376)</p>	<p><b>Page</b></p> <p>57 of 59</p>
	<p><b>Project</b></p> <p>TEP No. 25677.537063</p>	<p><b>Date</b></p> <p>17:00:52 05/06/21</p>
	<p><b>Client</b></p> <p>Crown Castle</p>	<p><b>Designed by</b></p> <p>tmlester</p>

Section No.	Elevation ft	Size	$M_{ux}$ kip-ft	$\phi M_{rx}$ kip-ft	Ratio $\frac{M_{ux}}{\phi M_{rx}}$	$M_{uy}$ kip-ft	$\phi M_{ry}$ kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ry}}$
L18	77.75 - 70 (18)	TP25.531x23.5923x0.65	859.23	1758.70	0.489	0.00	1758.70	0.000
L19	70 - 69 (19)	TP25.281x24.0304x0.7	1004.22	2004.28	0.501	0.00	2004.28	0.000
L20	69 - 67.08 (20)	TP25.7612x25.281x0.6875	1060.94	2050.31	0.517	0.00	2050.31	0.000
L21	67.08 - 66.83 (21)	TP25.8237x25.7612x0.6875	1068.37	2060.68	0.518	0.00	2060.68	0.000
L22	66.83 - 64.08 (22)	TP26.5115x25.8237x0.675	1150.68	2140.07	0.538	0.00	2140.07	0.000
L23	64.08 - 63.83 (23)	TP26.5741x26.5115x0.7375	1158.22	2332.73	0.497	0.00	2332.73	0.000
L24	63.83 - 62.5 (24)	TP26.9067x26.5741x0.7375	1198.48	2394.04	0.501	0.00	2394.04	0.000
L25	62.5 - 62.25 (25)	TP26.9693x26.9067x0.8625	1206.08	2773.36	0.435	0.00	2773.36	0.000
L26	62.25 - 57.25 (26)	TP28.2198x26.9693x0.8375	1360.12	2969.61	0.458	0.00	2969.61	0.000
L27	57.25 - 53.5 (27)	TP29.1578x28.2198x0.8125	1478.23	3092.92	0.478	0.00	3092.92	0.000
L28	53.5 - 53.25 (28)	TP29.2203x29.1578x0.8375	1486.18	3193.91	0.465	0.00	3193.91	0.000
L29	53.25 - 52.58 (29)	TP29.3879x29.2203x0.825	1507.55	3188.22	0.473	0.00	3188.22	0.000
L30	52.58 - 52.33 (30)	TP29.4504x29.3879x0.8375	1515.53	3246.66	0.467	0.00	3246.66	0.000
L31	52.33 - 47.33 (31)	TP30.701x29.4504x0.8125	1677.35	3443.82	0.487	0.00	3443.82	0.000
L32	47.33 - 44.58 (32)	TP31.3888x30.701x0.8	1768.03	3555.17	0.497	0.00	3555.17	0.000
L33	44.58 - 44.33 (33)	TP31.4513x31.3888x0.8	1776.33	3569.90	0.498	0.00	3569.90	0.000
L34	44.33 - 41.92 (34)	TP32.0541x31.4513x0.7875	1856.83	3659.88	0.507	0.00	3659.88	0.000
L35	41.92 - 41.67 (35)	TP32.1166x32.0541x0.8125	1865.23	3782.29	0.493	0.00	3782.29	0.000
L36	41.67 - 34.08 (36)	TP34.015x32.1166x0.8125	1955.41	3947.47	0.495	0.00	3947.47	0.000
L37	34.08 - 34 (37)	TP33.4082x32.1594x0.8313	2126.83	4192.45	0.507	0.00	4192.45	0.000
L38	34 - 29 (38)	TP34.657x33.4082x0.8063	2301.40	4397.86	0.523	0.00	4397.86	0.000
L39	29 - 26.92 (39)	TP35.1765x34.657x0.7938	2374.82	4470.03	0.531	0.00	4470.03	0.000
L40	26.92 - 26.67 (40)	TP35.239x35.1765x0.8688	2383.68	4878.38	0.489	0.00	4878.38	0.000
L41	26.67 - 21.67 (41)	TP36.4877x35.239x0.8563	2490.46	5028.12	0.495	0.00	5028.12	0.000
L42	21.67 - 18 (42)	TP37.4044x36.4877x0.8438	2562.18	5103.68	0.502	0.00	5103.68	0.000
L43	18 - 17.75 (43)	TP37.4668x37.4044x0.9938	2694.88	6250.22	0.431	0.00	6250.22	0.000
L44	17.75 - 17.5 (44)	TP37.5292x37.4668x0.9938	2703.97	6271.97	0.431	0.00	6271.97	0.000
L45	17.5 - 17.25 (45)	TP37.5917x37.5292x0.9938	2713.07	6293.75	0.431	0.00	6293.75	0.000
L46	17.25 - 17.08 (46)	TP37.6341x37.5917x0.9938	2722.18	6315.56	0.431	0.00	6315.56	0.000
L47	17.08 - 16.83 (47)	TP37.6966x37.6341x0.8938	2728.38	5740.14	0.475	0.00	5740.14	0.000
L48	16.83 - 13 (48)	TP38.6531x37.6966x0.8813	2737.51	5685.12	0.482	0.00	5685.12	0.000
L49	13 - 12.75 (49)	TP38.7156x38.6531x1.0438	2878.07	7000.97	0.411	0.00	7000.97	0.000
L50	12.75 - 11.92 (50)	TP38.9229x38.7156x1.0438	2887.29	7024.54	0.411	0.00	7024.54	0.000
L51	11.92 - 11.67 (51)	TP38.9853x38.9229x0.8188	2917.97	5671.78	0.514	0.00	5671.78	0.000
L52	11.67 - 6.67 (52)	TP40.2341x38.9853x0.7938	2927.23	5527.68	0.530	0.00	5527.68	0.000

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b> HRT 100 943239 (BU 806376)	<b>Page</b> 58 of 59
	<b>Project</b> TEP No. 25677.537063	<b>Date</b> 17:00:52 05/06/21
	<b>Client</b> Crown Castle	<b>Designed by</b> tmlester

Section No.	Elevation ft	Size	$M_{ux}$ kip-ft	$\phi M_{nx}$ kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	$M_{uy}$ kip-ft	$\phi M_{ny}$ kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L53	6.67 - 6.5 (53)	TP40.2766x40.2341x0.7938	3113.68	5898.87	0.528	0.00	5898.87	0.000
L54	6.5 - 6.25 (54)	TP40.339x40.2766x0.9188	3120.06	6777.90	0.460	0.00	6777.90	0.000
L55	6.25 - 3.75 (55)	TP40.9634x40.339x0.9188	3129.45	6799.67	0.460	0.00	6799.67	0.000
L56	3.75 - 3.5 (56)	TP41.0258x40.9634x0.9938	3223.74	7549.70	0.427	0.00	7549.70	0.000
L57	3.5 - 3 (57)	TP41.1507x41.0258x0.9938	3233.21	7573.59	0.427	0.00	7573.59	0.000
L58	3 - 2.75 (58)	TP41.2132x41.1507x0.9438	3252.16	7265.09	0.448	0.00	7265.09	0.000
L59	2.75 - 0 (59)	TP41.9x41.2132x1.0438	3261.65	8000.27	0.408	0.00	8000.27	0.000

### Pole Shear Design Data

Section No.	Elevation ft	Size	Actual $V_u$ K	$\phi V_n$ K	Ratio $\frac{V_u}{\phi V_n}$	Actual $T_u$ kip-ft	$\phi T_n$ kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	130 - 125 (1)	TP11.775x10.525x0.1875	0.26	122.78	0.002	0.00	125.15	0.000
L2	125 - 120 (2)	TP13.025x11.775x0.1875	2.24	136.02	0.016	0.00	153.60	0.000
L3	120 - 115 (3)	TP14.275x13.025x0.1875	8.54	149.27	0.057	0.06	184.97	0.000
L4	115 - 110 (4)	TP15.525x14.275x0.1875	9.03	162.51	0.056	0.02	219.25	0.000
L5	110 - 105 (5)	TP16.775x15.525x0.25	13.95	233.47	0.060	0.50	339.39	0.001
L6	105 - 100 (6)	TP18.0265x16.775x0.25	14.73	251.14	0.059	1.05	392.70	0.003
L7	100 - 95 (7)	TP19.2773x18.0265x0.25	21.54	268.81	0.080	1.07	449.91	0.002
L8	95 - 90 (8)	TP20.528x19.2773x0.25	21.89	286.48	0.076	1.07	511.00	0.002
L9	90 - 89.75 (9)	TP20.5905x20.528x0.5	21.90	567.67	0.039	1.07	1003.20	0.001
L10	89.75 - 84.75 (10)	TP21.8413x20.5905x0.4813	27.00	580.91	0.046	0.84	1091.46	0.001
L11	84.75 - 84.58 (11)	TP21.8838x21.8413x0.475	27.02	574.67	0.047	0.85	1082.21	0.001
L12	84.58 - 84.33 (12)	TP21.9464x21.8838x0.6375	27.05	767.67	0.035	0.85	1438.91	0.001
L13	84.33 - 83.42 (13)	TP22.174x21.9464x0.625	27.19	761.10	0.036	0.86	1442.67	0.001
L14	83.42 - 83.17 (14)	TP22.2365x22.174x0.95	27.22	1142.78	0.024	0.86	2139.77	0.000
L15	83.17 - 83 (15)	TP22.2791x22.2365x0.95	27.24	1145.06	0.024	0.86	2148.32	0.000
L16	83 - 82.75 (16)	TP22.3416x22.2791x0.7	27.28	856.09	0.032	0.86	1629.71	0.001
L17	82.75 - 77.75 (17)	TP23.5923x22.3416x0.6625	28.05	858.46	0.033	0.62	1731.49	0.000
L18	77.75 - 70 (18)	TP25.531x23.5923x0.65	28.60	877.18	0.033	0.66	1842.59	0.000
L19	70 - 69 (19)	TP25.281x24.0304x0.7	29.43	972.37	0.030	0.71	2102.47	0.000
L20	69 - 67.08 (20)	TP25.7612x25.281x0.6875	29.73	974.15	0.031	0.73	2148.53	0.000
L21	67.08 - 66.83 (21)	TP25.8237x25.7612x0.6875	29.74	976.58	0.030	0.74	2159.27	0.000
L22	66.83 - 64.08 (22)	TP26.5115x25.8237x0.675	30.17	985.53	0.031	0.76	2239.78	0.000
L23	64.08 - 63.83 (23)	TP26.5741x26.5115x0.7375	30.19	1076.79	0.028	0.76	2447.18	0.000
L24	63.83 - 62.5 (24)	TP26.9067x26.5741x0.7375	30.41	1090.65	0.028	0.78	2510.59	0.000
L25	62.5 - 62.25 (25)	TP26.9693x26.9067x0.8625	30.43	1272.46	0.024	0.78	2922.12	0.000
L26	62.25 - 57.25 (26)	TP28.2198x26.9693x0.8375	31.23	1295.95	0.024	0.83	3121.47	0.000
L27	57.25 - 53.5 (27)	TP29.1578x28.2198x0.8125	31.82	1301.48	0.024	0.86	3245.02	0.000
L28	53.5 - 53.25 (28)	TP29.2203x29.1578x0.8375	31.85	1343.30	0.024	0.86	3353.72	0.000
L29	53.25 - 52.58	TP29.3879x29.2203x0.825	31.96	1331.65	0.024	0.87	3345.72	0.000

<b>tnxTower</b>  <b>Tower Engineering Professionals, Inc.</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b>	HRT 100 943239 (BU 806376)	<b>Page</b>	59 of 59
	<b>Project</b>	TEP No. 25677.537063	<b>Date</b>	17:00:52 05/06/21
	<b>Client</b>	Crown Castle	<b>Designed by</b>	tmlester

Section No.	Elevation ft	Size	Actual $V_u$ K	$\phi V_n$ K	Ratio $\frac{V_u}{\phi V_n}$	Actual $T_u$ kip-ft	$\phi T_n$ kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L30	(29) 52.58 - 52.33	TP29.4504x29.3879x0.8375	31.99	1354.19	0.024	0.87	3408.32	0.000
L31	(30) 52.33 - 47.33	TP30.701x29.4504x0.8125	32.79	1372.33	0.024	0.91	3607.97	0.000
L32	(31) 47.33 - 44.58	TP31.3888x30.701x0.8	33.22	1382.88	0.024	0.94	3720.89	0.000
L33	(32) 44.58 - 44.33	TP31.4513x31.3888x0.8	33.24	1385.71	0.024	0.94	3736.13	0.000
L34	(33) 44.33 - 41.92	TP32.0541x31.4513x0.7875	33.63	1391.44	0.024	0.96	3826.88	0.000
L35	(34) 41.92 - 41.67	TP32.1166x32.0541x0.8125	33.64	1437.33	0.023	0.96	3957.85	0.000
L36	(35) 41.67 - 34.08	TP34.015x32.1166x0.8125	33.97	1468.00	0.023	0.96	4128.52	0.000
L37	(36) 34.08 - 34 (37)	TP33.4082x32.1594x0.8313	34.67	1530.30	0.023	0.95	4385.17	0.000
L38	34 - 29 (38)	TP34.657x33.4082x0.8063	35.22	1542.31	0.023	0.95	4592.40	0.000
L39	29 - 26.92 (39)	TP35.1765x34.657x0.7938	35.45	1542.26	0.023	0.95	4664.43	0.000
L40	26.92 - 26.67	TP35.239x35.1765x0.8688	35.46	1687.37	0.021	0.95	5101.43	0.000
L41	(40) 26.67 - 21.67	TP36.4877x35.239x0.8563	35.89	1712.04	0.021	0.95	5253.38	0.000
L42	(41) 21.67 - 18 (42)	TP37.4044x36.4877x0.8438	36.13	1714.12	0.021	0.95	5328.68	0.000
L43	18 - 17.75 (43)	TP37.4668x37.4044x0.9938	36.41	2048.25	0.018	0.96	6548.86	0.000
L44	17.75 - 17.5	TP37.5292x37.4668x0.9938	36.45	2051.75	0.018	0.96	6571.34	0.000
L45	(44) 17.5 - 17.25	TP37.5917x37.5292x0.9938	36.48	2055.26	0.018	0.96	6593.86	0.000
L46	(45) 17.25 - 17.08	TP37.6341x37.5917x0.9938	36.50	2057.64	0.018	0.96	6616.42	0.000
L47	(46) 17.08 - 16.83	TP37.6966x37.6341x0.8938	36.53	1858.79	0.020	0.96	5997.03	0.000
L48	(47) 16.83 - 13 (48)	TP38.6531x37.6966x0.8813	36.68	1849.29	0.020	0.96	5937.30	0.000
L49	13 - 12.75 (49)	TP38.7156x38.6531x1.0438	36.95	2222.01	0.017	0.96	7338.75	0.000
L50	12.75 - 11.92	TP38.9229x38.7156x1.0438	37.04	2234.24	0.017	0.96	7363.13	0.000
L51	(50) 11.92 - 11.67	TP38.9853x38.9229x0.8188	37.06	1765.91	0.021	0.96	5909.19	0.000
L52	(51) 11.67 - 6.67	TP40.2341x38.9853x0.7938	37.18	1724.31	0.022	0.96	5755.08	0.000
L53	(52) 6.67 - 6.5 (53)	TP40.2766x40.2341x0.7938	37.58	1771.03	0.021	0.96	6137.60	0.000
L54	6.5 - 6.25 (54)	TP40.339x40.2766x0.9188	37.61	2046.68	0.018	0.96	7074.44	0.000
L55	6.25 - 3.75 (55)	TP40.9634x40.339x0.9188	37.76	2062.89	0.018	0.96	7096.91	0.000
L56	3.75 - 3.5 (56)	TP41.0258x40.9634x0.9938	37.90	2248.11	0.017	0.96	7891.71	0.000
L57	3.5 - 3 (57)	TP41.1507x41.0258x0.9938	37.96	2255.13	0.017	0.96	7916.38	0.000
L58	3 - 2.75 (58)	TP41.2132x41.1507x0.9438	37.98	2147.66	0.018	0.96	7583.90	0.000
L59	2.75 - 0 (59)	TP41.9x41.2132x1.0438	38.15	2389.58	0.016	0.96	8371.83	0.000

**APPENDIX B**  
**BASE LEVEL DRAWING**





(PROPOSED EQUIPMENT CONFIGURATION)

(2) 1-7/8" TO 109 FT LEVEL

(OTHER CONSIDERED EQUIPMENT-IN (4) 2" CONDUITS)

(2) 3/8" TO 121 FT LEVEL

(8) 3/4" TO 121 FT LEVEL

(OTHER CONSIDERED EQUIPMENT)

(6) 1-1/4" TO 121 FT LEVEL

(OTHER CONSIDERED EQUIPMENT)

(6) 1-1/4" TO 87 FT LEVEL

(1) 1-3/8" TO 87 FT LEVEL

(3) 1-5/8" TO 87 FT LEVEL

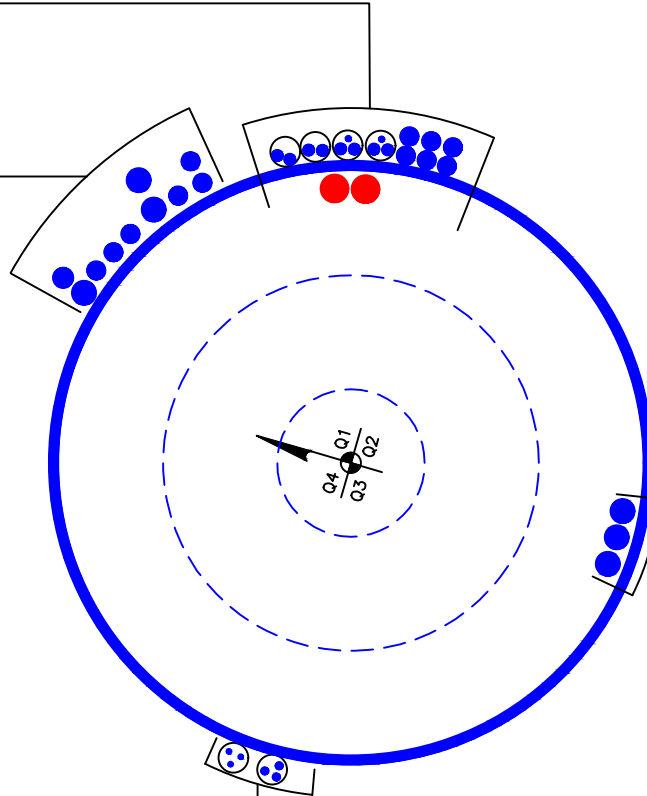
(OTHER CONSIDERED EQUIPMENT)

(3) 1-5/8" TO 97 FT LEVEL

(OTHER CONSIDERED EQUIPMENT-IN (2) 2" IN CONDUITS)

(3) 5/16" TO 97 FT LEVEL

(3) 1/2" TO 97 FT LEVEL



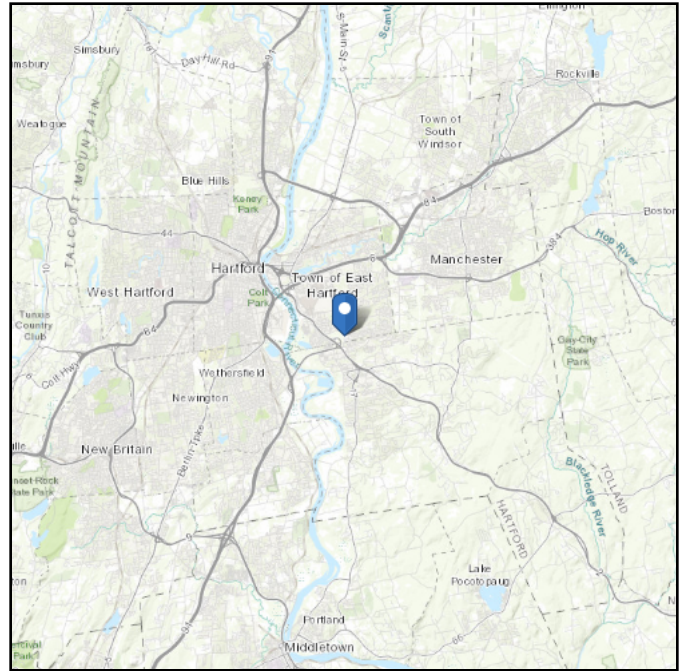
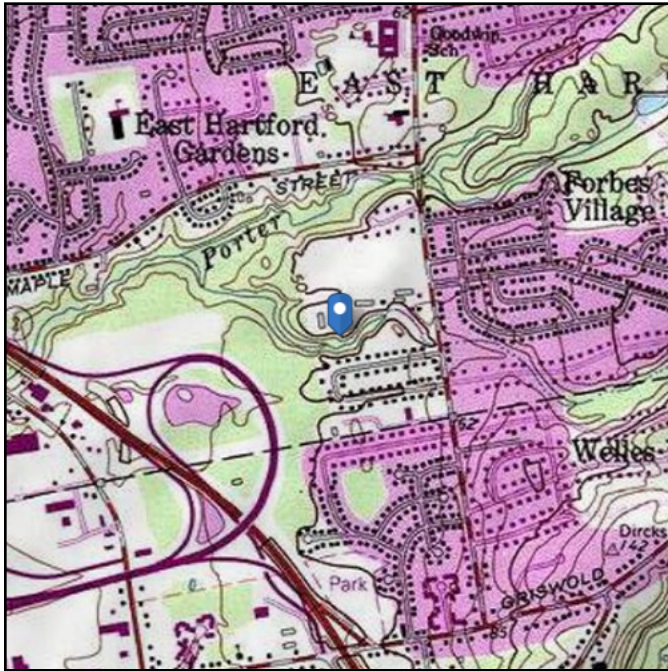
**APPENDIX C**  
**ADDITIONAL CALCULATIONS**

# ASCE 7 Hazards Report

**Address:**  
No Address at This Location

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

**Elevation:** 41.23 ft (NAVD 88)  
**Latitude:** 41.731472  
**Longitude:** -72.607778



## Wind

### Results:

Wind Speed:	123 Vmph
10-year MRI	77 Vmph
25-year MRI	87 Vmph
50-year MRI	93 Vmph
100-year MRI	101 Vmph

125 mph per Jurisdiction requirement

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

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 7% probability of exceedance in 50 years (annual exceedance probability = 0.00143, MRI = 700 years).

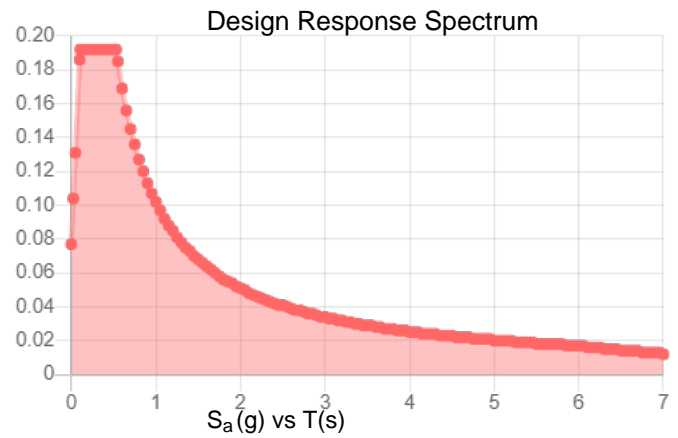
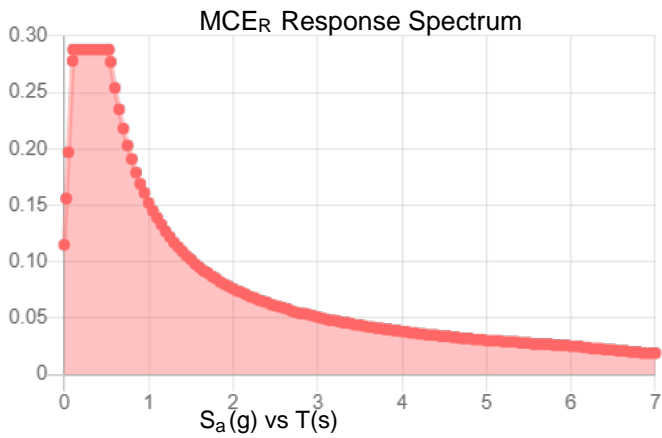
Site is in a hurricane-prone region as defined in ASCE/SEI 7-10 Section 26.2. Glazed openings need not be protected against wind-borne debris.

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

**Results:**

$S_s$ :	0.18	$S_{DS}$ :	0.192
$S_1$ :	0.064	$S_{D1}$ :	0.102
$F_a$ :	1.6	$T_L$ :	6
$F_v$ :	2.4	PGA :	0.091
$S_{MS}$ :	0.288	$PGA_M$ :	0.145
$S_{M1}$ :	0.152	$F_{PGA}$ :	1.6
		$I_e$ :	1

**Seismic Design Category** B



**Data Accessed:**

Mon May 03 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: 1.00 in.

Concurrent Temperature: 5 F

Gust Speed: 50 mph

**Data Source:** Standard ASCE/SEI 7-10, Figs. 10-2 through 10-8

**Date Accessed:** Mon May 03 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.



# TNX Geometry Input

Increment (ft): 5 [Export to TNX](#)

	Section Height (ft)	Section Length (ft)	Lap Splice Length (ft)	Number of Sides	Top Diameter (in)	Bottom Diameter (in)	Wall Thickness (in)	Tapered Pole Grade	Weight Multiplier
1	130 - 125	5		12	10.525	11.775	0.1875	A572-65	1.000
2	125 - 120	5		12	11.775	13.025	0.1875	A572-65	1.000
3	120 - 115	5		12	13.025	14.275	0.1875	A572-65	1.000
4	115 - 110	5	0	12	14.275	15.525	0.1875	A572-65	1.000
5	110 - 105	5		12	15.525	16.776	0.25	A572-65	1.000
6	105 - 100	5		12	16.776	18.027	0.25	A572-65	1.000
7	100 - 95	5		12	18.027	19.277	0.25	A572-65	1.000
8	95 - 90	5		12	19.277	20.528	0.25	A572-65	1.000
9	90 - 89.75	0.25		12	20.528	20.591	0.5	A572-65	0.924
10	89.75 - 84.75	5		12	20.591	21.841	0.48125	A572-65	0.934
11	84.75 - 84.58	0.17		12	21.841	21.884	0.475	A572-65	0.945
12	84.58 - 84.33	0.25		12	21.884	21.946	0.6375	A572-65	0.914
13	84.33 - 83.42	0.91		12	21.946	22.174	0.625	A572-65	0.927
14	83.42 - 83.17	0.25		12	22.174	22.237	0.95	A572-65	0.877
15	83.17 - 83	0.17		12	22.237	22.279	0.95	A572-65	0.876
16	83 - 82.75	0.25		12	22.279	22.342	0.7	A572-65	0.896
17	82.75 - 77.75	5		12	22.342	23.592	0.6625	A572-65	0.914
18	77.75 - 74	7.75	4	12	23.592	25.531	0.65	A572-65	0.909
19	74 - 69	5		12	24.030	25.281	0.7	A572-65	0.921
20	69 - 67.08	1.92		12	25.281	25.761	0.6875	A572-65	0.928
21	67.08 - 66.83	0.25		12	25.761	25.824	0.6875	A572-65	0.927
22	66.83 - 64.08	2.75		12	25.824	26.512	0.675	A572-65	0.931
23	64.08 - 63.83	0.25		12	26.512	26.574	0.7375	A572-65	1.000
24	63.83 - 62.5	1.33		12	26.574	26.907	0.7375	A572-65	0.993
25	62.5 - 62.25	0.25		12	26.907	26.969	0.8625	A572-65	0.914
26	62.25 - 57.25	5		12	26.969	28.220	0.8375	A572-65	0.914
27	57.25 - 53.5	3.75		12	28.220	29.158	0.8125	A572-65	0.923
28	53.5 - 53.25	0.25		12	29.158	29.220	0.8375	A572-65	0.934
29	53.25 - 52.58	0.67		12	29.220	29.388	0.825	A572-65	0.945
30	52.58 - 52.33	0.25		12	29.388	29.450	0.8625	A572-65	0.918
31	52.33 - 47.33	5		12	29.450	30.701	0.8375	A572-65	0.921
32	47.33 - 44.58	2.75		12	30.701	31.389	0.8125	A572-65	0.935
33	44.58 - 44.33	0.25		12	31.389	31.451	0.8125	A572-65	0.934
34	44.33 - 41.92	2.41		12	31.451	32.054	0.8	A572-65	0.938
35	41.92 - 41.67	0.25		12	32.054	32.117	0.8125	A572-65	0.941
36	41.67 - 39	7.59	4.92	12	32.117	34.015	0.7875	A572-65	0.958
37	39 - 34	5		12	32.159	33.408	0.81875	A572-65	0.950
38	34 - 29	5		12	33.408	34.657	0.79375	A572-65	0.960
39	29 - 26.92	2.08		12	34.657	35.177	0.79375	A572-65	0.952
40	26.92 - 26.67	0.25		12	35.177	35.239	0.89375	A572-65	0.968
41	26.67 - 21.67	5		12	35.239	36.488	0.86875	A572-65	0.974
42	21.67 - 18	3.67		12	36.488	37.404	0.85625	A572-65	0.974
43	18 - 17.75	0.25		12	37.404	37.467	0.99375	A572-65	0.947
44	17.75 - 17.5	0.25		12	37.467	37.529	0.99375	A572-65	0.946
45	17.5 - 17.25	0.25		12	37.529	37.592	0.99375	A572-65	0.945
46	17.25 - 17.08	0.17		12	37.592	37.634	0.99375	A572-65	0.945
47	17.08 - 16.83	0.25		12	37.634	37.697	0.89375	A572-65	0.961
48	16.83 - 13	3.83		12	37.697	38.653	0.88125	A572-65	0.960
49	13 - 12.75	0.25		12	38.653	38.716	1.05625	A572-65	0.944
50	12.75 - 11.92	0.83		12	38.716	38.923	1.04375	A572-65	0.952
51	11.92 - 11.67	0.25		12	38.923	38.985	0.81875	A572-65	1.026
52	11.67 - 6.67	5		12	38.985	40.234	0.79375	A572-65	1.038
53	6.67 - 6.5	0.17		12	40.234	40.277	0.79375	A572-65	1.037
54	6.5 - 6.25	0.25		12	40.277	40.339	0.91875	A572-65	0.968
55	6.25 - 3.75	2.5		12	40.339	40.963	0.90625	A572-65	0.971
56	3.75 - 3.5	0.25		12	40.963	41.026	1.01875	A572-65	0.985
57	3.5 - 3	0.5		12	41.026	41.151	1.01875	A572-65	0.983
58	3 - 2.75	0.25		12	41.151	41.213	0.99375	A572-65	0.913
59	2.75 - 0	2.75		12	41.213	41.900	1.04375	A572-65	0.861

# TNX Section Forces

Increment (ft):		TNX Output		
5		$P_u$	$M_{ux}$ (kip-ft)	$V_u$ (K)
	Section Height (ft)	(K)		
1	130 - 125	0.10	0.63	0.26
2	125 - 120	4.13	5.28	8.06
3	120 - 115	4.31	46.73	8.54
4	115 - 110	4.55	90.59	9.03
5	110 - 105	8.94	160.33	13.95
6	105 - 100	9.45	232.08	14.73
7	100 - 95	14.50	325.03	21.54
8	95 - 90	15.19	433.54	21.89
9	90 - 89.75	15.26	439.01	21.90
10	89.75 - 84.75	20.07	560.53	27.00
11	84.75 - 84.58	20.12	565.12	27.02
12	84.58 - 84.33	20.18	571.88	27.05
13	84.33 - 83.42	20.38	596.57	27.19
14	83.42 - 83.17	20.46	603.37	27.22
15	83.17 - 83	20.51	608.00	27.24
16	83 - 82.75	20.57	614.82	27.28
17	82.75 - 77.75	21.77	753.12	28.05
18	77.75 - 74	22.70	859.23	28.60
19	74 - 69	24.76	1004.21	29.43
20	69 - 67.08	25.28	1060.94	29.73
21	67.08 - 66.83	25.37	1068.37	29.74
22	66.83 - 64.08	26.13	1150.68	30.17
23	64.08 - 63.83	26.23	1158.21	30.19
24	63.83 - 62.5	26.64	1198.48	30.41
25	62.5 - 62.25	26.74	1206.08	30.43
26	62.25 - 57.25	28.41	1360.12	31.23
27	57.25 - 53.5	29.70	1478.23	31.82
28	53.5 - 53.25	29.80	1486.18	31.85
29	53.25 - 52.58	30.04	1507.55	31.96
30	52.58 - 52.33	30.13	1515.53	31.99
31	52.33 - 47.33	31.95	1677.35	32.79
32	47.33 - 44.58	32.97	1768.02	33.22
33	44.58 - 44.33	33.08	1776.32	33.24
34	44.33 - 41.92	33.97	1856.83	33.63
35	41.92 - 41.67	34.09	1865.23	33.64
36	41.67 - 39	35.10	1955.41	33.97
37	39 - 34	38.63	2126.84	34.67
38	34 - 29	40.65	2301.40	35.22
39	29 - 26.92	41.51	2374.82	35.45
40	26.92 - 26.67	41.64	2383.68	35.46
41	26.67 - 21.67	43.94	2562.18	36.00
42	21.67 - 18	45.65	2694.88	36.39
43	18 - 17.75	45.80	2703.97	36.41
44	17.75 - 17.5	45.93	2713.08	36.45
45	17.5 - 17.25	46.06	2722.19	36.48
46	17.25 - 17.08	46.15	2728.39	36.50
47	17.08 - 16.83	46.27	2737.51	36.53
48	16.83 - 13	48.12	2878.07	36.94
49	13 - 12.75	48.27	2887.30	36.95
50	12.75 - 11.92	48.73	2917.98	37.04
51	11.92 - 11.67	48.86	2927.23	37.06
52	11.67 - 6.67	51.32	3113.67	37.58
53	6.67 - 6.5	51.42	3120.06	37.58
54	6.5 - 6.25	51.55	3129.45	37.61
55	6.25 - 3.75	52.86	3223.74	37.89
56	3.75 - 3.5	53.02	3233.21	37.90
57	3.5 - 3	53.30	3252.16	37.96
58	3 - 2.75	53.44	3261.65	37.98
59	2.75 - 0	54.93	3366.45	38.31



# Analysis Results

Elevation (ft)	Component Type	Size	Critical Element	% Capacity	Pass / Fail
130 - 125	Pole	TP11.775x10.525x0.1875	Pole	0.5%	Pass
125 - 120	Pole	TP13.025x11.775x0.1875	Pole	4.6%	Pass
120 - 115	Pole	TP14.275x13.025x0.1875	Pole	25.9%	Pass
115 - 110	Pole	TP15.525x14.275x0.1875	Pole	41.6%	Pass
110 - 105	Pole	TP16.776x15.525x0.25	Pole	47.9%	Pass
105 - 100	Pole	TP18.027x16.776x0.25	Pole	59.4%	Pass
100 - 95	Pole	TP19.277x18.027x0.25	Pole	73.0%	Pass
95 - 90	Pole	TP20.528x19.277x0.25	Pole	85.3%	Pass
90 - 89.75	Pole + Reinf.	TP20.591x20.528x0.5	Reinf. 12 Tension Rupture	76.1%	Pass
89.75 - 84.75	Pole + Reinf.	TP21.841x20.591x0.4813	Reinf. 12 Tension Rupture	88.9%	Pass
84.75 - 84.58	Pole + Reinf.	TP21.884x21.841x0.475	Reinf. 12 Tension Rupture	89.4%	Pass
84.58 - 84.33	Pole + Reinf.	TP21.946x21.884x0.6375	Reinf. 12 Tension Rupture	69.2%	Pass
84.33 - 83.42	Pole + Reinf.	TP22.174x21.946x0.625	Reinf. 12 Tension Rupture	71.1%	Pass
83.42 - 83.17	Pole + Reinf.	TP22.237x22.174x0.95	Reinf. 17 Tension Rupture	49.9%	Pass
83.17 - 83	Pole + Reinf.	TP22.279x22.237x0.95	Reinf. 17 Tension Rupture	50.2%	Pass
83 - 82.75	Pole + Reinf.	TP22.342x22.279x0.7	Reinf. 17 Tension Rupture	66.7%	Pass
82.75 - 77.75	Pole + Reinf.	TP23.592x22.342x0.6625	Reinf. 17 Tension Rupture	75.7%	Pass
77.75 - 74	Pole + Reinf.	TP25.531x23.592x0.65	Reinf. 17 Tension Rupture	81.7%	Pass
74 - 69	Pole + Reinf.	TP25.281x24.03x0.7	Reinf. 17 Tension Rupture	83.2%	Pass
69 - 67.08	Pole + Reinf.	TP25.761x25.281x0.6875	Reinf. 17 Tension Rupture	85.4%	Pass
67.08 - 66.83	Pole + Reinf.	TP25.824x25.761x0.6875	Reinf. 17 Tension Rupture	85.7%	Pass
66.83 - 64.08	Pole + Reinf.	TP26.512x25.824x0.675	Reinf. 17 Tension Rupture	88.8%	Pass
64.08 - 63.83	Pole + Reinf.	TP26.574x26.512x0.7375	Reinf. 17 Tension Rupture	85.1%	Pass
63.83 - 62.5	Pole + Reinf.	TP26.907x26.574x0.7375	Reinf. 17 Tension Rupture	86.5%	Pass
62.5 - 62.25	Pole + Reinf.	TP26.969x26.907x0.8625	Reinf. 17 Tension Rupture	71.6%	Pass
62.25 - 57.25	Pole + Reinf.	TP28.22x26.969x0.8375	Reinf. 17 Tension Rupture	75.8%	Pass
57.25 - 53.5	Pole + Reinf.	TP29.158x28.22x0.8125	Reinf. 17 Tension Rupture	78.7%	Pass
53.5 - 53.25	Pole + Reinf.	TP29.22x29.158x0.8375	Reinf. 10 Tension Rupture	78.0%	Pass
53.25 - 52.58	Pole + Reinf.	TP29.388x29.22x0.825	Reinf. 10 Tension Rupture	78.5%	Pass
52.58 - 52.33	Pole + Reinf.	TP29.45x29.388x0.8625	Reinf. 10 Tension Rupture	75.6%	Pass
52.33 - 47.33	Pole + Reinf.	TP30.701x29.45x0.8375	Reinf. 10 Tension Rupture	79.1%	Pass
47.33 - 44.58	Pole + Reinf.	TP31.389x30.701x0.8125	Reinf. 10 Tension Rupture	80.8%	Pass
44.58 - 44.33	Pole + Reinf.	TP31.451x31.389x0.8125	Reinf. 10 Tension Rupture	81.0%	Pass
44.33 - 41.92	Pole + Reinf.	TP32.054x31.451x0.8	Reinf. 10 Tension Rupture	82.5%	Pass
41.92 - 41.67	Pole + Reinf.	TP32.117x32.054x0.8125	Reinf. 9 Tension Rupture	73.4%	Pass
41.67 - 39	Pole + Reinf.	TP34.015x32.117x0.7875	Reinf. 9 Tension Rupture	74.8%	Pass
39 - 34	Pole + Reinf.	TP33.408x32.159x0.8188	Reinf. 9 Tension Rupture	76.2%	Pass
34 - 29	Pole + Reinf.	TP34.657x33.408x0.7938	Reinf. 9 Tension Rupture	78.1%	Pass
29 - 26.92	Pole + Reinf.	TP35.177x34.657x0.7938	Reinf. 9 Tension Rupture	78.9%	Pass
26.92 - 26.67	Pole + Reinf.	TP35.239x35.177x0.8938	Reinf. 7 Tension Rupture	73.8%	Pass
26.67 - 21.67	Pole + Reinf.	TP36.488x35.239x0.8688	Reinf. 7 Tension Rupture	75.6%	Pass
21.67 - 18	Pole + Reinf.	TP37.404x36.488x0.8563	Reinf. 7 Tension Rupture	76.8%	Pass
18 - 17.75	Pole + Reinf.	TP37.467x37.404x0.9938	Reinf. 16 Tension Rupture	64.5%	Pass
17.75 - 17.5	Pole + Reinf.	TP37.529x37.467x0.9938	Reinf. 16 Tension Rupture	64.6%	Pass
17.5 - 17.25	Pole + Reinf.	TP37.592x37.529x0.9938	Reinf. 15 Tension Rupture	64.7%	Pass
17.25 - 17.08	Pole + Reinf.	TP37.634x37.592x0.9938	Reinf. 15 Tension Rupture	64.7%	Pass
17.08 - 16.83	Pole + Reinf.	TP37.697x37.634x0.8938	Reinf. 15 Tension Rupture	70.7%	Pass
16.83 - 13	Pole + Reinf.	TP38.653x37.697x0.8813	Reinf. 15 Tension Rupture	71.7%	Pass
13 - 12.75	Pole + Reinf.	TP38.716x38.653x1.0563	Reinf. 5 Tension Rupture	60.9%	Pass
12.75 - 11.92	Pole + Reinf.	TP38.923x38.716x1.0438	Reinf. 5 Tension Rupture	61.1%	Pass
11.92 - 11.67	Pole + Reinf.	TP38.985x38.923x0.8188	Reinf. 15 Tension Rupture	78.3%	Pass
11.67 - 6.67	Pole + Reinf.	TP40.234x38.985x0.7938	Reinf. 15 Tension Rupture	79.5%	Pass
6.67 - 6.5	Pole + Reinf.	TP40.277x40.234x0.7938	Reinf. 15 Tension Rupture	79.6%	Pass
6.5 - 6.25	Pole + Reinf.	TP40.339x40.277x0.9188	Reinf. 5 Tension Rupture	74.4%	Pass
6.25 - 3.75	Pole + Reinf.	TP40.963x40.339x0.9063	Reinf. 5 Tension Rupture	74.9%	Pass
3.75 - 3.5	Pole + Reinf.	TP41.026x40.963x1.0188	Reinf. 14 Tension Rupture	64.9%	Pass
3.5 - 3	Pole + Reinf.	TP41.151x41.026x1.0188	Reinf. 14 Tension Rupture	65.0%	Pass
3 - 2.75	Pole + Reinf.	TP41.213x41.151x0.9938	Reinf. 15 Tension Rupture	68.9%	Pass
2.75 - 0	Pole + Reinf.	TP41.9x41.213x1.0438	Reinf. 4 Weldment	83.7%	Pass
				Summary	
			Pole	85.3%	Pass
			Reinforcement	89.4%	Pass
			Overall	89.4%	Pass



# Monopole Flange Plate Connection

Elevation = 110 ft.

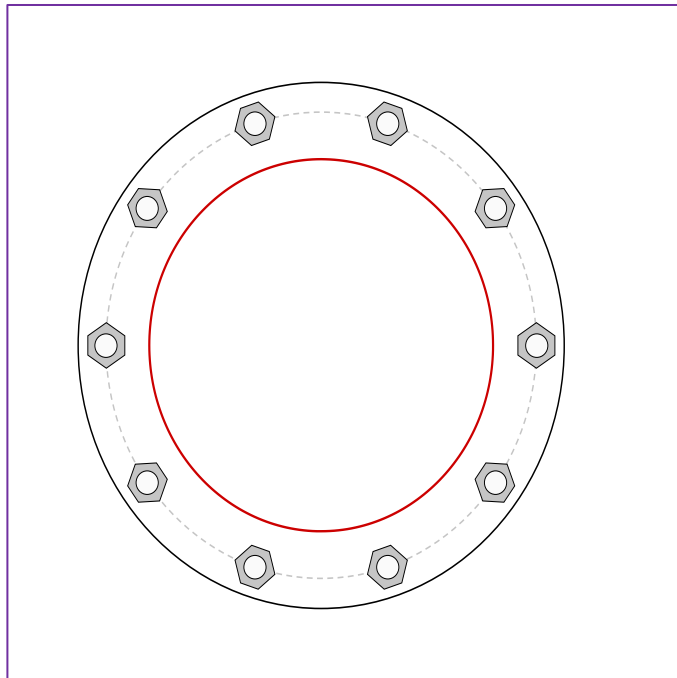


BU #	806376
Site Name	HRT 100 943239
Order #	552642 Rev. 0
TIA-222 Revision	H

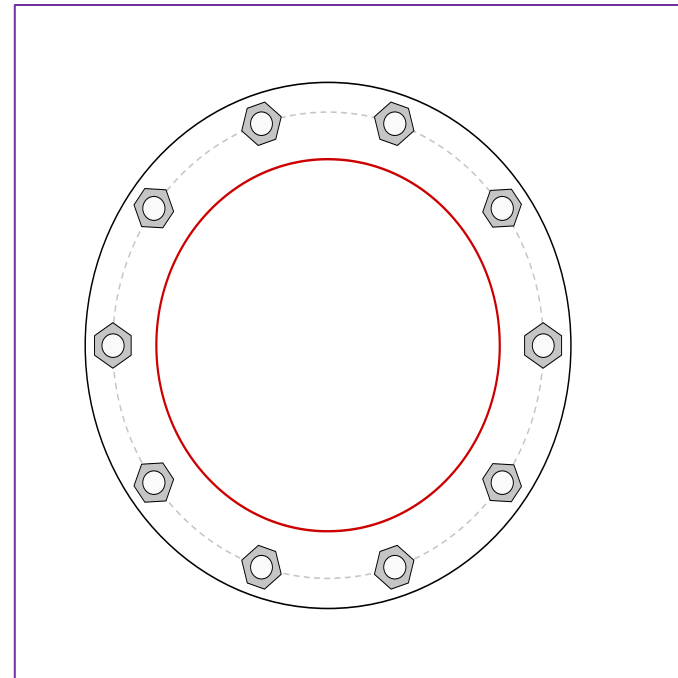
Applied Loads	
Moment (kip-ft)	90.59
Axial Force (kips)	4.55
Shear Force (kips)	9.03

\*TIA-222-H Section 15.5 Applied

Top Plate - External



Bottom Plate - External



### Connection Properties

#### Bolt Data

(10) 1"  $\phi$  bolts (A325 N; Fy=92 ksi, Fu=120 ksi) on 19.45" BC

#### Top Plate Data

21.95" OD x 1.375" Plate (A572-60; Fy=60 ksi, Fu=75 ksi)

#### Top Stiffener Data

N/A

#### Top Pole Data

15.525" x 0.1875" 12-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

#### Bottom Plate Data

21.95" OD x 1.375" Plate (A572-60; Fy=60 ksi, Fu=75 ksi)

#### Bottom Stiffener Data

N/A

#### Bottom Pole Data

15.525" x 0.25" 12-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

### Analysis Results

#### Bolt Capacity

Max Load (kips)	21.88
Allowable (kips)	54.52
Stress Rating:	<b>38.2%</b> <span style="color: green;">Pass</span>

#### Top Plate Capacity

Max Stress (ksi):	11.65	(Flexural)
Allowable Stress (ksi):	54.00	
Stress Rating:	<b>20.5%</b>	<span style="color: green;">Pass</span>
Tension Side Stress Rating:	<b>11.0%</b>	<span style="color: green;">Pass</span>

#### Bottom Plate Capacity

Max Stress (ksi):	11.65	(Flexural)
Allowable Stress (ksi):	54.00	
Stress Rating:	<b>20.5%</b>	<span style="color: green;">Pass</span>
Tension Side Stress Rating:	<b>11.0%</b>	<span style="color: green;">Pass</span>

# Monopole Base Plate Connection

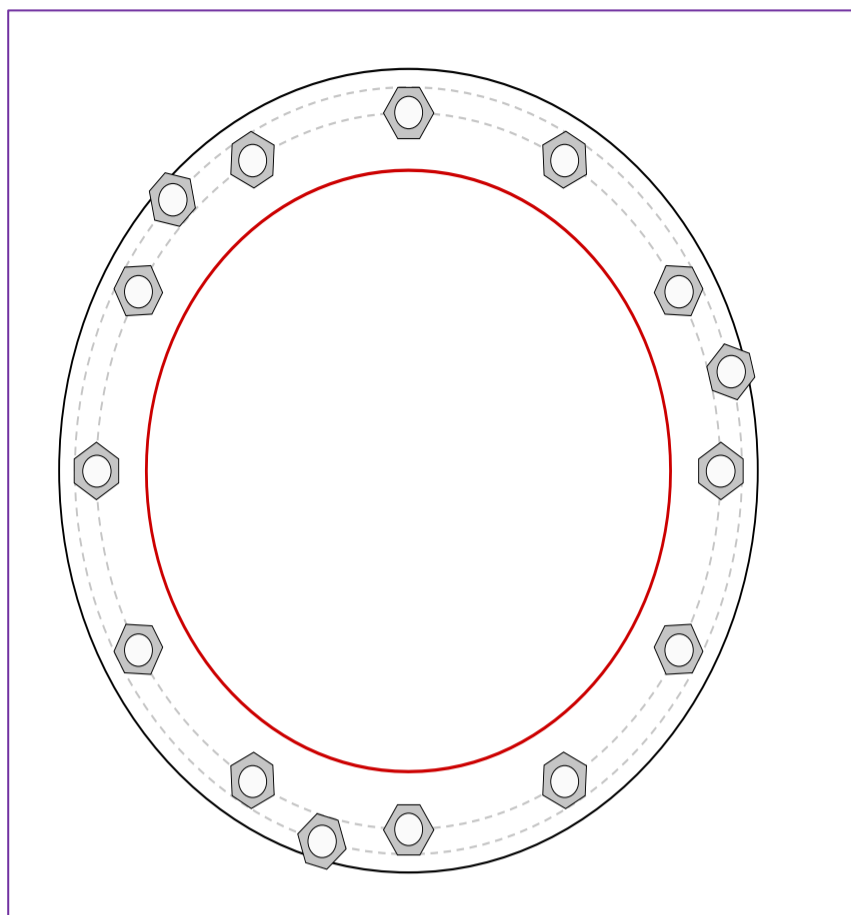


Site Info	
BU #	806376
Site Name	HRT 100 943239
Order #	552642 Rev. 0

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

Applied Loads	
Moment (kip-ft)	3366.00
Axial Force (kips)	55.00
Shear Force (kips)	38.00

\*TIA-222-H Section 15.5 Applied



Connection Properties	Analysis Results
-----------------------	------------------

Anchor Rod Data
GROUP 1: (12) 2-1/4" $\phi$ bolts (A615-75 N; $F_y=75$ ksi, $F_u=100$ ksi) on 49.88" BC
GROUP 2: (3) 2-1/4" $\phi$ bolts (A193 Gr. B7 N; $F_y=105$ ksi, $F_u=125$ ksi) on 53.38" BC
Base Plate Data
55.88" OD x 2.5" Plate (A572-60; $F_y=60$ ksi, $F_u=75$ ksi)
Stiffener Data
N/A
Pole Data
41.9" x 0.34375" 12-sided pole (A572-65; $F_y=65$ ksi, $F_u=80$ ksi)

Anchor Rod Summary <span style="float: right;">(units of kips, kip-in)</span>		
GROUP 1:		
$P_{u,t} = 205.09$	$\phi P_{n,t} = 243.75$	<b>Stress Rating</b>
$V_u = 3.17$	$\phi V_n = 149.1$	<b>80.1%</b>
$M_u = n/a$	$\phi M_n = n/a$	<b>Pass</b>
GROUP 2:		
$P_{u,t} = 224.39$	$\phi P_{n,t} = 304.69$	<b>Stress Rating</b>
$V_u = 0$	$\phi V_n = 186.38$	<b>70.1%</b>
$M_u = 0$	$\phi M_n = 179.4$	<b>Pass</b>
Base Plate Summary		
Max Stress (ksi):	30.76	(Flexural)
Allowable Stress (ksi):	54	
Stress Rating:	<b>54.3%</b>	<b>Pass</b>

# CCIplate

Elevation (ft) 0 (Base)

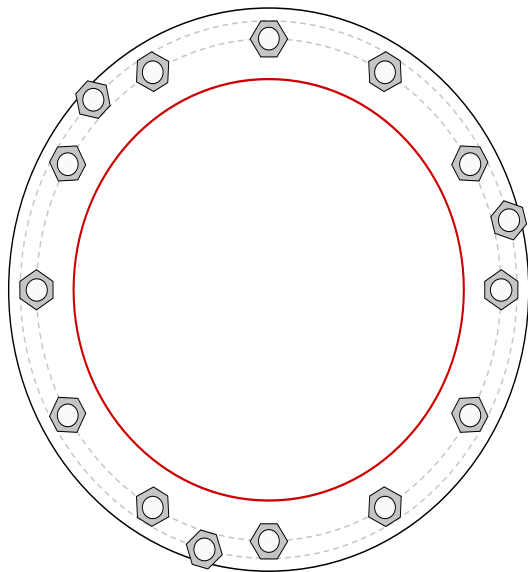
note: Bending interaction not considered when Grout Considered = "Yes"

Bolt Group	Resist Axial	Resist Shear	Induce Plate Bending	Grout Considered	Apply at BARB Elevation	BARB CL Elevation (ft)
1	Yes	Yes	Yes	No	No	
2	No	No	No	No	No	

## Custom Bolt Connection

Bolt	Bolt Group ID	Location (deg.)	Diameter (in)	Material	Bolt Circle (in)	Eta Factor, $\eta$ :	$I_{ar}$ (in):	Thread Type	Area Override, in <sup>2</sup>	Tension Only
1	1	0	2.25	A615-75	49.88	0.5	1	N-Included		No
2	1	30	2.25	A615-75	49.88	0.5	1	N-Included		No
3	1	60	2.25	A615-75	49.88	0.5	1	N-Included		No
4	1	90	2.25	A615-75	49.88	0.5	1	N-Included		No
5	1	120	2.25	A615-75	49.88	0.5	1	N-Included		No
6	1	150	2.25	A615-75	49.88	0.5	1	N-Included		No
7	1	180	2.25	A615-75	49.88	0.5	1	N-Included		No
8	1	210	2.25	A615-75	49.88	0.5	1	N-Included		No
9	1	240	2.25	A615-75	49.88	0.5	1	N-Included		No
10	1	270	2.25	A615-75	49.88	0.5	1	N-Included		No
11	1	300	2.25	A615-75	49.88	0.5	1	N-Included		No
12	1	330	2.25	A615-75	49.88	0.5	1	N-Included		No
13	2	15	2.25	A193 Gr. B7	53.38	0.5	8.5	N-Included		No
14	2	135	2.25	A193 Gr. B7	53.38	0.5	8.5	N-Included		No
15	2	255	2.25	A193 Gr. B7	53.38	0.5	8.5	N-Included		No

## Plot Graphic



# Pier and Pad Foundation



BU # : 806376  
 Site Name: HRT 100 943239  
 App. Number: 552642 Rev. 0

TIA-222 Revision: H  
 Tower Type: Monopole

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

Superstructure Analysis Reactions		
Compression, $P_{comp}$ :	55	kips
Base Shear, $V_u$ comp:	38	kips
Moment, $M_u$ :	3366	ft-kips
Tower Height, $H$ :	130	ft
BP Dist. Above Fdn, $bp_{dist}$ :	5.5	in

Foundation Analysis Checks				
	Capacity	Demand	Rating*	Check
<i>Lateral (Sliding) (kips)</i>	289.28	38.00	12.5%	Pass
<i>Bearing Pressure (ksf)</i>	7.50	3.13	41.8%	Pass
<i>Overtuning (kip*ft)</i>	5364.85	3706.42	69.1%	Pass
<i>Pier Flexure (Comp.) (kip*ft)</i>	5773.87	3575.00	59.0%	Pass
<i>Pier Compression (kip)</i>	13497.04	82.99	0.6%	Pass
<i>Pad Flexure (kip*ft)</i>	2927.56	1597.92	52.0%	Pass
<i>Pad Shear - 1-way (kips)</i>	674.44	268.26	37.9%	Pass
<i>Pad Shear - 2-way (Comp) (ksi)</i>	0.164	0.045	26.0%	Pass
<i>Flexural 2-way (Comp) (kip*ft)</i>	3867.66	2145.00	52.8%	Pass

Pier Properties		
Pier Shape:	Circular	
Pier Diameter, $dpier$ :	6	ft
Ext. Above Grade, $E$ :	0.5	ft
Pier Rebar Size, $Sc$ :	10	
Pier Rebar Quantity, $mc$ :	36	
Pier Tie/Spiral Size, $St$ :	4	
Pier Tie/Spiral Quantity, $mt$ :	3	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, $cc_{pier}$ :	3	in

\*Rating per TIA-222-H Section 15.5

Soil Rating*:	69.1%
Structural Rating*:	59.0%

Pad Properties		
Depth, $D$ :	8	ft
Pad Width, $W_1$ :	22	ft
Pad Thickness, $T$ :	3	ft
Pad Rebar Size (Bottom dir. 2), $Sp_2$ :	10	
Pad Rebar Quantity (Bottom dir. 2), $mp_2$ :	17	
Pad Clear Cover, $cc_{pad}$ :	3	in

Material Properties		
Rebar Grade, $F_y$ :	60	ksi
Concrete Compressive Strength, $F'_c$ :	3	ksi
Dry Concrete Density, $\delta_c$ :	150	pcf

Soil Properties		
Total Soil Unit Weight, $\gamma$ :	115	pcf
Ultimate Gross Bearing, $Q_{ult}$ :	10.000	ksf
Cohesion, $C_u$ :	0.000	ksf
Friction Angle, $\phi$ :	33	degrees
SPT Blow Count, $N_{blows}$ :	33	
Base Friction, $\mu$ :		
Neglected Depth, $N$ :	3.00	ft
Foundation Bearing on Rock?	No	
Groundwater Depth, $gw$ :	15	ft

<--Toggle between Gross and Net

# 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 #: 10037834  
Maser Consulting Connecticut Project #: 21777005A

March 26, 2021

#### Site Information

Site ID: 467621-VZW / Forbes St  
Site Name: Forbes St  
Carrier Name: Verizon Wireless  
Address: 1455A Forbes Street  
East Hartford, Connecticut 06118  
Hartford County  
Latitude: 41.731472°  
Longitude: -72.607778°

#### Structure Information

Tower Type: Monopole  
Mount Type: 12.50-Ft Platform

FUZE ID # 16234506

#### Analysis Results

Platform: 65.6% Pass

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

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

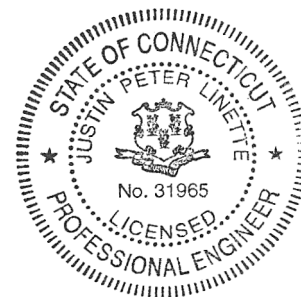
***Available & Submitted via portal at <https://pmi.vzwsmart.com>***

***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: Abigail Enriquez





## **Executive Summary:**

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

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

## **Sources of Information:**

<b>Document Type</b>	<b>Remarks</b>
<i>Radio Frequency Data Sheet (RFDS)</i>	<i>Verizon RFDS Site ID: 323913, dated September 2, 2020</i>
<i>Mount Mapping Report</i>	<i>Structural Components, Site ID: 16234506, dated February 18, 2021</i>

## **Analysis Criteria:**

Codes and Standards:	ANSI/TIA-222-H
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), $V_{ULT}$ : 118 mph Ice Wind Speed (3-sec. Gust): 50 mph Design Ice Thickness: 1.50 in Risk Category: II Exposure Category: C Topographic Category: 1 Topographic Feature Considered: N/A Topographic Method: N/A Ground Elevation Factor, $K_e$ : 0.999
Seismic Parameters:	$S_s$ : 0.194 $S_1$ : 0.055
Maintenance Parameters:	Wind Speed (3-sec. Gust): 30 mph Maintenance Live Load, $L_v$ : 250 lbs. Maintenance Live Load, $L_m$ : 500 lbs.
Analysis Software:	RISA-3D (V17)

**Final Loading Configuration:**

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
109.50	112.50	3	Samsung	MT6407-77A	Added
	111.00	3	Antel	BXA-80063/4CF	Retained
		6	Andrew	SBNHH-1D65B	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		1	Raycap	RRFDC-6627-PF-48	
	109.00	3	Samsung	XXDWMM-12.5-65-8T-CBRS	Added

**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:**

<b>Component</b>	<b>Utilization %</b>	<b>Pass/Fail</b>
<i>Lower Standoff</i>	38.8%	<i>Pass</i>
<i>Secondary Standoff</i>	43.3%	<i>Pass</i>
<i>Grating Bracing</i>	31.6%	<i>Pass</i>
<i>Grating Support</i>	65.6%	<i>Pass</i>
<i>Standoff Horizontal</i>	12.2%	<i>Pass</i>
<i>Support Rail</i>	33.0%	<i>Pass</i>
<i>Mount Pipe</i>	35.5%	<i>Pass</i>
<i>Face Horizontal</i>	36.8%	<i>Pass</i>
<i>Connection Check</i>	62.1%	<i>Pass</i>

<b>Structure Rating – (Controlling Utilization of all Components)</b>	<b>65.6%</b>
-----------------------------------------------------------------------	--------------

**Recommendation:**

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

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

**Attachments:**

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







ADD THIS FIX TO  
THE PMI ISSUE  
NOTES

1	Bolt angle clips not installed on both sides as shown in detail page 4 of mount drawings	
2		
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.



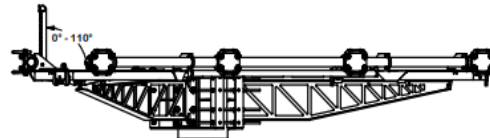
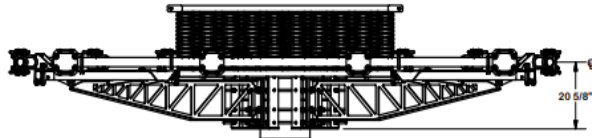
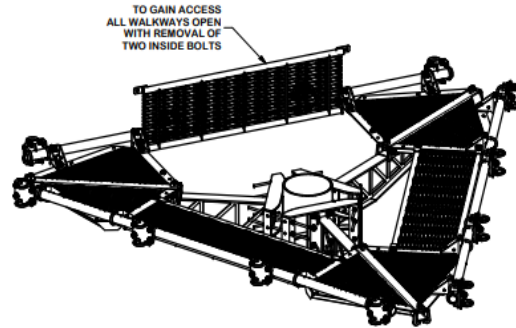
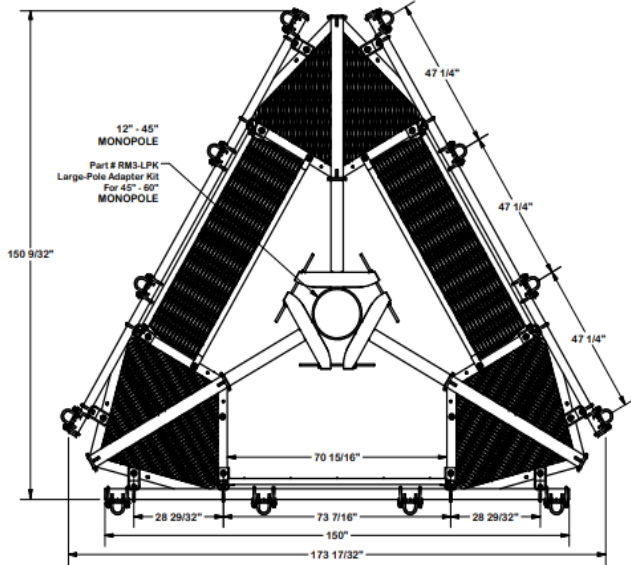
### Antenna Mount Mapping Form (PATENT PENDING)

FCC #  
1055336

<b>Tower Owner:</b>	Crown Castle	<b>Mapping Date:</b>	2/18/2021
<b>Site Name:</b>	Forbes St	<b>Tower Type:</b>	Monopole
<b>Site Number or ID:</b>	16234506	<b>Tower Height (Ft.):</b>	
<b>Mapping Contractor:</b>	Structural Components	<b>Mount Elevation (Ft.):</b>	110

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

**Please Insert Sketches of the Antenna Mount**



**TOLERANCE NOTES**

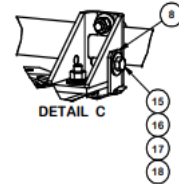
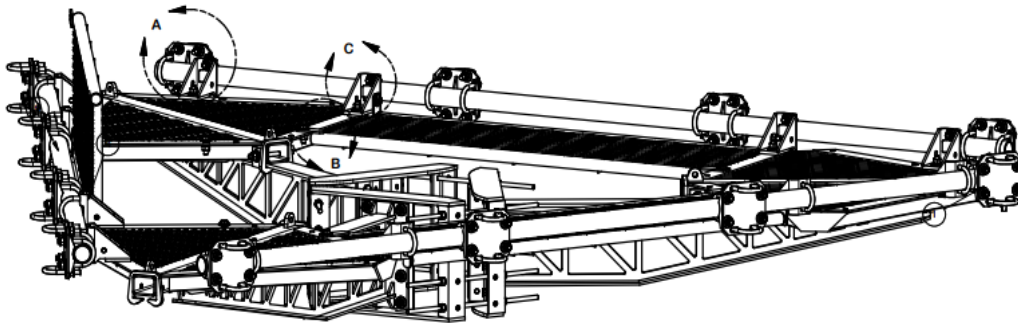
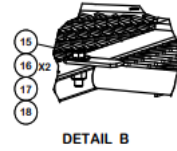
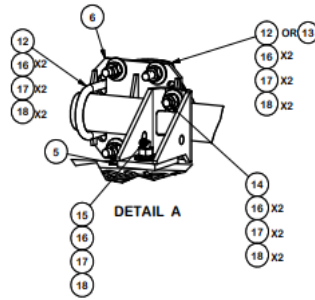
**TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:**  
 SAWS, SHEARED AND GAS CUT EDGES  $(\pm 0.005")$   
 DRILLED AND GAS CUT HOLES  $(\pm 0.005")$  - NO CONING OF HOLES  
 LASER CUT EDGES AND HOLES  $(\pm 0.010")$  - NO CONING OF HOLES  
 BENDS ARE  $\pm 1/2$  DEGREE  
 ALL OTHER MACHINING  $(\pm 0.005")$   
 ALL OTHER ASSEMBLY  $(\pm 0.005")$

PROPRIETARY INFO  
 THIS DATA AND TOLERANCES ACCENTED IN THIS DRAWING ARE PROPRIETARY INFORMATION OF VALPOINT INDUSTRIES AND CONSIDERED A TRADE SECRET. ANY USE OR DISCLOSURE WITHOUT THE CONSENT OF VALPOINT INDUSTRIES IS STRICTLY PROHIBITED.

DESCRIPTION <b>12' FORTRESS™                  TRI-PLATFORM MOUNT                  WITH WALKWAYS</b>		 A valmont GROUP	Locations: New York, NY Atlanta, GA Los Angeles, CA Plymouth, IN Salem, OR Dallas, TX
CPD NO. CLASS SUB	DRAWN BY CEK 8/8/2017		ENG. APPROVAL CHECKED BY BMC 8/30/2017

PAGE  
2 OF 4





**TOLERANCE NOTES**

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

RESERVED FOR FUTURE USE.  
 THE DATA, INFORMATION AND CONTENTS IN THIS DRAWING ARE PROPRIETARY INFORMATION OF VALMONT INDUSTRIES. ANY USE OR DISCLOSURE WITHOUT THE CONSENT OF VALMONT INDUSTRIES IS STRICTLY PROHIBITED.

DESCRIPTION  
**12" FORTRESS™  
 TRI-PLATFORM MOUNT  
 WITH WALKWAYS**

**STEEL PRO**  
 A valmont COMPANY

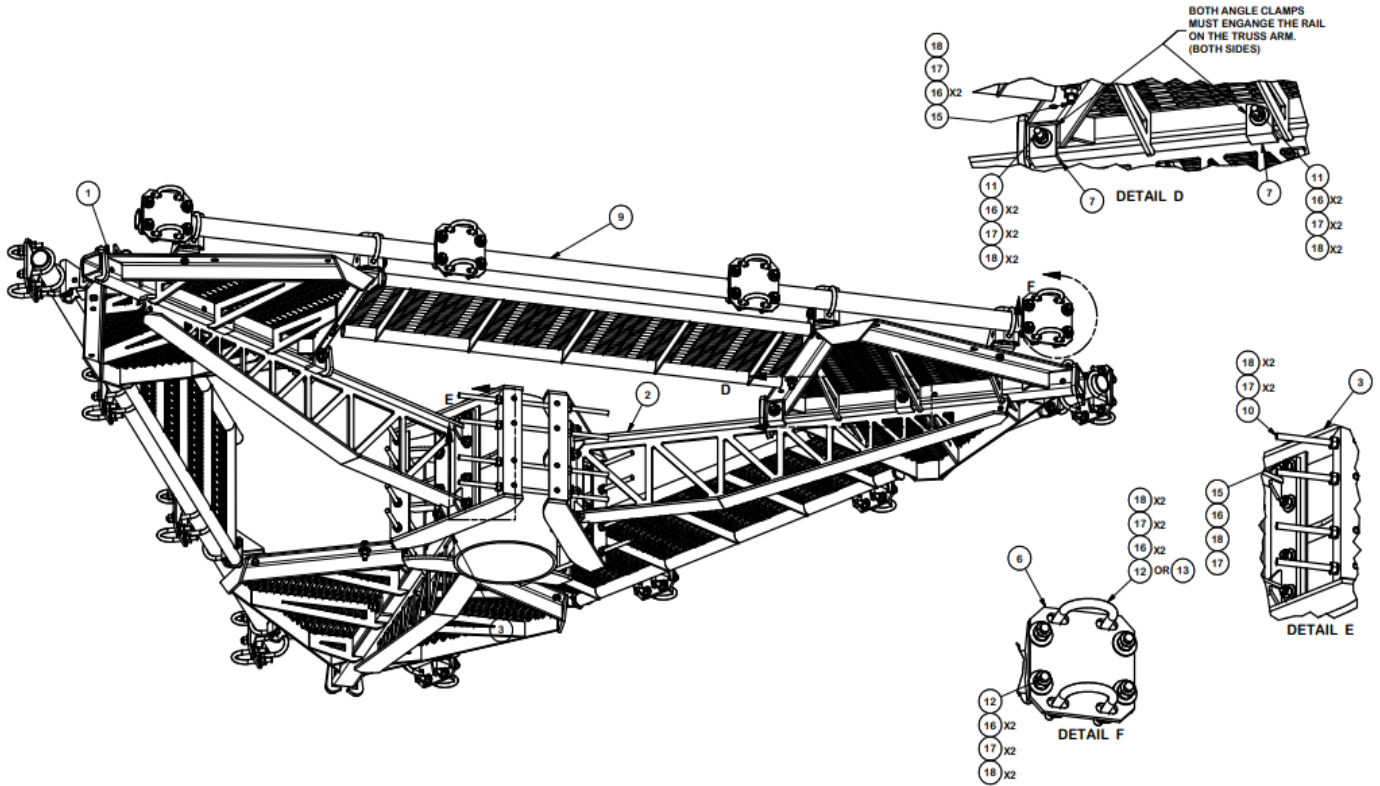
Engineering  
 Support Team:  
 1-888-753-7446

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

CPO NO.	DRAWN BY	ENG. APPROVAL
	CEK 8/8/2017	
CLASS	SUB	DRAWING USAGE
81	02	CUSTOMER
		CHECKED BY
		BMC 8/30/2017

PART NO.	DWG. NO.
F3P-12W	F3P-12W

54 OF 4  
 PAGE



**TOLERANCE NOTES**

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:  
 SAWS, BISHARD AND GAS CUT EDGES ( $\pm 0.005$ )  
 DRILLED AND GAS CUT HOLES ( $\pm 0.005$ ) - NO CONING OF HOLES  
 LASER CUT EDGES AND HOLES ( $\pm 0.010$ ) - NO CONING OF HOLES  
 BISHARD ARE  $\pm 1/2$  DEGREE  
 ALL OTHER MACHINING ( $\pm 0.005$ )  
 ALL OTHER ASSEMBLY ( $\pm 0.005$ )

PROPRIETARY INFO:  
 THE DESIGN AND DIMENSIONS APPLICABLE TO THIS DRAWING ARE PROPRIETARY INFORMATION OF MILCOM  
 INDUSTRIES AND CONSIDERED A TRADE SECRET. ANY USE OR REPRODUCTION WITHOUT THE CONSENT OF  
 MILCOM INDUSTRIES IS STRICTLY PROHIBITED.

DESCRIPTION  
 12' FORTRESS™  
 TRI-PLATFORM MOUNT  
 WITH WALKWAYS

**SITE PRO**  
 A valmont COMPANY

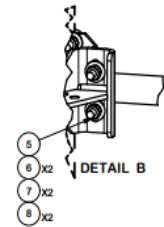
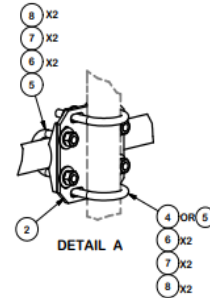
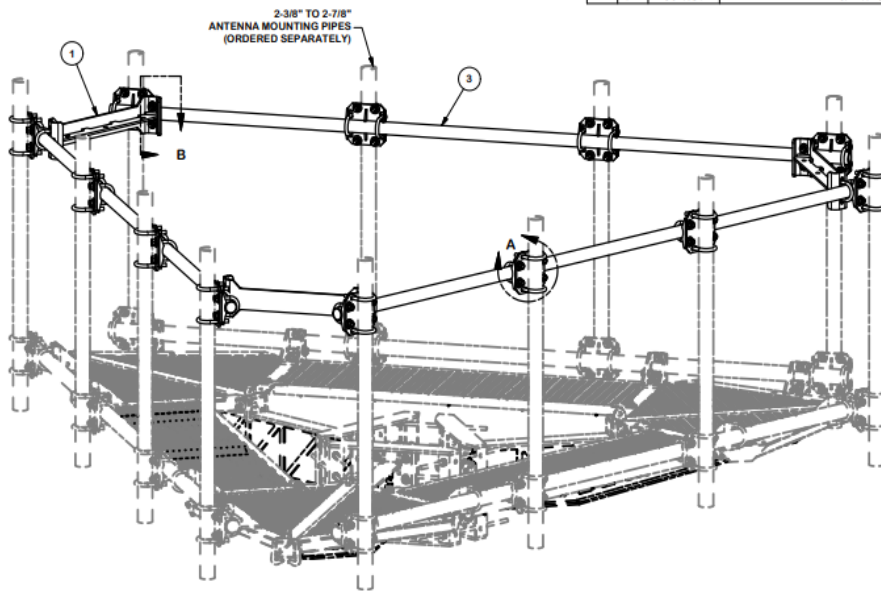
Locations:  
 New York, NY  
 Atlanta, GA  
 Los Angeles, CA  
 Plymouth, IN  
 Dallas, TX

Engineering  
 Support Team:  
 1-888-753-7446

CPO NO.	DRAWN BY	ENG. APPROVAL	PART NO.	4 OF 4
81	CEK 8/8/2017		F3P-12W	
CLASS	DRAWING USAGE	CHECKED BY	DWG. NO.	
02	CUSTOMER	BMC 8/30/2017	F3P-12W	

Please Insert Sketches of the Antenna Mount, cont'd

PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	3	X-F3PHRW	CORNER WELDMENT FOR 3-SIDED FORTRESS PLATFORM HANDRAIL KITS		27.72	83.15
2	12	X-SCX3-FR	FORTRESS CROSSOVER PLATE		6.61	79.37
3	3	P2150	2-3/8" O.D. X 150" SCH 40 GALVANIZED PIPE	150 in	45.77	137.31
4	24	X-UB5300	5/8" X 3" X 5-1/4" X 2-1/2" U-BOLT (HDG.)		1.15	27.59
5	54	X-UB5258	5/8" X 2-5/8" X 4-1/2" X 2" U-BOLT (HDG.)		1.00	54.01
6	108	G58FW	5/8" HDG USS FLATWASHER	1/8 in	0.07	7.61
7	108	G58LW	5/8" HDG LOCKWASHER		0.03	2.82
8	108	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	14.03
					<b>TOTAL WT. #</b>	<b>405.87</b>



**TOLERANCE NOTES**

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:  
 SAWED, SHEARED AND GAS CUT EDGES ( $\pm 0.005$ )  
 DRILLED AND GAS CUT HOLES ( $\pm 0.005$ ) - NO CHAMFER OF HOLES  
 LASER CUT EDGES AND HOLES ( $\pm 0.010$ ) - NO CHAMFER OF HOLES  
 BENDS ARE  $\pm 1/2$  DEGREE  
 ALL OTHER MACHINING ( $\pm 0.005$ )  
 ALL OTHER ASSEMBLY ( $\pm 0.005$ )

PROPRIETARY INFO:  
 THE LOGO AND TRADEMARKS CONTAINED IN THIS DRAWING ARE PROPRIETARY INFORMATION OF VALMOUNT  
 INDUSTRIES AND CONSIDERED A TRADE SECRET. ANY USE OR DISCLOSURE WITHOUT THE CONSENT OF  
 VALMOUNT INDUSTRIES IS STRICTLY PROHIBITED.

DESCRIPTION  
 HANDRAIL KIT FOR  
 12' FORTRESS™ PLATFORM

**SIDE PRO**  
 A valmont **CONCRETE** company

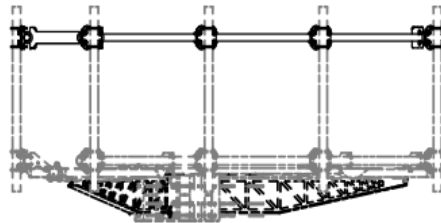
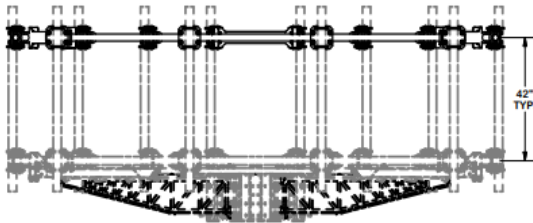
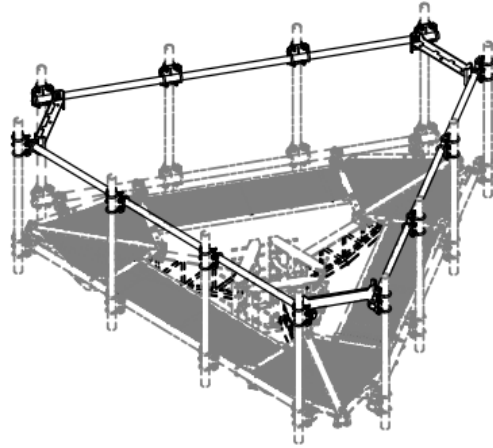
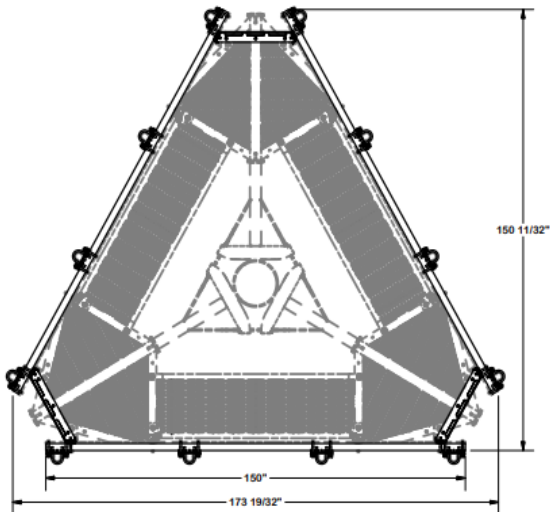
Engineering Support Team:  
 1-888-753-7446

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

CPD NO.	DRAWN BY	ENG. APPROVAL
81 02	CEK 8/29/2017	BMC 9/14/2017
CLASS	SUB	CHECKED BY
81	02	CUSTOMER

PART NO.	DWG. NO.
F3P-HRK12	F3P-HRK12

1 OF 2  
 PAGE



**TOLERANCE NOTES**

**TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:  
 SAWED, SHEARED AND GAS CUT EDGES ( $\pm 0.007$ )  
 DRILLED AND GAS CUT HOLES ( $\pm 0.007$ ) - NO CONING OF HOLES  
 LASER CUT EDGES AND HOLES ( $\pm 0.016$ ) - NO CONING OF HOLES  
 BORDERS ARE  $\pm 1/2$  DEGREE  
 ALL OTHER MACHINING ( $\pm 0.007$ )  
 ALL OTHER ASSEMBLY ( $\pm 0.007$ )**

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

DESCRIPTION  
**HANDRAIL KIT FOR  
 12' FORTRESS™ PLATFORM**

**SITE PRO**  
 A valmont COMPANY

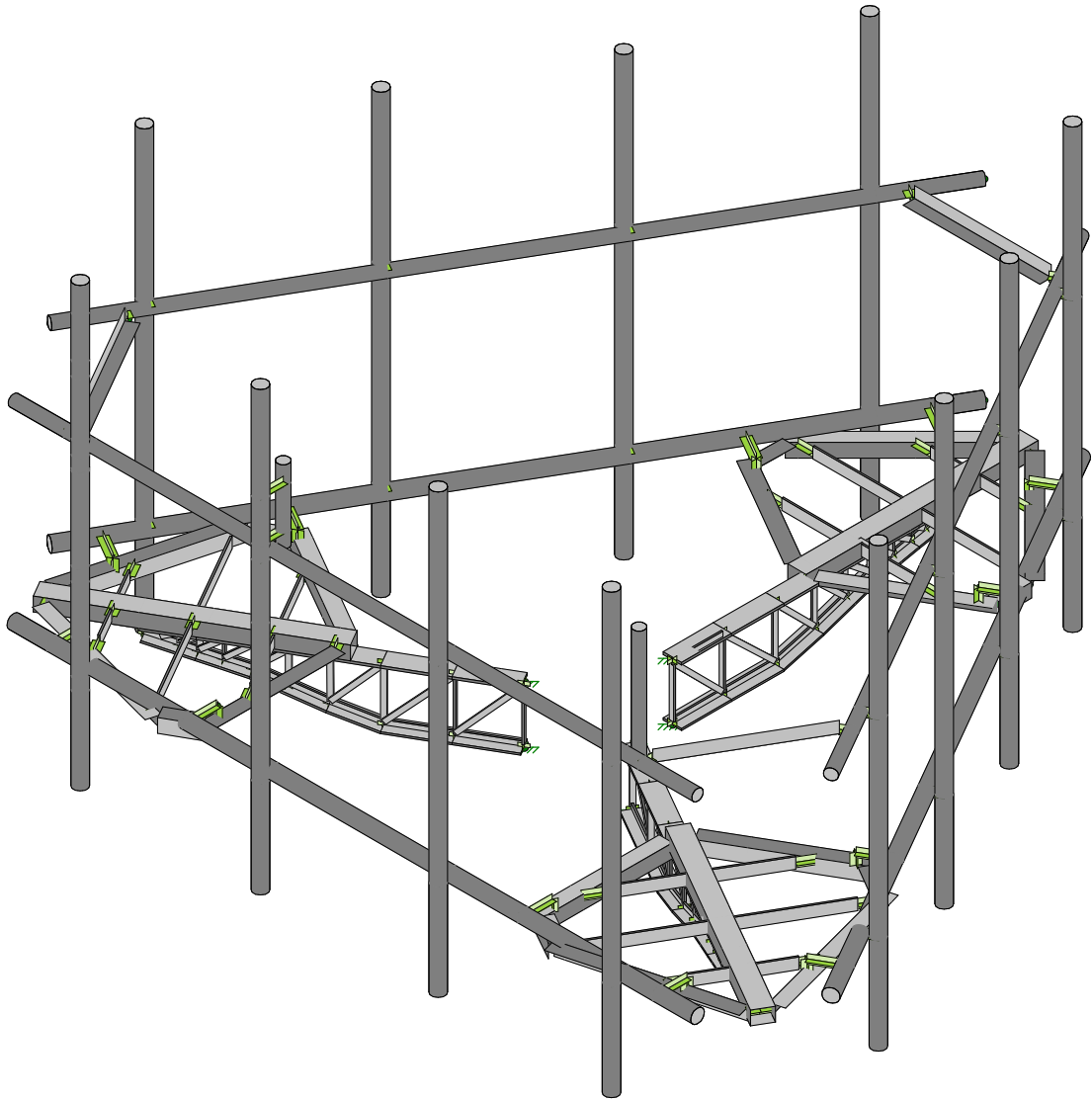
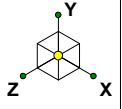
Locations:  
 New York, NY  
 Atlanta, GA  
 Los Angeles, CA  
 Plymouth, IN  
 Salem, OR  
 Dallas, TX

Engineering Support Team:  
 1-888-753-7446

CPD NO.	DRAWN BY	ENG. APPROVAL
81	CEK 8/29/2017	
CLASS	DRAWING USAGE	CHECKED BY
02	CUSTOMER	BMC 9/14/2017

PART NO.	F3P-HRK12
DWG. NO.	F3P-HRK12

2 OF 2  
 PAGES



Envelope Only Solution

Maser Consulting

AE

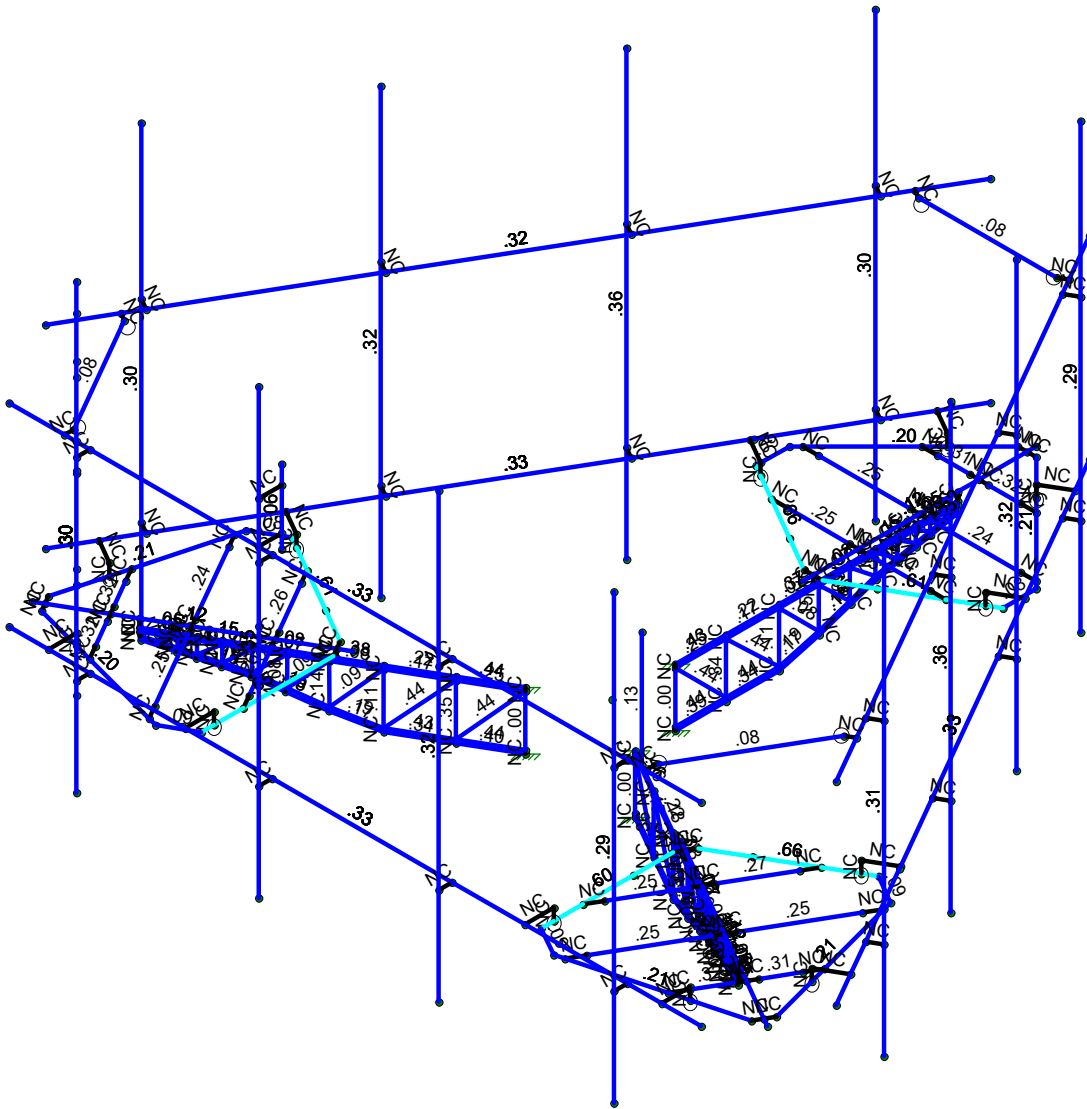
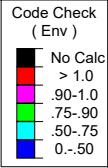
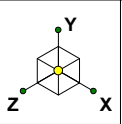
21777005A

Antenna Mount Analysis

SK - 1

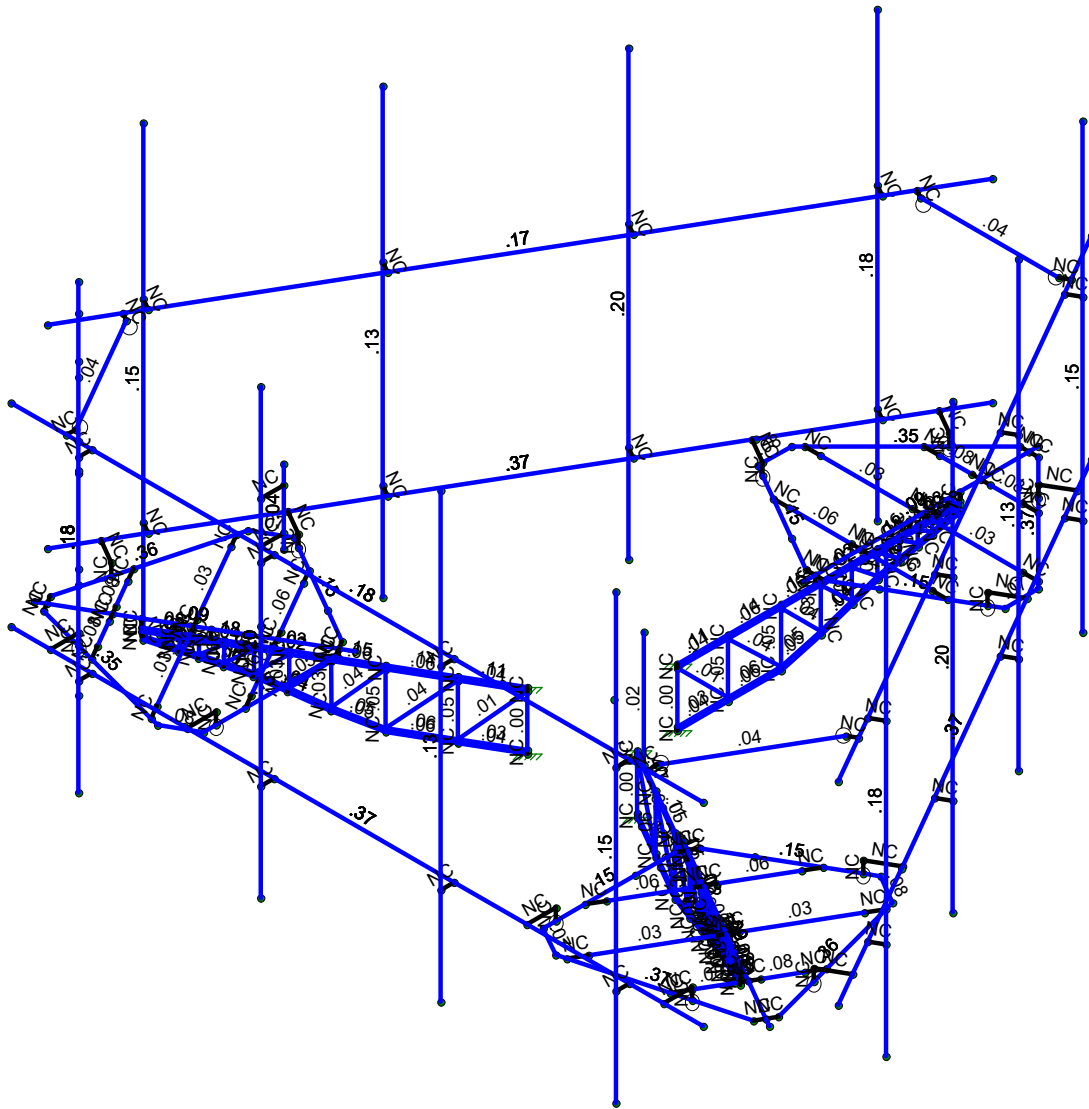
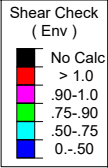
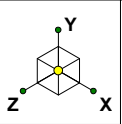
Mar 25, 2021 at 8:58 AM

467621-VZW\_MT\_LO\_H.r3d



Member Code Checks Displayed (Enveloped)  
Envelope Only Solution

Maser Consulting	Antenna Mount Analysis	SK - 1
AE		Mar 26, 2021 at 3:59 PM
21777005A		467621-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)  
Envelope Only Solution

Maser Consulting

AE

21777005A

Antenna Mount Analysis

SK - 2

Mar 26, 2021 at 4:00 PM

467621-VZW\_MT\_LO\_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					105		
2	Antenna Di	None					105		
3	Antenna Wo (0 Deg)	None					105		
4	Antenna Wo (30 Deg)	None					105		
5	Antenna Wo (60 Deg)	None					105		
6	Antenna Wo (90 Deg)	None					105		
7	Antenna Wo (120 Deg)	None					105		
8	Antenna Wo (150 Deg)	None					105		
9	Antenna Wo (180 Deg)	None					105		
10	Antenna Wo (210 Deg)	None					105		
11	Antenna Wo (240 Deg)	None					105		
12	Antenna Wo (270 Deg)	None					105		
13	Antenna Wo (300 Deg)	None					105		
14	Antenna Wo (330 Deg)	None					105		
15	Antenna Wi (0 Deg)	None					105		
16	Antenna Wi (30 Deg)	None					105		
17	Antenna Wi (60 Deg)	None					105		
18	Antenna Wi (90 Deg)	None					105		
19	Antenna Wi (120 Deg)	None					105		
20	Antenna Wi (150 Deg)	None					105		
21	Antenna Wi (180 Deg)	None					105		
22	Antenna Wi (210 Deg)	None					105		
23	Antenna Wi (240 Deg)	None					105		
24	Antenna Wi (270 Deg)	None					105		
25	Antenna Wi (300 Deg)	None					105		
26	Antenna Wi (330 Deg)	None					105		
27	Antenna Wm (0 Deg)	None					105		
28	Antenna Wm (30 Deg)	None					105		
29	Antenna Wm (60 Deg)	None					105		
30	Antenna Wm (90 Deg)	None					105		
31	Antenna Wm (120 Deg)	None					105		
32	Antenna Wm (150 Deg)	None					105		
33	Antenna Wm (180 Deg)	None					105		
34	Antenna Wm (210 Deg)	None					105		
35	Antenna Wm (240 Deg)	None					105		
36	Antenna Wm (270 Deg)	None					105		
37	Antenna Wm (300 Deg)	None					105		
38	Antenna Wm (330 Deg)	None					105		
39	Structure D	None		-1					12
40	Structure Di	None						188	12
41	Structure Wo (0 Deg)	None						376	
42	Structure Wo (30 Deg)	None						376	
43	Structure Wo (60 Deg)	None						376	
44	Structure Wo (90 Deg)	None						376	
45	Structure Wo (120 D...	None						376	
46	Structure Wo (150 D...	None						376	
47	Structure Wo (180 D...	None						376	
48	Structure Wo (210 D...	None						376	
49	Structure Wo (240 D...	None						376	
50	Structure Wo (270 D...	None						376	
51	Structure Wo (300 D...	None						376	
52	Structure Wo (330 D...	None						376	
53	Structure Wi (0 Deg)	None						376	
54	Structure Wi (30 Deg)	None						376	
55	Structure Wi (60 Deg)	None						376	
56	Structure Wi (90 Deg)	None						376	





**Basic Load Cases (Continued)**

BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me...	Surface(P...
57 Structure Wi (120 De...	None						376	
58 Structure Wi (150 De...	None						376	
59 Structure Wi (180 De...	None						376	
60 Structure Wi (210 De...	None						376	
61 Structure Wi (240 De...	None						376	
62 Structure Wi (270 De...	None						376	
63 Structure Wi (300 De...	None						376	
64 Structure Wi (330 De...	None						376	
65 Structure Wm (0 Deg)	None						376	
66 Structure Wm (30 De...	None						376	
67 Structure Wm (60 De...	None						376	
68 Structure Wm (90 De...	None						376	
69 Structure Wm (120 D...	None						376	
70 Structure Wm (150 D...	None						376	
71 Structure Wm (180 D...	None						376	
72 Structure Wm (210 D...	None						376	
73 Structure Wm (240 D...	None						376	
74 Structure Wm (270 D...	None						376	
75 Structure Wm (300 D...	None						376	
76 Structure Wm (330 D...	None						376	
77 Lm1	None					1		
78 Lm2	None					1		
79 Lv1	None					1		
80 Lv2	None					1		
81 BLC 39 Transient Are...	None						303	
82 BLC 40 Transient Are...	None						303	

**Load Combinations**

Description	Solve	P...	S...	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 Deg)	Yes	Y			1	1.2	39	1.2	7	1	45	1							
6 1.2D+1.0Wo (150 Deg)	Yes	Y			1	1.2	39	1.2	8	1	46	1							
7 1.2D+1.0Wo (180 Deg)	Yes	Y			1	1.2	39	1.2	9	1	47	1							
8 1.2D+1.0Wo (210 Deg)	Yes	Y			1	1.2	39	1.2	10	1	48	1							
9 1.2D+1.0Wo (240 Deg)	Yes	Y			1	1.2	39	1.2	11	1	49	1							
10 1.2D+1.0Wo (270 Deg)	Yes	Y			1	1.2	39	1.2	12	1	50	1							
11 1.2D+1.0Wo (300 Deg)	Yes	Y			1	1.2	39	1.2	13	1	51	1							
12 1.2D+1.0Wo (330 Deg)	Yes	Y			1	1.2	39	1.2	14	1	52	1							
13 1.2D + 1.0Di + 1.0Wi (0 Deg)	Yes	Y			1	1.2	39	1.2	2	1	40	1	15	1	53	1			
14 1.2D + 1.0Di + 1.0Wi (30 De...	Yes	Y			1	1.2	39	1.2	2	1	40	1	16	1	54	1			
15 1.2D + 1.0Di + 1.0Wi (60 De...	Yes	Y			1	1.2	39	1.2	2	1	40	1	17	1	55	1			
16 1.2D + 1.0Di + 1.0Wi (90 De...	Yes	Y			1	1.2	39	1.2	2	1	40	1	18	1	56	1			
17 1.2D + 1.0Di + 1.0Wi (120 D...	Yes	Y			1	1.2	39	1.2	2	1	40	1	19	1	57	1			
18 1.2D + 1.0Di + 1.0Wi (150 D...	Yes	Y			1	1.2	39	1.2	2	1	40	1	20	1	58	1			
19 1.2D + 1.0Di + 1.0Wi (180 D...	Yes	Y			1	1.2	39	1.2	2	1	40	1	21	1	59	1			
20 1.2D + 1.0Di + 1.0Wi (210 D...	Yes	Y			1	1.2	39	1.2	2	1	40	1	22	1	60	1			
21 1.2D + 1.0Di + 1.0Wi (240 D...	Yes	Y			1	1.2	39	1.2	2	1	40	1	23	1	61	1			
22 1.2D + 1.0Di + 1.0Wi (270 D...	Yes	Y			1	1.2	39	1.2	2	1	40	1	24	1	62	1			
23 1.2D + 1.0Di + 1.0Wi (300 D...	Yes	Y			1	1.2	39	1.2	2	1	40	1	25	1	63	1			
24 1.2D + 1.0Di + 1.0Wi (330 D...	Yes	Y			1	1.2	39	1.2	2	1	40	1	26	1	64	1			
25 1.2D + 1.5Lm1 + 1.0Wm (0 ...	Yes	Y			1	1.2	39	1.2	77	1.5	27	1	65	1					
26 1.2D + 1.5Lm1 + 1.0Wm (30...	Yes	Y			1	1.2	39	1.2	77	1.5	28	1	66	1					





**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
15	N132	0.000015	.125	-7.498533	0	
16	N133	0.000015	.125	-3.639934	0	
17	N134	0.166681	.125	-7.498533	0	
18	N135	2.227608	.125	-5.437831	0	
19	N136	0.166681	.125	-3.639915	0	
20	N137	-0.749985	.125	-6.630682	0	
21	N138	-1.825569	.125	-5.555682	0	
22	N139	-1.290485	.125	-4.453015	0	
23	N140	-0.166652	.125	-6.630682	0	
24	N141	-0.166652	.125	-5.555682	0	
25	N142	-0.166652	.125	-4.453015	0	
26	N143	-1.034598	.125	-6.630682	0	
27	N144	-2.109715	.125	-5.555682	0	
28	N145	-1.574996	.125	-4.453015	0	
29	N146	-0.166652	.125	-7.498533	0	
30	N147	-2.227579	.125	-5.437831	0	
31	N148	-0.166652	.125	-3.639915	0	
32	N149	-2.03258	0.33325	-4.717199	0	
33	N150	-2.232821	.125	-4.832807	0	
34	N151	2.232851	.125	-4.832807	0	
35	N152	-0.803902	0.33325	-6.861352	0	
36	N162	-2.03258	.125	-4.717199	0	
37	N163	-2.483662	0.33325	-4.977631	0	
38	N164	-0.803902	.125	-6.861352	0	
39	N165	-1.248047	0.33325	-7.117779	0	
40	N167	0.803931	0.33325	-6.861352	0	
41	N166	2.03261	0.33325	-4.717199	0	
42	N168	2.03261	.125	-4.717199	0	
43	N169	2.483691	0.33325	-4.977631	0	
44	N170	0.803931	.125	-6.861352	0	
45	N171	1.248069	0.33325	-7.117792	0	
46	N195	-6.250014	0.33325	4.639747	0	
47	N196A	6.250018	0.33325	4.639755	0	
48	N260	0.000015	.125	-5.330743	0	
49	N261	-0.	-0.020833	-3.020368	0	
50	N262A	-0.	-0.020833	-3.639934	0	
51	N263A	-0.	-0.020833	-5.155034	0	
52	N264A	-0.	-0.020833	-6.247409	0	
53	N265A	-0.	-1.0625	-3.020368	0	
54	N266A	-0.	-0.083333	-3.020368	0	
55	N267A	-0.	-0.020833	-3.738639	0	
56	N269A	-0.	-0.020833	-4.295183	0	
57	N270A	-0.	-0.020833	-4.761837	0	
58	N271A	-0.	-0.020833	-5.486754	0	
59	N272A	-0.	-0.020833	-5.746199	0	
60	N273A	-0.	-0.083333	-3.738639	0	
61	N275A	-0.	-0.083333	-4.295183	0	
62	N276A	-0.	-0.083333	-4.761837	0	
63	N277A	-0.	-0.083333	-5.155033	0	
64	N278A	-0.	-0.083333	-5.486754	0	
65	N279A	-0.	-0.083333	-5.746199	0	
66	N280A	-0.	-1.00106	-3.019016	0	
67	N282A	-0.	-0.863854	-3.746892	0	
68	N283A	-0.	-0.668843	-4.319878	0	
69	N285A	-0.	-0.514094	-4.774569	0	
70	N286A	-0.	-0.432023	-5.167762	0	
71	N287A	-0.	-0.362784	-5.499479	0	



**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
72	N288A	-0.	-0.308631	-5.758921	0	
73	N289A	-0.	-0.802709	-3.734132	0	
74	N290A	-0.	-0.611988	-4.294737	0	
75	N291A	-0.	-0.453078	-4.761837	0	
76	N292A	-0.	-0.371028	-5.155033	0	
77	N293A	-0.	-0.301807	-5.486754	0	
78	N294A	-0.	-0.24741	-5.746145	0	
79	N295	-0.	-0.083333	-6.247409	0	
80	N296	-0.	-0.146105	-6.229224	0	
81	N297	-0.	-0.209988	-6.231513	0	
82	N298	-0.	-0.020833	-2.062034	0	
83	N299	-0.	-1.0625	-2.062034	0	
84	N300A	-0.	-0.083333	-2.062034	0	
85	N301	-0.	-1.001046	-2.062034	0	
86	N302A	-0.	-0.020833	-1.145399	0	
87	N303A	-0.	-1.0625	-1.145399	0	
88	N304A	-0.	-0.083333	-1.145399	0	
89	N305A	-0.	-1.001046	-1.145399	0	
90	N306A	-0.	-0.020833	-5.330743	0	
91	N307C	-0.	-0.192226	-6.009296	0	
92	N308B	-0.	-0.083333	-6.009116	0	
93	N307D	0	0	0	0	
94	N312A	-0.78947	.125	-3.999496	0	
95	N313	0.789499	.125	-3.999496	0	
96	N346A	0.000015	.125	-6.247409	0	
97	N491A	-2.456751	0.33325	-5.02427	0	
98	N300B	4.916685	0.33325	4.639755	0	
99	N301B	4.916685	0.33325	4.881422	0	
100	N302B	4.916685	6.58325	4.881422	0	
101	N303B	4.916685	-1.41675	4.881422	0	
102	N304B	1.750018	0.33325	4.639755	0	
103	N305B	1.750018	0.33325	4.881422	0	
104	N306B	1.750018	6.58325	4.881422	0	
105	N307A	1.750018	-1.41675	4.881422	0	
106	N308A	-1.499982	0.33325	4.639755	0	
107	N309A	-1.499982	0.33325	4.881422	0	
108	N310A	-1.499982	6.58325	4.881422	0	
109	N311A	-1.499982	-1.41675	4.881422	0	
110	N312B	-4.791649	0.33325	4.639755	0	
111	N313B	-4.791649	0.33325	4.881422	0	
112	N314A	-4.791649	6.58325	4.881422	0	
113	N315A	-4.791649	-1.41675	4.881422	0	
114	N316A	-6.250014	3.83325	4.639747	0	
115	N317	6.250018	3.83325	4.639755	0	
116	N318A	4.916685	3.83325	4.639755	0	
117	N319A	4.916685	3.83325	4.881422	0	
118	N320A	1.750018	3.83325	4.639755	0	
119	N321A	1.750018	3.83325	4.881422	0	
120	N322	-1.499982	3.83325	4.639755	0	
121	N323	-1.499982	3.83325	4.881422	0	
122	N324	-4.791649	3.83325	4.639755	0	
123	N325	-4.791649	3.83325	4.881422	0	
124	N124A	-6.639945	.125	3.833557	0	
125	N125A	-2.964245	.125	1.711391	0	
126	N126A	-5.742346	.125	3.315328	0	
127	N127A	-6.117346	.125	2.665809	0	
128	N128A	-4.811369	.125	2.777828	0	



**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
129	N129A	-3.856432	.125	2.226495	0	
130	N130A	-5.724161	.125	1.196827	0	
131	N131A	-4.501682	.125	1.108889	0	
132	N132A	-5.82568	.125	3.170991	0	
133	N133A	-4.894702	.125	2.633491	0	
134	N134A	-3.939765	.125	2.082157	0	
135	N135A	-6.259652	.125	2.419328	0	
136	N136A	-5.866234	.125	0.950749	0	
137	N137A	-4.643937	.125	0.862495	0	
138	N138A	-6.493927	.125	3.749254	0	
139	N139A	-3.152283	.125	1.819954	0	
140	N140A	-6.57726	.125	3.604916	0	
141	N141A	-5.823104	.125	0.78975	0	
142	N142A	-3.2356	.125	1.675607	0	
143	N143A	-5.367346	.125	3.964847	0	
144	N144A	-3.898577	.125	4.35883	0	
145	N145A	-3.211182	.125	3.344101	0	
146	N146A	-5.659013	.125	3.459666	0	
147	N147A	-4.728036	.125	2.922166	0	
148	N148A	-3.773098	.125	2.370832	0	
149	N149A	-5.22504	.125	4.211329	0	
150	N150A	-3.756504	.125	4.604908	0	
151	N151A	-3.068926	.125	3.590494	0	
152	N152A	-6.410594	.125	3.893591	0	
153	N153	-3.59551	.125	4.648055	0	
154	N154	-3.068933	.125	1.964282	0	
155	N155	-3.068924	0.33325	4.118866	0	
156	N156	-3.068923	.125	4.350083	0	
157	N157	-5.301759	.125	0.482698	0	
158	N158	-5.540154	0.33325	4.126876	0	
159	N159	-3.068924	.125	4.118866	0	
160	N160	-3.068924	0.33325	4.63973	0	
161	N161	-5.540154	.125	4.126876	0	
162	N162A	-5.540154	0.33325	4.63973	0	
163	N163A	-6.344071	0.33325	2.734451	0	
164	N164A	-5.101519	0.33325	0.598308	0	
165	N165A	-5.101519	.125	0.598308	0	
166	N166A	-5.5526	0.33325	0.337876	0	
167	N167A	-6.344071	.125	2.734451	0	
168	N168A	-6.788223	0.33325	2.478037	0	
169	N169A	-4.616566	.125	2.665359	0	
170	N170A	-2.615715	-0.020833	1.510184	0	
171	N171A	-3.152275	-0.020833	1.819967	0	
172	N172	-4.46439	-0.020833	2.577517	0	
173	N173	-5.410415	-0.020833	3.123705	0	
174	N174	-2.615715	-1.0625	1.510184	0	
175	N175	-2.615715	-0.083333	1.510184	0	
176	N176	-3.237756	-0.020833	1.869319	0	
177	N177	-3.719737	-0.020833	2.147591	0	
178	N178	-4.123872	-0.020833	2.380919	0	
179	N179	-4.751668	-0.020833	2.743377	0	
180	N180	-4.976354	-0.020833	2.873099	0	
181	N181	-3.237756	-0.083333	1.869319	0	
182	N182	-3.719737	-0.083333	2.147591	0	
183	N183	-4.123872	-0.083333	2.380919	0	
184	N184	-4.46439	-0.083333	2.577517	0	
185	N185	-4.751668	-0.083333	2.743377	0	



**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
186	N186	-4.976354	-0.083333	2.873099	0	
187	N187	-2.614545	-1.00106	1.509508	0	
188	N188	-3.244903	-0.863854	1.873446	0	
189	N189	-3.741125	-0.668843	2.159939	0	
190	N190	-4.134898	-0.514094	2.387285	0	
191	N191	-4.475413	-0.432023	2.583881	0	
192	N192	-4.762688	-0.362784	2.749739	0	
193	N193	-4.987372	-0.308631	2.87946	0	
194	N194	-3.233853	-0.802709	1.867066	0	
195	N195A	-3.719351	-0.611988	2.147368	0	
196	N196	-4.123872	-0.453078	2.380919	0	
197	N197	-4.46439	-0.371028	2.577517	0	
198	N198	-4.751668	-0.301807	2.743377	0	
199	N199	-4.976308	-0.24741	2.873073	0	
200	N200	-5.410415	-0.083333	3.123705	0	
201	N201	-5.394666	-0.146105	3.114612	0	
202	N202	-5.396648	-0.209988	3.115756	0	
203	N203	-1.785774	-0.020833	1.031017	0	
204	N204	-1.785774	-1.0625	1.031017	0	
205	N205	-1.785774	-0.083333	1.031017	0	
206	N206	-1.785774	-1.001046	1.031017	0	
207	N207	-0.991945	-0.020833	0.5727	0	
208	N208	-0.991945	-1.0625	0.5727	0	
209	N209	-0.991945	-0.083333	0.5727	0	
210	N210	-0.991945	-1.001046	0.5727	0	
211	N211	-4.616558	-0.020833	2.665371	0	
212	N212	-5.204203	-0.192226	3.004648	0	
213	N213	-5.204047	-0.083333	3.004558	0	
214	N215	-3.06893	.125	2.683449	0	
215	N216	-3.858415	.125	1.316021	0	
216	N217	-5.410422	.125	3.123692	0	
217	N218	-3.12277	0.33325	4.639744	0	
218	N219	6.639931	.125	3.833583	0	
219	N220	2.96423	.125	1.711416	0	
220	N221	5.742332	.125	3.315354	0	
221	N222	5.367332	.125	3.964873	0	
222	N223	4.811354	.125	2.777854	0	
223	N224	3.856417	.125	2.22652	0	
224	N225	3.898563	.125	4.358855	0	
225	N226	3.211167	.125	3.344126	0	
226	N227	5.658998	.125	3.459691	0	
227	N228	4.728021	.125	2.922191	0	
228	N229	3.773084	.125	2.370858	0	
229	N230	5.225025	.125	4.211354	0	
230	N231	3.756489	.125	4.604933	0	
231	N232	3.068911	.125	3.59052	0	
232	N233	6.493912	.125	3.749279	0	
233	N234	3.152268	.125	1.81998	0	
234	N235	6.410579	.125	3.893617	0	
235	N236	3.595496	.125	4.648081	0	
236	N237	3.068918	.125	1.964308	0	
237	N238	6.117332	.125	2.665835	0	
238	N239	5.724146	.125	1.196852	0	
239	N240	4.501667	.125	1.108914	0	
240	N241	5.825665	.125	3.171016	0	
241	N242	4.894688	.125	2.633516	0	
242	N243	3.93975	.125	2.082183	0	



**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
243	N244	6.259638	.125	2.419353	0	
244	N245	5.866219	.125	0.950774	0	
245	N246	4.643922	.125	0.862521	0	
246	N247	6.577246	.125	3.604941	0	
247	N248	5.823089	.125	0.789776	0	
248	N249	3.235585	.125	1.675633	0	
249	N250	5.101504	0.33325	0.598333	0	
250	N251	5.301744	.125	0.482724	0	
251	N252	3.068908	.125	4.350109	0	
252	N253	6.344056	0.33325	2.734477	0	
253	N254	5.101504	.125	0.598333	0	
254	N255	5.552586	0.33325	0.337901	0	
255	N256	6.344056	.125	2.734477	0	
256	N257	6.788201	0.33325	2.47805	0	
257	N258	5.54014	0.33325	4.126901	0	
258	N259	3.068909	0.33325	4.118891	0	
259	N260A	3.068909	.125	4.118891	0	
260	N261A	3.068909	0.33325	4.639755	0	
261	N262	5.54014	.125	4.126901	0	
262	N263	5.540154	0.33325	4.639755	0	
263	N264	4.616551	.125	2.665384	0	
264	N265	2.615715	-0.020833	1.510184	0	
265	N266	3.152275	-0.020833	1.819967	0	
266	N267	4.46439	-0.020833	2.577517	0	
267	N268	5.410415	-0.020833	3.123705	0	
268	N269	2.615715	-1.0625	1.510184	0	
269	N270	2.615715	-0.083333	1.510184	0	
270	N271	3.237756	-0.020833	1.869319	0	
271	N272	3.719737	-0.020833	2.147591	0	
272	N273	4.123872	-0.020833	2.380919	0	
273	N274	4.751668	-0.020833	2.743377	0	
274	N275	4.976354	-0.020833	2.873099	0	
275	N276	3.237756	-0.083333	1.869319	0	
276	N277	3.719737	-0.083333	2.147591	0	
277	N278	4.123872	-0.083333	2.380919	0	
278	N279	4.46439	-0.083333	2.577517	0	
279	N280	4.751668	-0.083333	2.743377	0	
280	N281	4.976354	-0.083333	2.873099	0	
281	N282	2.614545	-1.00106	1.509508	0	
282	N283	3.244903	-0.863854	1.873446	0	
283	N284	3.741125	-0.668843	2.159939	0	
284	N285	4.134898	-0.514094	2.387285	0	
285	N286	4.475413	-0.432023	2.583881	0	
286	N287	4.762688	-0.362784	2.749739	0	
287	N288	4.987372	-0.308631	2.87946	0	
288	N289	3.233853	-0.802709	1.867066	0	
289	N290	3.719351	-0.611988	2.147368	0	
290	N291	4.123872	-0.453078	2.380919	0	
291	N292	4.46439	-0.371028	2.577517	0	
292	N293	4.751668	-0.301807	2.743377	0	
293	N294	4.976308	-0.24741	2.873073	0	
294	N295A	5.410415	-0.083333	3.123705	0	
295	N296A	5.394666	-0.146105	3.114612	0	
296	N297A	5.396648	-0.209988	3.115756	0	
297	N298A	1.785774	-0.020833	1.031017	0	
298	N299A	1.785774	-1.0625	1.031017	0	
299	N300	1.785774	-0.083333	1.031017	0	



**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
300	N301A	1.785774	-1.001046	1.031017	0	
301	N302	0.991945	-0.020833	0.5727	0	
302	N303	0.991945	-1.0625	0.5727	0	
303	N304	0.991945	-0.083333	0.5727	0	
304	N305	0.991945	-1.001046	0.5727	0	
305	N306	4.616558	-0.020833	2.665371	0	
306	N307	5.204203	-0.192226	3.004648	0	
307	N308	5.204047	-0.083333	3.004558	0	
308	N310	3.8584	.125	1.316047	0	
309	N311	3.068915	.125	2.683475	0	
310	N312	5.410408	.125	3.123717	0	
311	N313A	5.579521	0.33325	0.384526	0	
312	N312C	-5.250014	3.83325	4.639747	0	
313	N313C	-5.250014	3.83325	4.47308	0	
314	N314	5.249986	3.83325	4.639747	0	
315	N315	5.249986	3.83325	4.47308	0	
316	N316	-0.	-0.020833	-1.478733	0	
317	N318	7.143145	0.33325	3.092797	0	
318	N319	0.893137	0.33325	-7.732552	0	
319	N321	1.559803	0.33325	-6.577851	0	
320	N322A	1.769093	0.33325	-6.698685	0	
321	N323A	1.769093	6.58325	-6.698685	0	
322	N324A	1.769093	-1.41675	-6.698685	0	
323	N325A	3.143137	0.33325	-3.835438	0	
324	N326	3.352426	0.33325	-3.956271	0	
325	N327	3.352426	6.58325	-3.956271	0	
326	N328	3.352426	-1.41675	-3.956271	0	
327	N329	4.768137	0.33325	-1.020855	0	
328	N330	4.977426	0.33325	-1.141688	0	
329	N331	4.977426	6.58325	-1.141688	0	
330	N332	4.977426	-1.41675	-1.141688	0	
331	N333	6.41397	0.33325	1.829812	0	
332	N334	6.623259	0.33325	1.708979	0	
333	N335	6.623259	6.58325	1.708979	0	
334	N336	6.623259	-1.41675	1.708979	0	
335	N337	7.143145	3.83325	3.092797	0	
336	N338	0.893137	3.83325	-7.732552	0	
337	N339	1.559803	3.83325	-6.577851	0	
338	N340	1.769093	3.83325	-6.698685	0	
339	N341	3.143137	3.83325	-3.835438	0	
340	N342	3.352426	3.83325	-3.956271	0	
341	N343	4.768137	3.83325	-1.020855	0	
342	N344	4.977426	3.83325	-1.141688	0	
343	N345	6.41397	3.83325	1.829812	0	
344	N346	6.623259	3.83325	1.708979	0	
345	N354	6.643145	3.83325	2.226772	0	
346	N355	1.393145	3.83325	-6.866495	0	
347	N356	-1.28062	-0.020833	0.739366	0	
348	N358	-0.893132	0.33325	-7.732544	0	
349	N359	-7.143155	0.33325	3.092797	0	
350	N361	-6.476488	0.33325	1.938096	0	
351	N362	-6.685777	0.33325	1.817263	0	
352	N363	-6.685777	6.58325	1.817263	0	
353	N364	-6.685777	-1.41675	1.817263	0	
354	N365	-4.893155	0.33325	-0.804317	0	
355	N366	-5.102444	0.33325	-0.925151	0	
356	N367	-5.102444	6.58325	-0.925151	0	





**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
357	N368	-5.102444	-1.41675	-0.925151	0	
358	N369	-3.268155	0.33325	-3.6189	0	
359	N370	-3.477444	0.33325	-3.739733	0	
360	N371	-3.477444	6.58325	-3.739733	0	
361	N372	-3.477444	-1.41675	-3.739733	0	
362	N373	-1.622321	0.33325	-6.469567	0	
363	N374	-1.831611	0.33325	-6.5904	0	
364	N375	-1.831611	6.58325	-6.5904	0	
365	N376	-1.831611	-1.41675	-6.5904	0	
366	N377	-0.893132	3.83325	-7.732544	0	
367	N378	-7.143155	3.83325	3.092797	0	
368	N379	-6.476488	3.83325	1.938096	0	
369	N380	-6.685777	3.83325	1.817263	0	
370	N381	-4.893155	3.83325	-0.804317	0	
371	N382	-5.102444	3.83325	-0.925151	0	
372	N383	-3.268155	3.83325	-3.6189	0	
373	N384	-3.477444	3.83325	-3.739733	0	
374	N385	-1.622321	3.83325	-6.469567	0	
375	N386	-1.831611	3.83325	-6.5904	0	
376	N394	-1.393132	3.83325	-6.866519	0	
377	N395	-6.643132	3.83325	2.226748	0	
378	N396	1.28062	-0.020833	0.739366	0	
379	N397	1.28062	2.0625	0.739366	0	
380	N382A	6.498808	3.83325	2.310105	0	
381	N384A	1.248808	3.83325	-6.783162	0	
382	N387	-1.248794	3.83325	-6.783185	0	
383	N389	-6.498794	3.83325	2.310081	0	
384	N384B	-4.791649	5.33325	4.881422	0	
385	N385A	-4.791649	1.83325	4.881422	0	
386	N386A	-4.791649	3.58325	4.881422	0	
387	N387A	-1.499982	2.83325	4.881422	0	
388	N388	-1.499982	4.08325	4.881422	0	
389	N389A	-1.499982	4.83325	4.881422	0	
390	N390	-1.499982	4.08325	4.464755	0	
391	N391	-1.499982	4.83325	4.464755	0	
392	N392	-1.499982	3.83325	4.464755	0	
393	N393	-1.499982	5.166583	4.464755	0	
394	N394A	-4.791649	2.08325	4.881422	0	
395	N395A	-4.791649	5.08325	4.881422	0	
396	N396A	-4.791649	6.08325	4.881422	0	
397	N397A	-4.791649	4.08325	4.881422	0	
398	N398	-4.791649	3.62075	4.881422	0	
399	N399	-4.791649	0.954083	4.881422	0	
400	N400	-4.791649	0.10825	4.881422	0	

**Hot Rolled Steel Section Sets**

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE 2.5	None	None	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
2	Support Rail	PIPE 2.0	None	None	A53 Gr.B	Typical	1.02	.627	.627	1.25
3	Support Rail Corner	L2.5x2.5x3	None	None	A36 Gr.36	Typical	.901	.535	.535	.011
4	Mount Pipe	PIPE 2.5	None	None	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
5	OVP Mount Pipe	PIPE 2.0	None	None	A53 Gr.B	Typical	1.02	.627	.627	1.25
6	GPS Mount pipe	PIPE 2.0	None	None	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Standoff Horizontal	HSS4X3X4	None	None	A53 Gr.B	Typical	2.91	3.91	6.15	7.96
8	Work Platform	12X1.5	None	None	A53 Gr.B	Typical	1.114	.134	18.399	.002



**Hot Rolled Steel Section Sets (Continued)**

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
9	Connector Angle	L2x2x2	None	None	A53 Gr.B	Typical	.491	.189	.189	.003
10	Grating Support	L3X3X6	None	None	A53 Gr.B	Typical	2.11	1.75	1.75	.101
11	Secondary Standoff	PL1/2X4	None	None	A572 Gr.50	Typical	2	.042	2.667	.154
12	Lower Standoff	PL3/8x4	None	None	A572 Gr.50	Typical	1.5	.018	2	.066
13	Bracing	PL3/8X1	None	None	A572 Gr.50	Typical	.375	.004	.031	.013
14	Grating Bracing	PL3/8x2.375	None	None	A53 Gr.B	Typical	.891	.01	.419	.038

**Hot Rolled Steel Properties**

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

**Member Primary Data**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M99	N120	N126			RIGID	None	None	RIGID	Typical
2	M100	N122	N127			RIGID	None	None	RIGID	Typical
3	M101	N123	N128			RIGID	None	None	RIGID	Typical
4	M102	N121	N129			RIGID	None	None	RIGID	Typical
5	M103	N124	N130			RIGID	None	None	RIGID	Typical
6	M104	N125	N131			RIGID	None	None	RIGID	Typical
7	M105	N132	N134			RIGID	None	None	RIGID	Typical
8	M106	N133	N136			RIGID	None	None	RIGID	Typical
9	M108	N120	N140			RIGID	None	None	RIGID	Typical
10	M109	N122	N141			RIGID	None	None	RIGID	Typical
11	M110	N123	N142			RIGID	None	None	RIGID	Typical
12	M111	N137	N143			RIGID	None	None	RIGID	Typical
13	M112	N138	N144			RIGID	None	None	RIGID	Typical
14	M113	N139	N145			RIGID	None	None	RIGID	Typical
15	M114	N132	N146			RIGID	None	None	RIGID	Typical
16	M115	N133	N148			RIGID	None	None	RIGID	Typical
17	M116	N162	N149			RIGID	None	None	RIGID	Typical
18	M117	N149	N163			RIGID	None	None	RIGID	Typical
19	M118	N164	N152			RIGID	None	None	RIGID	Typical
20	M119	N152	N165			RIGID	None	None	RIGID	Typical
21	M122	N134	N135		180	Grating Support	None	None	A53 Gr.B	Typical
22	M123	N146	N147		90	Grating Support	None	None	A53 Gr.B	Typical
23	M124	N148	N150		180	Grating Support	None	None	A53 Gr.B	Typical
24	M125	N136	N151		90	Grating Support	None	None	A53 Gr.B	Typical
25	M126	N117	N118		90	Standoff Horiz...	None	None	A53 Gr.B	Typical
26	M127	N147	N150		180	Grating Support	None	None	A53 Gr.B	Typical
27	M128	N135	N151		90	Grating Support	None	None	A53 Gr.B	Typical
28	M129	N127	N124			Grating Bracing	None	None	A53 Gr.B	Typical
29	M130	N128	N125			Grating Bracing	None	None	A53 Gr.B	Typical
30	M131	N126	N121			Grating Bracing	None	None	A53 Gr.B	Typical
31	M132	N141	N138			Grating Bracing	None	None	A53 Gr.B	Typical
32	M133	N142	N139			Grating Bracing	None	None	A53 Gr.B	Typical
33	M134	N140	N137			Grating Bracing	None	None	A53 Gr.B	Typical
34	M136A	N168	N166			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
35	M137A	N166	N169			RIGID	None	None	RIGID	Typical
36	M138A	N170	N167			RIGID	None	None	RIGID	Typical
37	M139A	N167	N171			RIGID	None	None	RIGID	Typical
38	M177	N195	N196A			Face Horizontal	None	None	A53 Gr.B	Typical
39	M269A	N266A	N261			RIGID	None	None	RIGID	Typical
40	M270A	N273A	N267A			RIGID	None	None	RIGID	Typical
41	M272A	N275A	N269A			RIGID	None	None	RIGID	Typical
42	M273A	N276A	N270A			RIGID	None	None	RIGID	Typical
43	M274A	N277A	N263A			RIGID	None	None	RIGID	Typical
44	M275A	N278A	N271A			RIGID	None	None	RIGID	Typical
45	M276A	N279A	N272A			RIGID	None	None	RIGID	Typical
46	M277A	N295	N264A			RIGID	None	None	RIGID	Typical
47	M278A	N297	N296			RIGID	None	None	RIGID	Typical
48	M279A	N288A	N294A			RIGID	None	None	RIGID	Typical
49	M280A	N287A	N293A			RIGID	None	None	RIGID	Typical
50	M281A	N286A	N292A			RIGID	None	None	RIGID	Typical
51	M282A	N285A	N291A			RIGID	None	None	RIGID	Typical
52	M283A	N283A	N290A			RIGID	None	None	RIGID	Typical
53	M285A	N282A	N289A			RIGID	None	None	RIGID	Typical
54	M286A	N265A	N280A			RIGID	None	None	RIGID	Typical
55	M287A	N270A	N267A		90	Secondary Sta...	None	None	A572 Gr.50	Typical
56	M289A	N267A	N261		90	Secondary Sta...	None	None	A572 Gr.50	Typical
57	M290A	N285A	N282A		90	Lower Standoff	None	None	A572 Gr.50	Typical
58	M292A	N282A	N265A		90	Lower Standoff	None	None	A572 Gr.50	Typical
59	M293A	N276A	N273A			Bracing	None	None	A572 Gr.50	Typical
60	M295A	N273A	N266A			Bracing	None	None	A572 Gr.50	Typical
61	M296A	N291A	N289A			Bracing	None	None	A572 Gr.50	Typical
62	M298A	N289A	N280A			Bracing	None	None	A572 Gr.50	Typical
63	M299A	N280A	N266A			Bracing	None	None	A572 Gr.50	Typical
64	M300A	N296	N295			RIGID	None	None	RIGID	Typical
65	M301A	N266A	N289A			Bracing	None	None	A572 Gr.50	Typical
66	M302A	N289A	N273A			Bracing	None	None	A572 Gr.50	Typical
67	M305A	N290A	N273A			Bracing	None	None	A572 Gr.50	Typical
68	M306A	N290A	N275A		180	Bracing	None	None	A572 Gr.50	Typical
69	M307	N291A	N275A			Bracing	None	None	A572 Gr.50	Typical
70	M308	N291A	N276A		180	Bracing	None	None	A572 Gr.50	Typical
71	M309	N292A	N276A			Bracing	None	None	A572 Gr.50	Typical
72	M310	N292A	N277A		180	Bracing	None	None	A572 Gr.50	Typical
73	M311	N293A	N277A			Bracing	None	None	A572 Gr.50	Typical
74	M312	N293A	N278A		120	Bracing	None	None	A572 Gr.50	Typical
75	M313	N294A	N279A			Bracing	None	None	A572 Gr.50	Typical
76	M314	N306A	N260			RIGID	None	None	RIGID	Typical
77	M315	N262A	N133			RIGID	None	None	RIGID	Typical
78	M316	N265A	N299		90	Lower Standoff	None	None	A572 Gr.50	Typical
79	M317	N299	N303A		90	Lower Standoff	None	None	A572 Gr.50	Typical
80	M318	N280A	N301			Bracing	None	None	A572 Gr.50	Typical
81	M319	N301	N305A			Bracing	None	None	A572 Gr.50	Typical
82	M320	N266A	N300A			Bracing	None	None	A572 Gr.50	Typical
83	M321	N300A	N304A			Bracing	None	None	A572 Gr.50	Typical
84	M322	N280A	N300A			Bracing	None	None	A572 Gr.50	Typical
85	M323A	N301	N300A		180	Bracing	None	None	A572 Gr.50	Typical
86	M324A	N301	N304A			Bracing	None	None	A572 Gr.50	Typical
87	M325A	N305A	N304A		180	Bracing	None	None	A572 Gr.50	Typical
88	M326A	N261	N298		90	Secondary Sta...	None	None	A572 Gr.50	Typical
89	M327A	N298	N302A		90	Secondary Sta...	None	None	A572 Gr.50	Typical
90	M328A	N300A	N298		90	RIGID	None	None	RIGID	Typical
91	M329A	N304A	N302A		90	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
92	M330A	N303A	N305A		90	RIGID	None	None	RIGID	Typical
93	M331A	N299	N301		90	RIGID	None	None	RIGID	Typical
94	M332B	N297	N287A		90	Lower Standoff	None	None	A572 Gr.50	Typical
95	M333A	N264A	N271A		90	Secondary Sta...	None	None	A572 Gr.50	Typical
96	M334A	N295	N278A			Bracing	None	None	A572 Gr.50	Typical
97	M335A	N296	N293A			Bracing	None	None	A572 Gr.50	Typical
98	M336	N271A	N270A		90	Secondary Sta...	None	None	A572 Gr.50	Typical
99	M337	N278A	N276A			Bracing	None	None	A572 Gr.50	Typical
100	M338	N293A	N291A			Bracing	None	None	A572 Gr.50	Typical
101	M339	N287A	N285A		90	Lower Standoff	None	None	A572 Gr.50	Typical
102	M344	N278A	N294A			Bracing	None	None	A572 Gr.50	Typical
103	M345	N279A	N307C			Bracing	None	None	A572 Gr.50	Typical
104	M367	N264A	N346A			RIGID	None	None	RIGID	Typical
105	M336B	N300B	N301B			RIGID	None	None	RIGID	Typical
106	MP1A	N302B	N303B			Mount Pipe	None	None	A53 Gr.B	Typical
107	M338B	N304B	N305B			RIGID	None	None	RIGID	Typical
108	MP2A	N306B	N307A			Mount Pipe	None	None	A53 Gr.B	Typical
109	M340A	N308A	N309A			RIGID	None	None	RIGID	Typical
110	MP3A	N310A	N311A			Mount Pipe	None	None	A53 Gr.B	Typical
111	M342A	N312B	N313B			RIGID	None	None	RIGID	Typical
112	MP4A	N314A	N315A			Mount Pipe	None	None	A53 Gr.B	Typical
113	M344A	N317	N316A			Support Rail	None	None	A53 Gr.B	Typical
114	M345A	N318A	N319A			RIGID	None	None	RIGID	Typical
115	M346	N320A	N321A			RIGID	None	None	RIGID	Typical
116	M347	N322	N323			RIGID	None	None	RIGID	Typical
117	M348	N324	N325			RIGID	None	None	RIGID	Typical
118	M118A	N126A	N132A			RIGID	None	None	RIGID	Typical
119	M119A	N128A	N133A			RIGID	None	None	RIGID	Typical
120	M120	N129A	N134A			RIGID	None	None	RIGID	Typical
121	M121	N127A	N135A			RIGID	None	None	RIGID	Typical
122	M122A	N130A	N136A			RIGID	None	None	RIGID	Typical
123	M123A	N131A	N137A			RIGID	None	None	RIGID	Typical
124	M124A	N138A	N140A			RIGID	None	None	RIGID	Typical
125	M125A	N139A	N142A			RIGID	None	None	RIGID	Typical
126	M126A	N126A	N146A			RIGID	None	None	RIGID	Typical
127	M127A	N128A	N147A			RIGID	None	None	RIGID	Typical
128	M128A	N129A	N148A			RIGID	None	None	RIGID	Typical
129	M129A	N143A	N149A			RIGID	None	None	RIGID	Typical
130	M130A	N144A	N150A			RIGID	None	None	RIGID	Typical
131	M131A	N145A	N151A			RIGID	None	None	RIGID	Typical
132	M132A	N138A	N152A			RIGID	None	None	RIGID	Typical
133	M133A	N139A	N154			RIGID	None	None	RIGID	Typical
134	M134A	N159	N155		120	RIGID	None	None	RIGID	Typical
135	M135	N155	N160			RIGID	None	None	RIGID	Typical
136	M136	N161	N158		120	RIGID	None	None	RIGID	Typical
137	M137	N158	N162A			RIGID	None	None	RIGID	Typical
138	M138	N140A	N141A		180	Grating Support	None	None	A53 Gr.B	Typical
139	M139	N152A	N153		90	Grating Support	None	None	A53 Gr.B	Typical
140	M140	N154	N156		180	Grating Support	None	None	A53 Gr.B	Typical
141	M141	N142A	N157		90	Grating Support	None	None	A53 Gr.B	Typical
142	M142	N124A	N125A		90	Standoff Horiz...	None	None	A53 Gr.B	Typical
143	M143	N153	N156		180	Grating Support	None	None	A53 Gr.B	Typical
144	M144	N141A	N157		90	Grating Support	None	None	A53 Gr.B	Typical
145	M145	N133A	N130A			Grating Bracing	None	None	A53 Gr.B	Typical
146	M146	N134A	N131A			Grating Bracing	None	None	A53 Gr.B	Typical
147	M147	N132A	N127A			Grating Bracing	None	None	A53 Gr.B	Typical
148	M148	N147A	N144A			Grating Bracing	None	None	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
149	M149	N148A	N145A			Grating Bracing	None	None	A53 Gr.B	Typical
150	M150	N146A	N143A			Grating Bracing	None	None	A53 Gr.B	Typical
151	M151	N165A	N164A		120	RIGID	None	None	RIGID	Typical
152	M152	N164A	N166A			RIGID	None	None	RIGID	Typical
153	M153	N167A	N163A		120	RIGID	None	None	RIGID	Typical
154	M154	N163A	N168A			RIGID	None	None	RIGID	Typical
155	M155	N175	N170A		120	RIGID	None	None	RIGID	Typical
156	M156	N181	N176		120	RIGID	None	None	RIGID	Typical
157	M157	N182	N177		120	RIGID	None	None	RIGID	Typical
158	M158	N183	N178		120	RIGID	None	None	RIGID	Typical
159	M159	N184	N172		120	RIGID	None	None	RIGID	Typical
160	M160	N185	N179		120	RIGID	None	None	RIGID	Typical
161	M161	N186	N180		120	RIGID	None	None	RIGID	Typical
162	M162	N200	N173		120	RIGID	None	None	RIGID	Typical
163	M163	N202	N201			RIGID	None	None	RIGID	Typical
164	M164	N193	N199			RIGID	None	None	RIGID	Typical
165	M165	N192	N198			RIGID	None	None	RIGID	Typical
166	M166	N191	N197			RIGID	None	None	RIGID	Typical
167	M167	N190	N196			RIGID	None	None	RIGID	Typical
168	M168	N189	N195A			RIGID	None	None	RIGID	Typical
169	M169	N188	N194			RIGID	None	None	RIGID	Typical
170	M170	N174	N187			RIGID	None	None	RIGID	Typical
171	M171	N178	N176		90	Secondary Sta...	None	None	A572 Gr.50	Typical
172	M172	N176	N170A		90	Secondary Sta...	None	None	A572 Gr.50	Typical
173	M173	N190	N188		90	Lower Standoff	None	None	A572 Gr.50	Typical
174	M174	N188	N174		90	Lower Standoff	None	None	A572 Gr.50	Typical
175	M175	N183	N181			Bracing	None	None	A572 Gr.50	Typical
176	M176	N181	N175			Bracing	None	None	A572 Gr.50	Typical
177	M177A	N196	N194			Bracing	None	None	A572 Gr.50	Typical
178	M178	N194	N187			Bracing	None	None	A572 Gr.50	Typical
179	M179	N187	N175			Bracing	None	None	A572 Gr.50	Typical
180	M180	N201	N200			RIGID	None	None	RIGID	Typical
181	M181	N175	N194			Bracing	None	None	A572 Gr.50	Typical
182	M182	N194	N181			Bracing	None	None	A572 Gr.50	Typical
183	M183	N195A	N181			Bracing	None	None	A572 Gr.50	Typical
184	M184	N195A	N182		180	Bracing	None	None	A572 Gr.50	Typical
185	M185	N196	N182			Bracing	None	None	A572 Gr.50	Typical
186	M186	N196	N183		300	Bracing	None	None	A572 Gr.50	Typical
187	M187	N197	N183			Bracing	None	None	A572 Gr.50	Typical
188	M188	N197	N184		300	Bracing	None	None	A572 Gr.50	Typical
189	M189	N198	N184			Bracing	None	None	A572 Gr.50	Typical
190	M190	N198	N185		240	Bracing	None	None	A572 Gr.50	Typical
191	M191	N199	N186		210	Bracing	None	None	A572 Gr.50	Typical
192	M192	N211	N169A		120	RIGID	None	None	RIGID	Typical
193	M193	N171A	N139A		120	RIGID	None	None	RIGID	Typical
194	M194	N174	N204		90	Lower Standoff	None	None	A572 Gr.50	Typical
195	M195	N204	N208		90	Lower Standoff	None	None	A572 Gr.50	Typical
196	M196	N187	N206			Bracing	None	None	A572 Gr.50	Typical
197	M197	N206	N210			Bracing	None	None	A572 Gr.50	Typical
198	M198	N175	N205			Bracing	None	None	A572 Gr.50	Typical
199	M199	N205	N209			Bracing	None	None	A572 Gr.50	Typical
200	M200	N187	N205			Bracing	None	None	A572 Gr.50	Typical
201	M201	N206	N205		300	Bracing	None	None	A572 Gr.50	Typical
202	M202	N206	N209			Bracing	None	None	A572 Gr.50	Typical
203	M203	N210	N209		300	Bracing	None	None	A572 Gr.50	Typical
204	M204	N170A	N203		90	Secondary Sta...	None	None	A572 Gr.50	Typical
205	M205	N203	N207		90	Secondary Sta...	None	None	A572 Gr.50	Typical



**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
206	M206	N205	N203		210	RIGID	None	None	RIGID	Typical
207	M207	N209	N207		210	RIGID	None	None	RIGID	Typical
208	M208	N208	N210		210	RIGID	None	None	RIGID	Typical
209	M209	N204	N206		210	RIGID	None	None	RIGID	Typical
210	M210	N202	N192		90	Lower Standoff	None	None	A572 Gr.50	Typical
211	M211	N173	N179		90	Secondary Sta...	None	None	A572 Gr.50	Typical
212	M212	N200	N185			Bracing	None	None	A572 Gr.50	Typical
213	M213	N201	N198			Bracing	None	None	A572 Gr.50	Typical
214	M214	N179	N178		90	Secondary Sta...	None	None	A572 Gr.50	Typical
215	M215	N185	N183			Bracing	None	None	A572 Gr.50	Typical
216	M216	N198	N196			Bracing	None	None	A572 Gr.50	Typical
217	M217	N192	N190		90	Lower Standoff	None	None	A572 Gr.50	Typical
218	M218	N185	N199			Bracing	None	None	A572 Gr.50	Typical
219	M219	N186	N212			Bracing	None	None	A572 Gr.50	Typical
220	M220	N173	N217		120	RIGID	None	None	RIGID	Typical
221	M221	N221	N227			RIGID	None	None	RIGID	Typical
222	M222	N223	N228			RIGID	None	None	RIGID	Typical
223	M223	N224	N229			RIGID	None	None	RIGID	Typical
224	M224	N222	N230			RIGID	None	None	RIGID	Typical
225	M225	N225	N231			RIGID	None	None	RIGID	Typical
226	M226	N226	N232			RIGID	None	None	RIGID	Typical
227	M227	N233	N235			RIGID	None	None	RIGID	Typical
228	M228	N234	N237			RIGID	None	None	RIGID	Typical
229	M229	N221	N241			RIGID	None	None	RIGID	Typical
230	M230	N223	N242			RIGID	None	None	RIGID	Typical
231	M231	N224	N243			RIGID	None	None	RIGID	Typical
232	M232	N238	N244			RIGID	None	None	RIGID	Typical
233	M233	N239	N245			RIGID	None	None	RIGID	Typical
234	M234	N240	N246			RIGID	None	None	RIGID	Typical
235	M235	N233	N247			RIGID	None	None	RIGID	Typical
236	M236	N234	N249			RIGID	None	None	RIGID	Typical
237	M237	N254	N250		240	RIGID	None	None	RIGID	Typical
238	M238	N250	N255			RIGID	None	None	RIGID	Typical
239	M239	N256	N253		240	RIGID	None	None	RIGID	Typical
240	M240	N253	N257			RIGID	None	None	RIGID	Typical
241	M241	N235	N236		180	Grating Support	None	None	A53 Gr.B	Typical
242	M242	N247	N248		90	Grating Support	None	None	A53 Gr.B	Typical
243	M243	N249	N251		180	Grating Support	None	None	A53 Gr.B	Typical
244	M244	N237	N252		90	Grating Support	None	None	A53 Gr.B	Typical
245	M245	N219	N220		90	Standoff Horiz...	None	None	A53 Gr.B	Typical
246	M246	N248	N251		180	Grating Support	None	None	A53 Gr.B	Typical
247	M247	N236	N252		90	Grating Support	None	None	A53 Gr.B	Typical
248	M248	N228	N225			Grating Bracing	None	None	A53 Gr.B	Typical
249	M249	N229	N226			Grating Bracing	None	None	A53 Gr.B	Typical
250	M250	N227	N222			Grating Bracing	None	None	A53 Gr.B	Typical
251	M251	N242	N239			Grating Bracing	None	None	A53 Gr.B	Typical
252	M252	N243	N240			Grating Bracing	None	None	A53 Gr.B	Typical
253	M253	N241	N238			Grating Bracing	None	None	A53 Gr.B	Typical
254	M254	N260A	N259		240	RIGID	None	None	RIGID	Typical
255	M255	N259	N261A			RIGID	None	None	RIGID	Typical
256	M256	N262	N258		240	RIGID	None	None	RIGID	Typical
257	M257	N258	N263			RIGID	None	None	RIGID	Typical
258	M258	N270	N265		240	RIGID	None	None	RIGID	Typical
259	M259	N276	N271		240	RIGID	None	None	RIGID	Typical
260	M260	N277	N272		240	RIGID	None	None	RIGID	Typical
261	M261	N278	N273		240	RIGID	None	None	RIGID	Typical
262	M262	N279	N267		240	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
263	M263	N280	N274		240	RIGID	None	None	RIGID	Typical
264	M264	N281	N275		240	RIGID	None	None	RIGID	Typical
265	M265	N295A	N268		240	RIGID	None	None	RIGID	Typical
266	M266	N297A	N296A			RIGID	None	None	RIGID	Typical
267	M267	N288	N294			RIGID	None	None	RIGID	Typical
268	M268	N287	N293			RIGID	None	None	RIGID	Typical
269	M269	N286	N292			RIGID	None	None	RIGID	Typical
270	M270	N285	N291			RIGID	None	None	RIGID	Typical
271	M271	N284	N290			RIGID	None	None	RIGID	Typical
272	M272	N283	N289			RIGID	None	None	RIGID	Typical
273	M273	N269	N282			RIGID	None	None	RIGID	Typical
274	M274	N273	N271		90	Secondary Sta...	None	None	A572 Gr.50	Typical
275	M275	N271	N265		90	Secondary Sta...	None	None	A572 Gr.50	Typical
276	M276	N285	N283		90	Lower Standoff	None	None	A572 Gr.50	Typical
277	M277	N283	N269		90	Lower Standoff	None	None	A572 Gr.50	Typical
278	M278	N278	N276			Bracing	None	None	A572 Gr.50	Typical
279	M279	N276	N270			Bracing	None	None	A572 Gr.50	Typical
280	M280	N291	N289			Bracing	None	None	A572 Gr.50	Typical
281	M281	N289	N282			Bracing	None	None	A572 Gr.50	Typical
282	M282	N282	N270			Bracing	None	None	A572 Gr.50	Typical
283	M283	N296A	N295A			RIGID	None	None	RIGID	Typical
284	M284	N270	N289			Bracing	None	None	A572 Gr.50	Typical
285	M285	N289	N276			Bracing	None	None	A572 Gr.50	Typical
286	M286	N290	N276			Bracing	None	None	A572 Gr.50	Typical
287	M287	N290	N277		180	Bracing	None	None	A572 Gr.50	Typical
288	M288	N291	N277			Bracing	None	None	A572 Gr.50	Typical
289	M289	N291	N278		60	Bracing	None	None	A572 Gr.50	Typical
290	M290	N292	N278			Bracing	None	None	A572 Gr.50	Typical
291	M291	N292	N279		60	Bracing	None	None	A572 Gr.50	Typical
292	M292	N293	N279			Bracing	None	None	A572 Gr.50	Typical
293	M293	N293	N280		360	Bracing	None	None	A572 Gr.50	Typical
294	M294	N294	N281		330	Bracing	None	None	A572 Gr.50	Typical
295	M295	N306	N264		240	RIGID	None	None	RIGID	Typical
296	M296	N266	N234		240	RIGID	None	None	RIGID	Typical
297	M297	N269	N299A		90	Lower Standoff	None	None	A572 Gr.50	Typical
298	M298	N299A	N303		90	Lower Standoff	None	None	A572 Gr.50	Typical
299	M299	N282	N301A			Bracing	None	None	A572 Gr.50	Typical
300	M300	N301A	N305			Bracing	None	None	A572 Gr.50	Typical
301	M301	N270	N300			Bracing	None	None	A572 Gr.50	Typical
302	M302	N300	N304			Bracing	None	None	A572 Gr.50	Typical
303	M303	N282	N300			Bracing	None	None	A572 Gr.50	Typical
304	M304	N301A	N300		60	Bracing	None	None	A572 Gr.50	Typical
305	M305	N301A	N304			Bracing	None	None	A572 Gr.50	Typical
306	M306	N305	N304		60	Bracing	None	None	A572 Gr.50	Typical
307	M307A	N265	N298A		90	Secondary Sta...	None	None	A572 Gr.50	Typical
308	M308A	N298A	N302		90	Secondary Sta...	None	None	A572 Gr.50	Typical
309	M309A	N300	N298A		330	RIGID	None	None	RIGID	Typical
310	M310A	N304	N302		330	RIGID	None	None	RIGID	Typical
311	M311A	N303	N305		330	RIGID	None	None	RIGID	Typical
312	M312A	N299A	N301A		330	RIGID	None	None	RIGID	Typical
313	M313A	N297A	N287		90	Lower Standoff	None	None	A572 Gr.50	Typical
314	M314A	N268	N274		90	Secondary Sta...	None	None	A572 Gr.50	Typical
315	M315A	N295A	N280			Bracing	None	None	A572 Gr.50	Typical
316	M316A	N296A	N293			Bracing	None	None	A572 Gr.50	Typical
317	M317A	N274	N273		90	Secondary Sta...	None	None	A572 Gr.50	Typical
318	M318A	N280	N278			Bracing	None	None	A572 Gr.50	Typical
319	M319A	N293	N291			Bracing	None	None	A572 Gr.50	Typical



**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
320	M320A	N287	N285		90	Lower Standoff	None	None	A572 Gr.50	Typical
321	M321A	N280	N294			Bracing	None	None	A572 Gr.50	Typical
322	M322A	N281	N307			Bracing	None	None	A572 Gr.50	Typical
323	M323	N268	N312		240	RIGID	None	None	RIGID	Typical
324	M324	N312C	N313C			RIGID	None	None	RIGID	Typical
325	M325	N314	N315			RIGID	None	None	RIGID	Typical
326	M327	N319	N318			Face Horizontal	None	None	A53 Gr.B	Typical
327	M328	N321	N322A			RIGID	None	None	RIGID	Typical
328	MP1C	N323A	N324A		240	Mount Pipe	None	None	A53 Gr.B	Typical
329	M330	N325A	N326			RIGID	None	None	RIGID	Typical
330	MP2C	N327	N328		240	Mount Pipe	None	None	A53 Gr.B	Typical
331	M332	N329	N330			RIGID	None	None	RIGID	Typical
332	MP3C	N331	N332		240	Mount Pipe	None	None	A53 Gr.B	Typical
333	M334	N333	N334			RIGID	None	None	RIGID	Typical
334	MP4C	N335	N336		240	Mount Pipe	None	None	A53 Gr.B	Typical
335	M336A	N338	N337			Support Rail	None	None	A53 Gr.B	Typical
336	M337A	N339	N340			RIGID	None	None	RIGID	Typical
337	M338A	N341	N342			RIGID	None	None	RIGID	Typical
338	M339A	N343	N344			RIGID	None	None	RIGID	Typical
339	M340	N345	N346			RIGID	None	None	RIGID	Typical
340	M342	N359	N358			Face Horizontal	None	None	A53 Gr.B	Typical
341	M343A	N361	N362			RIGID	None	None	RIGID	Typical
342	MP1B	N363	N364		120	Mount Pipe	None	None	A53 Gr.B	Typical
343	M345B	N365	N366			RIGID	None	None	RIGID	Typical
344	MP2B	N367	N368		120	Mount Pipe	None	None	A53 Gr.B	Typical
345	M347A	N369	N370			RIGID	None	None	RIGID	Typical
346	MP3B	N371	N372		120	Mount Pipe	None	None	A53 Gr.B	Typical
347	M349	N373	N374			RIGID	None	None	RIGID	Typical
348	MP4B	N375	N376		120	Mount Pipe	None	None	A53 Gr.B	Typical
349	M351	N378	N377			Support Rail	None	None	A53 Gr.B	Typical
350	M352	N379	N380			RIGID	None	None	RIGID	Typical
351	M353	N381	N382			RIGID	None	None	RIGID	Typical
352	M354	N383	N384			RIGID	None	None	RIGID	Typical
353	M355	N385	N386			RIGID	None	None	RIGID	Typical
354	M356	N397	N396		120	OVP Mount Pi...	None	None	A53 Gr.B	Typical
355	M355A	N354	N382A			RIGID	None	None	RIGID	Typical
356	M356A	N355	N384A			RIGID	None	None	RIGID	Typical
357	M357	N394	N387			RIGID	None	None	RIGID	Typical
358	M358	N395	N389			RIGID	None	None	RIGID	Typical
359	M359	N313C	N389			Support Rail C...	None	None	A36 Gr.36	Typical
360	M360	N382A	N315			Support Rail C...	None	None	A36 Gr.36	Typical
361	M361	N387	N384A			Support Rail C...	None	None	A36 Gr.36	Typical
362	M362	N389A	N391			RIGID	None	None	RIGID	Typical
363	M363	N388	N390			RIGID	None	None	RIGID	Typical
364	M364	N393	N392			GPS Mount pipe	None	None	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	M99						Yes	** NA **			None
2	M100						Yes	** NA **			None
3	M101						Yes	** NA **			None
4	M102						Yes	** NA **			None
5	M103						Yes	** NA **			None
6	M104						Yes	** NA **			None
7	M105						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...
8	M106						Yes	** NA **			None
9	M108						Yes	** NA **			None
10	M109						Yes	** NA **			None
11	M110						Yes	** NA **			None
12	M111						Yes	** NA **			None
13	M112						Yes	** NA **			None
14	M113						Yes	** NA **			None
15	M114						Yes	** NA **			None
16	M115						Yes	** NA **			None
17	M116		OOOXOO				Yes	** NA **			None
18	M117						Yes	** NA **			None
19	M118		OOOXOO				Yes	** NA **			None
20	M119						Yes	** NA **			None
21	M122						Yes	** NA **			None
22	M123						Yes	** NA **			None
23	M124						Yes	** NA **			None
24	M125						Yes	** NA **			None
25	M126						Yes	** NA **			None
26	M127						Yes	** NA **			None
27	M128						Yes	** NA **			None
28	M129						Yes	** NA **			None
29	M130						Yes	** NA **			None
30	M131						Yes	** NA **			None
31	M132						Yes	** NA **			None
32	M133						Yes	** NA **			None
33	M134						Yes	** NA **			None
34	M136A		OOOXOO				Yes	** NA **			None
35	M137A						Yes	** NA **			None
36	M138A		OOOXOO				Yes	** NA **			None
37	M139A						Yes	** NA **			None
38	M177						Yes	** NA **			None
39	M269A						Yes	** NA **			None
40	M270A						Yes	** NA **			None
41	M272A						Yes	** NA **			None
42	M273A						Yes	** NA **			None
43	M274A						Yes	** NA **			None
44	M275A						Yes	** NA **			None
45	M276A						Yes	** NA **			None
46	M277A						Yes	** NA **			None
47	M278A						Yes	** NA **			None
48	M279A						Yes	** NA **			None
49	M280A						Yes	** NA **			None
50	M281A						Yes	** NA **			None
51	M282A						Yes	** NA **			None
52	M283A						Yes	** NA **			None
53	M285A						Yes	** NA **			None
54	M286A						Yes	** NA **			None
55	M287A						Yes	** NA **			None
56	M289A						Yes	** NA **			None
57	M290A						Yes	** NA **			None
58	M292A						Yes	** NA **			None
59	M293A						Yes	** NA **			None
60	M295A						Yes	** NA **			None
61	M296A						Yes	** NA **			None
62	M298A						Yes	** NA **			None
63	M299A						Yes	** NA **			None
64	M300A						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...
65	M301A						Yes	** NA **			None
66	M302A						Yes	** NA **			None
67	M305A						Yes	** NA **			None
68	M306A						Yes	** NA **			None
69	M307						Yes	** NA **			None
70	M308						Yes	** NA **			None
71	M309						Yes	** NA **			None
72	M310						Yes	** NA **			None
73	M311						Yes	** NA **			None
74	M312						Yes	** NA **			None
75	M313						Yes	** NA **			None
76	M314						Yes	** NA **			None
77	M315						Yes	** NA **			None
78	M316						Yes	** NA **			None
79	M317						Yes	** NA **			None
80	M318						Yes	** NA **			None
81	M319						Yes	** NA **			None
82	M320						Yes	** NA **			None
83	M321						Yes	** NA **			None
84	M322						Yes	** NA **			None
85	M323A						Yes	** NA **			None
86	M324A						Yes	** NA **			None
87	M325A						Yes	** NA **			None
88	M326A						Yes	** NA **			None
89	M327A						Yes	** NA **			None
90	M328A						Yes	** NA **			None
91	M329A						Yes	** NA **			None
92	M330A						Yes	** NA **			None
93	M331A						Yes	** NA **			None
94	M332B						Yes	** NA **			None
95	M333A						Yes	** NA **			None
96	M334A						Yes	** NA **			None
97	M335A						Yes	** NA **			None
98	M336						Yes	** NA **			None
99	M337						Yes	** NA **			None
100	M338						Yes	** NA **			None
101	M339						Yes	** NA **			None
102	M344						Yes	** NA **			None
103	M345						Yes	** NA **			None
104	M367					Compres...	Yes	** NA **			None
105	M336B						Yes	** NA **			None
106	MP1A						Yes	** NA **			None
107	M338B						Yes	** NA **			None
108	MP2A						Yes	** NA **			None
109	M340A						Yes	** NA **			None
110	MP3A						Yes	** NA **			None
111	M342A						Yes	** NA **			None
112	MP4A						Yes	** NA **			None
113	M344A						Yes	** NA **			None
114	M345A						Yes	** NA **			None
115	M346						Yes	** NA **			None
116	M347						Yes	** NA **			None
117	M348						Yes	** NA **			None
118	M118A						Yes	** NA **			None
119	M119A						Yes	** NA **			None
120	M120						Yes	** NA **			None
121	M121						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...
122	M122A						Yes	** NA **			None
123	M123A						Yes	** NA **			None
124	M124A						Yes	** NA **			None
125	M125A						Yes	** NA **			None
126	M126A						Yes	** NA **			None
127	M127A						Yes	** NA **			None
128	M128A						Yes	** NA **			None
129	M129A						Yes	** NA **			None
130	M130A						Yes	** NA **			None
131	M131A						Yes	** NA **			None
132	M132A						Yes	** NA **			None
133	M133A						Yes	** NA **			None
134	M134A		OOOXOO				Yes	** NA **			None
135	M135						Yes	** NA **			None
136	M136		OOOXOO				Yes	** NA **			None
137	M137						Yes	** NA **			None
138	M138						Yes	** NA **			None
139	M139						Yes	** NA **			None
140	M140						Yes	** NA **			None
141	M141						Yes	** NA **			None
142	M142						Yes	** NA **			None
143	M143						Yes	** NA **			None
144	M144						Yes	** NA **			None
145	M145						Yes	** NA **			None
146	M146						Yes	** NA **			None
147	M147						Yes	** NA **			None
148	M148						Yes	** NA **			None
149	M149						Yes	** NA **			None
150	M150						Yes	** NA **			None
151	M151		OOOXOO				Yes	** NA **			None
152	M152						Yes	** NA **			None
153	M153		OOOXOO				Yes	** NA **			None
154	M154						Yes	** NA **			None
155	M155						Yes	** NA **			None
156	M156						Yes	** NA **			None
157	M157						Yes	** NA **			None
158	M158						Yes	** NA **			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	M169						Yes	** NA **			None
170	M170						Yes	** NA **			None
171	M171						Yes	** NA **			None
172	M172						Yes	** NA **			None
173	M173						Yes	** NA **			None
174	M174						Yes	** NA **			None
175	M175						Yes	** NA **			None
176	M176						Yes	** NA **			None
177	M177A						Yes	** NA **			None
178	M178						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...
179	M179						Yes	** NA **			None
180	M180						Yes	** NA **			None
181	M181						Yes	** NA **			None
182	M182						Yes	** NA **			None
183	M183						Yes	** NA **			None
184	M184						Yes	** NA **			None
185	M185						Yes	** NA **			None
186	M186						Yes	** NA **			None
187	M187						Yes	** NA **			None
188	M188						Yes	** NA **			None
189	M189						Yes	** NA **			None
190	M190						Yes	** NA **			None
191	M191						Yes	** NA **			None
192	M192						Yes	** NA **			None
193	M193						Yes	** NA **			None
194	M194						Yes	** NA **			None
195	M195						Yes	** NA **			None
196	M196						Yes	** NA **			None
197	M197						Yes	** NA **			None
198	M198						Yes	** NA **			None
199	M199						Yes	** NA **			None
200	M200						Yes	** NA **			None
201	M201						Yes	** NA **			None
202	M202						Yes	** NA **			None
203	M203						Yes	** NA **			None
204	M204						Yes	** NA **			None
205	M205						Yes	** NA **			None
206	M206						Yes	** NA **			None
207	M207						Yes	** NA **			None
208	M208						Yes	** NA **			None
209	M209						Yes	** NA **			None
210	M210						Yes	** NA **			None
211	M211						Yes	** NA **			None
212	M212						Yes	** NA **			None
213	M213						Yes	** NA **			None
214	M214						Yes	** NA **			None
215	M215						Yes	** NA **			None
216	M216						Yes	** NA **			None
217	M217						Yes	** NA **			None
218	M218						Yes	** NA **			None
219	M219						Yes	** NA **			None
220	M220					Compres...	Yes	** NA **			None
221	M221						Yes	** NA **			None
222	M222						Yes	** NA **			None
223	M223						Yes	** NA **			None
224	M224						Yes	** NA **			None
225	M225						Yes	** NA **			None
226	M226						Yes	** NA **			None
227	M227						Yes	** NA **			None
228	M228						Yes	** NA **			None
229	M229						Yes	** NA **			None
230	M230						Yes	** NA **			None
231	M231						Yes	** NA **			None
232	M232						Yes	** NA **			None
233	M233						Yes	** NA **			None
234	M234						Yes	** NA **			None
235	M235						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...
236	M236						Yes	** NA **			None
237	M237		OOOXOO				Yes	** NA **			None
238	M238						Yes	** NA **			None
239	M239		OOOXOO				Yes	** NA **			None
240	M240						Yes	** NA **			None
241	M241						Yes	** NA **			None
242	M242						Yes	** NA **			None
243	M243						Yes	** NA **			None
244	M244						Yes	** NA **			None
245	M245						Yes	** NA **			None
246	M246						Yes	** NA **			None
247	M247						Yes	** NA **			None
248	M248						Yes	** NA **			None
249	M249						Yes	** NA **			None
250	M250						Yes	** NA **			None
251	M251						Yes	** NA **			None
252	M252						Yes	** NA **			None
253	M253						Yes	** NA **			None
254	M254		OOOXOO				Yes	** NA **			None
255	M255						Yes	** NA **			None
256	M256		OOOXOO				Yes	** NA **			None
257	M257						Yes	** NA **			None
258	M258						Yes	** NA **			None
259	M259						Yes	** NA **			None
260	M260						Yes	** NA **			None
261	M261						Yes	** NA **			None
262	M262						Yes	** NA **			None
263	M263						Yes	** NA **			None
264	M264						Yes	** NA **			None
265	M265						Yes	** NA **			None
266	M266						Yes	** NA **			None
267	M267						Yes	** NA **			None
268	M268						Yes	** NA **			None
269	M269						Yes	** NA **			None
270	M270						Yes	** NA **			None
271	M271						Yes	** NA **			None
272	M272						Yes	** NA **			None
273	M273						Yes	** NA **			None
274	M274						Yes	** NA **			None
275	M275						Yes	** NA **			None
276	M276						Yes	** NA **			None
277	M277						Yes	** NA **			None
278	M278						Yes	** NA **			None
279	M279						Yes	** NA **			None
280	M280						Yes	** NA **			None
281	M281						Yes	** NA **			None
282	M282						Yes	** NA **			None
283	M283						Yes	** NA **			None
284	M284						Yes	** NA **			None
285	M285						Yes	** NA **			None
286	M286						Yes	** NA **			None
287	M287						Yes	** NA **			None
288	M288						Yes	** NA **			None
289	M289						Yes	** NA **			None
290	M290						Yes	** NA **			None
291	M291						Yes	** NA **			None
292	M292						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...
293	M293						Yes	** NA **			None
294	M294						Yes	** NA **			None
295	M295						Yes	** NA **			None
296	M296						Yes	** NA **			None
297	M297						Yes	** NA **			None
298	M298						Yes	** NA **			None
299	M299						Yes	** NA **			None
300	M300						Yes	** NA **			None
301	M301						Yes	** NA **			None
302	M302						Yes	** NA **			None
303	M303						Yes	** NA **			None
304	M304						Yes	** NA **			None
305	M305						Yes	** NA **			None
306	M306						Yes	** NA **			None
307	M307A						Yes	** NA **			None
308	M308A						Yes	** NA **			None
309	M309A						Yes	** NA **			None
310	M310A						Yes	** NA **			None
311	M311A						Yes	** NA **			None
312	M312A						Yes	** NA **			None
313	M313A						Yes	** NA **			None
314	M314A						Yes	** NA **			None
315	M315A						Yes	** NA **			None
316	M316A						Yes	** NA **			None
317	M317A						Yes	** NA **			None
318	M318A						Yes	** NA **			None
319	M319A						Yes	** NA **			None
320	M320A						Yes	** NA **			None
321	M321A						Yes	** NA **			None
322	M322A						Yes	** NA **			None
323	M323					Compres...	Yes	** NA **			None
324	M324	BenPIN					Yes	** NA **			None
325	M325	BenPIN					Yes	** NA **			None
326	M327						Yes	** NA **			None
327	M328						Yes	** NA **			None
328	MP1C						Yes	** NA **			None
329	M330						Yes	** NA **			None
330	MP2C						Yes	** NA **			None
331	M332						Yes	** NA **			None
332	MP3C						Yes	** NA **			None
333	M334						Yes	** NA **			None
334	MP4C						Yes	** NA **			None
335	M336A						Yes	** NA **			None
336	M337A						Yes	** NA **			None
337	M338A						Yes	** NA **			None
338	M339A						Yes	** NA **			None
339	M340						Yes	** NA **			None
340	M342						Yes	** NA **			None
341	M343A						Yes	** NA **			None
342	MP1B						Yes	** NA **			None
343	M345B						Yes	** NA **			None
344	MP2B						Yes	** NA **			None
345	M347A						Yes	** NA **			None
346	MP3B						Yes	** NA **			None
347	M349						Yes	** NA **			None
348	MP4B						Yes	** NA **			None
349	M351						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...
350	M352						Yes	** NA **			None
351	M353						Yes	** NA **			None
352	M354						Yes	** NA **			None
353	M355						Yes	** NA **			None
354	M356						Yes	** NA **			None
355	M355A	BenPIN					Yes	** NA **			None
356	M356A	BenPIN					Yes	** NA **			None
357	M357	BenPIN					Yes	** NA **			None
358	M358	BenPIN					Yes	** NA **			None
359	M359						Yes	** NA **			None
360	M360						Yes	** NA **			None
361	M361						Yes	** NA **			None
362	M362						Yes	** NA **			None
363	M363						Yes	** NA **			None
364	M364						Yes	** NA **			None

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4A	Y	-4.95	1.25
2	MP4A	My	-.004	1.25
3	MP4A	Mz	0	1.25
4	MP4A	Y	-4.95	4.75
5	MP4A	My	-.004	4.75
6	MP4A	Mz	0	4.75
7	MP4B	Y	-4.95	1.25
8	MP4B	My	.002	1.25
9	MP4B	Mz	-.003	1.25
10	MP4B	Y	-4.95	4.75
11	MP4B	My	.002	4.75
12	MP4B	Mz	-.003	4.75
13	MP4C	Y	-4.95	1.25
14	MP4C	My	.002	1.25
15	MP4C	Mz	.003	1.25
16	MP4C	Y	-4.95	4.75
17	MP4C	My	.002	4.75
18	MP4C	Mz	.003	4.75
19	MP3A	Y	-20	1.25
20	MP3A	My	-.017	1.25
21	MP3A	Mz	.013	1.25
22	MP3A	Y	-20	4.75
23	MP3A	My	-.017	4.75
24	MP3A	Mz	.013	4.75
25	MP3B	Y	-20	1.25
26	MP3B	My	-.003	1.25
27	MP3B	Mz	-.021	1.25
28	MP3B	Y	-20	4.75
29	MP3B	My	-.003	4.75
30	MP3B	Mz	-.021	4.75
31	MP3C	Y	-20	1.25
32	MP3C	My	.02	1.25
33	MP3C	Mz	.008	1.25
34	MP3C	Y	-20	4.75
35	MP3C	My	.02	4.75
36	MP3C	Mz	.008	4.75
37	MP3A	Y	-20	1.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
38	MP3A	My	-.017	1.25
39	MP3A	Mz	-.013	1.25
40	MP3A	Y	-20	4.75
41	MP3A	My	-.017	4.75
42	MP3A	Mz	-.013	4.75
43	MP3B	Y	-20	1.25
44	MP3B	My	.02	1.25
45	MP3B	Mz	-.008	1.25
46	MP3B	Y	-20	4.75
47	MP3B	My	.02	4.75
48	MP3B	Mz	-.008	4.75
49	MP3C	Y	-20	1.25
50	MP3C	My	-.003	1.25
51	MP3C	Mz	.021	1.25
52	MP3C	Y	-20	4.75
53	MP3C	My	-.003	4.75
54	MP3C	Mz	.021	4.75
55	MP1A	Y	-43.55	.5
56	MP1A	My	-.022	.5
57	MP1A	Mz	0	.5
58	MP1A	Y	-43.55	2.5
59	MP1A	My	-.022	2.5
60	MP1A	Mz	0	2.5
61	MP1B	Y	-43.55	.5
62	MP1B	My	.011	.5
63	MP1B	Mz	-.019	.5
64	MP1B	Y	-43.55	2.5
65	MP1B	My	.011	2.5
66	MP1B	Mz	-.019	2.5
67	MP1C	Y	-43.55	.5
68	MP1C	My	.011	.5
69	MP1C	Mz	.019	.5
70	MP1C	Y	-43.55	2.5
71	MP1C	My	.011	2.5
72	MP1C	Mz	.019	2.5
73	MP1A	Y	-18.7	6.48
74	MP1A	My	-.009	6.48
75	MP1A	Mz	0	6.48
76	MP1B	Y	-18.7	6.48
77	MP1B	My	.005	6.48
78	MP1B	Mz	-.008	6.48
79	MP1C	Y	-18.7	6.48
80	MP1C	My	.005	6.48
81	MP1C	Mz	.008	6.48
82	MP3A	Y	-84.4	3.75
83	MP3A	My	.042	3.75
84	MP3A	Mz	0	3.75
85	MP3B	Y	-84.4	3.75
86	MP3B	My	-.021	3.75
87	MP3B	Mz	.037	3.75
88	MP3C	Y	-84.4	3.75
89	MP3C	My	-.021	3.75
90	MP3C	Mz	-.037	3.75
91	MP1A	Y	-70.3	3.75
92	MP1A	My	.035	3.75
93	MP1A	Mz	0	3.75
94	MP1B	Y	-70.3	3.75





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
95	MP1B	My	-.018	3.75
96	MP1B	Mz	.03	3.75
97	MP1C	Y	-70.3	3.75
98	MP1C	My	-.018	3.75
99	MP1C	Mz	-.03	3.75
100	M356	Y	-32	.5
101	M356	My	0	.5
102	M356	Mz	0	.5
103	M364	Y	-1.3	.25
104	M364	My	0	.25
105	M364	Mz	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	Y	-54.741	1.25
2	MP4A	My	-.043	1.25
3	MP4A	Mz	0	1.25
4	MP4A	Y	-54.741	4.75
5	MP4A	My	-.043	4.75
6	MP4A	Mz	0	4.75
7	MP4B	Y	-54.741	1.25
8	MP4B	My	.022	1.25
9	MP4B	Mz	-.038	1.25
10	MP4B	Y	-54.741	4.75
11	MP4B	My	.022	4.75
12	MP4B	Mz	-.038	4.75
13	MP4C	Y	-54.741	1.25
14	MP4C	My	.022	1.25
15	MP4C	Mz	.038	1.25
16	MP4C	Y	-54.741	4.75
17	MP4C	My	.022	4.75
18	MP4C	Mz	.038	4.75
19	MP3A	Y	-93.894	1.25
20	MP3A	My	-.078	1.25
21	MP3A	Mz	.063	1.25
22	MP3A	Y	-93.894	4.75
23	MP3A	My	-.078	4.75
24	MP3A	Mz	.063	4.75
25	MP3B	Y	-93.894	1.25
26	MP3B	My	-.015	1.25
27	MP3B	Mz	-.099	1.25
28	MP3B	Y	-93.894	4.75
29	MP3B	My	-.015	4.75
30	MP3B	Mz	-.099	4.75
31	MP3C	Y	-93.894	1.25
32	MP3C	My	.093	1.25
33	MP3C	Mz	.036	1.25
34	MP3C	Y	-93.894	4.75
35	MP3C	My	.093	4.75
36	MP3C	Mz	.036	4.75
37	MP3A	Y	-93.894	1.25
38	MP3A	My	-.078	1.25
39	MP3A	Mz	-.063	1.25
40	MP3A	Y	-93.894	4.75
41	MP3A	My	-.078	4.75
42	MP3A	Mz	-.063	4.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
43	MP3B	Y	-93.894	1.25
44	MP3B	My	.093	1.25
45	MP3B	Mz	-.036	1.25
46	MP3B	Y	-93.894	4.75
47	MP3B	My	.093	4.75
48	MP3B	Mz	-.036	4.75
49	MP3C	Y	-93.894	1.25
50	MP3C	My	-.015	1.25
51	MP3C	Mz	.099	1.25
52	MP3C	Y	-93.894	4.75
53	MP3C	My	-.015	4.75
54	MP3C	Mz	.099	4.75
55	MP1A	Y	-54.988	.5
56	MP1A	My	-.027	.5
57	MP1A	Mz	0	.5
58	MP1A	Y	-54.988	2.5
59	MP1A	My	-.027	2.5
60	MP1A	Mz	0	2.5
61	MP1B	Y	-54.988	.5
62	MP1B	My	.014	.5
63	MP1B	Mz	-.024	.5
64	MP1B	Y	-54.988	2.5
65	MP1B	My	.014	2.5
66	MP1B	Mz	-.024	2.5
67	MP1C	Y	-54.988	.5
68	MP1C	My	.014	.5
69	MP1C	Mz	.024	.5
70	MP1C	Y	-54.988	2.5
71	MP1C	My	.014	2.5
72	MP1C	Mz	.024	2.5
73	MP1A	Y	-32.762	6.48
74	MP1A	My	-.016	6.48
75	MP1A	Mz	0	6.48
76	MP1B	Y	-32.762	6.48
77	MP1B	My	.008	6.48
78	MP1B	Mz	-.014	6.48
79	MP1C	Y	-32.762	6.48
80	MP1C	My	.008	6.48
81	MP1C	Mz	.014	6.48
82	MP3A	Y	-69.85	3.75
83	MP3A	My	.035	3.75
84	MP3A	Mz	0	3.75
85	MP3B	Y	-69.85	3.75
86	MP3B	My	-.017	3.75
87	MP3B	Mz	.03	3.75
88	MP3C	Y	-69.85	3.75
89	MP3C	My	-.017	3.75
90	MP3C	Mz	-.03	3.75
91	MP1A	Y	-63.049	3.75
92	MP1A	My	.032	3.75
93	MP1A	Mz	0	3.75
94	MP1B	Y	-63.049	3.75
95	MP1B	My	-.016	3.75
96	MP1B	Mz	.027	3.75
97	MP1C	Y	-63.049	3.75
98	MP1C	My	-.016	3.75
99	MP1C	Mz	-.027	3.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
100	M356	Y	-116.729	.5
101	M356	My	0	.5
102	M356	Mz	0	.5
103	M364	Y	-2.468	.25
104	M364	My	0	.25
105	M364	Mz	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4A	X	0	1.25
2	MP4A	Z	-92.648	1.25
3	MP4A	Mx	0	1.25
4	MP4A	X	0	4.75
5	MP4A	Z	-92.648	4.75
6	MP4A	Mx	0	4.75
7	MP4B	X	0	1.25
8	MP4B	Z	-59.086	1.25
9	MP4B	Mx	.041	1.25
10	MP4B	X	0	4.75
11	MP4B	Z	-59.086	4.75
12	MP4B	Mx	.041	4.75
13	MP4C	X	0	1.25
14	MP4C	Z	-59.086	1.25
15	MP4C	Mx	-.041	1.25
16	MP4C	X	0	4.75
17	MP4C	Z	-59.086	4.75
18	MP4C	Mx	-.041	4.75
19	MP3A	X	0	1.25
20	MP3A	Z	-160.171	1.25
21	MP3A	Mx	-.107	1.25
22	MP3A	X	0	4.75
23	MP3A	Z	-160.171	4.75
24	MP3A	Mx	-.107	4.75
25	MP3B	X	0	1.25
26	MP3B	Z	-119.484	1.25
27	MP3B	Mx	.126	1.25
28	MP3B	X	0	4.75
29	MP3B	Z	-119.484	4.75
30	MP3B	Mx	.126	4.75
31	MP3C	X	0	1.25
32	MP3C	Z	-119.484	1.25
33	MP3C	Mx	-.046	1.25
34	MP3C	X	0	4.75
35	MP3C	Z	-119.484	4.75
36	MP3C	Mx	-.046	4.75
37	MP3A	X	0	1.25
38	MP3A	Z	-160.171	1.25
39	MP3A	Mx	.107	1.25
40	MP3A	X	0	4.75
41	MP3A	Z	-160.171	4.75
42	MP3A	Mx	.107	4.75
43	MP3B	X	0	1.25
44	MP3B	Z	-119.484	1.25
45	MP3B	Mx	.046	1.25
46	MP3B	X	0	4.75
47	MP3B	Z	-119.484	4.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
48	MP3B	Mx	.046	4.75
49	MP3C	X	0	1.25
50	MP3C	Z	-119.484	1.25
51	MP3C	Mx	-.126	1.25
52	MP3C	X	0	4.75
53	MP3C	Z	-119.484	4.75
54	MP3C	Mx	-.126	4.75
55	MP1A	X	0	.5
56	MP1A	Z	-92.255	.5
57	MP1A	Mx	0	.5
58	MP1A	X	0	2.5
59	MP1A	Z	-92.255	2.5
60	MP1A	Mx	0	2.5
61	MP1B	X	0	.5
62	MP1B	Z	-50.152	.5
63	MP1B	Mx	.022	.5
64	MP1B	X	0	2.5
65	MP1B	Z	-50.152	2.5
66	MP1B	Mx	.022	2.5
67	MP1C	X	0	.5
68	MP1C	Z	-50.152	.5
69	MP1C	Mx	-.022	.5
70	MP1C	X	0	2.5
71	MP1C	Z	-50.152	2.5
72	MP1C	Mx	-.022	2.5
73	MP1A	X	0	6.48
74	MP1A	Z	-34.939	6.48
75	MP1A	Mx	0	6.48
76	MP1B	X	0	6.48
77	MP1B	Z	-25.333	6.48
78	MP1B	Mx	.011	6.48
79	MP1C	X	0	6.48
80	MP1C	Z	-25.333	6.48
81	MP1C	Mx	-.011	6.48
82	MP3A	X	0	3.75
83	MP3A	Z	-73.412	3.75
84	MP3A	Mx	0	3.75
85	MP3B	X	0	3.75
86	MP3B	Z	-55.157	3.75
87	MP3B	Mx	-.024	3.75
88	MP3C	X	0	3.75
89	MP3C	Z	-55.157	3.75
90	MP3C	Mx	.024	3.75
91	MP1A	X	0	3.75
92	MP1A	Z	-73.412	3.75
93	MP1A	Mx	0	3.75
94	MP1B	X	0	3.75
95	MP1B	Z	-48.164	3.75
96	MP1B	Mx	-.021	3.75
97	MP1C	X	0	3.75
98	MP1C	Z	-48.164	3.75
99	MP1C	Mx	.021	3.75
100	M356	X	0	.5
101	M356	Z	-136.211	.5
102	M356	Mx	0	.5
103	M364	X	0	.25
104	M364	Z	-2.675	.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	40.73	1.25
2	MP4A	Z	-70.547	1.25
3	MP4A	Mx	-.032	1.25
4	MP4A	X	40.73	4.75
5	MP4A	Z	-70.547	4.75
6	MP4A	Mx	-.032	4.75
7	MP4B	X	23.949	1.25
8	MP4B	Z	-41.481	1.25
9	MP4B	Mx	.038	1.25
10	MP4B	X	23.949	4.75
11	MP4B	Z	-41.481	4.75
12	MP4B	Mx	.038	4.75
13	MP4C	X	40.73	1.25
14	MP4C	Z	-70.547	1.25
15	MP4C	Mx	-.032	1.25
16	MP4C	X	40.73	4.75
17	MP4C	Z	-70.547	4.75
18	MP4C	Mx	-.032	4.75
19	MP3A	X	73.304	1.25
20	MP3A	Z	-126.967	1.25
21	MP3A	Mx	-.146	1.25
22	MP3A	X	73.304	4.75
23	MP3A	Z	-126.967	4.75
24	MP3A	Mx	-.146	4.75
25	MP3B	X	52.961	1.25
26	MP3B	Z	-91.731	1.25
27	MP3B	Mx	.088	1.25
28	MP3B	X	52.961	4.75
29	MP3B	Z	-91.731	4.75
30	MP3B	Mx	.088	4.75
31	MP3C	X	73.304	1.25
32	MP3C	Z	-126.967	1.25
33	MP3C	Mx	.024	1.25
34	MP3C	X	73.304	4.75
35	MP3C	Z	-126.967	4.75
36	MP3C	Mx	.024	4.75
37	MP3A	X	73.304	1.25
38	MP3A	Z	-126.967	1.25
39	MP3A	Mx	.024	1.25
40	MP3A	X	73.304	4.75
41	MP3A	Z	-126.967	4.75
42	MP3A	Mx	.024	4.75
43	MP3B	X	52.961	1.25
44	MP3B	Z	-91.731	1.25
45	MP3B	Mx	.088	1.25
46	MP3B	X	52.961	4.75
47	MP3B	Z	-91.731	4.75
48	MP3B	Mx	.088	4.75
49	MP3C	X	73.304	1.25
50	MP3C	Z	-126.967	1.25
51	MP3C	Mx	-.146	1.25
52	MP3C	X	73.304	4.75



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP3C	Z	-126.967	4.75
54	MP3C	Mx	-.146	4.75
55	MP1A	X	39.11	.5
56	MP1A	Z	-67.741	.5
57	MP1A	Mx	-.02	.5
58	MP1A	X	39.11	2.5
59	MP1A	Z	-67.741	2.5
60	MP1A	Mx	-.02	2.5
61	MP1B	X	18.059	.5
62	MP1B	Z	-31.279	.5
63	MP1B	Mx	.018	.5
64	MP1B	X	18.059	2.5
65	MP1B	Z	-31.279	2.5
66	MP1B	Mx	.018	2.5
67	MP1C	X	39.11	.5
68	MP1C	Z	-67.741	.5
69	MP1C	Mx	-.02	.5
70	MP1C	X	39.11	2.5
71	MP1C	Z	-67.741	2.5
72	MP1C	Mx	-.02	2.5
73	MP1A	X	15.869	6.48
74	MP1A	Z	-27.485	6.48
75	MP1A	Mx	-.008	6.48
76	MP1B	X	11.066	6.48
77	MP1B	Z	-19.166	6.48
78	MP1B	Mx	.011	6.48
79	MP1C	X	15.869	6.48
80	MP1C	Z	-27.485	6.48
81	MP1C	Mx	-.008	6.48
82	MP3A	X	33.663	3.75
83	MP3A	Z	-58.307	3.75
84	MP3A	Mx	.017	3.75
85	MP3B	X	24.536	3.75
86	MP3B	Z	-42.497	3.75
87	MP3B	Mx	-.025	3.75
88	MP3C	X	33.663	3.75
89	MP3C	Z	-58.307	3.75
90	MP3C	Mx	.017	3.75
91	MP1A	X	32.498	3.75
92	MP1A	Z	-56.288	3.75
93	MP1A	Mx	.016	3.75
94	MP1B	X	19.874	3.75
95	MP1B	Z	-34.423	3.75
96	MP1B	Mx	-.02	3.75
97	MP1C	X	32.498	3.75
98	MP1C	Z	-56.288	3.75
99	MP1C	Mx	.016	3.75
100	M356	X	55.53	.5
101	M356	Z	-96.181	.5
102	M356	Mx	0	.5
103	M364	X	1.656	.25
104	M364	Z	-2.869	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
--	--------------	-----------	--------------------	----------------



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	51.17	1.25
2	MP4A	Z	-29.543	1.25
3	MP4A	Mx	-.041	1.25
4	MP4A	X	51.17	4.75
5	MP4A	Z	-29.543	4.75
6	MP4A	Mx	-.041	4.75
7	MP4B	X	51.17	1.25
8	MP4B	Z	-29.543	1.25
9	MP4B	Mx	.041	1.25
10	MP4B	X	51.17	4.75
11	MP4B	Z	-29.543	4.75
12	MP4B	Mx	.041	4.75
13	MP4C	X	80.235	1.25
14	MP4C	Z	-46.324	1.25
15	MP4C	Mx	0	1.25
16	MP4C	X	80.235	4.75
17	MP4C	Z	-46.324	4.75
18	MP4C	Mx	0	4.75
19	MP3A	X	103.476	1.25
20	MP3A	Z	-59.742	1.25
21	MP3A	Mx	-.126	1.25
22	MP3A	X	103.476	4.75
23	MP3A	Z	-59.742	4.75
24	MP3A	Mx	-.126	4.75
25	MP3B	X	103.476	1.25
26	MP3B	Z	-59.742	1.25
27	MP3B	Mx	.046	1.25
28	MP3B	X	103.476	4.75
29	MP3B	Z	-59.742	4.75
30	MP3B	Mx	.046	4.75
31	MP3C	X	138.712	1.25
32	MP3C	Z	-80.085	1.25
33	MP3C	Mx	.107	1.25
34	MP3C	X	138.712	4.75
35	MP3C	Z	-80.085	4.75
36	MP3C	Mx	.107	4.75
37	MP3A	X	103.476	1.25
38	MP3A	Z	-59.742	1.25
39	MP3A	Mx	-.046	1.25
40	MP3A	X	103.476	4.75
41	MP3A	Z	-59.742	4.75
42	MP3A	Mx	-.046	4.75
43	MP3B	X	103.476	1.25
44	MP3B	Z	-59.742	1.25
45	MP3B	Mx	.126	1.25
46	MP3B	X	103.476	4.75
47	MP3B	Z	-59.742	4.75
48	MP3B	Mx	.126	4.75
49	MP3C	X	138.712	1.25
50	MP3C	Z	-80.085	1.25
51	MP3C	Mx	-.107	1.25
52	MP3C	X	138.712	4.75
53	MP3C	Z	-80.085	4.75
54	MP3C	Mx	-.107	4.75
55	MP1A	X	43.433	.5
56	MP1A	Z	-25.076	.5
57	MP1A	Mx	-.022	.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP1A	X	43.433	2.5
59	MP1A	Z	-25.076	2.5
60	MP1A	Mx	-.022	2.5
61	MP1B	X	43.433	.5
62	MP1B	Z	-25.076	.5
63	MP1B	Mx	.022	.5
64	MP1B	X	43.433	2.5
65	MP1B	Z	-25.076	2.5
66	MP1B	Mx	.022	2.5
67	MP1C	X	79.895	.5
68	MP1C	Z	-46.128	.5
69	MP1C	Mx	0	.5
70	MP1C	X	79.895	2.5
71	MP1C	Z	-46.128	2.5
72	MP1C	Mx	0	2.5
73	MP1A	X	21.939	6.48
74	MP1A	Z	-12.667	6.48
75	MP1A	Mx	-.011	6.48
76	MP1B	X	21.939	6.48
77	MP1B	Z	-12.667	6.48
78	MP1B	Mx	.011	6.48
79	MP1C	X	30.258	6.48
80	MP1C	Z	-17.47	6.48
81	MP1C	Mx	0	6.48
82	MP3A	X	47.767	3.75
83	MP3A	Z	-27.578	3.75
84	MP3A	Mx	.024	3.75
85	MP3B	X	47.767	3.75
86	MP3B	Z	-27.578	3.75
87	MP3B	Mx	-.024	3.75
88	MP3C	X	63.576	3.75
89	MP3C	Z	-36.706	3.75
90	MP3C	Mx	0	3.75
91	MP1A	X	41.711	3.75
92	MP1A	Z	-24.082	3.75
93	MP1A	Mx	.021	3.75
94	MP1B	X	41.711	3.75
95	MP1B	Z	-24.082	3.75
96	MP1B	Mx	-.021	3.75
97	MP1C	X	63.576	3.75
98	MP1C	Z	-36.706	3.75
99	MP1C	Mx	0	3.75
100	M356	X	85.29	.5
101	M356	Z	-49.242	.5
102	M356	Mx	0	.5
103	M364	X	3.145	.25
104	M364	Z	-1.816	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4A	X	47.899	1.25
2	MP4A	Z	0	1.25
3	MP4A	Mx	-.038	1.25
4	MP4A	X	47.899	4.75
5	MP4A	Z	0	4.75





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
6	MP4A	Mx	-.038	4.75
7	MP4B	X	81.46	1.25
8	MP4B	Z	0	1.25
9	MP4B	Mx	.032	1.25
10	MP4B	X	81.46	4.75
11	MP4B	Z	0	4.75
12	MP4B	Mx	.032	4.75
13	MP4C	X	81.46	1.25
14	MP4C	Z	0	1.25
15	MP4C	Mx	.032	1.25
16	MP4C	X	81.46	4.75
17	MP4C	Z	0	4.75
18	MP4C	Mx	.032	4.75
19	MP3A	X	105.922	1.25
20	MP3A	Z	0	1.25
21	MP3A	Mx	-.088	1.25
22	MP3A	X	105.922	4.75
23	MP3A	Z	0	4.75
24	MP3A	Mx	-.088	4.75
25	MP3B	X	146.608	1.25
26	MP3B	Z	0	1.25
27	MP3B	Mx	-.024	1.25
28	MP3B	X	146.608	4.75
29	MP3B	Z	0	4.75
30	MP3B	Mx	-.024	4.75
31	MP3C	X	146.608	1.25
32	MP3C	Z	0	1.25
33	MP3C	Mx	.146	1.25
34	MP3C	X	146.608	4.75
35	MP3C	Z	0	4.75
36	MP3C	Mx	.146	4.75
37	MP3A	X	105.922	1.25
38	MP3A	Z	0	1.25
39	MP3A	Mx	-.088	1.25
40	MP3A	X	105.922	4.75
41	MP3A	Z	0	4.75
42	MP3A	Mx	-.088	4.75
43	MP3B	X	146.608	1.25
44	MP3B	Z	0	1.25
45	MP3B	Mx	.146	1.25
46	MP3B	X	146.608	4.75
47	MP3B	Z	0	4.75
48	MP3B	Mx	.146	4.75
49	MP3C	X	146.608	1.25
50	MP3C	Z	0	1.25
51	MP3C	Mx	-.024	1.25
52	MP3C	X	146.608	4.75
53	MP3C	Z	0	4.75
54	MP3C	Mx	-.024	4.75
55	MP1A	X	36.118	.5
56	MP1A	Z	0	.5
57	MP1A	Mx	-.018	.5
58	MP1A	X	36.118	2.5
59	MP1A	Z	0	2.5
60	MP1A	Mx	-.018	2.5
61	MP1B	X	78.221	.5
62	MP1B	Z	0	.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
63	MP1B	Mx	.02	.5
64	MP1B	X	78.221	2.5
65	MP1B	Z	0	2.5
66	MP1B	Mx	.02	2.5
67	MP1C	X	78.221	.5
68	MP1C	Z	0	.5
69	MP1C	Mx	.02	.5
70	MP1C	X	78.221	2.5
71	MP1C	Z	0	2.5
72	MP1C	Mx	.02	2.5
73	MP1A	X	22.131	6.48
74	MP1A	Z	0	6.48
75	MP1A	Mx	-.011	6.48
76	MP1B	X	31.737	6.48
77	MP1B	Z	0	6.48
78	MP1B	Mx	.008	6.48
79	MP1C	X	31.737	6.48
80	MP1C	Z	0	6.48
81	MP1C	Mx	.008	6.48
82	MP3A	X	49.072	3.75
83	MP3A	Z	0	3.75
84	MP3A	Mx	.025	3.75
85	MP3B	X	67.327	3.75
86	MP3B	Z	0	3.75
87	MP3B	Mx	-.017	3.75
88	MP3C	X	67.327	3.75
89	MP3C	Z	0	3.75
90	MP3C	Mx	-.017	3.75
91	MP1A	X	39.748	3.75
92	MP1A	Z	0	3.75
93	MP1A	Mx	.02	3.75
94	MP1B	X	64.996	3.75
95	MP1B	Z	0	3.75
96	MP1B	Mx	-.016	3.75
97	MP1C	X	64.996	3.75
98	MP1C	Z	0	3.75
99	MP1C	Mx	-.016	3.75
100	M356	X	111.06	.5
101	M356	Z	0	.5
102	M356	Mx	0	.5
103	M364	X	3.313	.25
104	M364	Z	0	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	51.17	1.25
2	MP4A	Z	29.543	1.25
3	MP4A	Mx	-.041	1.25
4	MP4A	X	51.17	4.75
5	MP4A	Z	29.543	4.75
6	MP4A	Mx	-.041	4.75
7	MP4B	X	80.235	1.25
8	MP4B	Z	46.324	1.25
9	MP4B	Mx	0	1.25
10	MP4B	X	80.235	4.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
11	MP4B	Z	46.324	4.75
12	MP4B	Mx	0	4.75
13	MP4C	X	51.17	1.25
14	MP4C	Z	29.543	1.25
15	MP4C	Mx	.041	1.25
16	MP4C	X	51.17	4.75
17	MP4C	Z	29.543	4.75
18	MP4C	Mx	.041	4.75
19	MP3A	X	103.476	1.25
20	MP3A	Z	59.742	1.25
21	MP3A	Mx	-.046	1.25
22	MP3A	X	103.476	4.75
23	MP3A	Z	59.742	4.75
24	MP3A	Mx	-.046	4.75
25	MP3B	X	138.712	1.25
26	MP3B	Z	80.085	1.25
27	MP3B	Mx	-.107	1.25
28	MP3B	X	138.712	4.75
29	MP3B	Z	80.085	4.75
30	MP3B	Mx	-.107	4.75
31	MP3C	X	103.476	1.25
32	MP3C	Z	59.742	1.25
33	MP3C	Mx	.126	1.25
34	MP3C	X	103.476	4.75
35	MP3C	Z	59.742	4.75
36	MP3C	Mx	.126	4.75
37	MP3A	X	103.476	1.25
38	MP3A	Z	59.742	1.25
39	MP3A	Mx	-.126	1.25
40	MP3A	X	103.476	4.75
41	MP3A	Z	59.742	4.75
42	MP3A	Mx	-.126	4.75
43	MP3B	X	138.712	1.25
44	MP3B	Z	80.085	1.25
45	MP3B	Mx	.107	1.25
46	MP3B	X	138.712	4.75
47	MP3B	Z	80.085	4.75
48	MP3B	Mx	.107	4.75
49	MP3C	X	103.476	1.25
50	MP3C	Z	59.742	1.25
51	MP3C	Mx	.046	1.25
52	MP3C	X	103.476	4.75
53	MP3C	Z	59.742	4.75
54	MP3C	Mx	.046	4.75
55	MP1A	X	43.433	.5
56	MP1A	Z	25.076	.5
57	MP1A	Mx	-.022	.5
58	MP1A	X	43.433	2.5
59	MP1A	Z	25.076	2.5
60	MP1A	Mx	-.022	2.5
61	MP1B	X	79.895	.5
62	MP1B	Z	46.128	.5
63	MP1B	Mx	0	.5
64	MP1B	X	79.895	2.5
65	MP1B	Z	46.128	2.5
66	MP1B	Mx	0	2.5
67	MP1C	X	43.433	.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
68	MP1C	Z	25.076	.5
69	MP1C	Mx	.022	.5
70	MP1C	X	43.433	2.5
71	MP1C	Z	25.076	2.5
72	MP1C	Mx	.022	2.5
73	MP1A	X	21.939	6.48
74	MP1A	Z	12.667	6.48
75	MP1A	Mx	-.011	6.48
76	MP1B	X	30.258	6.48
77	MP1B	Z	17.47	6.48
78	MP1B	Mx	0	6.48
79	MP1C	X	21.939	6.48
80	MP1C	Z	12.667	6.48
81	MP1C	Mx	.011	6.48
82	MP3A	X	47.767	3.75
83	MP3A	Z	27.578	3.75
84	MP3A	Mx	.024	3.75
85	MP3B	X	63.576	3.75
86	MP3B	Z	36.706	3.75
87	MP3B	Mx	0	3.75
88	MP3C	X	47.767	3.75
89	MP3C	Z	27.578	3.75
90	MP3C	Mx	-.024	3.75
91	MP1A	X	41.711	3.75
92	MP1A	Z	24.082	3.75
93	MP1A	Mx	.021	3.75
94	MP1B	X	63.576	3.75
95	MP1B	Z	36.706	3.75
96	MP1B	Mx	0	3.75
97	MP1C	X	41.711	3.75
98	MP1C	Z	24.082	3.75
99	MP1C	Mx	-.021	3.75
100	M356	X	117.962	.5
101	M356	Z	68.105	.5
102	M356	Mx	0	.5
103	M364	X	2.316	.25
104	M364	Z	1.337	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4A	X	40.73	1.25
2	MP4A	Z	70.547	1.25
3	MP4A	Mx	-.032	1.25
4	MP4A	X	40.73	4.75
5	MP4A	Z	70.547	4.75
6	MP4A	Mx	-.032	4.75
7	MP4B	X	40.73	1.25
8	MP4B	Z	70.547	1.25
9	MP4B	Mx	-.032	1.25
10	MP4B	X	40.73	4.75
11	MP4B	Z	70.547	4.75
12	MP4B	Mx	-.032	4.75
13	MP4C	X	23.949	1.25
14	MP4C	Z	41.481	1.25
15	MP4C	Mx	.038	1.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
16	MP4C	X	23.949	4.75
17	MP4C	Z	41.481	4.75
18	MP4C	Mx	.038	4.75
19	MP3A	X	73.304	1.25
20	MP3A	Z	126.967	1.25
21	MP3A	Mx	.024	1.25
22	MP3A	X	73.304	4.75
23	MP3A	Z	126.967	4.75
24	MP3A	Mx	.024	4.75
25	MP3B	X	73.304	1.25
26	MP3B	Z	126.967	1.25
27	MP3B	Mx	-.146	1.25
28	MP3B	X	73.304	4.75
29	MP3B	Z	126.967	4.75
30	MP3B	Mx	-.146	4.75
31	MP3C	X	52.961	1.25
32	MP3C	Z	91.731	1.25
33	MP3C	Mx	.088	1.25
34	MP3C	X	52.961	4.75
35	MP3C	Z	91.731	4.75
36	MP3C	Mx	.088	4.75
37	MP3A	X	73.304	1.25
38	MP3A	Z	126.967	1.25
39	MP3A	Mx	-.146	1.25
40	MP3A	X	73.304	4.75
41	MP3A	Z	126.967	4.75
42	MP3A	Mx	-.146	4.75
43	MP3B	X	73.304	1.25
44	MP3B	Z	126.967	1.25
45	MP3B	Mx	.024	1.25
46	MP3B	X	73.304	4.75
47	MP3B	Z	126.967	4.75
48	MP3B	Mx	.024	4.75
49	MP3C	X	52.961	1.25
50	MP3C	Z	91.731	1.25
51	MP3C	Mx	.088	1.25
52	MP3C	X	52.961	4.75
53	MP3C	Z	91.731	4.75
54	MP3C	Mx	.088	4.75
55	MP1A	X	39.11	.5
56	MP1A	Z	67.741	.5
57	MP1A	Mx	-.02	.5
58	MP1A	X	39.11	2.5
59	MP1A	Z	67.741	2.5
60	MP1A	Mx	-.02	2.5
61	MP1B	X	39.11	.5
62	MP1B	Z	67.741	.5
63	MP1B	Mx	-.02	.5
64	MP1B	X	39.11	2.5
65	MP1B	Z	67.741	2.5
66	MP1B	Mx	-.02	2.5
67	MP1C	X	18.059	.5
68	MP1C	Z	31.279	.5
69	MP1C	Mx	.018	.5
70	MP1C	X	18.059	2.5
71	MP1C	Z	31.279	2.5
72	MP1C	Mx	.018	2.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
73	MP1A	X	15.869	6.48
74	MP1A	Z	27.485	6.48
75	MP1A	Mx	-.008	6.48
76	MP1B	X	15.869	6.48
77	MP1B	Z	27.485	6.48
78	MP1B	Mx	-.008	6.48
79	MP1C	X	11.066	6.48
80	MP1C	Z	19.166	6.48
81	MP1C	Mx	.011	6.48
82	MP3A	X	33.663	3.75
83	MP3A	Z	58.307	3.75
84	MP3A	Mx	.017	3.75
85	MP3B	X	33.663	3.75
86	MP3B	Z	58.307	3.75
87	MP3B	Mx	.017	3.75
88	MP3C	X	24.536	3.75
89	MP3C	Z	42.497	3.75
90	MP3C	Mx	-.025	3.75
91	MP1A	X	32.498	3.75
92	MP1A	Z	56.288	3.75
93	MP1A	Mx	.016	3.75
94	MP1B	X	32.498	3.75
95	MP1B	Z	56.288	3.75
96	MP1B	Mx	.016	3.75
97	MP1C	X	19.874	3.75
98	MP1C	Z	34.423	3.75
99	MP1C	Mx	-.02	3.75
100	M356	X	74.393	.5
101	M356	Z	128.852	.5
102	M356	Mx	0	.5
103	M364	X	1.178	.25
104	M364	Z	2.04	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP4A	X	0	1.25
2	MP4A	Z	92.648	1.25
3	MP4A	Mx	0	1.25
4	MP4A	X	0	4.75
5	MP4A	Z	92.648	4.75
6	MP4A	Mx	0	4.75
7	MP4B	X	0	1.25
8	MP4B	Z	59.086	1.25
9	MP4B	Mx	-.041	1.25
10	MP4B	X	0	4.75
11	MP4B	Z	59.086	4.75
12	MP4B	Mx	-.041	4.75
13	MP4C	X	0	1.25
14	MP4C	Z	59.086	1.25
15	MP4C	Mx	.041	1.25
16	MP4C	X	0	4.75
17	MP4C	Z	59.086	4.75
18	MP4C	Mx	.041	4.75
19	MP3A	X	0	1.25
20	MP3A	Z	160.171	1.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
21	MP3A	Mx	.107	1.25
22	MP3A	X	0	4.75
23	MP3A	Z	160.171	4.75
24	MP3A	Mx	.107	4.75
25	MP3B	X	0	1.25
26	MP3B	Z	119.484	1.25
27	MP3B	Mx	-.126	1.25
28	MP3B	X	0	4.75
29	MP3B	Z	119.484	4.75
30	MP3B	Mx	-.126	4.75
31	MP3C	X	0	1.25
32	MP3C	Z	119.484	1.25
33	MP3C	Mx	.046	1.25
34	MP3C	X	0	4.75
35	MP3C	Z	119.484	4.75
36	MP3C	Mx	.046	4.75
37	MP3A	X	0	1.25
38	MP3A	Z	160.171	1.25
39	MP3A	Mx	-.107	1.25
40	MP3A	X	0	4.75
41	MP3A	Z	160.171	4.75
42	MP3A	Mx	-.107	4.75
43	MP3B	X	0	1.25
44	MP3B	Z	119.484	1.25
45	MP3B	Mx	-.046	1.25
46	MP3B	X	0	4.75
47	MP3B	Z	119.484	4.75
48	MP3B	Mx	-.046	4.75
49	MP3C	X	0	1.25
50	MP3C	Z	119.484	1.25
51	MP3C	Mx	.126	1.25
52	MP3C	X	0	4.75
53	MP3C	Z	119.484	4.75
54	MP3C	Mx	.126	4.75
55	MP1A	X	0	.5
56	MP1A	Z	92.255	.5
57	MP1A	Mx	0	.5
58	MP1A	X	0	2.5
59	MP1A	Z	92.255	2.5
60	MP1A	Mx	0	2.5
61	MP1B	X	0	.5
62	MP1B	Z	50.152	.5
63	MP1B	Mx	-.022	.5
64	MP1B	X	0	2.5
65	MP1B	Z	50.152	2.5
66	MP1B	Mx	-.022	2.5
67	MP1C	X	0	.5
68	MP1C	Z	50.152	.5
69	MP1C	Mx	.022	.5
70	MP1C	X	0	2.5
71	MP1C	Z	50.152	2.5
72	MP1C	Mx	.022	2.5
73	MP1A	X	0	6.48
74	MP1A	Z	34.939	6.48
75	MP1A	Mx	0	6.48
76	MP1B	X	0	6.48
77	MP1B	Z	25.333	6.48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
78	MP1B	Mx	-.011	6.48
79	MP1C	X	0	6.48
80	MP1C	Z	25.333	6.48
81	MP1C	Mx	.011	6.48
82	MP3A	X	0	3.75
83	MP3A	Z	73.412	3.75
84	MP3A	Mx	0	3.75
85	MP3B	X	0	3.75
86	MP3B	Z	55.157	3.75
87	MP3B	Mx	.024	3.75
88	MP3C	X	0	3.75
89	MP3C	Z	55.157	3.75
90	MP3C	Mx	-.024	3.75
91	MP1A	X	0	3.75
92	MP1A	Z	73.412	3.75
93	MP1A	Mx	0	3.75
94	MP1B	X	0	3.75
95	MP1B	Z	48.164	3.75
96	MP1B	Mx	.021	3.75
97	MP1C	X	0	3.75
98	MP1C	Z	48.164	3.75
99	MP1C	Mx	-.021	3.75
100	M356	X	0	.5
101	M356	Z	136.211	.5
102	M356	Mx	0	.5
103	M364	X	0	.25
104	M364	Z	2.675	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4A	X	-40.73	1.25
2	MP4A	Z	70.547	1.25
3	MP4A	Mx	.032	1.25
4	MP4A	X	-40.73	4.75
5	MP4A	Z	70.547	4.75
6	MP4A	Mx	.032	4.75
7	MP4B	X	-23.949	1.25
8	MP4B	Z	41.481	1.25
9	MP4B	Mx	-.038	1.25
10	MP4B	X	-23.949	4.75
11	MP4B	Z	41.481	4.75
12	MP4B	Mx	-.038	4.75
13	MP4C	X	-40.73	1.25
14	MP4C	Z	70.547	1.25
15	MP4C	Mx	.032	1.25
16	MP4C	X	-40.73	4.75
17	MP4C	Z	70.547	4.75
18	MP4C	Mx	.032	4.75
19	MP3A	X	-73.304	1.25
20	MP3A	Z	126.967	1.25
21	MP3A	Mx	.146	1.25
22	MP3A	X	-73.304	4.75
23	MP3A	Z	126.967	4.75
24	MP3A	Mx	.146	4.75
25	MP3B	X	-52.961	1.25





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
26	MP3B	Z	91.731	1.25
27	MP3B	Mx	-.088	1.25
28	MP3B	X	-52.961	4.75
29	MP3B	Z	91.731	4.75
30	MP3B	Mx	-.088	4.75
31	MP3C	X	-73.304	1.25
32	MP3C	Z	126.967	1.25
33	MP3C	Mx	-.024	1.25
34	MP3C	X	-73.304	4.75
35	MP3C	Z	126.967	4.75
36	MP3C	Mx	-.024	4.75
37	MP3A	X	-73.304	1.25
38	MP3A	Z	126.967	1.25
39	MP3A	Mx	-.024	1.25
40	MP3A	X	-73.304	4.75
41	MP3A	Z	126.967	4.75
42	MP3A	Mx	-.024	4.75
43	MP3B	X	-52.961	1.25
44	MP3B	Z	91.731	1.25
45	MP3B	Mx	-.088	1.25
46	MP3B	X	-52.961	4.75
47	MP3B	Z	91.731	4.75
48	MP3B	Mx	-.088	4.75
49	MP3C	X	-73.304	1.25
50	MP3C	Z	126.967	1.25
51	MP3C	Mx	.146	1.25
52	MP3C	X	-73.304	4.75
53	MP3C	Z	126.967	4.75
54	MP3C	Mx	.146	4.75
55	MP1A	X	-39.11	.5
56	MP1A	Z	67.741	.5
57	MP1A	Mx	.02	.5
58	MP1A	X	-39.11	2.5
59	MP1A	Z	67.741	2.5
60	MP1A	Mx	.02	2.5
61	MP1B	X	-18.059	.5
62	MP1B	Z	31.279	.5
63	MP1B	Mx	-.018	.5
64	MP1B	X	-18.059	2.5
65	MP1B	Z	31.279	2.5
66	MP1B	Mx	-.018	2.5
67	MP1C	X	-39.11	.5
68	MP1C	Z	67.741	.5
69	MP1C	Mx	.02	.5
70	MP1C	X	-39.11	2.5
71	MP1C	Z	67.741	2.5
72	MP1C	Mx	.02	2.5
73	MP1A	X	-15.869	6.48
74	MP1A	Z	27.485	6.48
75	MP1A	Mx	.008	6.48
76	MP1B	X	-11.066	6.48
77	MP1B	Z	19.166	6.48
78	MP1B	Mx	-.011	6.48
79	MP1C	X	-15.869	6.48
80	MP1C	Z	27.485	6.48
81	MP1C	Mx	.008	6.48
82	MP3A	X	-33.663	3.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
83	MP3A	Z	58.307	3.75
84	MP3A	Mx	-.017	3.75
85	MP3B	X	-24.536	3.75
86	MP3B	Z	42.497	3.75
87	MP3B	Mx	.025	3.75
88	MP3C	X	-33.663	3.75
89	MP3C	Z	58.307	3.75
90	MP3C	Mx	-.017	3.75
91	MP1A	X	-32.498	3.75
92	MP1A	Z	56.288	3.75
93	MP1A	Mx	-.016	3.75
94	MP1B	X	-19.874	3.75
95	MP1B	Z	34.423	3.75
96	MP1B	Mx	.02	3.75
97	MP1C	X	-32.498	3.75
98	MP1C	Z	56.288	3.75
99	MP1C	Mx	-.016	3.75
100	M356	X	-55.53	.5
101	M356	Z	96.181	.5
102	M356	Mx	0	.5
103	M364	X	-1.656	.25
104	M364	Z	2.869	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	-51.17	1.25
2	MP4A	Z	29.543	1.25
3	MP4A	Mx	.041	1.25
4	MP4A	X	-51.17	4.75
5	MP4A	Z	29.543	4.75
6	MP4A	Mx	.041	4.75
7	MP4B	X	-51.17	1.25
8	MP4B	Z	29.543	1.25
9	MP4B	Mx	-.041	1.25
10	MP4B	X	-51.17	4.75
11	MP4B	Z	29.543	4.75
12	MP4B	Mx	-.041	4.75
13	MP4C	X	-80.235	1.25
14	MP4C	Z	46.324	1.25
15	MP4C	Mx	0	1.25
16	MP4C	X	-80.235	4.75
17	MP4C	Z	46.324	4.75
18	MP4C	Mx	0	4.75
19	MP3A	X	-103.476	1.25
20	MP3A	Z	59.742	1.25
21	MP3A	Mx	.126	1.25
22	MP3A	X	-103.476	4.75
23	MP3A	Z	59.742	4.75
24	MP3A	Mx	.126	4.75
25	MP3B	X	-103.476	1.25
26	MP3B	Z	59.742	1.25
27	MP3B	Mx	-.046	1.25
28	MP3B	X	-103.476	4.75
29	MP3B	Z	59.742	4.75
30	MP3B	Mx	-.046	4.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
31	MP3C	X	-138.712	1.25
32	MP3C	Z	80.085	1.25
33	MP3C	Mx	-.107	1.25
34	MP3C	X	-138.712	4.75
35	MP3C	Z	80.085	4.75
36	MP3C	Mx	-.107	4.75
37	MP3A	X	-103.476	1.25
38	MP3A	Z	59.742	1.25
39	MP3A	Mx	.046	1.25
40	MP3A	X	-103.476	4.75
41	MP3A	Z	59.742	4.75
42	MP3A	Mx	.046	4.75
43	MP3B	X	-103.476	1.25
44	MP3B	Z	59.742	1.25
45	MP3B	Mx	-.126	1.25
46	MP3B	X	-103.476	4.75
47	MP3B	Z	59.742	4.75
48	MP3B	Mx	-.126	4.75
49	MP3C	X	-138.712	1.25
50	MP3C	Z	80.085	1.25
51	MP3C	Mx	.107	1.25
52	MP3C	X	-138.712	4.75
53	MP3C	Z	80.085	4.75
54	MP3C	Mx	.107	4.75
55	MP1A	X	-43.433	.5
56	MP1A	Z	25.076	.5
57	MP1A	Mx	.022	.5
58	MP1A	X	-43.433	2.5
59	MP1A	Z	25.076	2.5
60	MP1A	Mx	.022	2.5
61	MP1B	X	-43.433	.5
62	MP1B	Z	25.076	.5
63	MP1B	Mx	-.022	.5
64	MP1B	X	-43.433	2.5
65	MP1B	Z	25.076	2.5
66	MP1B	Mx	-.022	2.5
67	MP1C	X	-79.895	.5
68	MP1C	Z	46.128	.5
69	MP1C	Mx	0	.5
70	MP1C	X	-79.895	2.5
71	MP1C	Z	46.128	2.5
72	MP1C	Mx	0	2.5
73	MP1A	X	-21.939	6.48
74	MP1A	Z	12.667	6.48
75	MP1A	Mx	.011	6.48
76	MP1B	X	-21.939	6.48
77	MP1B	Z	12.667	6.48
78	MP1B	Mx	-.011	6.48
79	MP1C	X	-30.258	6.48
80	MP1C	Z	17.47	6.48
81	MP1C	Mx	0	6.48
82	MP3A	X	-47.767	3.75
83	MP3A	Z	27.578	3.75
84	MP3A	Mx	-.024	3.75
85	MP3B	X	-47.767	3.75
86	MP3B	Z	27.578	3.75
87	MP3B	Mx	.024	3.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
88	MP3C	X	-63.576	3.75
89	MP3C	Z	36.706	3.75
90	MP3C	Mx	0	3.75
91	MP1A	X	-41.711	3.75
92	MP1A	Z	24.082	3.75
93	MP1A	Mx	-.021	3.75
94	MP1B	X	-41.711	3.75
95	MP1B	Z	24.082	3.75
96	MP1B	Mx	.021	3.75
97	MP1C	X	-63.576	3.75
98	MP1C	Z	36.706	3.75
99	MP1C	Mx	0	3.75
100	M356	X	-85.29	.5
101	M356	Z	49.242	.5
102	M356	Mx	0	.5
103	M364	X	-3.145	.25
104	M364	Z	1.816	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4A	X	-47.899	1.25
2	MP4A	Z	0	1.25
3	MP4A	Mx	.038	1.25
4	MP4A	X	-47.899	4.75
5	MP4A	Z	0	4.75
6	MP4A	Mx	.038	4.75
7	MP4B	X	-81.46	1.25
8	MP4B	Z	0	1.25
9	MP4B	Mx	-.032	1.25
10	MP4B	X	-81.46	4.75
11	MP4B	Z	0	4.75
12	MP4B	Mx	-.032	4.75
13	MP4C	X	-81.46	1.25
14	MP4C	Z	0	1.25
15	MP4C	Mx	-.032	1.25
16	MP4C	X	-81.46	4.75
17	MP4C	Z	0	4.75
18	MP4C	Mx	-.032	4.75
19	MP3A	X	-105.922	1.25
20	MP3A	Z	0	1.25
21	MP3A	Mx	.088	1.25
22	MP3A	X	-105.922	4.75
23	MP3A	Z	0	4.75
24	MP3A	Mx	.088	4.75
25	MP3B	X	-146.608	1.25
26	MP3B	Z	0	1.25
27	MP3B	Mx	.024	1.25
28	MP3B	X	-146.608	4.75
29	MP3B	Z	0	4.75
30	MP3B	Mx	.024	4.75
31	MP3C	X	-146.608	1.25
32	MP3C	Z	0	1.25
33	MP3C	Mx	-.146	1.25
34	MP3C	X	-146.608	4.75
35	MP3C	Z	0	4.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
36	MP3C	Mx	-.146	4.75
37	MP3A	X	-105.922	1.25
38	MP3A	Z	0	1.25
39	MP3A	Mx	.088	1.25
40	MP3A	X	-105.922	4.75
41	MP3A	Z	0	4.75
42	MP3A	Mx	.088	4.75
43	MP3B	X	-146.608	1.25
44	MP3B	Z	0	1.25
45	MP3B	Mx	-.146	1.25
46	MP3B	X	-146.608	4.75
47	MP3B	Z	0	4.75
48	MP3B	Mx	-.146	4.75
49	MP3C	X	-146.608	1.25
50	MP3C	Z	0	1.25
51	MP3C	Mx	.024	1.25
52	MP3C	X	-146.608	4.75
53	MP3C	Z	0	4.75
54	MP3C	Mx	.024	4.75
55	MP1A	X	-36.118	.5
56	MP1A	Z	0	.5
57	MP1A	Mx	.018	.5
58	MP1A	X	-36.118	2.5
59	MP1A	Z	0	2.5
60	MP1A	Mx	.018	2.5
61	MP1B	X	-78.221	.5
62	MP1B	Z	0	.5
63	MP1B	Mx	-.02	.5
64	MP1B	X	-78.221	2.5
65	MP1B	Z	0	2.5
66	MP1B	Mx	-.02	2.5
67	MP1C	X	-78.221	.5
68	MP1C	Z	0	.5
69	MP1C	Mx	-.02	.5
70	MP1C	X	-78.221	2.5
71	MP1C	Z	0	2.5
72	MP1C	Mx	-.02	2.5
73	MP1A	X	-22.131	6.48
74	MP1A	Z	0	6.48
75	MP1A	Mx	.011	6.48
76	MP1B	X	-31.737	6.48
77	MP1B	Z	0	6.48
78	MP1B	Mx	-.008	6.48
79	MP1C	X	-31.737	6.48
80	MP1C	Z	0	6.48
81	MP1C	Mx	-.008	6.48
82	MP3A	X	-49.072	3.75
83	MP3A	Z	0	3.75
84	MP3A	Mx	-.025	3.75
85	MP3B	X	-67.327	3.75
86	MP3B	Z	0	3.75
87	MP3B	Mx	.017	3.75
88	MP3C	X	-67.327	3.75
89	MP3C	Z	0	3.75
90	MP3C	Mx	.017	3.75
91	MP1A	X	-39.748	3.75
92	MP1A	Z	0	3.75



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
93	MP1A	Mx	-.02	3.75
94	MP1B	X	-64.996	3.75
95	MP1B	Z	0	3.75
96	MP1B	Mx	.016	3.75
97	MP1C	X	-64.996	3.75
98	MP1C	Z	0	3.75
99	MP1C	Mx	.016	3.75
100	M356	X	-111.06	.5
101	M356	Z	0	.5
102	M356	Mx	0	.5
103	M364	X	-3.313	.25
104	M364	Z	0	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP4A	X	-51.17	1.25
2	MP4A	Z	-29.543	1.25
3	MP4A	Mx	.041	1.25
4	MP4A	X	-51.17	4.75
5	MP4A	Z	-29.543	4.75
6	MP4A	Mx	.041	4.75
7	MP4B	X	-80.235	1.25
8	MP4B	Z	-46.324	1.25
9	MP4B	Mx	0	1.25
10	MP4B	X	-80.235	4.75
11	MP4B	Z	-46.324	4.75
12	MP4B	Mx	0	4.75
13	MP4C	X	-51.17	1.25
14	MP4C	Z	-29.543	1.25
15	MP4C	Mx	-.041	1.25
16	MP4C	X	-51.17	4.75
17	MP4C	Z	-29.543	4.75
18	MP4C	Mx	-.041	4.75
19	MP3A	X	-103.476	1.25
20	MP3A	Z	-59.742	1.25
21	MP3A	Mx	.046	1.25
22	MP3A	X	-103.476	4.75
23	MP3A	Z	-59.742	4.75
24	MP3A	Mx	.046	4.75
25	MP3B	X	-138.712	1.25
26	MP3B	Z	-80.085	1.25
27	MP3B	Mx	.107	1.25
28	MP3B	X	-138.712	4.75
29	MP3B	Z	-80.085	4.75
30	MP3B	Mx	.107	4.75
31	MP3C	X	-103.476	1.25
32	MP3C	Z	-59.742	1.25
33	MP3C	Mx	-.126	1.25
34	MP3C	X	-103.476	4.75
35	MP3C	Z	-59.742	4.75
36	MP3C	Mx	-.126	4.75
37	MP3A	X	-103.476	1.25
38	MP3A	Z	-59.742	1.25
39	MP3A	Mx	.126	1.25
40	MP3A	X	-103.476	4.75



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3A	Z	-59.742	4.75
42	MP3A	Mx	.126	4.75
43	MP3B	X	-138.712	1.25
44	MP3B	Z	-80.085	1.25
45	MP3B	Mx	-.107	1.25
46	MP3B	X	-138.712	4.75
47	MP3B	Z	-80.085	4.75
48	MP3B	Mx	-.107	4.75
49	MP3C	X	-103.476	1.25
50	MP3C	Z	-59.742	1.25
51	MP3C	Mx	-.046	1.25
52	MP3C	X	-103.476	4.75
53	MP3C	Z	-59.742	4.75
54	MP3C	Mx	-.046	4.75
55	MP1A	X	-43.433	.5
56	MP1A	Z	-25.076	.5
57	MP1A	Mx	.022	.5
58	MP1A	X	-43.433	2.5
59	MP1A	Z	-25.076	2.5
60	MP1A	Mx	.022	2.5
61	MP1B	X	-79.895	.5
62	MP1B	Z	-46.128	.5
63	MP1B	Mx	0	.5
64	MP1B	X	-79.895	2.5
65	MP1B	Z	-46.128	2.5
66	MP1B	Mx	0	2.5
67	MP1C	X	-43.433	.5
68	MP1C	Z	-25.076	.5
69	MP1C	Mx	-.022	.5
70	MP1C	X	-43.433	2.5
71	MP1C	Z	-25.076	2.5
72	MP1C	Mx	-.022	2.5
73	MP1A	X	-21.939	6.48
74	MP1A	Z	-12.667	6.48
75	MP1A	Mx	.011	6.48
76	MP1B	X	-30.258	6.48
77	MP1B	Z	-17.47	6.48
78	MP1B	Mx	0	6.48
79	MP1C	X	-21.939	6.48
80	MP1C	Z	-12.667	6.48
81	MP1C	Mx	-.011	6.48
82	MP3A	X	-47.767	3.75
83	MP3A	Z	-27.578	3.75
84	MP3A	Mx	-.024	3.75
85	MP3B	X	-63.576	3.75
86	MP3B	Z	-36.706	3.75
87	MP3B	Mx	0	3.75
88	MP3C	X	-47.767	3.75
89	MP3C	Z	-27.578	3.75
90	MP3C	Mx	.024	3.75
91	MP1A	X	-41.711	3.75
92	MP1A	Z	-24.082	3.75
93	MP1A	Mx	-.021	3.75
94	MP1B	X	-63.576	3.75
95	MP1B	Z	-36.706	3.75
96	MP1B	Mx	0	3.75
97	MP1C	X	-41.711	3.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
98	MP1C	Z	-24.082	3.75
99	MP1C	Mx	.021	3.75
100	M356	X	-117.962	.5
101	M356	Z	-68.105	.5
102	M356	Mx	0	.5
103	M364	X	-2.316	.25
104	M364	Z	-1.337	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4A	X	-40.73	1.25
2	MP4A	Z	-70.547	1.25
3	MP4A	Mx	.032	1.25
4	MP4A	X	-40.73	4.75
5	MP4A	Z	-70.547	4.75
6	MP4A	Mx	.032	4.75
7	MP4B	X	-40.73	1.25
8	MP4B	Z	-70.547	1.25
9	MP4B	Mx	.032	1.25
10	MP4B	X	-40.73	4.75
11	MP4B	Z	-70.547	4.75
12	MP4B	Mx	.032	4.75
13	MP4C	X	-23.949	1.25
14	MP4C	Z	-41.481	1.25
15	MP4C	Mx	-.038	1.25
16	MP4C	X	-23.949	4.75
17	MP4C	Z	-41.481	4.75
18	MP4C	Mx	-.038	4.75
19	MP3A	X	-73.304	1.25
20	MP3A	Z	-126.967	1.25
21	MP3A	Mx	-.024	1.25
22	MP3A	X	-73.304	4.75
23	MP3A	Z	-126.967	4.75
24	MP3A	Mx	-.024	4.75
25	MP3B	X	-73.304	1.25
26	MP3B	Z	-126.967	1.25
27	MP3B	Mx	.146	1.25
28	MP3B	X	-73.304	4.75
29	MP3B	Z	-126.967	4.75
30	MP3B	Mx	.146	4.75
31	MP3C	X	-52.961	1.25
32	MP3C	Z	-91.731	1.25
33	MP3C	Mx	-.088	1.25
34	MP3C	X	-52.961	4.75
35	MP3C	Z	-91.731	4.75
36	MP3C	Mx	-.088	4.75
37	MP3A	X	-73.304	1.25
38	MP3A	Z	-126.967	1.25
39	MP3A	Mx	.146	1.25
40	MP3A	X	-73.304	4.75
41	MP3A	Z	-126.967	4.75
42	MP3A	Mx	.146	4.75
43	MP3B	X	-73.304	1.25
44	MP3B	Z	-126.967	1.25
45	MP3B	Mx	-.024	1.25





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
46	MP3B	X	-73.304	4.75
47	MP3B	Z	-126.967	4.75
48	MP3B	Mx	-.024	4.75
49	MP3C	X	-52.961	1.25
50	MP3C	Z	-91.731	1.25
51	MP3C	Mx	-.088	1.25
52	MP3C	X	-52.961	4.75
53	MP3C	Z	-91.731	4.75
54	MP3C	Mx	-.088	4.75
55	MP1A	X	-39.11	.5
56	MP1A	Z	-67.741	.5
57	MP1A	Mx	.02	.5
58	MP1A	X	-39.11	2.5
59	MP1A	Z	-67.741	2.5
60	MP1A	Mx	.02	2.5
61	MP1B	X	-39.11	.5
62	MP1B	Z	-67.741	.5
63	MP1B	Mx	.02	.5
64	MP1B	X	-39.11	2.5
65	MP1B	Z	-67.741	2.5
66	MP1B	Mx	.02	2.5
67	MP1C	X	-18.059	.5
68	MP1C	Z	-31.279	.5
69	MP1C	Mx	-.018	.5
70	MP1C	X	-18.059	2.5
71	MP1C	Z	-31.279	2.5
72	MP1C	Mx	-.018	2.5
73	MP1A	X	-15.869	6.48
74	MP1A	Z	-27.485	6.48
75	MP1A	Mx	.008	6.48
76	MP1B	X	-15.869	6.48
77	MP1B	Z	-27.485	6.48
78	MP1B	Mx	.008	6.48
79	MP1C	X	-11.066	6.48
80	MP1C	Z	-19.166	6.48
81	MP1C	Mx	-.011	6.48
82	MP3A	X	-33.663	3.75
83	MP3A	Z	-58.307	3.75
84	MP3A	Mx	-.017	3.75
85	MP3B	X	-33.663	3.75
86	MP3B	Z	-58.307	3.75
87	MP3B	Mx	-.017	3.75
88	MP3C	X	-24.536	3.75
89	MP3C	Z	-42.497	3.75
90	MP3C	Mx	.025	3.75
91	MP1A	X	-32.498	3.75
92	MP1A	Z	-56.288	3.75
93	MP1A	Mx	-.016	3.75
94	MP1B	X	-32.498	3.75
95	MP1B	Z	-56.288	3.75
96	MP1B	Mx	-.016	3.75
97	MP1C	X	-19.874	3.75
98	MP1C	Z	-34.423	3.75
99	MP1C	Mx	.02	3.75
100	M356	X	-74.393	.5
101	M356	Z	-128.852	.5
102	M356	Mx	0	.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
103	M364	X	-1.178	.25
104	M364	Z	-2.04	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP4A	X	0	1.25
2	MP4A	Z	-19.862	1.25
3	MP4A	Mx	0	1.25
4	MP4A	X	0	4.75
5	MP4A	Z	-19.862	4.75
6	MP4A	Mx	0	4.75
7	MP4B	X	0	1.25
8	MP4B	Z	-13.572	1.25
9	MP4B	Mx	.009	1.25
10	MP4B	X	0	4.75
11	MP4B	Z	-13.572	4.75
12	MP4B	Mx	.009	4.75
13	MP4C	X	0	1.25
14	MP4C	Z	-13.572	1.25
15	MP4C	Mx	-.009	1.25
16	MP4C	X	0	4.75
17	MP4C	Z	-13.572	4.75
18	MP4C	Mx	-.009	4.75
19	MP3A	X	0	1.25
20	MP3A	Z	-33.188	1.25
21	MP3A	Mx	-.022	1.25
22	MP3A	X	0	4.75
23	MP3A	Z	-33.188	4.75
24	MP3A	Mx	-.022	4.75
25	MP3B	X	0	1.25
26	MP3B	Z	-25.777	1.25
27	MP3B	Mx	.027	1.25
28	MP3B	X	0	4.75
29	MP3B	Z	-25.777	4.75
30	MP3B	Mx	.027	4.75
31	MP3C	X	0	1.25
32	MP3C	Z	-25.777	1.25
33	MP3C	Mx	-.01	1.25
34	MP3C	X	0	4.75
35	MP3C	Z	-25.777	4.75
36	MP3C	Mx	-.01	4.75
37	MP3A	X	0	1.25
38	MP3A	Z	-33.188	1.25
39	MP3A	Mx	.022	1.25
40	MP3A	X	0	4.75
41	MP3A	Z	-33.188	4.75
42	MP3A	Mx	.022	4.75
43	MP3B	X	0	1.25
44	MP3B	Z	-25.777	1.25
45	MP3B	Mx	.01	1.25
46	MP3B	X	0	4.75
47	MP3B	Z	-25.777	4.75
48	MP3B	Mx	.01	4.75
49	MP3C	X	0	1.25
50	MP3C	Z	-25.777	1.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
51	MP3C	Mx	-.027	1.25
52	MP3C	X	0	4.75
53	MP3C	Z	-25.777	4.75
54	MP3C	Mx	-.027	4.75
55	MP1A	X	0	.5
56	MP1A	Z	-19.759	.5
57	MP1A	Mx	0	.5
58	MP1A	X	0	2.5
59	MP1A	Z	-19.759	2.5
60	MP1A	Mx	0	2.5
61	MP1B	X	0	.5
62	MP1B	Z	-11.503	.5
63	MP1B	Mx	.005	.5
64	MP1B	X	0	2.5
65	MP1B	Z	-11.503	2.5
66	MP1B	Mx	.005	2.5
67	MP1C	X	0	.5
68	MP1C	Z	-11.503	.5
69	MP1C	Mx	-.005	.5
70	MP1C	X	0	2.5
71	MP1C	Z	-11.503	2.5
72	MP1C	Mx	-.005	2.5
73	MP1A	X	0	6.48
74	MP1A	Z	-9.111	6.48
75	MP1A	Mx	0	6.48
76	MP1B	X	0	6.48
77	MP1B	Z	-7.099	6.48
78	MP1B	Mx	.003	6.48
79	MP1C	X	0	6.48
80	MP1C	Z	-7.099	6.48
81	MP1C	Mx	-.003	6.48
82	MP3A	X	0	3.75
83	MP3A	Z	-17.085	3.75
84	MP3A	Mx	0	3.75
85	MP3B	X	0	3.75
86	MP3B	Z	-13.346	3.75
87	MP3B	Mx	-.006	3.75
88	MP3C	X	0	3.75
89	MP3C	Z	-13.346	3.75
90	MP3C	Mx	.006	3.75
91	MP1A	X	0	3.75
92	MP1A	Z	-17.085	3.75
93	MP1A	Mx	0	3.75
94	MP1B	X	0	3.75
95	MP1B	Z	-11.925	3.75
96	MP1B	Mx	-.005	3.75
97	MP1C	X	0	3.75
98	MP1C	Z	-11.925	3.75
99	MP1C	Mx	.005	3.75
100	M356	X	0	.5
101	M356	Z	-29.764	.5
102	M356	Mx	0	.5
103	M364	X	0	.25
104	M364	Z	-2.236	.25
105	M364	Mx	0	.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP4A	X	8.883	1.25
2	MP4A	Z	-15.385	1.25
3	MP4A	Mx	-.007	1.25
4	MP4A	X	8.883	4.75
5	MP4A	Z	-15.385	4.75
6	MP4A	Mx	-.007	4.75
7	MP4B	X	5.738	1.25
8	MP4B	Z	-9.938	1.25
9	MP4B	Mx	.009	1.25
10	MP4B	X	5.738	4.75
11	MP4B	Z	-9.938	4.75
12	MP4B	Mx	.009	4.75
13	MP4C	X	8.883	1.25
14	MP4C	Z	-15.385	1.25
15	MP4C	Mx	-.007	1.25
16	MP4C	X	8.883	4.75
17	MP4C	Z	-15.385	4.75
18	MP4C	Mx	-.007	4.75
19	MP3A	X	15.359	1.25
20	MP3A	Z	-26.602	1.25
21	MP3A	Mx	-.031	1.25
22	MP3A	X	15.359	4.75
23	MP3A	Z	-26.602	4.75
24	MP3A	Mx	-.031	4.75
25	MP3B	X	11.653	1.25
26	MP3B	Z	-20.184	1.25
27	MP3B	Mx	.019	1.25
28	MP3B	X	11.653	4.75
29	MP3B	Z	-20.184	4.75
30	MP3B	Mx	.019	4.75
31	MP3C	X	15.359	1.25
32	MP3C	Z	-26.602	1.25
33	MP3C	Mx	.005	1.25
34	MP3C	X	15.359	4.75
35	MP3C	Z	-26.602	4.75
36	MP3C	Mx	.005	4.75
37	MP3A	X	15.359	1.25
38	MP3A	Z	-26.602	1.25
39	MP3A	Mx	.005	1.25
40	MP3A	X	15.359	4.75
41	MP3A	Z	-26.602	4.75
42	MP3A	Mx	.005	4.75
43	MP3B	X	11.653	1.25
44	MP3B	Z	-20.184	1.25
45	MP3B	Mx	.019	1.25
46	MP3B	X	11.653	4.75
47	MP3B	Z	-20.184	4.75
48	MP3B	Mx	.019	4.75
49	MP3C	X	15.359	1.25
50	MP3C	Z	-26.602	1.25
51	MP3C	Mx	-.031	1.25
52	MP3C	X	15.359	4.75
53	MP3C	Z	-26.602	4.75
54	MP3C	Mx	-.031	4.75
55	MP1A	X	8.504	.5
56	MP1A	Z	-14.729	.5
57	MP1A	Mx	-.004	.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP1A	X	8.504	2.5
59	MP1A	Z	-14.729	2.5
60	MP1A	Mx	-.004	2.5
61	MP1B	X	4.376	.5
62	MP1B	Z	-7.579	.5
63	MP1B	Mx	.004	.5
64	MP1B	X	4.376	2.5
65	MP1B	Z	-7.579	2.5
66	MP1B	Mx	.004	2.5
67	MP1C	X	8.504	.5
68	MP1C	Z	-14.729	.5
69	MP1C	Mx	-.004	.5
70	MP1C	X	8.504	2.5
71	MP1C	Z	-14.729	2.5
72	MP1C	Mx	-.004	2.5
73	MP1A	X	4.22	6.48
74	MP1A	Z	-7.31	6.48
75	MP1A	Mx	-.002	6.48
76	MP1B	X	3.214	6.48
77	MP1B	Z	-5.567	6.48
78	MP1B	Mx	.003	6.48
79	MP1C	X	4.22	6.48
80	MP1C	Z	-7.31	6.48
81	MP1C	Mx	-.002	6.48
82	MP3A	X	7.919	3.75
83	MP3A	Z	-13.717	3.75
84	MP3A	Mx	.004	3.75
85	MP3B	X	6.05	3.75
86	MP3B	Z	-10.479	3.75
87	MP3B	Mx	-.006	3.75
88	MP3C	X	7.919	3.75
89	MP3C	Z	-13.717	3.75
90	MP3C	Mx	.004	3.75
91	MP1A	X	7.682	3.75
92	MP1A	Z	-13.306	3.75
93	MP1A	Mx	.004	3.75
94	MP1B	X	5.103	3.75
95	MP1B	Z	-8.838	3.75
96	MP1B	Mx	-.005	3.75
97	MP1C	X	7.682	3.75
98	MP1C	Z	-13.306	3.75
99	MP1C	Mx	.004	3.75
100	M356	X	12.434	.5
101	M356	Z	-21.536	.5
102	M356	Mx	0	.5
103	M364	X	1.008	.25
104	M364	Z	-1.747	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4A	X	11.754	1.25
2	MP4A	Z	-6.786	1.25
3	MP4A	Mx	-.009	1.25
4	MP4A	X	11.754	4.75
5	MP4A	Z	-6.786	4.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
6	MP4A	Mx	-0.009	4.75
7	MP4B	X	11.754	1.25
8	MP4B	Z	-6.786	1.25
9	MP4B	Mx	.009	1.25
10	MP4B	X	11.754	4.75
11	MP4B	Z	-6.786	4.75
12	MP4B	Mx	.009	4.75
13	MP4C	X	17.201	1.25
14	MP4C	Z	-9.931	1.25
15	MP4C	Mx	0	1.25
16	MP4C	X	17.201	4.75
17	MP4C	Z	-9.931	4.75
18	MP4C	Mx	0	4.75
19	MP3A	X	22.323	1.25
20	MP3A	Z	-12.888	1.25
21	MP3A	Mx	-.027	1.25
22	MP3A	X	22.323	4.75
23	MP3A	Z	-12.888	4.75
24	MP3A	Mx	-.027	4.75
25	MP3B	X	22.323	1.25
26	MP3B	Z	-12.888	1.25
27	MP3B	Mx	.01	1.25
28	MP3B	X	22.323	4.75
29	MP3B	Z	-12.888	4.75
30	MP3B	Mx	.01	4.75
31	MP3C	X	28.742	1.25
32	MP3C	Z	-16.594	1.25
33	MP3C	Mx	.022	1.25
34	MP3C	X	28.742	4.75
35	MP3C	Z	-16.594	4.75
36	MP3C	Mx	.022	4.75
37	MP3A	X	22.323	1.25
38	MP3A	Z	-12.888	1.25
39	MP3A	Mx	-.01	1.25
40	MP3A	X	22.323	4.75
41	MP3A	Z	-12.888	4.75
42	MP3A	Mx	-.01	4.75
43	MP3B	X	22.323	1.25
44	MP3B	Z	-12.888	1.25
45	MP3B	Mx	.027	1.25
46	MP3B	X	22.323	4.75
47	MP3B	Z	-12.888	4.75
48	MP3B	Mx	.027	4.75
49	MP3C	X	28.742	1.25
50	MP3C	Z	-16.594	1.25
51	MP3C	Mx	-.022	1.25
52	MP3C	X	28.742	4.75
53	MP3C	Z	-16.594	4.75
54	MP3C	Mx	-.022	4.75
55	MP1A	X	9.962	.5
56	MP1A	Z	-5.752	.5
57	MP1A	Mx	-.005	.5
58	MP1A	X	9.962	2.5
59	MP1A	Z	-5.752	2.5
60	MP1A	Mx	-.005	2.5
61	MP1B	X	9.962	.5
62	MP1B	Z	-5.752	.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
63	MP1B	Mx	.005	.5
64	MP1B	X	9.962	2.5
65	MP1B	Z	-5.752	2.5
66	MP1B	Mx	.005	2.5
67	MP1C	X	17.112	.5
68	MP1C	Z	-9.88	.5
69	MP1C	Mx	0	.5
70	MP1C	X	17.112	2.5
71	MP1C	Z	-9.88	2.5
72	MP1C	Mx	0	2.5
73	MP1A	X	6.148	6.48
74	MP1A	Z	-3.55	6.48
75	MP1A	Mx	-.003	6.48
76	MP1B	X	6.148	6.48
77	MP1B	Z	-3.55	6.48
78	MP1B	Mx	.003	6.48
79	MP1C	X	7.891	6.48
80	MP1C	Z	-4.556	6.48
81	MP1C	Mx	0	6.48
82	MP3A	X	11.558	3.75
83	MP3A	Z	-6.673	3.75
84	MP3A	Mx	.006	3.75
85	MP3B	X	11.558	3.75
86	MP3B	Z	-6.673	3.75
87	MP3B	Mx	-.006	3.75
88	MP3C	X	14.796	3.75
89	MP3C	Z	-8.542	3.75
90	MP3C	Mx	0	3.75
91	MP1A	X	10.328	3.75
92	MP1A	Z	-5.963	3.75
93	MP1A	Mx	.005	3.75
94	MP1B	X	10.328	3.75
95	MP1B	Z	-5.963	3.75
96	MP1B	Mx	-.005	3.75
97	MP1C	X	14.796	3.75
98	MP1C	Z	-8.542	3.75
99	MP1C	Mx	0	3.75
100	M356	X	19.416	.5
101	M356	Z	-11.21	.5
102	M356	Mx	0	.5
103	M364	X	1.652	.25
104	M364	Z	-.954	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	11.475	1.25
2	MP4A	Z	0	1.25
3	MP4A	Mx	-.009	1.25
4	MP4A	X	11.475	4.75
5	MP4A	Z	0	4.75
6	MP4A	Mx	-.009	4.75
7	MP4B	X	17.765	1.25
8	MP4B	Z	0	1.25
9	MP4B	Mx	.007	1.25
10	MP4B	X	17.765	4.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
11	MP4B	Z	0	4.75
12	MP4B	Mx	.007	4.75
13	MP4C	X	17.765	1.25
14	MP4C	Z	0	1.25
15	MP4C	Mx	.007	1.25
16	MP4C	X	17.765	4.75
17	MP4C	Z	0	4.75
18	MP4C	Mx	.007	4.75
19	MP3A	X	23.306	1.25
20	MP3A	Z	0	1.25
21	MP3A	Mx	-.019	1.25
22	MP3A	X	23.306	4.75
23	MP3A	Z	0	4.75
24	MP3A	Mx	-.019	4.75
25	MP3B	X	30.717	1.25
26	MP3B	Z	0	1.25
27	MP3B	Mx	-.005	1.25
28	MP3B	X	30.717	4.75
29	MP3B	Z	0	4.75
30	MP3B	Mx	-.005	4.75
31	MP3C	X	30.717	1.25
32	MP3C	Z	0	1.25
33	MP3C	Mx	.031	1.25
34	MP3C	X	30.717	4.75
35	MP3C	Z	0	4.75
36	MP3C	Mx	.031	4.75
37	MP3A	X	23.306	1.25
38	MP3A	Z	0	1.25
39	MP3A	Mx	-.019	1.25
40	MP3A	X	23.306	4.75
41	MP3A	Z	0	4.75
42	MP3A	Mx	-.019	4.75
43	MP3B	X	30.717	1.25
44	MP3B	Z	0	1.25
45	MP3B	Mx	.031	1.25
46	MP3B	X	30.717	4.75
47	MP3B	Z	0	4.75
48	MP3B	Mx	.031	4.75
49	MP3C	X	30.717	1.25
50	MP3C	Z	0	1.25
51	MP3C	Mx	-.005	1.25
52	MP3C	X	30.717	4.75
53	MP3C	Z	0	4.75
54	MP3C	Mx	-.005	4.75
55	MP1A	X	8.751	.5
56	MP1A	Z	0	.5
57	MP1A	Mx	-.004	.5
58	MP1A	X	8.751	2.5
59	MP1A	Z	0	2.5
60	MP1A	Mx	-.004	2.5
61	MP1B	X	17.007	.5
62	MP1B	Z	0	.5
63	MP1B	Mx	.004	.5
64	MP1B	X	17.007	2.5
65	MP1B	Z	0	2.5
66	MP1B	Mx	.004	2.5
67	MP1C	X	17.007	.5





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
68	MP1C	Z	0	.5
69	MP1C	Mx	.004	.5
70	MP1C	X	17.007	2.5
71	MP1C	Z	0	2.5
72	MP1C	Mx	.004	2.5
73	MP1A	X	6.428	6.48
74	MP1A	Z	0	6.48
75	MP1A	Mx	-.003	6.48
76	MP1B	X	8.44	6.48
77	MP1B	Z	0	6.48
78	MP1B	Mx	.002	6.48
79	MP1C	X	8.44	6.48
80	MP1C	Z	0	6.48
81	MP1C	Mx	.002	6.48
82	MP3A	X	12.1	3.75
83	MP3A	Z	0	3.75
84	MP3A	Mx	.006	3.75
85	MP3B	X	15.838	3.75
86	MP3B	Z	0	3.75
87	MP3B	Mx	-.004	3.75
88	MP3C	X	15.838	3.75
89	MP3C	Z	0	3.75
90	MP3C	Mx	-.004	3.75
91	MP1A	X	10.206	3.75
92	MP1A	Z	0	3.75
93	MP1A	Mx	.005	3.75
94	MP1B	X	15.365	3.75
95	MP1B	Z	0	3.75
96	MP1B	Mx	-.004	3.75
97	MP1C	X	15.365	3.75
98	MP1C	Z	0	3.75
99	MP1C	Mx	-.004	3.75
100	M356	X	24.867	.5
101	M356	Z	0	.5
102	M356	Mx	0	.5
103	M364	X	2.017	.25
104	M364	Z	0	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4A	X	11.754	1.25
2	MP4A	Z	6.786	1.25
3	MP4A	Mx	-.009	1.25
4	MP4A	X	11.754	4.75
5	MP4A	Z	6.786	4.75
6	MP4A	Mx	-.009	4.75
7	MP4B	X	17.201	1.25
8	MP4B	Z	9.931	1.25
9	MP4B	Mx	0	1.25
10	MP4B	X	17.201	4.75
11	MP4B	Z	9.931	4.75
12	MP4B	Mx	0	4.75
13	MP4C	X	11.754	1.25
14	MP4C	Z	6.786	1.25
15	MP4C	Mx	.009	1.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
16	MP4C	X	11.754	4.75
17	MP4C	Z	6.786	4.75
18	MP4C	Mx	.009	4.75
19	MP3A	X	22.323	1.25
20	MP3A	Z	12.888	1.25
21	MP3A	Mx	-.01	1.25
22	MP3A	X	22.323	4.75
23	MP3A	Z	12.888	4.75
24	MP3A	Mx	-.01	4.75
25	MP3B	X	28.742	1.25
26	MP3B	Z	16.594	1.25
27	MP3B	Mx	-.022	1.25
28	MP3B	X	28.742	4.75
29	MP3B	Z	16.594	4.75
30	MP3B	Mx	-.022	4.75
31	MP3C	X	22.323	1.25
32	MP3C	Z	12.888	1.25
33	MP3C	Mx	.027	1.25
34	MP3C	X	22.323	4.75
35	MP3C	Z	12.888	4.75
36	MP3C	Mx	.027	4.75
37	MP3A	X	22.323	1.25
38	MP3A	Z	12.888	1.25
39	MP3A	Mx	-.027	1.25
40	MP3A	X	22.323	4.75
41	MP3A	Z	12.888	4.75
42	MP3A	Mx	-.027	4.75
43	MP3B	X	28.742	1.25
44	MP3B	Z	16.594	1.25
45	MP3B	Mx	.022	1.25
46	MP3B	X	28.742	4.75
47	MP3B	Z	16.594	4.75
48	MP3B	Mx	.022	4.75
49	MP3C	X	22.323	1.25
50	MP3C	Z	12.888	1.25
51	MP3C	Mx	.01	1.25
52	MP3C	X	22.323	4.75
53	MP3C	Z	12.888	4.75
54	MP3C	Mx	.01	4.75
55	MP1A	X	9.962	.5
56	MP1A	Z	5.752	.5
57	MP1A	Mx	-.005	.5
58	MP1A	X	9.962	2.5
59	MP1A	Z	5.752	2.5
60	MP1A	Mx	-.005	2.5
61	MP1B	X	17.112	.5
62	MP1B	Z	9.88	.5
63	MP1B	Mx	0	.5
64	MP1B	X	17.112	2.5
65	MP1B	Z	9.88	2.5
66	MP1B	Mx	0	2.5
67	MP1C	X	9.962	.5
68	MP1C	Z	5.752	.5
69	MP1C	Mx	.005	.5
70	MP1C	X	9.962	2.5
71	MP1C	Z	5.752	2.5
72	MP1C	Mx	.005	2.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
73	MP1A	X	6.148	6.48
74	MP1A	Z	3.55	6.48
75	MP1A	Mx	-.003	6.48
76	MP1B	X	7.891	6.48
77	MP1B	Z	4.556	6.48
78	MP1B	Mx	0	6.48
79	MP1C	X	6.148	6.48
80	MP1C	Z	3.55	6.48
81	MP1C	Mx	.003	6.48
82	MP3A	X	11.558	3.75
83	MP3A	Z	6.673	3.75
84	MP3A	Mx	.006	3.75
85	MP3B	X	14.796	3.75
86	MP3B	Z	8.542	3.75
87	MP3B	Mx	0	3.75
88	MP3C	X	11.558	3.75
89	MP3C	Z	6.673	3.75
90	MP3C	Mx	-.006	3.75
91	MP1A	X	10.328	3.75
92	MP1A	Z	5.963	3.75
93	MP1A	Mx	.005	3.75
94	MP1B	X	14.796	3.75
95	MP1B	Z	8.542	3.75
96	MP1B	Mx	0	3.75
97	MP1C	X	10.328	3.75
98	MP1C	Z	5.963	3.75
99	MP1C	Mx	-.005	3.75
100	M356	X	25.776	.5
101	M356	Z	14.882	.5
102	M356	Mx	0	.5
103	M364	X	1.937	.25
104	M364	Z	1.118	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP4A	X	8.883	1.25
2	MP4A	Z	15.385	1.25
3	MP4A	Mx	-.007	1.25
4	MP4A	X	8.883	4.75
5	MP4A	Z	15.385	4.75
6	MP4A	Mx	-.007	4.75
7	MP4B	X	8.883	1.25
8	MP4B	Z	15.385	1.25
9	MP4B	Mx	-.007	1.25
10	MP4B	X	8.883	4.75
11	MP4B	Z	15.385	4.75
12	MP4B	Mx	-.007	4.75
13	MP4C	X	5.738	1.25
14	MP4C	Z	9.938	1.25
15	MP4C	Mx	.009	1.25
16	MP4C	X	5.738	4.75
17	MP4C	Z	9.938	4.75
18	MP4C	Mx	.009	4.75
19	MP3A	X	15.359	1.25
20	MP3A	Z	26.602	1.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
21	MP3A	Mx	.005	1.25
22	MP3A	X	15.359	4.75
23	MP3A	Z	26.602	4.75
24	MP3A	Mx	.005	4.75
25	MP3B	X	15.359	1.25
26	MP3B	Z	26.602	1.25
27	MP3B	Mx	-.031	1.25
28	MP3B	X	15.359	4.75
29	MP3B	Z	26.602	4.75
30	MP3B	Mx	-.031	4.75
31	MP3C	X	11.653	1.25
32	MP3C	Z	20.184	1.25
33	MP3C	Mx	.019	1.25
34	MP3C	X	11.653	4.75
35	MP3C	Z	20.184	4.75
36	MP3C	Mx	.019	4.75
37	MP3A	X	15.359	1.25
38	MP3A	Z	26.602	1.25
39	MP3A	Mx	-.031	1.25
40	MP3A	X	15.359	4.75
41	MP3A	Z	26.602	4.75
42	MP3A	Mx	-.031	4.75
43	MP3B	X	15.359	1.25
44	MP3B	Z	26.602	1.25
45	MP3B	Mx	.005	1.25
46	MP3B	X	15.359	4.75
47	MP3B	Z	26.602	4.75
48	MP3B	Mx	.005	4.75
49	MP3C	X	11.653	1.25
50	MP3C	Z	20.184	1.25
51	MP3C	Mx	.019	1.25
52	MP3C	X	11.653	4.75
53	MP3C	Z	20.184	4.75
54	MP3C	Mx	.019	4.75
55	MP1A	X	8.504	.5
56	MP1A	Z	14.729	.5
57	MP1A	Mx	-.004	.5
58	MP1A	X	8.504	2.5
59	MP1A	Z	14.729	2.5
60	MP1A	Mx	-.004	2.5
61	MP1B	X	8.504	.5
62	MP1B	Z	14.729	.5
63	MP1B	Mx	-.004	.5
64	MP1B	X	8.504	2.5
65	MP1B	Z	14.729	2.5
66	MP1B	Mx	-.004	2.5
67	MP1C	X	4.376	.5
68	MP1C	Z	7.579	.5
69	MP1C	Mx	.004	.5
70	MP1C	X	4.376	2.5
71	MP1C	Z	7.579	2.5
72	MP1C	Mx	.004	2.5
73	MP1A	X	4.22	6.48
74	MP1A	Z	7.31	6.48
75	MP1A	Mx	-.002	6.48
76	MP1B	X	4.22	6.48
77	MP1B	Z	7.31	6.48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
78	MP1B	Mx	-0.02	6.48
79	MP1C	X	3.214	6.48
80	MP1C	Z	5.567	6.48
81	MP1C	Mx	.003	6.48
82	MP3A	X	7.919	3.75
83	MP3A	Z	13.717	3.75
84	MP3A	Mx	.004	3.75
85	MP3B	X	7.919	3.75
86	MP3B	Z	13.717	3.75
87	MP3B	Mx	.004	3.75
88	MP3C	X	6.05	3.75
89	MP3C	Z	10.479	3.75
90	MP3C	Mx	-0.006	3.75
91	MP1A	X	7.682	3.75
92	MP1A	Z	13.306	3.75
93	MP1A	Mx	.004	3.75
94	MP1B	X	7.682	3.75
95	MP1B	Z	13.306	3.75
96	MP1B	Mx	.004	3.75
97	MP1C	X	5.103	3.75
98	MP1C	Z	8.838	3.75
99	MP1C	Mx	-0.005	3.75
100	M356	X	16.106	.5
101	M356	Z	27.896	.5
102	M356	Mx	0	.5
103	M364	X	1.173	.25
104	M364	Z	2.032	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4A	X	0	1.25
2	MP4A	Z	19.862	1.25
3	MP4A	Mx	0	1.25
4	MP4A	X	0	4.75
5	MP4A	Z	19.862	4.75
6	MP4A	Mx	0	4.75
7	MP4B	X	0	1.25
8	MP4B	Z	13.572	1.25
9	MP4B	Mx	-0.009	1.25
10	MP4B	X	0	4.75
11	MP4B	Z	13.572	4.75
12	MP4B	Mx	-0.009	4.75
13	MP4C	X	0	1.25
14	MP4C	Z	13.572	1.25
15	MP4C	Mx	.009	1.25
16	MP4C	X	0	4.75
17	MP4C	Z	13.572	4.75
18	MP4C	Mx	.009	4.75
19	MP3A	X	0	1.25
20	MP3A	Z	33.188	1.25
21	MP3A	Mx	.022	1.25
22	MP3A	X	0	4.75
23	MP3A	Z	33.188	4.75
24	MP3A	Mx	.022	4.75
25	MP3B	X	0	1.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
26	MP3B	Z	25.777	1.25
27	MP3B	Mx	-.027	1.25
28	MP3B	X	0	4.75
29	MP3B	Z	25.777	4.75
30	MP3B	Mx	-.027	4.75
31	MP3C	X	0	1.25
32	MP3C	Z	25.777	1.25
33	MP3C	Mx	.01	1.25
34	MP3C	X	0	4.75
35	MP3C	Z	25.777	4.75
36	MP3C	Mx	.01	4.75
37	MP3A	X	0	1.25
38	MP3A	Z	33.188	1.25
39	MP3A	Mx	-.022	1.25
40	MP3A	X	0	4.75
41	MP3A	Z	33.188	4.75
42	MP3A	Mx	-.022	4.75
43	MP3B	X	0	1.25
44	MP3B	Z	25.777	1.25
45	MP3B	Mx	-.01	1.25
46	MP3B	X	0	4.75
47	MP3B	Z	25.777	4.75
48	MP3B	Mx	-.01	4.75
49	MP3C	X	0	1.25
50	MP3C	Z	25.777	1.25
51	MP3C	Mx	.027	1.25
52	MP3C	X	0	4.75
53	MP3C	Z	25.777	4.75
54	MP3C	Mx	.027	4.75
55	MP1A	X	0	.5
56	MP1A	Z	19.759	.5
57	MP1A	Mx	0	.5
58	MP1A	X	0	2.5
59	MP1A	Z	19.759	2.5
60	MP1A	Mx	0	2.5
61	MP1B	X	0	.5
62	MP1B	Z	11.503	.5
63	MP1B	Mx	-.005	.5
64	MP1B	X	0	2.5
65	MP1B	Z	11.503	2.5
66	MP1B	Mx	-.005	2.5
67	MP1C	X	0	.5
68	MP1C	Z	11.503	.5
69	MP1C	Mx	.005	.5
70	MP1C	X	0	2.5
71	MP1C	Z	11.503	2.5
72	MP1C	Mx	.005	2.5
73	MP1A	X	0	6.48
74	MP1A	Z	9.111	6.48
75	MP1A	Mx	0	6.48
76	MP1B	X	0	6.48
77	MP1B	Z	7.099	6.48
78	MP1B	Mx	-.003	6.48
79	MP1C	X	0	6.48
80	MP1C	Z	7.099	6.48
81	MP1C	Mx	.003	6.48
82	MP3A	X	0	3.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
83	MP3A	Z	17.085	3.75
84	MP3A	Mx	0	3.75
85	MP3B	X	0	3.75
86	MP3B	Z	13.346	3.75
87	MP3B	Mx	.006	3.75
88	MP3C	X	0	3.75
89	MP3C	Z	13.346	3.75
90	MP3C	Mx	-.006	3.75
91	MP1A	X	0	3.75
92	MP1A	Z	17.085	3.75
93	MP1A	Mx	0	3.75
94	MP1B	X	0	3.75
95	MP1B	Z	11.925	3.75
96	MP1B	Mx	.005	3.75
97	MP1C	X	0	3.75
98	MP1C	Z	11.925	3.75
99	MP1C	Mx	-.005	3.75
100	M356	X	0	.5
101	M356	Z	29.764	.5
102	M356	Mx	0	.5
103	M364	X	0	.25
104	M364	Z	2.236	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP4A	X	-8.883	1.25
2	MP4A	Z	15.385	1.25
3	MP4A	Mx	.007	1.25
4	MP4A	X	-8.883	4.75
5	MP4A	Z	15.385	4.75
6	MP4A	Mx	.007	4.75
7	MP4B	X	-5.738	1.25
8	MP4B	Z	9.938	1.25
9	MP4B	Mx	-.009	1.25
10	MP4B	X	-5.738	4.75
11	MP4B	Z	9.938	4.75
12	MP4B	Mx	-.009	4.75
13	MP4C	X	-8.883	1.25
14	MP4C	Z	15.385	1.25
15	MP4C	Mx	.007	1.25
16	MP4C	X	-8.883	4.75
17	MP4C	Z	15.385	4.75
18	MP4C	Mx	.007	4.75
19	MP3A	X	-15.359	1.25
20	MP3A	Z	26.602	1.25
21	MP3A	Mx	.031	1.25
22	MP3A	X	-15.359	4.75
23	MP3A	Z	26.602	4.75
24	MP3A	Mx	.031	4.75
25	MP3B	X	-11.653	1.25
26	MP3B	Z	20.184	1.25
27	MP3B	Mx	-.019	1.25
28	MP3B	X	-11.653	4.75
29	MP3B	Z	20.184	4.75
30	MP3B	Mx	-.019	4.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
31	MP3C	X	-15.359	1.25
32	MP3C	Z	26.602	1.25
33	MP3C	Mx	-.005	1.25
34	MP3C	X	-15.359	4.75
35	MP3C	Z	26.602	4.75
36	MP3C	Mx	-.005	4.75
37	MP3A	X	-15.359	1.25
38	MP3A	Z	26.602	1.25
39	MP3A	Mx	-.005	1.25
40	MP3A	X	-15.359	4.75
41	MP3A	Z	26.602	4.75
42	MP3A	Mx	-.005	4.75
43	MP3B	X	-11.653	1.25
44	MP3B	Z	20.184	1.25
45	MP3B	Mx	-.019	1.25
46	MP3B	X	-11.653	4.75
47	MP3B	Z	20.184	4.75
48	MP3B	Mx	-.019	4.75
49	MP3C	X	-15.359	1.25
50	MP3C	Z	26.602	1.25
51	MP3C	Mx	.031	1.25
52	MP3C	X	-15.359	4.75
53	MP3C	Z	26.602	4.75
54	MP3C	Mx	.031	4.75
55	MP1A	X	-8.504	.5
56	MP1A	Z	14.729	.5
57	MP1A	Mx	.004	.5
58	MP1A	X	-8.504	2.5
59	MP1A	Z	14.729	2.5
60	MP1A	Mx	.004	2.5
61	MP1B	X	-4.376	.5
62	MP1B	Z	7.579	.5
63	MP1B	Mx	-.004	.5
64	MP1B	X	-4.376	2.5
65	MP1B	Z	7.579	2.5
66	MP1B	Mx	-.004	2.5
67	MP1C	X	-8.504	.5
68	MP1C	Z	14.729	.5
69	MP1C	Mx	.004	.5
70	MP1C	X	-8.504	2.5
71	MP1C	Z	14.729	2.5
72	MP1C	Mx	.004	2.5
73	MP1A	X	-4.22	6.48
74	MP1A	Z	7.31	6.48
75	MP1A	Mx	.002	6.48
76	MP1B	X	-3.214	6.48
77	MP1B	Z	5.567	6.48
78	MP1B	Mx	-.003	6.48
79	MP1C	X	-4.22	6.48
80	MP1C	Z	7.31	6.48
81	MP1C	Mx	.002	6.48
82	MP3A	X	-7.919	3.75
83	MP3A	Z	13.717	3.75
84	MP3A	Mx	-.004	3.75
85	MP3B	X	-6.05	3.75
86	MP3B	Z	10.479	3.75
87	MP3B	Mx	.006	3.75





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
88	MP3C	X	-7.919	3.75
89	MP3C	Z	13.717	3.75
90	MP3C	Mx	-.004	3.75
91	MP1A	X	-7.682	3.75
92	MP1A	Z	13.306	3.75
93	MP1A	Mx	-.004	3.75
94	MP1B	X	-5.103	3.75
95	MP1B	Z	8.838	3.75
96	MP1B	Mx	.005	3.75
97	MP1C	X	-7.682	3.75
98	MP1C	Z	13.306	3.75
99	MP1C	Mx	-.004	3.75
100	M356	X	-12.434	.5
101	M356	Z	21.536	.5
102	M356	Mx	0	.5
103	M364	X	-1.008	.25
104	M364	Z	1.747	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4A	X	-11.754	1.25
2	MP4A	Z	6.786	1.25
3	MP4A	Mx	.009	1.25
4	MP4A	X	-11.754	4.75
5	MP4A	Z	6.786	4.75
6	MP4A	Mx	.009	4.75
7	MP4B	X	-11.754	1.25
8	MP4B	Z	6.786	1.25
9	MP4B	Mx	-.009	1.25
10	MP4B	X	-11.754	4.75
11	MP4B	Z	6.786	4.75
12	MP4B	Mx	-.009	4.75
13	MP4C	X	-17.201	1.25
14	MP4C	Z	9.931	1.25
15	MP4C	Mx	0	1.25
16	MP4C	X	-17.201	4.75
17	MP4C	Z	9.931	4.75
18	MP4C	Mx	0	4.75
19	MP3A	X	-22.323	1.25
20	MP3A	Z	12.888	1.25
21	MP3A	Mx	.027	1.25
22	MP3A	X	-22.323	4.75
23	MP3A	Z	12.888	4.75
24	MP3A	Mx	.027	4.75
25	MP3B	X	-22.323	1.25
26	MP3B	Z	12.888	1.25
27	MP3B	Mx	-.01	1.25
28	MP3B	X	-22.323	4.75
29	MP3B	Z	12.888	4.75
30	MP3B	Mx	-.01	4.75
31	MP3C	X	-28.742	1.25
32	MP3C	Z	16.594	1.25
33	MP3C	Mx	-.022	1.25
34	MP3C	X	-28.742	4.75
35	MP3C	Z	16.594	4.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
36	MP3C	Mx	-.022	4.75
37	MP3A	X	-22.323	1.25
38	MP3A	Z	12.888	1.25
39	MP3A	Mx	.01	1.25
40	MP3A	X	-22.323	4.75
41	MP3A	Z	12.888	4.75
42	MP3A	Mx	.01	4.75
43	MP3B	X	-22.323	1.25
44	MP3B	Z	12.888	1.25
45	MP3B	Mx	-.027	1.25
46	MP3B	X	-22.323	4.75
47	MP3B	Z	12.888	4.75
48	MP3B	Mx	-.027	4.75
49	MP3C	X	-28.742	1.25
50	MP3C	Z	16.594	1.25
51	MP3C	Mx	.022	1.25
52	MP3C	X	-28.742	4.75
53	MP3C	Z	16.594	4.75
54	MP3C	Mx	.022	4.75
55	MP1A	X	-9.962	.5
56	MP1A	Z	5.752	.5
57	MP1A	Mx	.005	.5
58	MP1A	X	-9.962	2.5
59	MP1A	Z	5.752	2.5
60	MP1A	Mx	.005	2.5
61	MP1B	X	-9.962	.5
62	MP1B	Z	5.752	.5
63	MP1B	Mx	-.005	.5
64	MP1B	X	-9.962	2.5
65	MP1B	Z	5.752	2.5
66	MP1B	Mx	-.005	2.5
67	MP1C	X	-17.112	.5
68	MP1C	Z	9.88	.5
69	MP1C	Mx	0	.5
70	MP1C	X	-17.112	2.5
71	MP1C	Z	9.88	2.5
72	MP1C	Mx	0	2.5
73	MP1A	X	-6.148	6.48
74	MP1A	Z	3.55	6.48
75	MP1A	Mx	.003	6.48
76	MP1B	X	-6.148	6.48
77	MP1B	Z	3.55	6.48
78	MP1B	Mx	-.003	6.48
79	MP1C	X	-7.891	6.48
80	MP1C	Z	4.556	6.48
81	MP1C	Mx	0	6.48
82	MP3A	X	-11.558	3.75
83	MP3A	Z	6.673	3.75
84	MP3A	Mx	-.006	3.75
85	MP3B	X	-11.558	3.75
86	MP3B	Z	6.673	3.75
87	MP3B	Mx	.006	3.75
88	MP3C	X	-14.796	3.75
89	MP3C	Z	8.542	3.75
90	MP3C	Mx	0	3.75
91	MP1A	X	-10.328	3.75
92	MP1A	Z	5.963	3.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
93	MP1A	Mx	-.005	3.75
94	MP1B	X	-10.328	3.75
95	MP1B	Z	5.963	3.75
96	MP1B	Mx	.005	3.75
97	MP1C	X	-14.796	3.75
98	MP1C	Z	8.542	3.75
99	MP1C	Mx	0	3.75
100	M356	X	-19.416	.5
101	M356	Z	11.21	.5
102	M356	Mx	0	.5
103	M364	X	-1.652	.25
104	M364	Z	.954	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP4A	X	-11.475	1.25
2	MP4A	Z	0	1.25
3	MP4A	Mx	.009	1.25
4	MP4A	X	-11.475	4.75
5	MP4A	Z	0	4.75
6	MP4A	Mx	.009	4.75
7	MP4B	X	-17.765	1.25
8	MP4B	Z	0	1.25
9	MP4B	Mx	-.007	1.25
10	MP4B	X	-17.765	4.75
11	MP4B	Z	0	4.75
12	MP4B	Mx	-.007	4.75
13	MP4C	X	-17.765	1.25
14	MP4C	Z	0	1.25
15	MP4C	Mx	-.007	1.25
16	MP4C	X	-17.765	4.75
17	MP4C	Z	0	4.75
18	MP4C	Mx	-.007	4.75
19	MP3A	X	-23.306	1.25
20	MP3A	Z	0	1.25
21	MP3A	Mx	.019	1.25
22	MP3A	X	-23.306	4.75
23	MP3A	Z	0	4.75
24	MP3A	Mx	.019	4.75
25	MP3B	X	-30.717	1.25
26	MP3B	Z	0	1.25
27	MP3B	Mx	.005	1.25
28	MP3B	X	-30.717	4.75
29	MP3B	Z	0	4.75
30	MP3B	Mx	.005	4.75
31	MP3C	X	-30.717	1.25
32	MP3C	Z	0	1.25
33	MP3C	Mx	-.031	1.25
34	MP3C	X	-30.717	4.75
35	MP3C	Z	0	4.75
36	MP3C	Mx	-.031	4.75
37	MP3A	X	-23.306	1.25
38	MP3A	Z	0	1.25
39	MP3A	Mx	.019	1.25
40	MP3A	X	-23.306	4.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
41	MP3A	Z	0	4.75
42	MP3A	Mx	.019	4.75
43	MP3B	X	-30.717	1.25
44	MP3B	Z	0	1.25
45	MP3B	Mx	-.031	1.25
46	MP3B	X	-30.717	4.75
47	MP3B	Z	0	4.75
48	MP3B	Mx	-.031	4.75
49	MP3C	X	-30.717	1.25
50	MP3C	Z	0	1.25
51	MP3C	Mx	.005	1.25
52	MP3C	X	-30.717	4.75
53	MP3C	Z	0	4.75
54	MP3C	Mx	.005	4.75
55	MP1A	X	-8.751	.5
56	MP1A	Z	0	.5
57	MP1A	Mx	.004	.5
58	MP1A	X	-8.751	2.5
59	MP1A	Z	0	2.5
60	MP1A	Mx	.004	2.5
61	MP1B	X	-17.007	.5
62	MP1B	Z	0	.5
63	MP1B	Mx	-.004	.5
64	MP1B	X	-17.007	2.5
65	MP1B	Z	0	2.5
66	MP1B	Mx	-.004	2.5
67	MP1C	X	-17.007	.5
68	MP1C	Z	0	.5
69	MP1C	Mx	-.004	.5
70	MP1C	X	-17.007	2.5
71	MP1C	Z	0	2.5
72	MP1C	Mx	-.004	2.5
73	MP1A	X	-6.428	6.48
74	MP1A	Z	0	6.48
75	MP1A	Mx	.003	6.48
76	MP1B	X	-8.44	6.48
77	MP1B	Z	0	6.48
78	MP1B	Mx	-.002	6.48
79	MP1C	X	-8.44	6.48
80	MP1C	Z	0	6.48
81	MP1C	Mx	-.002	6.48
82	MP3A	X	-12.1	3.75
83	MP3A	Z	0	3.75
84	MP3A	Mx	-.006	3.75
85	MP3B	X	-15.838	3.75
86	MP3B	Z	0	3.75
87	MP3B	Mx	.004	3.75
88	MP3C	X	-15.838	3.75
89	MP3C	Z	0	3.75
90	MP3C	Mx	.004	3.75
91	MP1A	X	-10.206	3.75
92	MP1A	Z	0	3.75
93	MP1A	Mx	-.005	3.75
94	MP1B	X	-15.365	3.75
95	MP1B	Z	0	3.75
96	MP1B	Mx	.004	3.75
97	MP1C	X	-15.365	3.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
98	MP1C	Z	0	3.75
99	MP1C	Mx	.004	3.75
100	M356	X	-24.867	.5
101	M356	Z	0	.5
102	M356	Mx	0	.5
103	M364	X	-2.017	.25
104	M364	Z	0	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4A	X	-11.754	1.25
2	MP4A	Z	-6.786	1.25
3	MP4A	Mx	.009	1.25
4	MP4A	X	-11.754	4.75
5	MP4A	Z	-6.786	4.75
6	MP4A	Mx	.009	4.75
7	MP4B	X	-17.201	1.25
8	MP4B	Z	-9.931	1.25
9	MP4B	Mx	0	1.25
10	MP4B	X	-17.201	4.75
11	MP4B	Z	-9.931	4.75
12	MP4B	Mx	0	4.75
13	MP4C	X	-11.754	1.25
14	MP4C	Z	-6.786	1.25
15	MP4C	Mx	-.009	1.25
16	MP4C	X	-11.754	4.75
17	MP4C	Z	-6.786	4.75
18	MP4C	Mx	-.009	4.75
19	MP3A	X	-22.323	1.25
20	MP3A	Z	-12.888	1.25
21	MP3A	Mx	.01	1.25
22	MP3A	X	-22.323	4.75
23	MP3A	Z	-12.888	4.75
24	MP3A	Mx	.01	4.75
25	MP3B	X	-28.742	1.25
26	MP3B	Z	-16.594	1.25
27	MP3B	Mx	.022	1.25
28	MP3B	X	-28.742	4.75
29	MP3B	Z	-16.594	4.75
30	MP3B	Mx	.022	4.75
31	MP3C	X	-22.323	1.25
32	MP3C	Z	-12.888	1.25
33	MP3C	Mx	-.027	1.25
34	MP3C	X	-22.323	4.75
35	MP3C	Z	-12.888	4.75
36	MP3C	Mx	-.027	4.75
37	MP3A	X	-22.323	1.25
38	MP3A	Z	-12.888	1.25
39	MP3A	Mx	.027	1.25
40	MP3A	X	-22.323	4.75
41	MP3A	Z	-12.888	4.75
42	MP3A	Mx	.027	4.75
43	MP3B	X	-28.742	1.25
44	MP3B	Z	-16.594	1.25
45	MP3B	Mx	-.022	1.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
46	MP3B	X	-28.742	4.75
47	MP3B	Z	-16.594	4.75
48	MP3B	Mx	-.022	4.75
49	MP3C	X	-22.323	1.25
50	MP3C	Z	-12.888	1.25
51	MP3C	Mx	-.01	1.25
52	MP3C	X	-22.323	4.75
53	MP3C	Z	-12.888	4.75
54	MP3C	Mx	-.01	4.75
55	MP1A	X	-9.962	.5
56	MP1A	Z	-5.752	.5
57	MP1A	Mx	.005	.5
58	MP1A	X	-9.962	2.5
59	MP1A	Z	-5.752	2.5
60	MP1A	Mx	.005	2.5
61	MP1B	X	-17.112	.5
62	MP1B	Z	-9.88	.5
63	MP1B	Mx	0	.5
64	MP1B	X	-17.112	2.5
65	MP1B	Z	-9.88	2.5
66	MP1B	Mx	0	2.5
67	MP1C	X	-9.962	.5
68	MP1C	Z	-5.752	.5
69	MP1C	Mx	-.005	.5
70	MP1C	X	-9.962	2.5
71	MP1C	Z	-5.752	2.5
72	MP1C	Mx	-.005	2.5
73	MP1A	X	-6.148	6.48
74	MP1A	Z	-3.55	6.48
75	MP1A	Mx	.003	6.48
76	MP1B	X	-7.891	6.48
77	MP1B	Z	-4.556	6.48
78	MP1B	Mx	0	6.48
79	MP1C	X	-6.148	6.48
80	MP1C	Z	-3.55	6.48
81	MP1C	Mx	-.003	6.48
82	MP3A	X	-11.558	3.75
83	MP3A	Z	-6.673	3.75
84	MP3A	Mx	-.006	3.75
85	MP3B	X	-14.796	3.75
86	MP3B	Z	-8.542	3.75
87	MP3B	Mx	0	3.75
88	MP3C	X	-11.558	3.75
89	MP3C	Z	-6.673	3.75
90	MP3C	Mx	.006	3.75
91	MP1A	X	-10.328	3.75
92	MP1A	Z	-5.963	3.75
93	MP1A	Mx	-.005	3.75
94	MP1B	X	-14.796	3.75
95	MP1B	Z	-8.542	3.75
96	MP1B	Mx	0	3.75
97	MP1C	X	-10.328	3.75
98	MP1C	Z	-5.963	3.75
99	MP1C	Mx	.005	3.75
100	M356	X	-25.776	.5
101	M356	Z	-14.882	.5
102	M356	Mx	0	.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
103	M364	X	-1.937	.25
104	M364	Z	-1.118	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP4A	X	-8.883	1.25
2	MP4A	Z	-15.385	1.25
3	MP4A	Mx	.007	1.25
4	MP4A	X	-8.883	4.75
5	MP4A	Z	-15.385	4.75
6	MP4A	Mx	.007	4.75
7	MP4B	X	-8.883	1.25
8	MP4B	Z	-15.385	1.25
9	MP4B	Mx	.007	1.25
10	MP4B	X	-8.883	4.75
11	MP4B	Z	-15.385	4.75
12	MP4B	Mx	.007	4.75
13	MP4C	X	-5.738	1.25
14	MP4C	Z	-9.938	1.25
15	MP4C	Mx	-.009	1.25
16	MP4C	X	-5.738	4.75
17	MP4C	Z	-9.938	4.75
18	MP4C	Mx	-.009	4.75
19	MP3A	X	-15.359	1.25
20	MP3A	Z	-26.602	1.25
21	MP3A	Mx	-.005	1.25
22	MP3A	X	-15.359	4.75
23	MP3A	Z	-26.602	4.75
24	MP3A	Mx	-.005	4.75
25	MP3B	X	-15.359	1.25
26	MP3B	Z	-26.602	1.25
27	MP3B	Mx	.031	1.25
28	MP3B	X	-15.359	4.75
29	MP3B	Z	-26.602	4.75
30	MP3B	Mx	.031	4.75
31	MP3C	X	-11.653	1.25
32	MP3C	Z	-20.184	1.25
33	MP3C	Mx	-.019	1.25
34	MP3C	X	-11.653	4.75
35	MP3C	Z	-20.184	4.75
36	MP3C	Mx	-.019	4.75
37	MP3A	X	-15.359	1.25
38	MP3A	Z	-26.602	1.25
39	MP3A	Mx	.031	1.25
40	MP3A	X	-15.359	4.75
41	MP3A	Z	-26.602	4.75
42	MP3A	Mx	.031	4.75
43	MP3B	X	-15.359	1.25
44	MP3B	Z	-26.602	1.25
45	MP3B	Mx	-.005	1.25
46	MP3B	X	-15.359	4.75
47	MP3B	Z	-26.602	4.75
48	MP3B	Mx	-.005	4.75
49	MP3C	X	-11.653	1.25
50	MP3C	Z	-20.184	1.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
51	MP3C	Mx	-.019	1.25
52	MP3C	X	-11.653	4.75
53	MP3C	Z	-20.184	4.75
54	MP3C	Mx	-.019	4.75
55	MP1A	X	-8.504	.5
56	MP1A	Z	-14.729	.5
57	MP1A	Mx	.004	.5
58	MP1A	X	-8.504	2.5
59	MP1A	Z	-14.729	2.5
60	MP1A	Mx	.004	2.5
61	MP1B	X	-8.504	.5
62	MP1B	Z	-14.729	.5
63	MP1B	Mx	.004	.5
64	MP1B	X	-8.504	2.5
65	MP1B	Z	-14.729	2.5
66	MP1B	Mx	.004	2.5
67	MP1C	X	-4.376	.5
68	MP1C	Z	-7.579	.5
69	MP1C	Mx	-.004	.5
70	MP1C	X	-4.376	2.5
71	MP1C	Z	-7.579	2.5
72	MP1C	Mx	-.004	2.5
73	MP1A	X	-4.22	6.48
74	MP1A	Z	-7.31	6.48
75	MP1A	Mx	.002	6.48
76	MP1B	X	-4.22	6.48
77	MP1B	Z	-7.31	6.48
78	MP1B	Mx	.002	6.48
79	MP1C	X	-3.214	6.48
80	MP1C	Z	-5.567	6.48
81	MP1C	Mx	-.003	6.48
82	MP3A	X	-7.919	3.75
83	MP3A	Z	-13.717	3.75
84	MP3A	Mx	-.004	3.75
85	MP3B	X	-7.919	3.75
86	MP3B	Z	-13.717	3.75
87	MP3B	Mx	-.004	3.75
88	MP3C	X	-6.05	3.75
89	MP3C	Z	-10.479	3.75
90	MP3C	Mx	.006	3.75
91	MP1A	X	-7.682	3.75
92	MP1A	Z	-13.306	3.75
93	MP1A	Mx	-.004	3.75
94	MP1B	X	-7.682	3.75
95	MP1B	Z	-13.306	3.75
96	MP1B	Mx	-.004	3.75
97	MP1C	X	-5.103	3.75
98	MP1C	Z	-8.838	3.75
99	MP1C	Mx	.005	3.75
100	M356	X	-16.106	.5
101	M356	Z	-27.896	.5
102	M356	Mx	0	.5
103	M364	X	-1.173	.25
104	M364	Z	-2.032	.25
105	M364	Mx	0	.25





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP4A	X	0	1.25
2	MP4A	Z	-5.988	1.25
3	MP4A	Mx	0	1.25
4	MP4A	X	0	4.75
5	MP4A	Z	-5.988	4.75
6	MP4A	Mx	0	4.75
7	MP4B	X	0	1.25
8	MP4B	Z	-3.819	1.25
9	MP4B	Mx	.003	1.25
10	MP4B	X	0	4.75
11	MP4B	Z	-3.819	4.75
12	MP4B	Mx	.003	4.75
13	MP4C	X	0	1.25
14	MP4C	Z	-3.819	1.25
15	MP4C	Mx	-.003	1.25
16	MP4C	X	0	4.75
17	MP4C	Z	-3.819	4.75
18	MP4C	Mx	-.003	4.75
19	MP3A	X	0	1.25
20	MP3A	Z	-10.353	1.25
21	MP3A	Mx	-.007	1.25
22	MP3A	X	0	4.75
23	MP3A	Z	-10.353	4.75
24	MP3A	Mx	-.007	4.75
25	MP3B	X	0	1.25
26	MP3B	Z	-7.723	1.25
27	MP3B	Mx	.008	1.25
28	MP3B	X	0	4.75
29	MP3B	Z	-7.723	4.75
30	MP3B	Mx	.008	4.75
31	MP3C	X	0	1.25
32	MP3C	Z	-7.723	1.25
33	MP3C	Mx	-.003	1.25
34	MP3C	X	0	4.75
35	MP3C	Z	-7.723	4.75
36	MP3C	Mx	-.003	4.75
37	MP3A	X	0	1.25
38	MP3A	Z	-10.353	1.25
39	MP3A	Mx	.007	1.25
40	MP3A	X	0	4.75
41	MP3A	Z	-10.353	4.75
42	MP3A	Mx	.007	4.75
43	MP3B	X	0	1.25
44	MP3B	Z	-7.723	1.25
45	MP3B	Mx	.003	1.25
46	MP3B	X	0	4.75
47	MP3B	Z	-7.723	4.75
48	MP3B	Mx	.003	4.75
49	MP3C	X	0	1.25
50	MP3C	Z	-7.723	1.25
51	MP3C	Mx	-.008	1.25
52	MP3C	X	0	4.75
53	MP3C	Z	-7.723	4.75
54	MP3C	Mx	-.008	4.75
55	MP1A	X	0	.5
56	MP1A	Z	-5.963	.5
57	MP1A	Mx	0	.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP1A	X	0	2.5
59	MP1A	Z	-5.963	2.5
60	MP1A	Mx	0	2.5
61	MP1B	X	0	.5
62	MP1B	Z	-3.242	.5
63	MP1B	Mx	.001	.5
64	MP1B	X	0	2.5
65	MP1B	Z	-3.242	2.5
66	MP1B	Mx	.001	2.5
67	MP1C	X	0	.5
68	MP1C	Z	-3.242	.5
69	MP1C	Mx	-.001	.5
70	MP1C	X	0	2.5
71	MP1C	Z	-3.242	2.5
72	MP1C	Mx	-.001	2.5
73	MP1A	X	0	6.48
74	MP1A	Z	-2.258	6.48
75	MP1A	Mx	0	6.48
76	MP1B	X	0	6.48
77	MP1B	Z	-1.637	6.48
78	MP1B	Mx	.000709	6.48
79	MP1C	X	0	6.48
80	MP1C	Z	-1.637	6.48
81	MP1C	Mx	-.000709	6.48
82	MP3A	X	0	3.75
83	MP3A	Z	-4.745	3.75
84	MP3A	Mx	0	3.75
85	MP3B	X	0	3.75
86	MP3B	Z	-3.565	3.75
87	MP3B	Mx	-.002	3.75
88	MP3C	X	0	3.75
89	MP3C	Z	-3.565	3.75
90	MP3C	Mx	.002	3.75
91	MP1A	X	0	3.75
92	MP1A	Z	-4.745	3.75
93	MP1A	Mx	0	3.75
94	MP1B	X	0	3.75
95	MP1B	Z	-3.113	3.75
96	MP1B	Mx	-.001	3.75
97	MP1C	X	0	3.75
98	MP1C	Z	-3.113	3.75
99	MP1C	Mx	.001	3.75
100	M356	X	0	.5
101	M356	Z	-8.804	.5
102	M356	Mx	0	.5
103	M364	X	0	.25
104	M364	Z	-.173	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4A	X	2.633	1.25
2	MP4A	Z	-4.56	1.25
3	MP4A	Mx	-.002	1.25
4	MP4A	X	2.633	4.75
5	MP4A	Z	-4.56	4.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
6	MP4A	Mx	-0.002	4.75
7	MP4B	X	1.548	1.25
8	MP4B	Z	-2.681	1.25
9	MP4B	Mx	.002	1.25
10	MP4B	X	1.548	4.75
11	MP4B	Z	-2.681	4.75
12	MP4B	Mx	.002	4.75
13	MP4C	X	2.633	1.25
14	MP4C	Z	-4.56	1.25
15	MP4C	Mx	-0.002	1.25
16	MP4C	X	2.633	4.75
17	MP4C	Z	-4.56	4.75
18	MP4C	Mx	-0.002	4.75
19	MP3A	X	4.738	1.25
20	MP3A	Z	-8.207	1.25
21	MP3A	Mx	-0.009	1.25
22	MP3A	X	4.738	4.75
23	MP3A	Z	-8.207	4.75
24	MP3A	Mx	-0.009	4.75
25	MP3B	X	3.423	1.25
26	MP3B	Z	-5.929	1.25
27	MP3B	Mx	.006	1.25
28	MP3B	X	3.423	4.75
29	MP3B	Z	-5.929	4.75
30	MP3B	Mx	.006	4.75
31	MP3C	X	4.738	1.25
32	MP3C	Z	-8.207	1.25
33	MP3C	Mx	.002	1.25
34	MP3C	X	4.738	4.75
35	MP3C	Z	-8.207	4.75
36	MP3C	Mx	.002	4.75
37	MP3A	X	4.738	1.25
38	MP3A	Z	-8.207	1.25
39	MP3A	Mx	.002	1.25
40	MP3A	X	4.738	4.75
41	MP3A	Z	-8.207	4.75
42	MP3A	Mx	.002	4.75
43	MP3B	X	3.423	1.25
44	MP3B	Z	-5.929	1.25
45	MP3B	Mx	.006	1.25
46	MP3B	X	3.423	4.75
47	MP3B	Z	-5.929	4.75
48	MP3B	Mx	.006	4.75
49	MP3C	X	4.738	1.25
50	MP3C	Z	-8.207	1.25
51	MP3C	Mx	-0.009	1.25
52	MP3C	X	4.738	4.75
53	MP3C	Z	-8.207	4.75
54	MP3C	Mx	-0.009	4.75
55	MP1A	X	2.528	.5
56	MP1A	Z	-4.379	.5
57	MP1A	Mx	-0.001	.5
58	MP1A	X	2.528	2.5
59	MP1A	Z	-4.379	2.5
60	MP1A	Mx	-0.001	2.5
61	MP1B	X	1.167	.5
62	MP1B	Z	-2.022	.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
63	MP1B	Mx	.001	.5
64	MP1B	X	1.167	2.5
65	MP1B	Z	-2.022	2.5
66	MP1B	Mx	.001	2.5
67	MP1C	X	2.528	.5
68	MP1C	Z	-4.379	.5
69	MP1C	Mx	-.001	.5
70	MP1C	X	2.528	2.5
71	MP1C	Z	-4.379	2.5
72	MP1C	Mx	-.001	2.5
73	MP1A	X	1.026	6.48
74	MP1A	Z	-1.777	6.48
75	MP1A	Mx	-.000513	6.48
76	MP1B	X	.715	6.48
77	MP1B	Z	-1.239	6.48
78	MP1B	Mx	.000715	6.48
79	MP1C	X	1.026	6.48
80	MP1C	Z	-1.777	6.48
81	MP1C	Mx	-.000513	6.48
82	MP3A	X	2.176	3.75
83	MP3A	Z	-3.769	3.75
84	MP3A	Mx	.001	3.75
85	MP3B	X	1.586	3.75
86	MP3B	Z	-2.747	3.75
87	MP3B	Mx	-.002	3.75
88	MP3C	X	2.176	3.75
89	MP3C	Z	-3.769	3.75
90	MP3C	Mx	.001	3.75
91	MP1A	X	2.101	3.75
92	MP1A	Z	-3.638	3.75
93	MP1A	Mx	.001	3.75
94	MP1B	X	1.285	3.75
95	MP1B	Z	-2.225	3.75
96	MP1B	Mx	-.001	3.75
97	MP1C	X	2.101	3.75
98	MP1C	Z	-3.638	3.75
99	MP1C	Mx	.001	3.75
100	M356	X	3.589	.5
101	M356	Z	-6.217	.5
102	M356	Mx	0	.5
103	M364	X	.107	.25
104	M364	Z	-.185	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP4A	X	3.307	1.25
2	MP4A	Z	-1.91	1.25
3	MP4A	Mx	-.003	1.25
4	MP4A	X	3.307	4.75
5	MP4A	Z	-1.91	4.75
6	MP4A	Mx	-.003	4.75
7	MP4B	X	3.307	1.25
8	MP4B	Z	-1.91	1.25
9	MP4B	Mx	.003	1.25
10	MP4B	X	3.307	4.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
11	MP4B	Z	-1.91	4.75
12	MP4B	Mx	.003	4.75
13	MP4C	X	5.186	1.25
14	MP4C	Z	-2.994	1.25
15	MP4C	Mx	0	1.25
16	MP4C	X	5.186	4.75
17	MP4C	Z	-2.994	4.75
18	MP4C	Mx	0	4.75
19	MP3A	X	6.688	1.25
20	MP3A	Z	-3.862	1.25
21	MP3A	Mx	-.008	1.25
22	MP3A	X	6.688	4.75
23	MP3A	Z	-3.862	4.75
24	MP3A	Mx	-.008	4.75
25	MP3B	X	6.688	1.25
26	MP3B	Z	-3.862	1.25
27	MP3B	Mx	.003	1.25
28	MP3B	X	6.688	4.75
29	MP3B	Z	-3.862	4.75
30	MP3B	Mx	.003	4.75
31	MP3C	X	8.966	1.25
32	MP3C	Z	-5.176	1.25
33	MP3C	Mx	.007	1.25
34	MP3C	X	8.966	4.75
35	MP3C	Z	-5.176	4.75
36	MP3C	Mx	.007	4.75
37	MP3A	X	6.688	1.25
38	MP3A	Z	-3.862	1.25
39	MP3A	Mx	-.003	1.25
40	MP3A	X	6.688	4.75
41	MP3A	Z	-3.862	4.75
42	MP3A	Mx	-.003	4.75
43	MP3B	X	6.688	1.25
44	MP3B	Z	-3.862	1.25
45	MP3B	Mx	.008	1.25
46	MP3B	X	6.688	4.75
47	MP3B	Z	-3.862	4.75
48	MP3B	Mx	.008	4.75
49	MP3C	X	8.966	1.25
50	MP3C	Z	-5.176	1.25
51	MP3C	Mx	-.007	1.25
52	MP3C	X	8.966	4.75
53	MP3C	Z	-5.176	4.75
54	MP3C	Mx	-.007	4.75
55	MP1A	X	2.807	.5
56	MP1A	Z	-1.621	.5
57	MP1A	Mx	-.001	.5
58	MP1A	X	2.807	2.5
59	MP1A	Z	-1.621	2.5
60	MP1A	Mx	-.001	2.5
61	MP1B	X	2.807	.5
62	MP1B	Z	-1.621	.5
63	MP1B	Mx	.001	.5
64	MP1B	X	2.807	2.5
65	MP1B	Z	-1.621	2.5
66	MP1B	Mx	.001	2.5
67	MP1C	X	5.164	.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
68	MP1C	Z	-2.982	.5
69	MP1C	Mx	0	.5
70	MP1C	X	5.164	2.5
71	MP1C	Z	-2.982	2.5
72	MP1C	Mx	0	2.5
73	MP1A	X	1.418	6.48
74	MP1A	Z	-819	6.48
75	MP1A	Mx	-.000709	6.48
76	MP1B	X	1.418	6.48
77	MP1B	Z	-819	6.48
78	MP1B	Mx	.000709	6.48
79	MP1C	X	1.956	6.48
80	MP1C	Z	-1.129	6.48
81	MP1C	Mx	0	6.48
82	MP3A	X	3.088	3.75
83	MP3A	Z	-1.783	3.75
84	MP3A	Mx	.002	3.75
85	MP3B	X	3.088	3.75
86	MP3B	Z	-1.783	3.75
87	MP3B	Mx	-.002	3.75
88	MP3C	X	4.109	3.75
89	MP3C	Z	-2.373	3.75
90	MP3C	Mx	0	3.75
91	MP1A	X	2.696	3.75
92	MP1A	Z	-1.557	3.75
93	MP1A	Mx	.001	3.75
94	MP1B	X	2.696	3.75
95	MP1B	Z	-1.557	3.75
96	MP1B	Mx	-.001	3.75
97	MP1C	X	4.109	3.75
98	MP1C	Z	-2.373	3.75
99	MP1C	Mx	0	3.75
100	M356	X	5.513	.5
101	M356	Z	-3.183	.5
102	M356	Mx	0	.5
103	M364	X	.203	.25
104	M364	Z	-.117	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4A	X	3.096	1.25
2	MP4A	Z	0	1.25
3	MP4A	Mx	-.002	1.25
4	MP4A	X	3.096	4.75
5	MP4A	Z	0	4.75
6	MP4A	Mx	-.002	4.75
7	MP4B	X	5.265	1.25
8	MP4B	Z	0	1.25
9	MP4B	Mx	.002	1.25
10	MP4B	X	5.265	4.75
11	MP4B	Z	0	4.75
12	MP4B	Mx	.002	4.75
13	MP4C	X	5.265	1.25
14	MP4C	Z	0	1.25
15	MP4C	Mx	.002	1.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
16	MP4C	X	5.265	4.75
17	MP4C	Z	0	4.75
18	MP4C	Mx	.002	4.75
19	MP3A	X	6.846	1.25
20	MP3A	Z	0	1.25
21	MP3A	Mx	-.006	1.25
22	MP3A	X	6.846	4.75
23	MP3A	Z	0	4.75
24	MP3A	Mx	-.006	4.75
25	MP3B	X	9.476	1.25
26	MP3B	Z	0	1.25
27	MP3B	Mx	-.002	1.25
28	MP3B	X	9.476	4.75
29	MP3B	Z	0	4.75
30	MP3B	Mx	-.002	4.75
31	MP3C	X	9.476	1.25
32	MP3C	Z	0	1.25
33	MP3C	Mx	.009	1.25
34	MP3C	X	9.476	4.75
35	MP3C	Z	0	4.75
36	MP3C	Mx	.009	4.75
37	MP3A	X	6.846	1.25
38	MP3A	Z	0	1.25
39	MP3A	Mx	-.006	1.25
40	MP3A	X	6.846	4.75
41	MP3A	Z	0	4.75
42	MP3A	Mx	-.006	4.75
43	MP3B	X	9.476	1.25
44	MP3B	Z	0	1.25
45	MP3B	Mx	.009	1.25
46	MP3B	X	9.476	4.75
47	MP3B	Z	0	4.75
48	MP3B	Mx	.009	4.75
49	MP3C	X	9.476	1.25
50	MP3C	Z	0	1.25
51	MP3C	Mx	-.002	1.25
52	MP3C	X	9.476	4.75
53	MP3C	Z	0	4.75
54	MP3C	Mx	-.002	4.75
55	MP1A	X	2.335	.5
56	MP1A	Z	0	.5
57	MP1A	Mx	-.001	.5
58	MP1A	X	2.335	2.5
59	MP1A	Z	0	2.5
60	MP1A	Mx	-.001	2.5
61	MP1B	X	5.056	.5
62	MP1B	Z	0	.5
63	MP1B	Mx	.001	.5
64	MP1B	X	5.056	2.5
65	MP1B	Z	0	2.5
66	MP1B	Mx	.001	2.5
67	MP1C	X	5.056	.5
68	MP1C	Z	0	.5
69	MP1C	Mx	.001	.5
70	MP1C	X	5.056	2.5
71	MP1C	Z	0	2.5
72	MP1C	Mx	.001	2.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
73	MP1A	X	1.43	6.48
74	MP1A	Z	0	6.48
75	MP1A	Mx	-.000715	6.48
76	MP1B	X	2.051	6.48
77	MP1B	Z	0	6.48
78	MP1B	Mx	.000513	6.48
79	MP1C	X	2.051	6.48
80	MP1C	Z	0	6.48
81	MP1C	Mx	.000513	6.48
82	MP3A	X	3.172	3.75
83	MP3A	Z	0	3.75
84	MP3A	Mx	.002	3.75
85	MP3B	X	4.352	3.75
86	MP3B	Z	0	3.75
87	MP3B	Mx	-.001	3.75
88	MP3C	X	4.352	3.75
89	MP3C	Z	0	3.75
90	MP3C	Mx	-.001	3.75
91	MP1A	X	2.569	3.75
92	MP1A	Z	0	3.75
93	MP1A	Mx	.001	3.75
94	MP1B	X	4.201	3.75
95	MP1B	Z	0	3.75
96	MP1B	Mx	-.001	3.75
97	MP1C	X	4.201	3.75
98	MP1C	Z	0	3.75
99	MP1C	Mx	-.001	3.75
100	M356	X	7.179	.5
101	M356	Z	0	.5
102	M356	Mx	0	.5
103	M364	X	.214	.25
104	M364	Z	0	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP4A	X	3.307	1.25
2	MP4A	Z	1.91	1.25
3	MP4A	Mx	-.003	1.25
4	MP4A	X	3.307	4.75
5	MP4A	Z	1.91	4.75
6	MP4A	Mx	-.003	4.75
7	MP4B	X	5.186	1.25
8	MP4B	Z	2.994	1.25
9	MP4B	Mx	0	1.25
10	MP4B	X	5.186	4.75
11	MP4B	Z	2.994	4.75
12	MP4B	Mx	0	4.75
13	MP4C	X	3.307	1.25
14	MP4C	Z	1.91	1.25
15	MP4C	Mx	.003	1.25
16	MP4C	X	3.307	4.75
17	MP4C	Z	1.91	4.75
18	MP4C	Mx	.003	4.75
19	MP3A	X	6.688	1.25
20	MP3A	Z	3.862	1.25





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
21	MP3A	Mx	-.003	1.25
22	MP3A	X	6.688	4.75
23	MP3A	Z	3.862	4.75
24	MP3A	Mx	-.003	4.75
25	MP3B	X	8.966	1.25
26	MP3B	Z	5.176	1.25
27	MP3B	Mx	-.007	1.25
28	MP3B	X	8.966	4.75
29	MP3B	Z	5.176	4.75
30	MP3B	Mx	-.007	4.75
31	MP3C	X	6.688	1.25
32	MP3C	Z	3.862	1.25
33	MP3C	Mx	.008	1.25
34	MP3C	X	6.688	4.75
35	MP3C	Z	3.862	4.75
36	MP3C	Mx	.008	4.75
37	MP3A	X	6.688	1.25
38	MP3A	Z	3.862	1.25
39	MP3A	Mx	-.008	1.25
40	MP3A	X	6.688	4.75
41	MP3A	Z	3.862	4.75
42	MP3A	Mx	-.008	4.75
43	MP3B	X	8.966	1.25
44	MP3B	Z	5.176	1.25
45	MP3B	Mx	.007	1.25
46	MP3B	X	8.966	4.75
47	MP3B	Z	5.176	4.75
48	MP3B	Mx	.007	4.75
49	MP3C	X	6.688	1.25
50	MP3C	Z	3.862	1.25
51	MP3C	Mx	.003	1.25
52	MP3C	X	6.688	4.75
53	MP3C	Z	3.862	4.75
54	MP3C	Mx	.003	4.75
55	MP1A	X	2.807	.5
56	MP1A	Z	1.621	.5
57	MP1A	Mx	-.001	.5
58	MP1A	X	2.807	2.5
59	MP1A	Z	1.621	2.5
60	MP1A	Mx	-.001	2.5
61	MP1B	X	5.164	.5
62	MP1B	Z	2.982	.5
63	MP1B	Mx	0	.5
64	MP1B	X	5.164	2.5
65	MP1B	Z	2.982	2.5
66	MP1B	Mx	0	2.5
67	MP1C	X	2.807	.5
68	MP1C	Z	1.621	.5
69	MP1C	Mx	.001	.5
70	MP1C	X	2.807	2.5
71	MP1C	Z	1.621	2.5
72	MP1C	Mx	.001	2.5
73	MP1A	X	1.418	6.48
74	MP1A	Z	.819	6.48
75	MP1A	Mx	-.000709	6.48
76	MP1B	X	1.956	6.48
77	MP1B	Z	1.129	6.48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
78	MP1B	Mx	0	6.48
79	MP1C	X	1.418	6.48
80	MP1C	Z	.819	6.48
81	MP1C	Mx	.000709	6.48
82	MP3A	X	3.088	3.75
83	MP3A	Z	1.783	3.75
84	MP3A	Mx	.002	3.75
85	MP3B	X	4.109	3.75
86	MP3B	Z	2.373	3.75
87	MP3B	Mx	0	3.75
88	MP3C	X	3.088	3.75
89	MP3C	Z	1.783	3.75
90	MP3C	Mx	-.002	3.75
91	MP1A	X	2.696	3.75
92	MP1A	Z	1.557	3.75
93	MP1A	Mx	.001	3.75
94	MP1B	X	4.109	3.75
95	MP1B	Z	2.373	3.75
96	MP1B	Mx	0	3.75
97	MP1C	X	2.696	3.75
98	MP1C	Z	1.557	3.75
99	MP1C	Mx	-.001	3.75
100	M356	X	7.625	.5
101	M356	Z	4.402	.5
102	M356	Mx	0	.5
103	M364	X	.15	.25
104	M364	Z	.086	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4A	X	2.633	1.25
2	MP4A	Z	4.56	1.25
3	MP4A	Mx	-.002	1.25
4	MP4A	X	2.633	4.75
5	MP4A	Z	4.56	4.75
6	MP4A	Mx	-.002	4.75
7	MP4B	X	2.633	1.25
8	MP4B	Z	4.56	1.25
9	MP4B	Mx	-.002	1.25
10	MP4B	X	2.633	4.75
11	MP4B	Z	4.56	4.75
12	MP4B	Mx	-.002	4.75
13	MP4C	X	1.548	1.25
14	MP4C	Z	2.681	1.25
15	MP4C	Mx	.002	1.25
16	MP4C	X	1.548	4.75
17	MP4C	Z	2.681	4.75
18	MP4C	Mx	.002	4.75
19	MP3A	X	4.738	1.25
20	MP3A	Z	8.207	1.25
21	MP3A	Mx	.002	1.25
22	MP3A	X	4.738	4.75
23	MP3A	Z	8.207	4.75
24	MP3A	Mx	.002	4.75
25	MP3B	X	4.738	1.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
26	MP3B	Z	8.207	1.25
27	MP3B	Mx	-0.009	1.25
28	MP3B	X	4.738	4.75
29	MP3B	Z	8.207	4.75
30	MP3B	Mx	-0.009	4.75
31	MP3C	X	3.423	1.25
32	MP3C	Z	5.929	1.25
33	MP3C	Mx	.006	1.25
34	MP3C	X	3.423	4.75
35	MP3C	Z	5.929	4.75
36	MP3C	Mx	.006	4.75
37	MP3A	X	4.738	1.25
38	MP3A	Z	8.207	1.25
39	MP3A	Mx	-0.009	1.25
40	MP3A	X	4.738	4.75
41	MP3A	Z	8.207	4.75
42	MP3A	Mx	-0.009	4.75
43	MP3B	X	4.738	1.25
44	MP3B	Z	8.207	1.25
45	MP3B	Mx	.002	1.25
46	MP3B	X	4.738	4.75
47	MP3B	Z	8.207	4.75
48	MP3B	Mx	.002	4.75
49	MP3C	X	3.423	1.25
50	MP3C	Z	5.929	1.25
51	MP3C	Mx	.006	1.25
52	MP3C	X	3.423	4.75
53	MP3C	Z	5.929	4.75
54	MP3C	Mx	.006	4.75
55	MP1A	X	2.528	.5
56	MP1A	Z	4.379	.5
57	MP1A	Mx	-0.001	.5
58	MP1A	X	2.528	2.5
59	MP1A	Z	4.379	2.5
60	MP1A	Mx	-0.001	2.5
61	MP1B	X	2.528	.5
62	MP1B	Z	4.379	.5
63	MP1B	Mx	-0.001	.5
64	MP1B	X	2.528	2.5
65	MP1B	Z	4.379	2.5
66	MP1B	Mx	-0.001	2.5
67	MP1C	X	1.167	.5
68	MP1C	Z	2.022	.5
69	MP1C	Mx	.001	.5
70	MP1C	X	1.167	2.5
71	MP1C	Z	2.022	2.5
72	MP1C	Mx	.001	2.5
73	MP1A	X	1.026	6.48
74	MP1A	Z	1.777	6.48
75	MP1A	Mx	-0.000513	6.48
76	MP1B	X	1.026	6.48
77	MP1B	Z	1.777	6.48
78	MP1B	Mx	-0.000513	6.48
79	MP1C	X	.715	6.48
80	MP1C	Z	1.239	6.48
81	MP1C	Mx	.000715	6.48
82	MP3A	X	2.176	3.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
83	MP3A	Z	3.769	3.75
84	MP3A	Mx	.001	3.75
85	MP3B	X	2.176	3.75
86	MP3B	Z	3.769	3.75
87	MP3B	Mx	.001	3.75
88	MP3C	X	1.586	3.75
89	MP3C	Z	2.747	3.75
90	MP3C	Mx	-.002	3.75
91	MP1A	X	2.101	3.75
92	MP1A	Z	3.638	3.75
93	MP1A	Mx	.001	3.75
94	MP1B	X	2.101	3.75
95	MP1B	Z	3.638	3.75
96	MP1B	Mx	.001	3.75
97	MP1C	X	1.285	3.75
98	MP1C	Z	2.225	3.75
99	MP1C	Mx	-.001	3.75
100	M356	X	4.809	.5
101	M356	Z	8.329	.5
102	M356	Mx	0	.5
103	M364	X	.076	.25
104	M364	Z	.132	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	0	1.25
2	MP4A	Z	5.988	1.25
3	MP4A	Mx	0	1.25
4	MP4A	X	0	4.75
5	MP4A	Z	5.988	4.75
6	MP4A	Mx	0	4.75
7	MP4B	X	0	1.25
8	MP4B	Z	3.819	1.25
9	MP4B	Mx	-.003	1.25
10	MP4B	X	0	4.75
11	MP4B	Z	3.819	4.75
12	MP4B	Mx	-.003	4.75
13	MP4C	X	0	1.25
14	MP4C	Z	3.819	1.25
15	MP4C	Mx	.003	1.25
16	MP4C	X	0	4.75
17	MP4C	Z	3.819	4.75
18	MP4C	Mx	.003	4.75
19	MP3A	X	0	1.25
20	MP3A	Z	10.353	1.25
21	MP3A	Mx	.007	1.25
22	MP3A	X	0	4.75
23	MP3A	Z	10.353	4.75
24	MP3A	Mx	.007	4.75
25	MP3B	X	0	1.25
26	MP3B	Z	7.723	1.25
27	MP3B	Mx	-.008	1.25
28	MP3B	X	0	4.75
29	MP3B	Z	7.723	4.75
30	MP3B	Mx	-.008	4.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
31	MP3C	X	0	1.25
32	MP3C	Z	7.723	1.25
33	MP3C	Mx	.003	1.25
34	MP3C	X	0	4.75
35	MP3C	Z	7.723	4.75
36	MP3C	Mx	.003	4.75
37	MP3A	X	0	1.25
38	MP3A	Z	10.353	1.25
39	MP3A	Mx	-.007	1.25
40	MP3A	X	0	4.75
41	MP3A	Z	10.353	4.75
42	MP3A	Mx	-.007	4.75
43	MP3B	X	0	1.25
44	MP3B	Z	7.723	1.25
45	MP3B	Mx	-.003	1.25
46	MP3B	X	0	4.75
47	MP3B	Z	7.723	4.75
48	MP3B	Mx	-.003	4.75
49	MP3C	X	0	1.25
50	MP3C	Z	7.723	1.25
51	MP3C	Mx	.008	1.25
52	MP3C	X	0	4.75
53	MP3C	Z	7.723	4.75
54	MP3C	Mx	.008	4.75
55	MP1A	X	0	.5
56	MP1A	Z	5.963	.5
57	MP1A	Mx	0	.5
58	MP1A	X	0	2.5
59	MP1A	Z	5.963	2.5
60	MP1A	Mx	0	2.5
61	MP1B	X	0	.5
62	MP1B	Z	3.242	.5
63	MP1B	Mx	-.001	.5
64	MP1B	X	0	2.5
65	MP1B	Z	3.242	2.5
66	MP1B	Mx	-.001	2.5
67	MP1C	X	0	.5
68	MP1C	Z	3.242	.5
69	MP1C	Mx	.001	.5
70	MP1C	X	0	2.5
71	MP1C	Z	3.242	2.5
72	MP1C	Mx	.001	2.5
73	MP1A	X	0	6.48
74	MP1A	Z	2.258	6.48
75	MP1A	Mx	0	6.48
76	MP1B	X	0	6.48
77	MP1B	Z	1.637	6.48
78	MP1B	Mx	-.000709	6.48
79	MP1C	X	0	6.48
80	MP1C	Z	1.637	6.48
81	MP1C	Mx	.000709	6.48
82	MP3A	X	0	3.75
83	MP3A	Z	4.745	3.75
84	MP3A	Mx	0	3.75
85	MP3B	X	0	3.75
86	MP3B	Z	3.565	3.75
87	MP3B	Mx	.002	3.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
88	MP3C	X	0	3.75
89	MP3C	Z	3.565	3.75
90	MP3C	Mx	-.002	3.75
91	MP1A	X	0	3.75
92	MP1A	Z	4.745	3.75
93	MP1A	Mx	0	3.75
94	MP1B	X	0	3.75
95	MP1B	Z	3.113	3.75
96	MP1B	Mx	.001	3.75
97	MP1C	X	0	3.75
98	MP1C	Z	3.113	3.75
99	MP1C	Mx	-.001	3.75
100	M356	X	0	.5
101	M356	Z	8.804	.5
102	M356	Mx	0	.5
103	M364	X	0	.25
104	M364	Z	.173	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4A	X	-2.633	1.25
2	MP4A	Z	4.56	1.25
3	MP4A	Mx	.002	1.25
4	MP4A	X	-2.633	4.75
5	MP4A	Z	4.56	4.75
6	MP4A	Mx	.002	4.75
7	MP4B	X	-1.548	1.25
8	MP4B	Z	2.681	1.25
9	MP4B	Mx	-.002	1.25
10	MP4B	X	-1.548	4.75
11	MP4B	Z	2.681	4.75
12	MP4B	Mx	-.002	4.75
13	MP4C	X	-2.633	1.25
14	MP4C	Z	4.56	1.25
15	MP4C	Mx	.002	1.25
16	MP4C	X	-2.633	4.75
17	MP4C	Z	4.56	4.75
18	MP4C	Mx	.002	4.75
19	MP3A	X	-4.738	1.25
20	MP3A	Z	8.207	1.25
21	MP3A	Mx	.009	1.25
22	MP3A	X	-4.738	4.75
23	MP3A	Z	8.207	4.75
24	MP3A	Mx	.009	4.75
25	MP3B	X	-3.423	1.25
26	MP3B	Z	5.929	1.25
27	MP3B	Mx	-.006	1.25
28	MP3B	X	-3.423	4.75
29	MP3B	Z	5.929	4.75
30	MP3B	Mx	-.006	4.75
31	MP3C	X	-4.738	1.25
32	MP3C	Z	8.207	1.25
33	MP3C	Mx	-.002	1.25
34	MP3C	X	-4.738	4.75
35	MP3C	Z	8.207	4.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
36	MP3C	Mx	-0.002	4.75
37	MP3A	X	-4.738	1.25
38	MP3A	Z	8.207	1.25
39	MP3A	Mx	-0.002	1.25
40	MP3A	X	-4.738	4.75
41	MP3A	Z	8.207	4.75
42	MP3A	Mx	-0.002	4.75
43	MP3B	X	-3.423	1.25
44	MP3B	Z	5.929	1.25
45	MP3B	Mx	-0.006	1.25
46	MP3B	X	-3.423	4.75
47	MP3B	Z	5.929	4.75
48	MP3B	Mx	-0.006	4.75
49	MP3C	X	-4.738	1.25
50	MP3C	Z	8.207	1.25
51	MP3C	Mx	.009	1.25
52	MP3C	X	-4.738	4.75
53	MP3C	Z	8.207	4.75
54	MP3C	Mx	.009	4.75
55	MP1A	X	-2.528	.5
56	MP1A	Z	4.379	.5
57	MP1A	Mx	.001	.5
58	MP1A	X	-2.528	2.5
59	MP1A	Z	4.379	2.5
60	MP1A	Mx	.001	2.5
61	MP1B	X	-1.167	.5
62	MP1B	Z	2.022	.5
63	MP1B	Mx	-0.001	.5
64	MP1B	X	-1.167	2.5
65	MP1B	Z	2.022	2.5
66	MP1B	Mx	-0.001	2.5
67	MP1C	X	-2.528	.5
68	MP1C	Z	4.379	.5
69	MP1C	Mx	.001	.5
70	MP1C	X	-2.528	2.5
71	MP1C	Z	4.379	2.5
72	MP1C	Mx	.001	2.5
73	MP1A	X	-1.026	6.48
74	MP1A	Z	1.777	6.48
75	MP1A	Mx	.000513	6.48
76	MP1B	X	-0.715	6.48
77	MP1B	Z	1.239	6.48
78	MP1B	Mx	-0.000715	6.48
79	MP1C	X	-1.026	6.48
80	MP1C	Z	1.777	6.48
81	MP1C	Mx	.000513	6.48
82	MP3A	X	-2.176	3.75
83	MP3A	Z	3.769	3.75
84	MP3A	Mx	-0.001	3.75
85	MP3B	X	-1.586	3.75
86	MP3B	Z	2.747	3.75
87	MP3B	Mx	.002	3.75
88	MP3C	X	-2.176	3.75
89	MP3C	Z	3.769	3.75
90	MP3C	Mx	-0.001	3.75
91	MP1A	X	-2.101	3.75
92	MP1A	Z	3.638	3.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
93	MP1A	Mx	-.001	3.75
94	MP1B	X	-1.285	3.75
95	MP1B	Z	2.225	3.75
96	MP1B	Mx	.001	3.75
97	MP1C	X	-2.101	3.75
98	MP1C	Z	3.638	3.75
99	MP1C	Mx	-.001	3.75
100	M356	X	-3.589	.5
101	M356	Z	6.217	.5
102	M356	Mx	0	.5
103	M364	X	-.107	.25
104	M364	Z	.185	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP4A	X	-3.307	1.25
2	MP4A	Z	1.91	1.25
3	MP4A	Mx	.003	1.25
4	MP4A	X	-3.307	4.75
5	MP4A	Z	1.91	4.75
6	MP4A	Mx	.003	4.75
7	MP4B	X	-3.307	1.25
8	MP4B	Z	1.91	1.25
9	MP4B	Mx	-.003	1.25
10	MP4B	X	-3.307	4.75
11	MP4B	Z	1.91	4.75
12	MP4B	Mx	-.003	4.75
13	MP4C	X	-5.186	1.25
14	MP4C	Z	2.994	1.25
15	MP4C	Mx	0	1.25
16	MP4C	X	-5.186	4.75
17	MP4C	Z	2.994	4.75
18	MP4C	Mx	0	4.75
19	MP3A	X	-6.688	1.25
20	MP3A	Z	3.862	1.25
21	MP3A	Mx	.008	1.25
22	MP3A	X	-6.688	4.75
23	MP3A	Z	3.862	4.75
24	MP3A	Mx	.008	4.75
25	MP3B	X	-6.688	1.25
26	MP3B	Z	3.862	1.25
27	MP3B	Mx	-.003	1.25
28	MP3B	X	-6.688	4.75
29	MP3B	Z	3.862	4.75
30	MP3B	Mx	-.003	4.75
31	MP3C	X	-8.966	1.25
32	MP3C	Z	5.176	1.25
33	MP3C	Mx	-.007	1.25
34	MP3C	X	-8.966	4.75
35	MP3C	Z	5.176	4.75
36	MP3C	Mx	-.007	4.75
37	MP3A	X	-6.688	1.25
38	MP3A	Z	3.862	1.25
39	MP3A	Mx	.003	1.25
40	MP3A	X	-6.688	4.75





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
41	MP3A	Z	3.862	4.75
42	MP3A	Mx	.003	4.75
43	MP3B	X	-6.688	1.25
44	MP3B	Z	3.862	1.25
45	MP3B	Mx	-.008	1.25
46	MP3B	X	-6.688	4.75
47	MP3B	Z	3.862	4.75
48	MP3B	Mx	-.008	4.75
49	MP3C	X	-8.966	1.25
50	MP3C	Z	5.176	1.25
51	MP3C	Mx	.007	1.25
52	MP3C	X	-8.966	4.75
53	MP3C	Z	5.176	4.75
54	MP3C	Mx	.007	4.75
55	MP1A	X	-2.807	.5
56	MP1A	Z	1.621	.5
57	MP1A	Mx	.001	.5
58	MP1A	X	-2.807	2.5
59	MP1A	Z	1.621	2.5
60	MP1A	Mx	.001	2.5
61	MP1B	X	-2.807	.5
62	MP1B	Z	1.621	.5
63	MP1B	Mx	-.001	.5
64	MP1B	X	-2.807	2.5
65	MP1B	Z	1.621	2.5
66	MP1B	Mx	-.001	2.5
67	MP1C	X	-5.164	.5
68	MP1C	Z	2.982	.5
69	MP1C	Mx	0	.5
70	MP1C	X	-5.164	2.5
71	MP1C	Z	2.982	2.5
72	MP1C	Mx	0	2.5
73	MP1A	X	-1.418	6.48
74	MP1A	Z	.819	6.48
75	MP1A	Mx	.000709	6.48
76	MP1B	X	-1.418	6.48
77	MP1B	Z	.819	6.48
78	MP1B	Mx	-.000709	6.48
79	MP1C	X	-1.956	6.48
80	MP1C	Z	1.129	6.48
81	MP1C	Mx	0	6.48
82	MP3A	X	-3.088	3.75
83	MP3A	Z	1.783	3.75
84	MP3A	Mx	-.002	3.75
85	MP3B	X	-3.088	3.75
86	MP3B	Z	1.783	3.75
87	MP3B	Mx	.002	3.75
88	MP3C	X	-4.109	3.75
89	MP3C	Z	2.373	3.75
90	MP3C	Mx	0	3.75
91	MP1A	X	-2.696	3.75
92	MP1A	Z	1.557	3.75
93	MP1A	Mx	-.001	3.75
94	MP1B	X	-2.696	3.75
95	MP1B	Z	1.557	3.75
96	MP1B	Mx	.001	3.75
97	MP1C	X	-4.109	3.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
98	MP1C	Z	2.373	3.75
99	MP1C	Mx	0	3.75
100	M356	X	-5.513	.5
101	M356	Z	3.183	.5
102	M356	Mx	0	.5
103	M364	X	-.203	.25
104	M364	Z	.117	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4A	X	-3.096	1.25
2	MP4A	Z	0	1.25
3	MP4A	Mx	.002	1.25
4	MP4A	X	-3.096	4.75
5	MP4A	Z	0	4.75
6	MP4A	Mx	.002	4.75
7	MP4B	X	-5.265	1.25
8	MP4B	Z	0	1.25
9	MP4B	Mx	-.002	1.25
10	MP4B	X	-5.265	4.75
11	MP4B	Z	0	4.75
12	MP4B	Mx	-.002	4.75
13	MP4C	X	-5.265	1.25
14	MP4C	Z	0	1.25
15	MP4C	Mx	-.002	1.25
16	MP4C	X	-5.265	4.75
17	MP4C	Z	0	4.75
18	MP4C	Mx	-.002	4.75
19	MP3A	X	-6.846	1.25
20	MP3A	Z	0	1.25
21	MP3A	Mx	.006	1.25
22	MP3A	X	-6.846	4.75
23	MP3A	Z	0	4.75
24	MP3A	Mx	.006	4.75
25	MP3B	X	-9.476	1.25
26	MP3B	Z	0	1.25
27	MP3B	Mx	.002	1.25
28	MP3B	X	-9.476	4.75
29	MP3B	Z	0	4.75
30	MP3B	Mx	.002	4.75
31	MP3C	X	-9.476	1.25
32	MP3C	Z	0	1.25
33	MP3C	Mx	-.009	1.25
34	MP3C	X	-9.476	4.75
35	MP3C	Z	0	4.75
36	MP3C	Mx	-.009	4.75
37	MP3A	X	-6.846	1.25
38	MP3A	Z	0	1.25
39	MP3A	Mx	.006	1.25
40	MP3A	X	-6.846	4.75
41	MP3A	Z	0	4.75
42	MP3A	Mx	.006	4.75
43	MP3B	X	-9.476	1.25
44	MP3B	Z	0	1.25
45	MP3B	Mx	-.009	1.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
46	MP3B	X	-9.476	4.75
47	MP3B	Z	0	4.75
48	MP3B	Mx	-.009	4.75
49	MP3C	X	-9.476	1.25
50	MP3C	Z	0	1.25
51	MP3C	Mx	.002	1.25
52	MP3C	X	-9.476	4.75
53	MP3C	Z	0	4.75
54	MP3C	Mx	.002	4.75
55	MP1A	X	-2.335	.5
56	MP1A	Z	0	.5
57	MP1A	Mx	.001	.5
58	MP1A	X	-2.335	2.5
59	MP1A	Z	0	2.5
60	MP1A	Mx	.001	2.5
61	MP1B	X	-5.056	.5
62	MP1B	Z	0	.5
63	MP1B	Mx	-.001	.5
64	MP1B	X	-5.056	2.5
65	MP1B	Z	0	2.5
66	MP1B	Mx	-.001	2.5
67	MP1C	X	-5.056	.5
68	MP1C	Z	0	.5
69	MP1C	Mx	-.001	.5
70	MP1C	X	-5.056	2.5
71	MP1C	Z	0	2.5
72	MP1C	Mx	-.001	2.5
73	MP1A	X	-1.43	6.48
74	MP1A	Z	0	6.48
75	MP1A	Mx	.000715	6.48
76	MP1B	X	-2.051	6.48
77	MP1B	Z	0	6.48
78	MP1B	Mx	-.000513	6.48
79	MP1C	X	-2.051	6.48
80	MP1C	Z	0	6.48
81	MP1C	Mx	-.000513	6.48
82	MP3A	X	-3.172	3.75
83	MP3A	Z	0	3.75
84	MP3A	Mx	-.002	3.75
85	MP3B	X	-4.352	3.75
86	MP3B	Z	0	3.75
87	MP3B	Mx	.001	3.75
88	MP3C	X	-4.352	3.75
89	MP3C	Z	0	3.75
90	MP3C	Mx	.001	3.75
91	MP1A	X	-2.569	3.75
92	MP1A	Z	0	3.75
93	MP1A	Mx	-.001	3.75
94	MP1B	X	-4.201	3.75
95	MP1B	Z	0	3.75
96	MP1B	Mx	.001	3.75
97	MP1C	X	-4.201	3.75
98	MP1C	Z	0	3.75
99	MP1C	Mx	.001	3.75
100	M356	X	-7.179	.5
101	M356	Z	0	.5
102	M356	Mx	0	.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
103	M364	X	-214	.25
104	M364	Z	0	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-3.307	1.25
2	MP4A	Z	-1.91	1.25
3	MP4A	Mx	.003	1.25
4	MP4A	X	-3.307	4.75
5	MP4A	Z	-1.91	4.75
6	MP4A	Mx	.003	4.75
7	MP4B	X	-5.186	1.25
8	MP4B	Z	-2.994	1.25
9	MP4B	Mx	0	1.25
10	MP4B	X	-5.186	4.75
11	MP4B	Z	-2.994	4.75
12	MP4B	Mx	0	4.75
13	MP4C	X	-3.307	1.25
14	MP4C	Z	-1.91	1.25
15	MP4C	Mx	-.003	1.25
16	MP4C	X	-3.307	4.75
17	MP4C	Z	-1.91	4.75
18	MP4C	Mx	-.003	4.75
19	MP3A	X	-6.688	1.25
20	MP3A	Z	-3.862	1.25
21	MP3A	Mx	.003	1.25
22	MP3A	X	-6.688	4.75
23	MP3A	Z	-3.862	4.75
24	MP3A	Mx	.003	4.75
25	MP3B	X	-8.966	1.25
26	MP3B	Z	-5.176	1.25
27	MP3B	Mx	.007	1.25
28	MP3B	X	-8.966	4.75
29	MP3B	Z	-5.176	4.75
30	MP3B	Mx	.007	4.75
31	MP3C	X	-6.688	1.25
32	MP3C	Z	-3.862	1.25
33	MP3C	Mx	-.008	1.25
34	MP3C	X	-6.688	4.75
35	MP3C	Z	-3.862	4.75
36	MP3C	Mx	-.008	4.75
37	MP3A	X	-6.688	1.25
38	MP3A	Z	-3.862	1.25
39	MP3A	Mx	.008	1.25
40	MP3A	X	-6.688	4.75
41	MP3A	Z	-3.862	4.75
42	MP3A	Mx	.008	4.75
43	MP3B	X	-8.966	1.25
44	MP3B	Z	-5.176	1.25
45	MP3B	Mx	-.007	1.25
46	MP3B	X	-8.966	4.75
47	MP3B	Z	-5.176	4.75
48	MP3B	Mx	-.007	4.75
49	MP3C	X	-6.688	1.25
50	MP3C	Z	-3.862	1.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
51	MP3C	Mx	-0.003	1.25
52	MP3C	X	-6.688	4.75
53	MP3C	Z	-3.862	4.75
54	MP3C	Mx	-0.003	4.75
55	MP1A	X	-2.807	.5
56	MP1A	Z	-1.621	.5
57	MP1A	Mx	.001	.5
58	MP1A	X	-2.807	2.5
59	MP1A	Z	-1.621	2.5
60	MP1A	Mx	.001	2.5
61	MP1B	X	-5.164	.5
62	MP1B	Z	-2.982	.5
63	MP1B	Mx	0	.5
64	MP1B	X	-5.164	2.5
65	MP1B	Z	-2.982	2.5
66	MP1B	Mx	0	2.5
67	MP1C	X	-2.807	.5
68	MP1C	Z	-1.621	.5
69	MP1C	Mx	-0.001	.5
70	MP1C	X	-2.807	2.5
71	MP1C	Z	-1.621	2.5
72	MP1C	Mx	-0.001	2.5
73	MP1A	X	-1.418	6.48
74	MP1A	Z	-.819	6.48
75	MP1A	Mx	.000709	6.48
76	MP1B	X	-1.956	6.48
77	MP1B	Z	-1.129	6.48
78	MP1B	Mx	0	6.48
79	MP1C	X	-1.418	6.48
80	MP1C	Z	-.819	6.48
81	MP1C	Mx	-.000709	6.48
82	MP3A	X	-3.088	3.75
83	MP3A	Z	-1.783	3.75
84	MP3A	Mx	-.002	3.75
85	MP3B	X	-4.109	3.75
86	MP3B	Z	-2.373	3.75
87	MP3B	Mx	0	3.75
88	MP3C	X	-3.088	3.75
89	MP3C	Z	-1.783	3.75
90	MP3C	Mx	.002	3.75
91	MP1A	X	-2.696	3.75
92	MP1A	Z	-1.557	3.75
93	MP1A	Mx	-.001	3.75
94	MP1B	X	-4.109	3.75
95	MP1B	Z	-2.373	3.75
96	MP1B	Mx	0	3.75
97	MP1C	X	-2.696	3.75
98	MP1C	Z	-1.557	3.75
99	MP1C	Mx	.001	3.75
100	M356	X	-7.625	.5
101	M356	Z	-4.402	.5
102	M356	Mx	0	.5
103	M364	X	-.15	.25
104	M364	Z	-.086	.25
105	M364	Mx	0	.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP4A	X	-2.633	1.25
2	MP4A	Z	-4.56	1.25
3	MP4A	Mx	.002	1.25
4	MP4A	X	-2.633	4.75
5	MP4A	Z	-4.56	4.75
6	MP4A	Mx	.002	4.75
7	MP4B	X	-2.633	1.25
8	MP4B	Z	-4.56	1.25
9	MP4B	Mx	.002	1.25
10	MP4B	X	-2.633	4.75
11	MP4B	Z	-4.56	4.75
12	MP4B	Mx	.002	4.75
13	MP4C	X	-1.548	1.25
14	MP4C	Z	-2.681	1.25
15	MP4C	Mx	-.002	1.25
16	MP4C	X	-1.548	4.75
17	MP4C	Z	-2.681	4.75
18	MP4C	Mx	-.002	4.75
19	MP3A	X	-4.738	1.25
20	MP3A	Z	-8.207	1.25
21	MP3A	Mx	-.002	1.25
22	MP3A	X	-4.738	4.75
23	MP3A	Z	-8.207	4.75
24	MP3A	Mx	-.002	4.75
25	MP3B	X	-4.738	1.25
26	MP3B	Z	-8.207	1.25
27	MP3B	Mx	.009	1.25
28	MP3B	X	-4.738	4.75
29	MP3B	Z	-8.207	4.75
30	MP3B	Mx	.009	4.75
31	MP3C	X	-3.423	1.25
32	MP3C	Z	-5.929	1.25
33	MP3C	Mx	-.006	1.25
34	MP3C	X	-3.423	4.75
35	MP3C	Z	-5.929	4.75
36	MP3C	Mx	-.006	4.75
37	MP3A	X	-4.738	1.25
38	MP3A	Z	-8.207	1.25
39	MP3A	Mx	.009	1.25
40	MP3A	X	-4.738	4.75
41	MP3A	Z	-8.207	4.75
42	MP3A	Mx	.009	4.75
43	MP3B	X	-4.738	1.25
44	MP3B	Z	-8.207	1.25
45	MP3B	Mx	-.002	1.25
46	MP3B	X	-4.738	4.75
47	MP3B	Z	-8.207	4.75
48	MP3B	Mx	-.002	4.75
49	MP3C	X	-3.423	1.25
50	MP3C	Z	-5.929	1.25
51	MP3C	Mx	-.006	1.25
52	MP3C	X	-3.423	4.75
53	MP3C	Z	-5.929	4.75
54	MP3C	Mx	-.006	4.75
55	MP1A	X	-2.528	.5
56	MP1A	Z	-4.379	.5
57	MP1A	Mx	.001	.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP1A	X	-2.528	2.5
59	MP1A	Z	-4.379	2.5
60	MP1A	Mx	.001	2.5
61	MP1B	X	-2.528	.5
62	MP1B	Z	-4.379	.5
63	MP1B	Mx	.001	.5
64	MP1B	X	-2.528	2.5
65	MP1B	Z	-4.379	2.5
66	MP1B	Mx	.001	2.5
67	MP1C	X	-1.167	.5
68	MP1C	Z	-2.022	.5
69	MP1C	Mx	-.001	.5
70	MP1C	X	-1.167	2.5
71	MP1C	Z	-2.022	2.5
72	MP1C	Mx	-.001	2.5
73	MP1A	X	-1.026	6.48
74	MP1A	Z	-1.777	6.48
75	MP1A	Mx	.000513	6.48
76	MP1B	X	-1.026	6.48
77	MP1B	Z	-1.777	6.48
78	MP1B	Mx	.000513	6.48
79	MP1C	X	-.715	6.48
80	MP1C	Z	-1.239	6.48
81	MP1C	Mx	-.000715	6.48
82	MP3A	X	-2.176	3.75
83	MP3A	Z	-3.769	3.75
84	MP3A	Mx	-.001	3.75
85	MP3B	X	-2.176	3.75
86	MP3B	Z	-3.769	3.75
87	MP3B	Mx	-.001	3.75
88	MP3C	X	-1.586	3.75
89	MP3C	Z	-2.747	3.75
90	MP3C	Mx	.002	3.75
91	MP1A	X	-2.101	3.75
92	MP1A	Z	-3.638	3.75
93	MP1A	Mx	-.001	3.75
94	MP1B	X	-2.101	3.75
95	MP1B	Z	-3.638	3.75
96	MP1B	Mx	-.001	3.75
97	MP1C	X	-1.285	3.75
98	MP1C	Z	-2.225	3.75
99	MP1C	Mx	.001	3.75
100	M356	X	-4.809	.5
101	M356	Z	-8.329	.5
102	M356	Mx	0	.5
103	M364	X	-.076	.25
104	M364	Z	-.132	.25
105	M364	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M177	Y	-500	%11.667

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M177	Y	-500	%38



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M177	Y	-250	%100

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M177	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	M122	Y	-12.26	-12.26	0	%100
2	M123	Y	-12.26	-12.26	0	%100
3	M124	Y	-12.26	-12.26	0	%100
4	M125	Y	-12.26	-12.26	0	%100
5	M126	Y	-13.825	-13.825	0	%100
6	M127	Y	-12.26	-12.26	0	%100
7	M128	Y	-12.26	-12.26	0	%100
8	M129	Y	-8.462	-8.462	0	%100
9	M130	Y	-8.462	-8.462	0	%100
10	M131	Y	-8.462	-8.462	0	%100
11	M132	Y	-8.462	-8.462	0	%100
12	M133	Y	-8.462	-8.462	0	%100
13	M134	Y	-8.462	-8.462	0	%100
14	M177	Y	-9.434	-9.434	0	%100
15	M287A	Y	-11.823	-11.823	0	%100
16	M289A	Y	-11.823	-11.823	0	%100
17	M290A	Y	-11.795	-11.795	0	%100
18	M292A	Y	-11.795	-11.795	0	%100
19	M293A	Y	-5.701	-5.701	0	%100
20	M295A	Y	-5.701	-5.701	0	%100
21	M296A	Y	-5.701	-5.701	0	%100
22	M298A	Y	-5.701	-5.701	0	%100
23	M299A	Y	-5.701	-5.701	0	%100
24	M301A	Y	-5.701	-5.701	0	%100
25	M302A	Y	-5.701	-5.701	0	%100
26	M305A	Y	-5.701	-5.701	0	%100
27	M306A	Y	-5.701	-5.701	0	%100
28	M307	Y	-5.701	-5.701	0	%100
29	M308	Y	-5.701	-5.701	0	%100
30	M309	Y	-5.701	-5.701	0	%100
31	M310	Y	-5.701	-5.701	0	%100
32	M311	Y	-5.701	-5.701	0	%100
33	M312	Y	-5.701	-5.701	0	%100
34	M313	Y	-5.701	-5.701	0	%100
35	M316	Y	-11.795	-11.795	0	%100
36	M317	Y	-11.795	-11.795	0	%100
37	M318	Y	-5.701	-5.701	0	%100
38	M319	Y	-5.701	-5.701	0	%100
39	M320	Y	-5.701	-5.701	0	%100
40	M321	Y	-5.701	-5.701	0	%100
41	M322	Y	-5.701	-5.701	0	%100
42	M323A	Y	-5.701	-5.701	0	%100
43	M324A	Y	-5.701	-5.701	0	%100
44	M325A	Y	-5.701	-5.701	0	%100
45	M326A	Y	-11.823	-11.823	0	%100
46	M327A	Y	-11.823	-11.823	0	%100
47	M332B	Y	-11.795	-11.795	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.%]
48	M333A	Y	-11.823	-11.823	0 %100
49	M334A	Y	-5.701	-5.701	0 %100
50	M335A	Y	-5.701	-5.701	0 %100
51	M336	Y	-11.823	-11.823	0 %100
52	M337	Y	-5.701	-5.701	0 %100
53	M338	Y	-5.701	-5.701	0 %100
54	M339	Y	-11.795	-11.795	0 %100
55	M344	Y	-5.701	-5.701	0 %100
56	M345	Y	-5.701	-5.701	0 %100
57	MP1A	Y	-9.434	-9.434	0 %100
58	MP2A	Y	-9.434	-9.434	0 %100
59	MP3A	Y	-9.434	-9.434	0 %100
60	MP4A	Y	-9.434	-9.434	0 %100
61	M344A	Y	-8.401	-8.401	0 %100
62	M138	Y	-12.26	-12.26	0 %100
63	M139	Y	-12.26	-12.26	0 %100
64	M140	Y	-12.26	-12.26	0 %100
65	M141	Y	-12.26	-12.26	0 %100
66	M142	Y	-13.825	-13.825	0 %100
67	M143	Y	-12.26	-12.26	0 %100
68	M144	Y	-12.26	-12.26	0 %100
69	M145	Y	-8.462	-8.462	0 %100
70	M146	Y	-8.462	-8.462	0 %100
71	M147	Y	-8.462	-8.462	0 %100
72	M148	Y	-8.462	-8.462	0 %100
73	M149	Y	-8.462	-8.462	0 %100
74	M150	Y	-8.462	-8.462	0 %100
75	M171	Y	-11.823	-11.823	0 %100
76	M172	Y	-11.823	-11.823	0 %100
77	M173	Y	-11.795	-11.795	0 %100
78	M174	Y	-11.795	-11.795	0 %100
79	M175	Y	-5.701	-5.701	0 %100
80	M176	Y	-5.701	-5.701	0 %100
81	M177A	Y	-5.701	-5.701	0 %100
82	M178	Y	-5.701	-5.701	0 %100
83	M179	Y	-5.701	-5.701	0 %100
84	M181	Y	-5.701	-5.701	0 %100
85	M182	Y	-5.701	-5.701	0 %100
86	M183	Y	-5.701	-5.701	0 %100
87	M184	Y	-5.701	-5.701	0 %100
88	M185	Y	-5.701	-5.701	0 %100
89	M186	Y	-5.701	-5.701	0 %100
90	M187	Y	-5.701	-5.701	0 %100
91	M188	Y	-5.701	-5.701	0 %100
92	M189	Y	-5.701	-5.701	0 %100
93	M190	Y	-5.701	-5.701	0 %100
94	M191	Y	-5.701	-5.701	0 %100
95	M194	Y	-11.795	-11.795	0 %100
96	M195	Y	-11.795	-11.795	0 %100
97	M196	Y	-5.701	-5.701	0 %100
98	M197	Y	-5.701	-5.701	0 %100
99	M198	Y	-5.701	-5.701	0 %100
100	M199	Y	-5.701	-5.701	0 %100
101	M200	Y	-5.701	-5.701	0 %100
102	M201	Y	-5.701	-5.701	0 %100
103	M202	Y	-5.701	-5.701	0 %100
104	M203	Y	-5.701	-5.701	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, %]
105	M204	Y	-11.823	-11.823	0 %100
106	M205	Y	-11.823	-11.823	0 %100
107	M210	Y	-11.795	-11.795	0 %100
108	M211	Y	-11.823	-11.823	0 %100
109	M212	Y	-5.701	-5.701	0 %100
110	M213	Y	-5.701	-5.701	0 %100
111	M214	Y	-11.823	-11.823	0 %100
112	M215	Y	-5.701	-5.701	0 %100
113	M216	Y	-5.701	-5.701	0 %100
114	M217	Y	-11.795	-11.795	0 %100
115	M218	Y	-5.701	-5.701	0 %100
116	M219	Y	-5.701	-5.701	0 %100
117	M241	Y	-12.26	-12.26	0 %100
118	M242	Y	-12.26	-12.26	0 %100
119	M243	Y	-12.26	-12.26	0 %100
120	M244	Y	-12.26	-12.26	0 %100
121	M245	Y	-13.825	-13.825	0 %100
122	M246	Y	-12.26	-12.26	0 %100
123	M247	Y	-12.26	-12.26	0 %100
124	M248	Y	-8.462	-8.462	0 %100
125	M249	Y	-8.462	-8.462	0 %100
126	M250	Y	-8.462	-8.462	0 %100
127	M251	Y	-8.462	-8.462	0 %100
128	M252	Y	-8.462	-8.462	0 %100
129	M253	Y	-8.462	-8.462	0 %100
130	M274	Y	-11.823	-11.823	0 %100
131	M275	Y	-11.823	-11.823	0 %100
132	M276	Y	-11.795	-11.795	0 %100
133	M277	Y	-11.795	-11.795	0 %100
134	M278	Y	-5.701	-5.701	0 %100
135	M279	Y	-5.701	-5.701	0 %100
136	M280	Y	-5.701	-5.701	0 %100
137	M281	Y	-5.701	-5.701	0 %100
138	M282	Y	-5.701	-5.701	0 %100
139	M284	Y	-5.701	-5.701	0 %100
140	M285	Y	-5.701	-5.701	0 %100
141	M286	Y	-5.701	-5.701	0 %100
142	M287	Y	-5.701	-5.701	0 %100
143	M288	Y	-5.701	-5.701	0 %100
144	M289	Y	-5.701	-5.701	0 %100
145	M290	Y	-5.701	-5.701	0 %100
146	M291	Y	-5.701	-5.701	0 %100
147	M292	Y	-5.701	-5.701	0 %100
148	M293	Y	-5.701	-5.701	0 %100
149	M294	Y	-5.701	-5.701	0 %100
150	M297	Y	-11.795	-11.795	0 %100
151	M298	Y	-11.795	-11.795	0 %100
152	M299	Y	-5.701	-5.701	0 %100
153	M300	Y	-5.701	-5.701	0 %100
154	M301	Y	-5.701	-5.701	0 %100
155	M302	Y	-5.701	-5.701	0 %100
156	M303	Y	-5.701	-5.701	0 %100
157	M304	Y	-5.701	-5.701	0 %100
158	M305	Y	-5.701	-5.701	0 %100
159	M306	Y	-5.701	-5.701	0 %100
160	M307A	Y	-11.823	-11.823	0 %100
161	M308A	Y	-11.823	-11.823	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.%,]
162	M313A	Y	-11.795	-11.795	0	%100
163	M314A	Y	-11.823	-11.823	0	%100
164	M315A	Y	-5.701	-5.701	0	%100
165	M316A	Y	-5.701	-5.701	0	%100
166	M317A	Y	-11.823	-11.823	0	%100
167	M318A	Y	-5.701	-5.701	0	%100
168	M319A	Y	-5.701	-5.701	0	%100
169	M320A	Y	-11.795	-11.795	0	%100
170	M321A	Y	-5.701	-5.701	0	%100
171	M322A	Y	-5.701	-5.701	0	%100
172	M327	Y	-9.434	-9.434	0	%100
173	MP1C	Y	-9.434	-9.434	0	%100
174	MP2C	Y	-9.434	-9.434	0	%100
175	MP3C	Y	-9.434	-9.434	0	%100
176	MP4C	Y	-9.434	-9.434	0	%100
177	M336A	Y	-8.401	-8.401	0	%100
178	M342	Y	-9.434	-9.434	0	%100
179	MP1B	Y	-9.434	-9.434	0	%100
180	MP2B	Y	-9.434	-9.434	0	%100
181	MP3B	Y	-9.434	-9.434	0	%100
182	MP4B	Y	-9.434	-9.434	0	%100
183	M351	Y	-8.401	-8.401	0	%100
184	M356	Y	-8.401	-8.401	0	%100
185	M359	Y	-10.799	-10.799	0	%100
186	M360	Y	-10.799	-10.799	0	%100
187	M361	Y	-10.799	-10.799	0	%100
188	M364	Y	-8.401	-8.401	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	M122	X	0	0	0	%100
2	M122	Z	-7.633	-7.633	0	%100
3	M123	X	0	0	0	%100
4	M123	Z	-7.633	-7.633	0	%100
5	M124	X	0	0	0	%100
6	M124	Z	-10.929	-10.929	0	%100
7	M125	X	0	0	0	%100
8	M125	Z	-10.929	-10.929	0	%100
9	M126	X	0	0	0	%100
10	M126	Z	0	0	0	%100
11	M127	X	0	0	0	%100
12	M127	Z	-0.000884	-0.000884	0	%100
13	M128	X	0	0	0	%100
14	M128	Z	-0.000884	-0.000884	0	%100
15	M129	X	0	0	0	%100
16	M129	Z	-11.235	-11.235	0	%100
17	M130	X	0	0	0	%100
18	M130	Z	-10.421	-10.421	0	%100
19	M131	X	0	0	0	%100
20	M131	Z	-9.478	-9.478	0	%100
21	M132	X	0	0	0	%100
22	M132	Z	-11.235	-11.235	0	%100
23	M133	X	0	0	0	%100
24	M133	Z	-10.421	-10.421	0	%100
25	M134	X	0	0	0	%100
26	M134	Z	-9.478	-9.478	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, %]	
27	M177	X	0	0	0	%100
28	M177	Z	-11.287	-11.287	0	%100
29	M287A	X	0	0	0	%100
30	M287A	Z	0	0	0	%100
31	M289A	X	0	0	0	%100
32	M289A	Z	0	0	0	%100
33	M290A	X	0	0	0	%100
34	M290A	Z	-2.717	-2.717	0	%100
35	M292A	X	0	0	0	%100
36	M292A	Z	-1.793	-1.793	0	%100
37	M293A	X	0	0	0	%100
38	M293A	Z	0	0	0	%100
39	M295A	X	0	0	0	%100
40	M295A	Z	0	0	0	%100
41	M296A	X	0	0	0	%100
42	M296A	Z	-.255	-.255	0	%100
43	M298A	X	0	0	0	%100
44	M298A	Z	-.172	-.172	0	%100
45	M299A	X	0	0	0	%100
46	M299A	Z	-2.454	-2.454	0	%100
47	M301A	X	0	0	0	%100
48	M301A	Z	-1.236	-1.236	0	%100
49	M302A	X	0	0	0	%100
50	M302A	Z	-2.373	-2.373	0	%100
51	M305A	X	0	0	0	%100
52	M305A	Z	-1.156	-1.156	0	%100
53	M306A	X	0	0	0	%100
54	M306A	Z	-2.123	-2.123	0	%100
55	M307	X	0	0	0	%100
56	M307	Z	-.852	-.852	0	%100
57	M308	X	0	0	0	%100
58	M308	Z	-1.915	-1.915	0	%100
59	M309	X	0	0	0	%100
60	M309	Z	-.721	-.721	0	%100
61	M310	X	0	0	0	%100
62	M310	Z	-1.808	-1.808	0	%100
63	M311	X	0	0	0	%100
64	M311	Z	-.59	-.59	0	%100
65	M312	X	0	0	0	%100
66	M312	Z	-1.717	-1.717	0	%100
67	M313	X	0	0	0	%100
68	M313	Z	-1.622	-1.622	0	%100
69	M316	X	0	0	0	%100
70	M316	Z	0	0	0	%100
71	M317	X	0	0	0	%100
72	M317	Z	0	0	0	%100
73	M318	X	0	0	0	%100
74	M318	Z	0	0	0	%100
75	M319	X	0	0	0	%100
76	M319	Z	0	0	0	%100
77	M320	X	0	0	0	%100
78	M320	Z	0	0	0	%100
79	M321	X	0	0	0	%100
80	M321	Z	0	0	0	%100
81	M322	X	0	0	0	%100
82	M322	Z	-1.175	-1.175	0	%100
83	M323A	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
84	M323A	Z	-2.454	-2.454	0 %100
85	M324A	X	0	0	0 %100
86	M324A	Z	-1.228	-1.228	0 %100
87	M325A	X	0	0	0 %100
88	M325A	Z	-2.454	-2.454	0 %100
89	M326A	X	0	0	0 %100
90	M326A	Z	0	0	0 %100
91	M327A	X	0	0	0 %100
92	M327A	Z	0	0	0 %100
93	M332B	X	0	0	0 %100
94	M332B	Z	-1.073	-1.073	0 %100
95	M333A	X	0	0	0 %100
96	M333A	Z	0	0	0 %100
97	M334A	X	0	0	0 %100
98	M334A	Z	0	0	0 %100
99	M335A	X	0	0	0 %100
100	M335A	Z	-.102	-.102	0 %100
101	M336	X	0	0	0 %100
102	M336	Z	0	0	0 %100
103	M337	X	0	0	0 %100
104	M337	Z	0	0	0 %100
105	M338	X	0	0	0 %100
106	M338	Z	-.1	-.1	0 %100
107	M339	X	0	0	0 %100
108	M339	Z	-1.069	-1.069	0 %100
109	M344	X	0	0	0 %100
110	M344	Z	-.524	-.524	0 %100
111	M345	X	0	0	0 %100
112	M345	Z	-.264	-.264	0 %100
113	MP1A	X	0	0	0 %100
114	MP1A	Z	-11.287	-11.287	0 %100
115	MP2A	X	0	0	0 %100
116	MP2A	Z	-11.287	-11.287	0 %100
117	MP3A	X	0	0	0 %100
118	MP3A	Z	-11.287	-11.287	0 %100
119	MP4A	X	0	0	0 %100
120	MP4A	Z	-11.287	-11.287	0 %100
121	M344A	X	0	0	0 %100
122	M344A	Z	-9.324	-9.324	0 %100
123	M138	X	0	0	0 %100
124	M138	Z	-1.022	-1.022	0 %100
125	M139	X	0	0	0 %100
126	M139	Z	-14.241	-14.241	0 %100
127	M140	X	0	0	0 %100
128	M140	Z	0	0	0 %100
129	M141	X	0	0	0 %100
130	M141	Z	-10.929	-10.929	0 %100
131	M142	X	0	0	0 %100
132	M142	Z	-7.445	-7.445	0 %100
133	M143	X	0	0	0 %100
134	M143	Z	-8.921	-8.921	0 %100
135	M144	X	0	0	0 %100
136	M144	Z	-8.744	-8.744	0 %100
137	M145	X	0	0	0 %100
138	M145	Z	-2.809	-2.809	0 %100
139	M146	X	0	0	0 %100
140	M146	Z	-2.605	-2.605	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, %]	
141	M147	X	0	0	0	%100
142	M147	Z	-2.37	-2.37	0	%100
143	M148	X	0	0	0	%100
144	M148	Z	-2.809	-2.809	0	%100
145	M149	X	0	0	0	%100
146	M149	Z	-2.605	-2.605	0	%100
147	M150	X	0	0	0	%100
148	M150	Z	-2.37	-2.37	0	%100
149	M171	X	0	0	0	%100
150	M171	Z	-1.503	-1.503	0	%100
151	M172	X	0	0	0	%100
152	M172	Z	-1.472	-1.472	0	%100
153	M173	X	0	0	0	%100
154	M173	Z	-1.814	-1.814	0	%100
155	M174	X	0	0	0	%100
156	M174	Z	-1.552	-1.552	0	%100
157	M175	X	0	0	0	%100
158	M175	Z	-3.867	-3.867	0	%100
159	M176	X	0	0	0	%100
160	M176	Z	-3.567	-3.567	0	%100
161	M177A	X	0	0	0	%100
162	M177A	Z	-3.992	-3.992	0	%100
163	M178	X	0	0	0	%100
164	M178	Z	-3.634	-3.634	0	%100
165	M179	X	0	0	0	%100
166	M179	Z	-4.377	-4.377	0	%100
167	M181	X	0	0	0	%100
168	M181	Z	-4.166	-4.166	0	%100
169	M182	X	0	0	0	%100
170	M182	Z	-4.162	-4.162	0	%100
171	M183	X	0	0	0	%100
172	M183	Z	-3.905	-3.905	0	%100
173	M184	X	0	0	0	%100
174	M184	Z	-3.894	-3.894	0	%100
175	M185	X	0	0	0	%100
176	M185	Z	-3.66	-3.66	0	%100
177	M186	X	0	0	0	%100
178	M186	Z	-3.634	-3.634	0	%100
179	M187	X	0	0	0	%100
180	M187	Z	-3.49	-3.49	0	%100
181	M188	X	0	0	0	%100
182	M188	Z	-3.5	-3.5	0	%100
183	M189	X	0	0	0	%100
184	M189	Z	-3.339	-3.339	0	%100
185	M190	X	0	0	0	%100
186	M190	Z	-3.387	-3.387	0	%100
187	M191	X	0	0	0	%100
188	M191	Z	-3.35	-3.35	0	%100
189	M194	X	0	0	0	%100
190	M194	Z	-1.119	-1.119	0	%100
191	M195	X	0	0	0	%100
192	M195	Z	-1.114	-1.114	0	%100
193	M196	X	0	0	0	%100
194	M196	Z	-3.802	-3.802	0	%100
195	M197	X	0	0	0	%100
196	M197	Z	-3.762	-3.762	0	%100
197	M198	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
198	M198	Z	-3.803	-3.803	0 %100
199	M199	X	0	0	0 %100
200	M199	Z	-3.762	-3.762	0 %100
201	M200	X	0	0	0 %100
202	M200	Z	-4.458	-4.458	0 %100
203	M201	X	0	0	0 %100
204	M201	Z	-4.377	-4.377	0 %100
205	M202	X	0	0	0 %100
206	M202	Z	-4.443	-4.443	0 %100
207	M203	X	0	0	0 %100
208	M203	Z	-4.377	-4.377	0 %100
209	M204	X	0	0	0 %100
210	M204	Z	-1.493	-1.493	0 %100
211	M205	X	0	0	0 %100
212	M205	Z	-1.486	-1.486	0 %100
213	M210	X	0	0	0 %100
214	M210	Z	-1.372	-1.372	0 %100
215	M211	X	0	0	0 %100
216	M211	Z	-1.472	-1.472	0 %100
217	M212	X	0	0	0 %100
218	M212	Z	-3.609	-3.609	0 %100
219	M213	X	0	0	0 %100
220	M213	Z	-3.633	-3.633	0 %100
221	M214	X	0	0	0 %100
222	M214	Z	-1.472	-1.472	0 %100
223	M215	X	0	0	0 %100
224	M215	Z	-3.574	-3.574	0 %100
225	M216	X	0	0	0 %100
226	M216	Z	-3.614	-3.614	0 %100
227	M217	X	0	0	0 %100
228	M217	Z	-1.371	-1.371	0 %100
229	M218	X	0	0	0 %100
230	M218	Z	-3.204	-3.204	0 %100
231	M219	X	0	0	0 %100
232	M219	Z	-3.11	-3.11	0 %100
233	M241	X	0	0	0 %100
234	M241	Z	-14.241	-14.241	0 %100
235	M242	X	0	0	0 %100
236	M242	Z	-1.022	-1.022	0 %100
237	M243	X	0	0	0 %100
238	M243	Z	-10.929	-10.929	0 %100
239	M244	X	0	0	0 %100
240	M244	Z	0	0	0 %100
241	M245	X	0	0	0 %100
242	M245	Z	-7.445	-7.445	0 %100
243	M246	X	0	0	0 %100
244	M246	Z	-8.744	-8.744	0 %100
245	M247	X	0	0	0 %100
246	M247	Z	-8.921	-8.921	0 %100
247	M248	X	0	0	0 %100
248	M248	Z	-2.809	-2.809	0 %100
249	M249	X	0	0	0 %100
250	M249	Z	-2.605	-2.605	0 %100
251	M250	X	0	0	0 %100
252	M250	Z	-2.37	-2.37	0 %100
253	M251	X	0	0	0 %100
254	M251	Z	-2.809	-2.809	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, %]	
255	M252	X	0	0	0	%100
256	M252	Z	-2.605	-2.605	0	%100
257	M253	X	0	0	0	%100
258	M253	Z	-2.37	-2.37	0	%100
259	M274	X	0	0	0	%100
260	M274	Z	-1.503	-1.503	0	%100
261	M275	X	0	0	0	%100
262	M275	Z	-1.472	-1.472	0	%100
263	M276	X	0	0	0	%100
264	M276	Z	-1.814	-1.814	0	%100
265	M277	X	0	0	0	%100
266	M277	Z	-1.552	-1.552	0	%100
267	M278	X	0	0	0	%100
268	M278	Z	-3.867	-3.867	0	%100
269	M279	X	0	0	0	%100
270	M279	Z	-3.567	-3.567	0	%100
271	M280	X	0	0	0	%100
272	M280	Z	-3.992	-3.992	0	%100
273	M281	X	0	0	0	%100
274	M281	Z	-3.634	-3.634	0	%100
275	M282	X	0	0	0	%100
276	M282	Z	-4.377	-4.377	0	%100
277	M284	X	0	0	0	%100
278	M284	Z	-4.166	-4.166	0	%100
279	M285	X	0	0	0	%100
280	M285	Z	-4.162	-4.162	0	%100
281	M286	X	0	0	0	%100
282	M286	Z	-3.905	-3.905	0	%100
283	M287	X	0	0	0	%100
284	M287	Z	-3.894	-3.894	0	%100
285	M288	X	0	0	0	%100
286	M288	Z	-3.66	-3.66	0	%100
287	M289	X	0	0	0	%100
288	M289	Z	-3.634	-3.634	0	%100
289	M290	X	0	0	0	%100
290	M290	Z	-3.49	-3.49	0	%100
291	M291	X	0	0	0	%100
292	M291	Z	-3.5	-3.5	0	%100
293	M292	X	0	0	0	%100
294	M292	Z	-3.339	-3.339	0	%100
295	M293	X	0	0	0	%100
296	M293	Z	-3.387	-3.387	0	%100
297	M294	X	0	0	0	%100
298	M294	Z	-3.35	-3.35	0	%100
299	M297	X	0	0	0	%100
300	M297	Z	-1.119	-1.119	0	%100
301	M298	X	0	0	0	%100
302	M298	Z	-1.114	-1.114	0	%100
303	M299	X	0	0	0	%100
304	M299	Z	-3.802	-3.802	0	%100
305	M300	X	0	0	0	%100
306	M300	Z	-3.762	-3.762	0	%100
307	M301	X	0	0	0	%100
308	M301	Z	-3.803	-3.803	0	%100
309	M302	X	0	0	0	%100
310	M302	Z	-3.762	-3.762	0	%100
311	M303	X	0	0	0	%100





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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
312	M303	Z	-4.458	-4.458	0 %100
313	M304	X	0	0	0 %100
314	M304	Z	-4.377	-4.377	0 %100
315	M305	X	0	0	0 %100
316	M305	Z	-4.443	-4.443	0 %100
317	M306	X	0	0	0 %100
318	M306	Z	-4.377	-4.377	0 %100
319	M307A	X	0	0	0 %100
320	M307A	Z	-1.493	-1.493	0 %100
321	M308A	X	0	0	0 %100
322	M308A	Z	-1.486	-1.486	0 %100
323	M313A	X	0	0	0 %100
324	M313A	Z	-1.372	-1.372	0 %100
325	M314A	X	0	0	0 %100
326	M314A	Z	-1.472	-1.472	0 %100
327	M315A	X	0	0	0 %100
328	M315A	Z	-3.609	-3.609	0 %100
329	M316A	X	0	0	0 %100
330	M316A	Z	-3.633	-3.633	0 %100
331	M317A	X	0	0	0 %100
332	M317A	Z	-1.472	-1.472	0 %100
333	M318A	X	0	0	0 %100
334	M318A	Z	-3.574	-3.574	0 %100
335	M319A	X	0	0	0 %100
336	M319A	Z	-3.614	-3.614	0 %100
337	M320A	X	0	0	0 %100
338	M320A	Z	-1.371	-1.371	0 %100
339	M321A	X	0	0	0 %100
340	M321A	Z	-3.204	-3.204	0 %100
341	M322A	X	0	0	0 %100
342	M322A	Z	-3.11	-3.11	0 %100
343	M327	X	0	0	0 %100
344	M327	Z	-2.822	-2.822	0 %100
345	MP1C	X	0	0	0 %100
346	MP1C	Z	-11.287	-11.287	0 %100
347	MP2C	X	0	0	0 %100
348	MP2C	Z	-11.287	-11.287	0 %100
349	MP3C	X	0	0	0 %100
350	MP3C	Z	-11.287	-11.287	0 %100
351	MP4C	X	0	0	0 %100
352	MP4C	Z	-11.287	-11.287	0 %100
353	M336A	X	0	0	0 %100
354	M336A	Z	-2.331	-2.331	0 %100
355	M342	X	0	0	0 %100
356	M342	Z	-2.822	-2.822	0 %100
357	MP1B	X	0	0	0 %100
358	MP1B	Z	-11.287	-11.287	0 %100
359	MP2B	X	0	0	0 %100
360	MP2B	Z	-11.287	-11.287	0 %100
361	MP3B	X	0	0	0 %100
362	MP3B	Z	-11.287	-11.287	0 %100
363	MP4B	X	0	0	0 %100
364	MP4B	Z	-11.287	-11.287	0 %100
365	M351	X	0	0	0 %100
366	M351	Z	-2.331	-2.331	0 %100
367	M356	X	0	0	0 %100
368	M356	Z	-6.825	-6.825	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.%,]
369	M359	X	0	0	0	%100
370	M359	Z	-3.202	-3.202	0	%100
371	M360	X	0	0	0	%100
372	M360	Z	-3.203	-3.203	0	%100
373	M361	X	0	0	0	%100
374	M361	Z	-12.81	-12.81	0	%100
375	M364	X	0	0	0	%100
376	M364	Z	-6.17	-6.17	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	M122	X	7.121	7.121	0	%100
2	M122	Z	-12.334	-12.334	0	%100
3	M123	X	.511	.511	0	%100
4	M123	Z	-.886	-.886	0	%100
5	M124	X	7.286	7.286	0	%100
6	M124	Z	-12.62	-12.62	0	%100
7	M125	X	1.822	1.822	0	%100
8	M125	Z	-3.155	-3.155	0	%100
9	M126	X	1.241	1.241	0	%100
10	M126	Z	-2.149	-2.149	0	%100
11	M127	X	1.428	1.428	0	%100
12	M127	Z	-2.474	-2.474	0	%100
13	M128	X	1.517	1.517	0	%100
14	M128	Z	-2.627	-2.627	0	%100
15	M129	X	4.213	4.213	0	%100
16	M129	Z	-7.298	-7.298	0	%100
17	M130	X	3.908	3.908	0	%100
18	M130	Z	-6.769	-6.769	0	%100
19	M131	X	3.554	3.554	0	%100
20	M131	Z	-6.156	-6.156	0	%100
21	M132	X	4.213	4.213	0	%100
22	M132	Z	-7.298	-7.298	0	%100
23	M133	X	3.908	3.908	0	%100
24	M133	Z	-6.769	-6.769	0	%100
25	M134	X	3.554	3.554	0	%100
26	M134	Z	-6.156	-6.156	0	%100
27	M177	X	4.232	4.232	0	%100
28	M177	Z	-7.331	-7.331	0	%100
29	M287A	X	.251	.251	0	%100
30	M287A	Z	-.434	-.434	0	%100
31	M289A	X	.245	.245	0	%100
32	M289A	Z	-.425	-.425	0	%100
33	M290A	X	1.208	1.208	0	%100
34	M290A	Z	-2.092	-2.092	0	%100
35	M292A	X	.856	.856	0	%100
36	M292A	Z	-1.483	-1.483	0	%100
37	M293A	X	.644	.644	0	%100
38	M293A	Z	-1.116	-1.116	0	%100
39	M295A	X	.595	.595	0	%100
40	M295A	Z	-1.03	-1.03	0	%100
41	M296A	X	.75	.75	0	%100
42	M296A	Z	-1.299	-1.299	0	%100
43	M298A	X	.663	.663	0	%100
44	M298A	Z	-1.148	-1.148	0	%100
45	M299A	X	1.547	1.547	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.%]
46	M299A	Z	-2.68	-2.68	0 %100
47	M301A	X	1.107	1.107	0 %100
48	M301A	Z	-1.917	-1.917	0 %100
49	M302A	X	1.484	1.484	0 %100
50	M302A	Z	-2.571	-2.571	0 %100
51	M305A	X	1.036	1.036	0 %100
52	M305A	Z	-1.795	-1.795	0 %100
53	M306A	X	1.357	1.357	0 %100
54	M306A	Z	-2.35	-2.35	0 %100
55	M307	X	.894	.894	0 %100
56	M307	Z	-1.549	-1.549	0 %100
57	M308	X	1.244	1.244	0 %100
58	M308	Z	-2.155	-2.155	0 %100
59	M309	X	.822	.822	0 %100
60	M309	Z	-1.424	-1.424	0 %100
61	M310	X	1.186	1.186	0 %100
62	M310	Z	-2.054	-2.054	0 %100
63	M311	X	.753	.753	0 %100
64	M311	Z	-1.305	-1.305	0 %100
65	M312	X	1.137	1.137	0 %100
66	M312	Z	-1.969	-1.969	0 %100
67	M313	X	1.099	1.099	0 %100
68	M313	Z	-1.904	-1.904	0 %100
69	M316	X	.187	.187	0 %100
70	M316	Z	-.323	-.323	0 %100
71	M317	X	.186	.186	0 %100
72	M317	Z	-.322	-.322	0 %100
73	M318	X	.634	.634	0 %100
74	M318	Z	-1.097	-1.097	0 %100
75	M319	X	.627	.627	0 %100
76	M319	Z	-1.086	-1.086	0 %100
77	M320	X	.634	.634	0 %100
78	M320	Z	-1.098	-1.098	0 %100
79	M321	X	.627	.627	0 %100
80	M321	Z	-1.086	-1.086	0 %100
81	M322	X	1.135	1.135	0 %100
82	M322	Z	-1.965	-1.965	0 %100
83	M323A	X	1.547	1.547	0 %100
84	M323A	Z	-2.68	-2.68	0 %100
85	M324A	X	1.15	1.15	0 %100
86	M324A	Z	-1.992	-1.992	0 %100
87	M325A	X	1.547	1.547	0 %100
88	M325A	Z	-2.68	-2.68	0 %100
89	M326A	X	.249	.249	0 %100
90	M326A	Z	-.431	-.431	0 %100
91	M327A	X	.248	.248	0 %100
92	M327A	Z	-.429	-.429	0 %100
93	M332B	X	.586	.586	0 %100
94	M332B	Z	-1.016	-1.016	0 %100
95	M333A	X	.245	.245	0 %100
96	M333A	Z	-.425	-.425	0 %100
97	M334A	X	.602	.602	0 %100
98	M334A	Z	-1.042	-1.042	0 %100
99	M335A	X	.639	.639	0 %100
100	M335A	Z	-1.108	-1.108	0 %100
101	M336	X	.245	.245	0 %100
102	M336	Z	-.425	-.425	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, %]
103	M337	X	.596	.596	0 %100
104	M337	Z	-1.032	-1.032	0 %100
105	M338	X	.636	.636	0 %100
106	M338	Z	-1.101	-1.101	0 %100
107	M339	X	.585	.585	0 %100
108	M339	Z	-1.013	-1.013	0 %100
109	M344	X	.709	.709	0 %100
110	M344	Z	-1.227	-1.227	0 %100
111	M345	X	.606	.606	0 %100
112	M345	Z	-1.05	-1.05	0 %100
113	MP1A	X	5.643	5.643	0 %100
114	MP1A	Z	-9.774	-9.774	0 %100
115	MP2A	X	5.643	5.643	0 %100
116	MP2A	Z	-9.774	-9.774	0 %100
117	MP3A	X	5.643	5.643	0 %100
118	MP3A	Z	-9.774	-9.774	0 %100
119	MP4A	X	5.643	5.643	0 %100
120	MP4A	Z	-9.774	-9.774	0 %100
121	M344A	X	3.496	3.496	0 %100
122	M344A	Z	-6.056	-6.056	0 %100
123	M138	X	.511	.511	0 %100
124	M138	Z	-.886	-.886	0 %100
125	M139	X	7.121	7.121	0 %100
126	M139	Z	-12.334	-12.334	0 %100
127	M140	X	1.822	1.822	0 %100
128	M140	Z	-3.155	-3.155	0 %100
129	M141	X	7.286	7.286	0 %100
130	M141	Z	-12.62	-12.62	0 %100
131	M142	X	1.241	1.241	0 %100
132	M142	Z	-2.149	-2.149	0 %100
133	M143	X	1.517	1.517	0 %100
134	M143	Z	-2.627	-2.627	0 %100
135	M144	X	1.428	1.428	0 %100
136	M144	Z	-2.474	-2.474	0 %100
137	M145	X	4.213	4.213	0 %100
138	M145	Z	-7.298	-7.298	0 %100
139	M146	X	3.908	3.908	0 %100
140	M146	Z	-6.769	-6.769	0 %100
141	M147	X	3.554	3.554	0 %100
142	M147	Z	-6.156	-6.156	0 %100
143	M148	X	4.213	4.213	0 %100
144	M148	Z	-7.298	-7.298	0 %100
145	M149	X	3.908	3.908	0 %100
146	M149	Z	-6.769	-6.769	0 %100
147	M150	X	3.554	3.554	0 %100
148	M150	Z	-6.156	-6.156	0 %100
149	M171	X	.251	.251	0 %100
150	M171	Z	-.434	-.434	0 %100
151	M172	X	.245	.245	0 %100
152	M172	Z	-.425	-.425	0 %100
153	M173	X	1.208	1.208	0 %100
154	M173	Z	-2.092	-2.092	0 %100
155	M174	X	.856	.856	0 %100
156	M174	Z	-1.483	-1.483	0 %100
157	M175	X	.644	.644	0 %100
158	M175	Z	-1.116	-1.116	0 %100
159	M176	X	.595	.595	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, %]
160	M176	Z	-1.03	-1.03	0 %100
161	M177A	X	.75	.75	0 %100
162	M177A	Z	-1.299	-1.299	0 %100
163	M178	X	.663	.663	0 %100
164	M178	Z	-1.148	-1.148	0 %100
165	M179	X	1.547	1.547	0 %100
166	M179	Z	-2.68	-2.68	0 %100
167	M181	X	1.107	1.107	0 %100
168	M181	Z	-1.917	-1.917	0 %100
169	M182	X	1.484	1.484	0 %100
170	M182	Z	-2.571	-2.571	0 %100
171	M183	X	1.036	1.036	0 %100
172	M183	Z	-1.795	-1.795	0 %100
173	M184	X	1.357	1.357	0 %100
174	M184	Z	-2.35	-2.35	0 %100
175	M185	X	.894	.894	0 %100
176	M185	Z	-1.549	-1.549	0 %100
177	M186	X	1.244	1.244	0 %100
178	M186	Z	-2.155	-2.155	0 %100
179	M187	X	.822	.822	0 %100
180	M187	Z	-1.424	-1.424	0 %100
181	M188	X	1.186	1.186	0 %100
182	M188	Z	-2.054	-2.054	0 %100
183	M189	X	.753	.753	0 %100
184	M189	Z	-1.305	-1.305	0 %100
185	M190	X	1.137	1.137	0 %100
186	M190	Z	-1.969	-1.969	0 %100
187	M191	X	1.099	1.099	0 %100
188	M191	Z	-1.904	-1.904	0 %100
189	M194	X	.187	.187	0 %100
190	M194	Z	-.323	-.323	0 %100
191	M195	X	.186	.186	0 %100
192	M195	Z	-.322	-.322	0 %100
193	M196	X	.634	.634	0 %100
194	M196	Z	-1.097	-1.097	0 %100
195	M197	X	.627	.627	0 %100
196	M197	Z	-1.086	-1.086	0 %100
197	M198	X	.634	.634	0 %100
198	M198	Z	-1.098	-1.098	0 %100
199	M199	X	.627	.627	0 %100
200	M199	Z	-1.086	-1.086	0 %100
201	M200	X	1.135	1.135	0 %100
202	M200	Z	-1.965	-1.965	0 %100
203	M201	X	1.547	1.547	0 %100
204	M201	Z	-2.68	-2.68	0 %100
205	M202	X	1.15	1.15	0 %100
206	M202	Z	-1.992	-1.992	0 %100
207	M203	X	1.547	1.547	0 %100
208	M203	Z	-2.68	-2.68	0 %100
209	M204	X	.249	.249	0 %100
210	M204	Z	-.431	-.431	0 %100
211	M205	X	.248	.248	0 %100
212	M205	Z	-.429	-.429	0 %100
213	M210	X	.586	.586	0 %100
214	M210	Z	-1.016	-1.016	0 %100
215	M211	X	.245	.245	0 %100
216	M211	Z	-.425	-.425	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, %]
217	M212	X	.602	.602	0 %100
218	M212	Z	-1.042	-1.042	0 %100
219	M213	X	.639	.639	0 %100
220	M213	Z	-1.108	-1.108	0 %100
221	M214	X	.245	.245	0 %100
222	M214	Z	-.425	-.425	0 %100
223	M215	X	.596	.596	0 %100
224	M215	Z	-1.032	-1.032	0 %100
225	M216	X	.636	.636	0 %100
226	M216	Z	-1.101	-1.101	0 %100
227	M217	X	.585	.585	0 %100
228	M217	Z	-1.013	-1.013	0 %100
229	M218	X	.709	.709	0 %100
230	M218	Z	-1.227	-1.227	0 %100
231	M219	X	.606	.606	0 %100
232	M219	Z	-1.05	-1.05	0 %100
233	M241	X	3.816	3.816	0 %100
234	M241	Z	-6.609	-6.609	0 %100
235	M242	X	3.816	3.816	0 %100
236	M242	Z	-6.609	-6.609	0 %100
237	M243	X	1.821	1.821	0 %100
238	M243	Z	-3.155	-3.155	0 %100
239	M244	X	1.821	1.821	0 %100
240	M244	Z	-3.155	-3.155	0 %100
241	M245	X	4.963	4.963	0 %100
242	M245	Z	-8.597	-8.597	0 %100
243	M246	X	5.888	5.888	0 %100
244	M246	Z	-10.199	-10.199	0 %100
245	M247	X	5.888	5.888	0 %100
246	M247	Z	-10.199	-10.199	0 %100
247	M248	X	0	0	0 %100
248	M248	Z	0	0	0 %100
249	M249	X	0	0	0 %100
250	M249	Z	0	0	0 %100
251	M250	X	0	0	0 %100
252	M250	Z	0	0	0 %100
253	M251	X	0	0	0 %100
254	M251	Z	0	0	0 %100
255	M252	X	0	0	0 %100
256	M252	Z	0	0	0 %100
257	M253	X	0	0	0 %100
258	M253	Z	0	0	0 %100
259	M274	X	1.002	1.002	0 %100
260	M274	Z	-1.736	-1.736	0 %100
261	M275	X	.981	.981	0 %100
262	M275	Z	-1.7	-1.7	0 %100
263	M276	X	.757	.757	0 %100
264	M276	Z	-1.311	-1.311	0 %100
265	M277	X	.736	.736	0 %100
266	M277	Z	-1.275	-1.275	0 %100
267	M278	X	2.578	2.578	0 %100
268	M278	Z	-4.465	-4.465	0 %100
269	M279	X	2.378	2.378	0 %100
270	M279	Z	-4.119	-4.119	0 %100
271	M280	X	2.619	2.619	0 %100
272	M280	Z	-4.536	-4.536	0 %100
273	M281	X	2.394	2.394	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.%,]
274	M281	Z	-4.146	-4.146	0 %100
275	M282	X	2.509	2.509	0 %100
276	M282	Z	-4.345	-4.345	0 %100
277	M284	X	2.571	2.571	0 %100
278	M284	Z	-4.454	-4.454	0 %100
279	M285	X	2.379	2.379	0 %100
280	M285	Z	-4.121	-4.121	0 %100
281	M286	X	2.41	2.41	0 %100
282	M286	Z	-4.175	-4.175	0 %100
283	M287	X	2.242	2.242	0 %100
284	M287	Z	-3.884	-3.884	0 %100
285	M288	X	2.298	2.298	0 %100
286	M288	Z	-3.98	-3.98	0 %100
287	M289	X	2.104	2.104	0 %100
288	M289	Z	-3.644	-3.644	0 %100
289	M290	X	2.206	2.206	0 %100
290	M290	Z	-3.821	-3.821	0 %100
291	M291	X	2.032	2.032	0 %100
292	M291	Z	-3.52	-3.52	0 %100
293	M292	X	2.128	2.128	0 %100
294	M292	Z	-3.685	-3.685	0 %100
295	M293	X	1.972	1.972	0 %100
296	M293	Z	-3.415	-3.415	0 %100
297	M294	X	1.963	1.963	0 %100
298	M294	Z	-3.4	-3.4	0 %100
299	M297	X	.746	.746	0 %100
300	M297	Z	-1.293	-1.293	0 %100
301	M298	X	.743	.743	0 %100
302	M298	Z	-1.287	-1.287	0 %100
303	M299	X	2.534	2.534	0 %100
304	M299	Z	-4.39	-4.39	0 %100
305	M300	X	2.508	2.508	0 %100
306	M300	Z	-4.344	-4.344	0 %100
307	M301	X	2.535	2.535	0 %100
308	M301	Z	-4.391	-4.391	0 %100
309	M302	X	2.508	2.508	0 %100
310	M302	Z	-4.344	-4.344	0 %100
311	M303	X	2.776	2.776	0 %100
312	M303	Z	-4.808	-4.808	0 %100
313	M304	X	2.509	2.509	0 %100
314	M304	Z	-4.345	-4.345	0 %100
315	M305	X	2.757	2.757	0 %100
316	M305	Z	-4.775	-4.775	0 %100
317	M306	X	2.509	2.509	0 %100
318	M306	Z	-4.345	-4.345	0 %100
319	M307A	X	.995	.995	0 %100
320	M307A	Z	-1.724	-1.724	0 %100
321	M308A	X	.991	.991	0 %100
322	M308A	Z	-1.716	-1.716	0 %100
323	M313A	X	.736	.736	0 %100
324	M313A	Z	-1.275	-1.275	0 %100
325	M314A	X	.981	.981	0 %100
326	M314A	Z	-1.7	-1.7	0 %100
327	M315A	X	2.406	2.406	0 %100
328	M315A	Z	-4.167	-4.167	0 %100
329	M316A	X	2.405	2.405	0 %100
330	M316A	Z	-4.165	-4.165	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, %]
331	M317A	X	.981	.981	0	%100
332	M317A	Z	-1.7	-1.7	0	%100
333	M318A	X	2.383	2.383	0	%100
334	M318A	Z	-4.127	-4.127	0	%100
335	M319A	X	2.393	2.393	0	%100
336	M319A	Z	-4.145	-4.145	0	%100
337	M320A	X	.736	.736	0	%100
338	M320A	Z	-1.275	-1.275	0	%100
339	M321A	X	2.049	2.049	0	%100
340	M321A	Z	-3.549	-3.549	0	%100
341	M322A	X	2.03	2.03	0	%100
342	M322A	Z	-3.515	-3.515	0	%100
343	M327	X	4.232	4.232	0	%100
344	M327	Z	-7.331	-7.331	0	%100
345	MP1C	X	5.643	5.643	0	%100
346	MP1C	Z	-9.774	-9.774	0	%100
347	MP2C	X	5.643	5.643	0	%100
348	MP2C	Z	-9.774	-9.774	0	%100
349	MP3C	X	5.643	5.643	0	%100
350	MP3C	Z	-9.774	-9.774	0	%100
351	MP4C	X	5.643	5.643	0	%100
352	MP4C	Z	-9.774	-9.774	0	%100
353	M336A	X	3.496	3.496	0	%100
354	M336A	Z	-6.056	-6.056	0	%100
355	M342	X	0	0	0	%100
356	M342	Z	0	0	0	%100
357	MP1B	X	5.643	5.643	0	%100
358	MP1B	Z	-9.774	-9.774	0	%100
359	MP2B	X	5.643	5.643	0	%100
360	MP2B	Z	-9.774	-9.774	0	%100
361	MP3B	X	5.643	5.643	0	%100
362	MP3B	Z	-9.774	-9.774	0	%100
363	MP4B	X	5.643	5.643	0	%100
364	MP4B	Z	-9.774	-9.774	0	%100
365	M351	X	0	0	0	%100
366	M351	Z	0	0	0	%100
367	M356	X	3.412	3.412	0	%100
368	M356	Z	-5.91	-5.91	0	%100
369	M359	X	4.804	4.804	0	%100
370	M359	Z	-8.32	-8.32	0	%100
371	M360	X	0	0	0	%100
372	M360	Z	0	0	0	%100
373	M361	X	4.804	4.804	0	%100
374	M361	Z	-8.32	-8.32	0	%100
375	M364	X	3.085	3.085	0	%100
376	M364	Z	-5.344	-5.344	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	M122	X	12.333	12.333	0	%100
2	M122	Z	-7.12	-7.12	0	%100
3	M123	X	.885	.885	0	%100
4	M123	Z	-.511	-.511	0	%100
5	M124	X	9.465	9.465	0	%100
6	M124	Z	-5.465	-5.465	0	%100
7	M125	X	0	0	0	%100





Company : Maser Consulting  
 Designer : AE  
 Job Number : 21777005A  
 Model Name : Antenna Mount Analysis

Mar 25, 2021  
 8:59 AM  
 Checked By: DX

**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, %]	
8	M125	Z	0	0	0	%100
9	M126	X	6.448	6.448	0	%100
10	M126	Z	-3.723	-3.723	0	%100
11	M127	X	7.573	7.573	0	%100
12	M127	Z	-4.372	-4.372	0	%100
13	M128	X	7.726	7.726	0	%100
14	M128	Z	-4.46	-4.46	0	%100
15	M129	X	2.433	2.433	0	%100
16	M129	Z	-1.404	-1.404	0	%100
17	M130	X	2.256	2.256	0	%100
18	M130	Z	-1.303	-1.303	0	%100
19	M131	X	2.052	2.052	0	%100
20	M131	Z	-1.185	-1.185	0	%100
21	M132	X	2.433	2.433	0	%100
22	M132	Z	-1.404	-1.404	0	%100
23	M133	X	2.256	2.256	0	%100
24	M133	Z	-1.303	-1.303	0	%100
25	M134	X	2.052	2.052	0	%100
26	M134	Z	-1.185	-1.185	0	%100
27	M177	X	2.444	2.444	0	%100
28	M177	Z	-1.411	-1.411	0	%100
29	M287A	X	1.302	1.302	0	%100
30	M287A	Z	-0.752	-0.752	0	%100
31	M289A	X	1.275	1.275	0	%100
32	M289A	Z	-0.736	-0.736	0	%100
33	M290A	X	1.571	1.571	0	%100
34	M290A	Z	-0.907	-0.907	0	%100
35	M292A	X	1.344	1.344	0	%100
36	M292A	Z	-0.776	-0.776	0	%100
37	M293A	X	3.349	3.349	0	%100
38	M293A	Z	-1.933	-1.933	0	%100
39	M295A	X	3.09	3.09	0	%100
40	M295A	Z	-1.784	-1.784	0	%100
41	M296A	X	3.457	3.457	0	%100
42	M296A	Z	-1.996	-1.996	0	%100
43	M298A	X	3.147	3.147	0	%100
44	M298A	Z	-1.817	-1.817	0	%100
45	M299A	X	3.79	3.79	0	%100
46	M299A	Z	-2.188	-2.188	0	%100
47	M301A	X	3.608	3.608	0	%100
48	M301A	Z	-2.083	-2.083	0	%100
49	M302A	X	3.604	3.604	0	%100
50	M302A	Z	-2.081	-2.081	0	%100
51	M305A	X	3.381	3.381	0	%100
52	M305A	Z	-1.952	-1.952	0	%100
53	M306A	X	3.373	3.373	0	%100
54	M306A	Z	-1.947	-1.947	0	%100
55	M307	X	3.17	3.17	0	%100
56	M307	Z	-1.83	-1.83	0	%100
57	M308	X	3.147	3.147	0	%100
58	M308	Z	-1.817	-1.817	0	%100
59	M309	X	3.022	3.022	0	%100
60	M309	Z	-1.745	-1.745	0	%100
61	M310	X	3.031	3.031	0	%100
62	M310	Z	-1.75	-1.75	0	%100
63	M311	X	2.892	2.892	0	%100
64	M311	Z	-1.67	-1.67	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, %]
65	M312	X	2.933	2.933	0 %100
66	M312	Z	-1.693	-1.693	0 %100
67	M313	X	2.901	2.901	0 %100
68	M313	Z	-1.675	-1.675	0 %100
69	M316	X	.969	.969	0 %100
70	M316	Z	-.56	-.56	0 %100
71	M317	X	.965	.965	0 %100
72	M317	Z	-.557	-.557	0 %100
73	M318	X	3.292	3.292	0 %100
74	M318	Z	-1.901	-1.901	0 %100
75	M319	X	3.258	3.258	0 %100
76	M319	Z	-1.881	-1.881	0 %100
77	M320	X	3.294	3.294	0 %100
78	M320	Z	-1.902	-1.902	0 %100
79	M321	X	3.258	3.258	0 %100
80	M321	Z	-1.881	-1.881	0 %100
81	M322	X	3.86	3.86	0 %100
82	M322	Z	-2.229	-2.229	0 %100
83	M323A	X	3.79	3.79	0 %100
84	M323A	Z	-2.188	-2.188	0 %100
85	M324A	X	3.847	3.847	0 %100
86	M324A	Z	-2.221	-2.221	0 %100
87	M325A	X	3.79	3.79	0 %100
88	M325A	Z	-2.188	-2.188	0 %100
89	M326A	X	1.293	1.293	0 %100
90	M326A	Z	-.746	-.746	0 %100
91	M327A	X	1.287	1.287	0 %100
92	M327A	Z	-.743	-.743	0 %100
93	M332B	X	1.189	1.189	0 %100
94	M332B	Z	-.686	-.686	0 %100
95	M333A	X	1.275	1.275	0 %100
96	M333A	Z	-.736	-.736	0 %100
97	M334A	X	3.126	3.126	0 %100
98	M334A	Z	-1.805	-1.805	0 %100
99	M335A	X	3.146	3.146	0 %100
100	M335A	Z	-1.816	-1.816	0 %100
101	M336	X	1.275	1.275	0 %100
102	M336	Z	-.736	-.736	0 %100
103	M337	X	3.095	3.095	0 %100
104	M337	Z	-1.787	-1.787	0 %100
105	M338	X	3.13	3.13	0 %100
106	M338	Z	-1.807	-1.807	0 %100
107	M339	X	1.188	1.188	0 %100
108	M339	Z	-.686	-.686	0 %100
109	M344	X	2.775	2.775	0 %100
110	M344	Z	-1.602	-1.602	0 %100
111	M345	X	2.694	2.694	0 %100
112	M345	Z	-1.555	-1.555	0 %100
113	MP1A	X	9.774	9.774	0 %100
114	MP1A	Z	-5.643	-5.643	0 %100
115	MP2A	X	9.774	9.774	0 %100
116	MP2A	Z	-5.643	-5.643	0 %100
117	MP3A	X	9.774	9.774	0 %100
118	MP3A	Z	-5.643	-5.643	0 %100
119	MP4A	X	9.774	9.774	0 %100
120	MP4A	Z	-5.643	-5.643	0 %100
121	M344A	X	2.019	2.019	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, %]
122	M344A	Z	-1.165	-1.165	0 %100
123	M138	X	6.61	6.61	0 %100
124	M138	Z	-3.816	-3.816	0 %100
125	M139	X	6.61	6.61	0 %100
126	M139	Z	-3.816	-3.816	0 %100
127	M140	X	9.465	9.465	0 %100
128	M140	Z	-5.465	-5.465	0 %100
129	M141	X	9.465	9.465	0 %100
130	M141	Z	-5.465	-5.465	0 %100
131	M142	X	0	0	0 %100
132	M142	Z	0	0	0 %100
133	M143	X	.000766	.000766	0 %100
134	M143	Z	-.000442	-.000442	0 %100
135	M144	X	.000766	.000766	0 %100
136	M144	Z	-.000442	-.000442	0 %100
137	M145	X	9.73	9.73	0 %100
138	M145	Z	-5.618	-5.618	0 %100
139	M146	X	9.025	9.025	0 %100
140	M146	Z	-5.211	-5.211	0 %100
141	M147	X	8.208	8.208	0 %100
142	M147	Z	-4.739	-4.739	0 %100
143	M148	X	9.73	9.73	0 %100
144	M148	Z	-5.618	-5.618	0 %100
145	M149	X	9.025	9.025	0 %100
146	M149	Z	-5.211	-5.211	0 %100
147	M150	X	8.208	8.208	0 %100
148	M150	Z	-4.739	-4.739	0 %100
149	M171	X	0	0	0 %100
150	M171	Z	0	0	0 %100
151	M172	X	0	0	0 %100
152	M172	Z	0	0	0 %100
153	M173	X	2.353	2.353	0 %100
154	M173	Z	-1.358	-1.358	0 %100
155	M174	X	1.553	1.553	0 %100
156	M174	Z	-.897	-.897	0 %100
157	M175	X	0	0	0 %100
158	M175	Z	0	0	0 %100
159	M176	X	0	0	0 %100
160	M176	Z	0	0	0 %100
161	M177A	X	.22	.22	0 %100
162	M177A	Z	-.127	-.127	0 %100
163	M178	X	.149	.149	0 %100
164	M178	Z	-.086	-.086	0 %100
165	M179	X	2.125	2.125	0 %100
166	M179	Z	-1.227	-1.227	0 %100
167	M181	X	1.071	1.071	0 %100
168	M181	Z	-.618	-.618	0 %100
169	M182	X	2.055	2.055	0 %100
170	M182	Z	-1.186	-1.186	0 %100
171	M183	X	1.001	1.001	0 %100
172	M183	Z	-.578	-.578	0 %100
173	M184	X	1.839	1.839	0 %100
174	M184	Z	-1.062	-1.062	0 %100
175	M185	X	.738	.738	0 %100
176	M185	Z	-.426	-.426	0 %100
177	M186	X	1.659	1.659	0 %100
178	M186	Z	-.958	-.958	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, %]
179	M187	X	.625	.625	0 %100
180	M187	Z	-.361	-.361	0 %100
181	M188	X	1.566	1.566	0 %100
182	M188	Z	-.904	-.904	0 %100
183	M189	X	.511	.511	0 %100
184	M189	Z	-.295	-.295	0 %100
185	M190	X	1.487	1.487	0 %100
186	M190	Z	-.859	-.859	0 %100
187	M191	X	1.405	1.405	0 %100
188	M191	Z	-.811	-.811	0 %100
189	M194	X	0	0	0 %100
190	M194	Z	0	0	0 %100
191	M195	X	0	0	0 %100
192	M195	Z	0	0	0 %100
193	M196	X	0	0	0 %100
194	M196	Z	0	0	0 %100
195	M197	X	0	0	0 %100
196	M197	Z	0	0	0 %100
197	M198	X	0	0	0 %100
198	M198	Z	0	0	0 %100
199	M199	X	0	0	0 %100
200	M199	Z	0	0	0 %100
201	M200	X	1.018	1.018	0 %100
202	M200	Z	-.588	-.588	0 %100
203	M201	X	2.125	2.125	0 %100
204	M201	Z	-1.227	-1.227	0 %100
205	M202	X	1.064	1.064	0 %100
206	M202	Z	-.614	-.614	0 %100
207	M203	X	2.125	2.125	0 %100
208	M203	Z	-1.227	-1.227	0 %100
209	M204	X	0	0	0 %100
210	M204	Z	0	0	0 %100
211	M205	X	0	0	0 %100
212	M205	Z	0	0	0 %100
213	M210	X	.929	.929	0 %100
214	M210	Z	-.537	-.537	0 %100
215	M211	X	0	0	0 %100
216	M211	Z	0	0	0 %100
217	M212	X	0	0	0 %100
218	M212	Z	0	0	0 %100
219	M213	X	.088	.088	0 %100
220	M213	Z	-.051	-.051	0 %100
221	M214	X	0	0	0 %100
222	M214	Z	0	0	0 %100
223	M215	X	0	0	0 %100
224	M215	Z	0	0	0 %100
225	M216	X	.087	.087	0 %100
226	M216	Z	-.05	-.05	0 %100
227	M217	X	.926	.926	0 %100
228	M217	Z	-.534	-.534	0 %100
229	M218	X	.454	.454	0 %100
230	M218	Z	-.262	-.262	0 %100
231	M219	X	.228	.228	0 %100
232	M219	Z	-.132	-.132	0 %100
233	M241	X	.885	.885	0 %100
234	M241	Z	-.511	-.511	0 %100
235	M242	X	12.333	12.333	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, %]
236	M242	Z	-7.12	-7.12	0 %100
237	M243	X	0	0	0 %100
238	M243	Z	0	0	0 %100
239	M244	X	9.465	9.465	0 %100
240	M244	Z	-5.465	-5.465	0 %100
241	M245	X	6.448	6.448	0 %100
242	M245	Z	-3.723	-3.723	0 %100
243	M246	X	7.726	7.726	0 %100
244	M246	Z	-4.46	-4.46	0 %100
245	M247	X	7.573	7.573	0 %100
246	M247	Z	-4.372	-4.372	0 %100
247	M248	X	2.433	2.433	0 %100
248	M248	Z	-1.404	-1.404	0 %100
249	M249	X	2.256	2.256	0 %100
250	M249	Z	-1.303	-1.303	0 %100
251	M250	X	2.052	2.052	0 %100
252	M250	Z	-1.185	-1.185	0 %100
253	M251	X	2.433	2.433	0 %100
254	M251	Z	-1.404	-1.404	0 %100
255	M252	X	2.256	2.256	0 %100
256	M252	Z	-1.303	-1.303	0 %100
257	M253	X	2.052	2.052	0 %100
258	M253	Z	-1.185	-1.185	0 %100
259	M274	X	1.302	1.302	0 %100
260	M274	Z	-0.752	-0.752	0 %100
261	M275	X	1.275	1.275	0 %100
262	M275	Z	-0.736	-0.736	0 %100
263	M276	X	1.571	1.571	0 %100
264	M276	Z	-0.907	-0.907	0 %100
265	M277	X	1.344	1.344	0 %100
266	M277	Z	-0.776	-0.776	0 %100
267	M278	X	3.349	3.349	0 %100
268	M278	Z	-1.933	-1.933	0 %100
269	M279	X	3.09	3.09	0 %100
270	M279	Z	-1.784	-1.784	0 %100
271	M280	X	3.457	3.457	0 %100
272	M280	Z	-1.996	-1.996	0 %100
273	M281	X	3.147	3.147	0 %100
274	M281	Z	-1.817	-1.817	0 %100
275	M282	X	3.79	3.79	0 %100
276	M282	Z	-2.188	-2.188	0 %100
277	M284	X	3.608	3.608	0 %100
278	M284	Z	-2.083	-2.083	0 %100
279	M285	X	3.604	3.604	0 %100
280	M285	Z	-2.081	-2.081	0 %100
281	M286	X	3.381	3.381	0 %100
282	M286	Z	-1.952	-1.952	0 %100
283	M287	X	3.373	3.373	0 %100
284	M287	Z	-1.947	-1.947	0 %100
285	M288	X	3.17	3.17	0 %100
286	M288	Z	-1.83	-1.83	0 %100
287	M289	X	3.147	3.147	0 %100
288	M289	Z	-1.817	-1.817	0 %100
289	M290	X	3.022	3.022	0 %100
290	M290	Z	-1.745	-1.745	0 %100
291	M291	X	3.031	3.031	0 %100
292	M291	Z	-1.75	-1.75	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, %]
293	M292	X	2.892	2.892	0 %100
294	M292	Z	-1.67	-1.67	0 %100
295	M293	X	2.933	2.933	0 %100
296	M293	Z	-1.693	-1.693	0 %100
297	M294	X	2.901	2.901	0 %100
298	M294	Z	-1.675	-1.675	0 %100
299	M297	X	.969	.969	0 %100
300	M297	Z	-.56	-.56	0 %100
301	M298	X	.965	.965	0 %100
302	M298	Z	-.557	-.557	0 %100
303	M299	X	3.292	3.292	0 %100
304	M299	Z	-1.901	-1.901	0 %100
305	M300	X	3.258	3.258	0 %100
306	M300	Z	-1.881	-1.881	0 %100
307	M301	X	3.294	3.294	0 %100
308	M301	Z	-1.902	-1.902	0 %100
309	M302	X	3.258	3.258	0 %100
310	M302	Z	-1.881	-1.881	0 %100
311	M303	X	3.86	3.86	0 %100
312	M303	Z	-2.229	-2.229	0 %100
313	M304	X	3.79	3.79	0 %100
314	M304	Z	-2.188	-2.188	0 %100
315	M305	X	3.847	3.847	0 %100
316	M305	Z	-2.221	-2.221	0 %100
317	M306	X	3.79	3.79	0 %100
318	M306	Z	-2.188	-2.188	0 %100
319	M307A	X	1.293	1.293	0 %100
320	M307A	Z	-.746	-.746	0 %100
321	M308A	X	1.287	1.287	0 %100
322	M308A	Z	-.743	-.743	0 %100
323	M313A	X	1.189	1.189	0 %100
324	M313A	Z	-.686	-.686	0 %100
325	M314A	X	1.275	1.275	0 %100
326	M314A	Z	-.736	-.736	0 %100
327	M315A	X	3.126	3.126	0 %100
328	M315A	Z	-1.805	-1.805	0 %100
329	M316A	X	3.146	3.146	0 %100
330	M316A	Z	-1.816	-1.816	0 %100
331	M317A	X	1.275	1.275	0 %100
332	M317A	Z	-.736	-.736	0 %100
333	M318A	X	3.095	3.095	0 %100
334	M318A	Z	-1.787	-1.787	0 %100
335	M319A	X	3.13	3.13	0 %100
336	M319A	Z	-1.807	-1.807	0 %100
337	M320A	X	1.188	1.188	0 %100
338	M320A	Z	-.686	-.686	0 %100
339	M321A	X	2.775	2.775	0 %100
340	M321A	Z	-1.602	-1.602	0 %100
341	M322A	X	2.694	2.694	0 %100
342	M322A	Z	-1.555	-1.555	0 %100
343	M327	X	9.774	9.774	0 %100
344	M327	Z	-5.643	-5.643	0 %100
345	MP1C	X	9.774	9.774	0 %100
346	MP1C	Z	-5.643	-5.643	0 %100
347	MP2C	X	9.774	9.774	0 %100
348	MP2C	Z	-5.643	-5.643	0 %100
349	MP3C	X	9.774	9.774	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, %]
350	MP3C	Z	-5.643	-5.643	0 %100
351	MP4C	X	9.774	9.774	0 %100
352	MP4C	Z	-5.643	-5.643	0 %100
353	M336A	X	8.075	8.075	0 %100
354	M336A	Z	-4.662	-4.662	0 %100
355	M342	X	2.444	2.444	0 %100
356	M342	Z	-1.411	-1.411	0 %100
357	MP1B	X	9.774	9.774	0 %100
358	MP1B	Z	-5.643	-5.643	0 %100
359	MP2B	X	9.774	9.774	0 %100
360	MP2B	Z	-5.643	-5.643	0 %100
361	MP3B	X	9.774	9.774	0 %100
362	MP3B	Z	-5.643	-5.643	0 %100
363	MP4B	X	9.774	9.774	0 %100
364	MP4B	Z	-5.643	-5.643	0 %100
365	M351	X	2.019	2.019	0 %100
366	M351	Z	-1.165	-1.165	0 %100
367	M356	X	5.91	5.91	0 %100
368	M356	Z	-3.412	-3.412	0 %100
369	M359	X	11.094	11.094	0 %100
370	M359	Z	-6.405	-6.405	0 %100
371	M360	X	2.773	2.773	0 %100
372	M360	Z	-1.601	-1.601	0 %100
373	M361	X	2.774	2.774	0 %100
374	M361	Z	-1.601	-1.601	0 %100
375	M364	X	5.344	5.344	0 %100
376	M364	Z	-3.085	-3.085	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	M122	X	7.631	7.631	0 %100
2	M122	Z	0	0	0 %100
3	M123	X	7.631	7.631	0 %100
4	M123	Z	0	0	0 %100
5	M124	X	3.643	3.643	0 %100
6	M124	Z	0	0	0 %100
7	M125	X	3.643	3.643	0 %100
8	M125	Z	0	0	0 %100
9	M126	X	9.927	9.927	0 %100
10	M126	Z	0	0	0 %100
11	M127	X	11.776	11.776	0 %100
12	M127	Z	0	0	0 %100
13	M128	X	11.776	11.776	0 %100
14	M128	Z	0	0	0 %100
15	M129	X	0	0	0 %100
16	M129	Z	0	0	0 %100
17	M130	X	0	0	0 %100
18	M130	Z	0	0	0 %100
19	M131	X	0	0	0 %100
20	M131	Z	0	0	0 %100
21	M132	X	0	0	0 %100
22	M132	Z	0	0	0 %100
23	M133	X	0	0	0 %100
24	M133	Z	0	0	0 %100
25	M134	X	0	0	0 %100
26	M134	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, %]	
27	M177	X	0	0	0	%100
28	M177	Z	0	0	0	%100
29	M287A	X	2.004	2.004	0	%100
30	M287A	Z	0	0	0	%100
31	M289A	X	1.963	1.963	0	%100
32	M289A	Z	0	0	0	%100
33	M290A	X	1.513	1.513	0	%100
34	M290A	Z	0	0	0	%100
35	M292A	X	1.472	1.472	0	%100
36	M292A	Z	0	0	0	%100
37	M293A	X	5.156	5.156	0	%100
38	M293A	Z	0	0	0	%100
39	M295A	X	4.757	4.757	0	%100
40	M295A	Z	0	0	0	%100
41	M296A	X	5.237	5.237	0	%100
42	M296A	Z	0	0	0	%100
43	M298A	X	4.788	4.788	0	%100
44	M298A	Z	0	0	0	%100
45	M299A	X	5.018	5.018	0	%100
46	M299A	Z	0	0	0	%100
47	M301A	X	5.143	5.143	0	%100
48	M301A	Z	0	0	0	%100
49	M302A	X	4.758	4.758	0	%100
50	M302A	Z	0	0	0	%100
51	M305A	X	4.821	4.821	0	%100
52	M305A	Z	0	0	0	%100
53	M306A	X	4.485	4.485	0	%100
54	M306A	Z	0	0	0	%100
55	M307	X	4.596	4.596	0	%100
56	M307	Z	0	0	0	%100
57	M308	X	4.207	4.207	0	%100
58	M308	Z	0	0	0	%100
59	M309	X	4.412	4.412	0	%100
60	M309	Z	0	0	0	%100
61	M310	X	4.064	4.064	0	%100
62	M310	Z	0	0	0	%100
63	M311	X	4.255	4.255	0	%100
64	M311	Z	0	0	0	%100
65	M312	X	3.943	3.943	0	%100
66	M312	Z	0	0	0	%100
67	M313	X	3.926	3.926	0	%100
68	M313	Z	0	0	0	%100
69	M316	X	1.493	1.493	0	%100
70	M316	Z	0	0	0	%100
71	M317	X	1.486	1.486	0	%100
72	M317	Z	0	0	0	%100
73	M318	X	5.069	5.069	0	%100
74	M318	Z	0	0	0	%100
75	M319	X	5.016	5.016	0	%100
76	M319	Z	0	0	0	%100
77	M320	X	5.071	5.071	0	%100
78	M320	Z	0	0	0	%100
79	M321	X	5.016	5.016	0	%100
80	M321	Z	0	0	0	%100
81	M322	X	5.552	5.552	0	%100
82	M322	Z	0	0	0	%100
83	M323A	X	5.018	5.018	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.%,]	
84	M323A	Z	0	0	0	%100
85	M324A	X	5.514	5.514	0	%100
86	M324A	Z	0	0	0	%100
87	M325A	X	5.018	5.018	0	%100
88	M325A	Z	0	0	0	%100
89	M326A	X	1.99	1.99	0	%100
90	M326A	Z	0	0	0	%100
91	M327A	X	1.981	1.981	0	%100
92	M327A	Z	0	0	0	%100
93	M332B	X	1.472	1.472	0	%100
94	M332B	Z	0	0	0	%100
95	M333A	X	1.963	1.963	0	%100
96	M333A	Z	0	0	0	%100
97	M334A	X	4.812	4.812	0	%100
98	M334A	Z	0	0	0	%100
99	M335A	X	4.809	4.809	0	%100
100	M335A	Z	0	0	0	%100
101	M336	X	1.963	1.963	0	%100
102	M336	Z	0	0	0	%100
103	M337	X	4.765	4.765	0	%100
104	M337	Z	0	0	0	%100
105	M338	X	4.786	4.786	0	%100
106	M338	Z	0	0	0	%100
107	M339	X	1.472	1.472	0	%100
108	M339	Z	0	0	0	%100
109	M344	X	4.098	4.098	0	%100
110	M344	Z	0	0	0	%100
111	M345	X	4.059	4.059	0	%100
112	M345	Z	0	0	0	%100
113	MP1A	X	11.287	11.287	0	%100
114	MP1A	Z	0	0	0	%100
115	MP2A	X	11.287	11.287	0	%100
116	MP2A	Z	0	0	0	%100
117	MP3A	X	11.287	11.287	0	%100
118	MP3A	Z	0	0	0	%100
119	MP4A	X	11.287	11.287	0	%100
120	MP4A	Z	0	0	0	%100
121	M344A	X	0	0	0	%100
122	M344A	Z	0	0	0	%100
123	M138	X	14.242	14.242	0	%100
124	M138	Z	0	0	0	%100
125	M139	X	1.023	1.023	0	%100
126	M139	Z	0	0	0	%100
127	M140	X	14.572	14.572	0	%100
128	M140	Z	0	0	0	%100
129	M141	X	3.643	3.643	0	%100
130	M141	Z	0	0	0	%100
131	M142	X	2.482	2.482	0	%100
132	M142	Z	0	0	0	%100
133	M143	X	2.856	2.856	0	%100
134	M143	Z	0	0	0	%100
135	M144	X	3.033	3.033	0	%100
136	M144	Z	0	0	0	%100
137	M145	X	8.427	8.427	0	%100
138	M145	Z	0	0	0	%100
139	M146	X	7.816	7.816	0	%100
140	M146	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, %]
141	M147	X	7.109	7.109	0 %100
142	M147	Z	0	0	0 %100
143	M148	X	8.427	8.427	0 %100
144	M148	Z	0	0	0 %100
145	M149	X	7.816	7.816	0 %100
146	M149	Z	0	0	0 %100
147	M150	X	7.109	7.109	0 %100
148	M150	Z	0	0	0 %100
149	M171	X	.501	.501	0 %100
150	M171	Z	0	0	0 %100
151	M172	X	.491	.491	0 %100
152	M172	Z	0	0	0 %100
153	M173	X	2.416	2.416	0 %100
154	M173	Z	0	0	0 %100
155	M174	X	1.713	1.713	0 %100
156	M174	Z	0	0	0 %100
157	M175	X	1.289	1.289	0 %100
158	M175	Z	0	0	0 %100
159	M176	X	1.189	1.189	0 %100
160	M176	Z	0	0	0 %100
161	M177A	X	1.5	1.5	0 %100
162	M177A	Z	0	0	0 %100
163	M178	X	1.326	1.326	0 %100
164	M178	Z	0	0	0 %100
165	M179	X	3.095	3.095	0 %100
166	M179	Z	0	0	0 %100
167	M181	X	2.213	2.213	0 %100
168	M181	Z	0	0	0 %100
169	M182	X	2.969	2.969	0 %100
170	M182	Z	0	0	0 %100
171	M183	X	2.072	2.072	0 %100
172	M183	Z	0	0	0 %100
173	M184	X	2.713	2.713	0 %100
174	M184	Z	0	0	0 %100
175	M185	X	1.788	1.788	0 %100
176	M185	Z	0	0	0 %100
177	M186	X	2.488	2.488	0 %100
178	M186	Z	0	0	0 %100
179	M187	X	1.644	1.644	0 %100
180	M187	Z	0	0	0 %100
181	M188	X	2.372	2.372	0 %100
182	M188	Z	0	0	0 %100
183	M189	X	1.507	1.507	0 %100
184	M189	Z	0	0	0 %100
185	M190	X	2.274	2.274	0 %100
186	M190	Z	0	0	0 %100
187	M191	X	2.198	2.198	0 %100
188	M191	Z	0	0	0 %100
189	M194	X	.373	.373	0 %100
190	M194	Z	0	0	0 %100
191	M195	X	.371	.371	0 %100
192	M195	Z	0	0	0 %100
193	M196	X	1.267	1.267	0 %100
194	M196	Z	0	0	0 %100
195	M197	X	1.254	1.254	0 %100
196	M197	Z	0	0	0 %100
197	M198	X	1.268	1.268	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.%]	
198	M198	Z	0	0	0	%100
199	M199	X	1.254	1.254	0	%100
200	M199	Z	0	0	0	%100
201	M200	X	2.27	2.27	0	%100
202	M200	Z	0	0	0	%100
203	M201	X	3.095	3.095	0	%100
204	M201	Z	0	0	0	%100
205	M202	X	2.3	2.3	0	%100
206	M202	Z	0	0	0	%100
207	M203	X	3.095	3.095	0	%100
208	M203	Z	0	0	0	%100
209	M204	X	.498	.498	0	%100
210	M204	Z	0	0	0	%100
211	M205	X	.495	.495	0	%100
212	M205	Z	0	0	0	%100
213	M210	X	1.173	1.173	0	%100
214	M210	Z	0	0	0	%100
215	M211	X	.491	.491	0	%100
216	M211	Z	0	0	0	%100
217	M212	X	1.203	1.203	0	%100
218	M212	Z	0	0	0	%100
219	M213	X	1.279	1.279	0	%100
220	M213	Z	0	0	0	%100
221	M214	X	.491	.491	0	%100
222	M214	Z	0	0	0	%100
223	M215	X	1.191	1.191	0	%100
224	M215	Z	0	0	0	%100
225	M216	X	1.272	1.272	0	%100
226	M216	Z	0	0	0	%100
227	M217	X	1.17	1.17	0	%100
228	M217	Z	0	0	0	%100
229	M218	X	1.417	1.417	0	%100
230	M218	Z	0	0	0	%100
231	M219	X	1.213	1.213	0	%100
232	M219	Z	0	0	0	%100
233	M241	X	1.023	1.023	0	%100
234	M241	Z	0	0	0	%100
235	M242	X	14.242	14.242	0	%100
236	M242	Z	0	0	0	%100
237	M243	X	3.643	3.643	0	%100
238	M243	Z	0	0	0	%100
239	M244	X	14.572	14.572	0	%100
240	M244	Z	0	0	0	%100
241	M245	X	2.482	2.482	0	%100
242	M245	Z	0	0	0	%100
243	M246	X	3.033	3.033	0	%100
244	M246	Z	0	0	0	%100
245	M247	X	2.856	2.856	0	%100
246	M247	Z	0	0	0	%100
247	M248	X	8.427	8.427	0	%100
248	M248	Z	0	0	0	%100
249	M249	X	7.816	7.816	0	%100
250	M249	Z	0	0	0	%100
251	M250	X	7.109	7.109	0	%100
252	M250	Z	0	0	0	%100
253	M251	X	8.427	8.427	0	%100
254	M251	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.%]
255	M252	X	7.816	7.816	0 %100
256	M252	Z	0	0	0 %100
257	M253	X	7.109	7.109	0 %100
258	M253	Z	0	0	0 %100
259	M274	X	.501	.501	0 %100
260	M274	Z	0	0	0 %100
261	M275	X	.491	.491	0 %100
262	M275	Z	0	0	0 %100
263	M276	X	2.416	2.416	0 %100
264	M276	Z	0	0	0 %100
265	M277	X	1.713	1.713	0 %100
266	M277	Z	0	0	0 %100
267	M278	X	1.289	1.289	0 %100
268	M278	Z	0	0	0 %100
269	M279	X	1.189	1.189	0 %100
270	M279	Z	0	0	0 %100
271	M280	X	1.5	1.5	0 %100
272	M280	Z	0	0	0 %100
273	M281	X	1.326	1.326	0 %100
274	M281	Z	0	0	0 %100
275	M282	X	3.095	3.095	0 %100
276	M282	Z	0	0	0 %100
277	M284	X	2.213	2.213	0 %100
278	M284	Z	0	0	0 %100
279	M285	X	2.969	2.969	0 %100
280	M285	Z	0	0	0 %100
281	M286	X	2.072	2.072	0 %100
282	M286	Z	0	0	0 %100
283	M287	X	2.713	2.713	0 %100
284	M287	Z	0	0	0 %100
285	M288	X	1.788	1.788	0 %100
286	M288	Z	0	0	0 %100
287	M289	X	2.488	2.488	0 %100
288	M289	Z	0	0	0 %100
289	M290	X	1.644	1.644	0 %100
290	M290	Z	0	0	0 %100
291	M291	X	2.372	2.372	0 %100
292	M291	Z	0	0	0 %100
293	M292	X	1.507	1.507	0 %100
294	M292	Z	0	0	0 %100
295	M293	X	2.274	2.274	0 %100
296	M293	Z	0	0	0 %100
297	M294	X	2.198	2.198	0 %100
298	M294	Z	0	0	0 %100
299	M297	X	.373	.373	0 %100
300	M297	Z	0	0	0 %100
301	M298	X	.371	.371	0 %100
302	M298	Z	0	0	0 %100
303	M299	X	1.267	1.267	0 %100
304	M299	Z	0	0	0 %100
305	M300	X	1.254	1.254	0 %100
306	M300	Z	0	0	0 %100
307	M301	X	1.268	1.268	0 %100
308	M301	Z	0	0	0 %100
309	M302	X	1.254	1.254	0 %100
310	M302	Z	0	0	0 %100
311	M303	X	2.27	2.27	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, %]	
312	M303	Z	0	0	0	%100
313	M304	X	3.095	3.095	0	%100
314	M304	Z	0	0	0	%100
315	M305	X	2.3	2.3	0	%100
316	M305	Z	0	0	0	%100
317	M306	X	3.095	3.095	0	%100
318	M306	Z	0	0	0	%100
319	M307A	X	.498	.498	0	%100
320	M307A	Z	0	0	0	%100
321	M308A	X	.495	.495	0	%100
322	M308A	Z	0	0	0	%100
323	M313A	X	1.173	1.173	0	%100
324	M313A	Z	0	0	0	%100
325	M314A	X	.491	.491	0	%100
326	M314A	Z	0	0	0	%100
327	M315A	X	1.203	1.203	0	%100
328	M315A	Z	0	0	0	%100
329	M316A	X	1.279	1.279	0	%100
330	M316A	Z	0	0	0	%100
331	M317A	X	.491	.491	0	%100
332	M317A	Z	0	0	0	%100
333	M318A	X	1.191	1.191	0	%100
334	M318A	Z	0	0	0	%100
335	M319A	X	1.272	1.272	0	%100
336	M319A	Z	0	0	0	%100
337	M320A	X	1.17	1.17	0	%100
338	M320A	Z	0	0	0	%100
339	M321A	X	1.417	1.417	0	%100
340	M321A	Z	0	0	0	%100
341	M322A	X	1.213	1.213	0	%100
342	M322A	Z	0	0	0	%100
343	M327	X	8.465	8.465	0	%100
344	M327	Z	0	0	0	%100
345	MP1C	X	11.287	11.287	0	%100
346	MP1C	Z	0	0	0	%100
347	MP2C	X	11.287	11.287	0	%100
348	MP2C	Z	0	0	0	%100
349	MP3C	X	11.287	11.287	0	%100
350	MP3C	Z	0	0	0	%100
351	MP4C	X	11.287	11.287	0	%100
352	MP4C	Z	0	0	0	%100
353	M336A	X	6.993	6.993	0	%100
354	M336A	Z	0	0	0	%100
355	M342	X	8.465	8.465	0	%100
356	M342	Z	0	0	0	%100
357	MP1B	X	11.287	11.287	0	%100
358	MP1B	Z	0	0	0	%100
359	MP2B	X	11.287	11.287	0	%100
360	MP2B	Z	0	0	0	%100
361	MP3B	X	11.287	11.287	0	%100
362	MP3B	Z	0	0	0	%100
363	MP4B	X	11.287	11.287	0	%100
364	MP4B	Z	0	0	0	%100
365	M351	X	6.993	6.993	0	%100
366	M351	Z	0	0	0	%100
367	M356	X	6.825	6.825	0	%100
368	M356	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.%]
369	M359	X	9.608	9.608	0	%100
370	M359	Z	0	0	0	%100
371	M360	X	9.607	9.607	0	%100
372	M360	Z	0	0	0	%100
373	M361	X	0	0	0	%100
374	M361	Z	0	0	0	%100
375	M364	X	6.17	6.17	0	%100
376	M364	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	M122	X	.885	.885	0	%100
2	M122	Z	.511	.511	0	%100
3	M123	X	12.333	12.333	0	%100
4	M123	Z	7.12	7.12	0	%100
5	M124	X	0	0	0	%100
6	M124	Z	0	0	0	%100
7	M125	X	9.465	9.465	0	%100
8	M125	Z	5.465	5.465	0	%100
9	M126	X	6.448	6.448	0	%100
10	M126	Z	3.723	3.723	0	%100
11	M127	X	7.726	7.726	0	%100
12	M127	Z	4.46	4.46	0	%100
13	M128	X	7.573	7.573	0	%100
14	M128	Z	4.372	4.372	0	%100
15	M129	X	2.433	2.433	0	%100
16	M129	Z	1.404	1.404	0	%100
17	M130	X	2.256	2.256	0	%100
18	M130	Z	1.303	1.303	0	%100
19	M131	X	2.052	2.052	0	%100
20	M131	Z	1.185	1.185	0	%100
21	M132	X	2.433	2.433	0	%100
22	M132	Z	1.404	1.404	0	%100
23	M133	X	2.256	2.256	0	%100
24	M133	Z	1.303	1.303	0	%100
25	M134	X	2.052	2.052	0	%100
26	M134	Z	1.185	1.185	0	%100
27	M177	X	2.444	2.444	0	%100
28	M177	Z	1.411	1.411	0	%100
29	M287A	X	1.302	1.302	0	%100
30	M287A	Z	.752	.752	0	%100
31	M289A	X	1.275	1.275	0	%100
32	M289A	Z	.736	.736	0	%100
33	M290A	X	1.571	1.571	0	%100
34	M290A	Z	.907	.907	0	%100
35	M292A	X	1.344	1.344	0	%100
36	M292A	Z	.776	.776	0	%100
37	M293A	X	3.349	3.349	0	%100
38	M293A	Z	1.933	1.933	0	%100
39	M295A	X	3.09	3.09	0	%100
40	M295A	Z	1.784	1.784	0	%100
41	M296A	X	3.457	3.457	0	%100
42	M296A	Z	1.996	1.996	0	%100
43	M298A	X	3.147	3.147	0	%100
44	M298A	Z	1.817	1.817	0	%100
45	M299A	X	3.79	3.79	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.%]
46	M299A	Z	2.188	2.188	0 %100
47	M301A	X	3.608	3.608	0 %100
48	M301A	Z	2.083	2.083	0 %100
49	M302A	X	3.604	3.604	0 %100
50	M302A	Z	2.081	2.081	0 %100
51	M305A	X	3.381	3.381	0 %100
52	M305A	Z	1.952	1.952	0 %100
53	M306A	X	3.373	3.373	0 %100
54	M306A	Z	1.947	1.947	0 %100
55	M307	X	3.17	3.17	0 %100
56	M307	Z	1.83	1.83	0 %100
57	M308	X	3.147	3.147	0 %100
58	M308	Z	1.817	1.817	0 %100
59	M309	X	3.022	3.022	0 %100
60	M309	Z	1.745	1.745	0 %100
61	M310	X	3.031	3.031	0 %100
62	M310	Z	1.75	1.75	0 %100
63	M311	X	2.892	2.892	0 %100
64	M311	Z	1.67	1.67	0 %100
65	M312	X	2.933	2.933	0 %100
66	M312	Z	1.693	1.693	0 %100
67	M313	X	2.901	2.901	0 %100
68	M313	Z	1.675	1.675	0 %100
69	M316	X	.969	.969	0 %100
70	M316	Z	.56	.56	0 %100
71	M317	X	.965	.965	0 %100
72	M317	Z	.557	.557	0 %100
73	M318	X	3.292	3.292	0 %100
74	M318	Z	1.901	1.901	0 %100
75	M319	X	3.258	3.258	0 %100
76	M319	Z	1.881	1.881	0 %100
77	M320	X	3.294	3.294	0 %100
78	M320	Z	1.902	1.902	0 %100
79	M321	X	3.258	3.258	0 %100
80	M321	Z	1.881	1.881	0 %100
81	M322	X	3.86	3.86	0 %100
82	M322	Z	2.229	2.229	0 %100
83	M323A	X	3.79	3.79	0 %100
84	M323A	Z	2.188	2.188	0 %100
85	M324A	X	3.847	3.847	0 %100
86	M324A	Z	2.221	2.221	0 %100
87	M325A	X	3.79	3.79	0 %100
88	M325A	Z	2.188	2.188	0 %100
89	M326A	X	1.293	1.293	0 %100
90	M326A	Z	.746	.746	0 %100
91	M327A	X	1.287	1.287	0 %100
92	M327A	Z	.743	.743	0 %100
93	M332B	X	1.189	1.189	0 %100
94	M332B	Z	.686	.686	0 %100
95	M333A	X	1.275	1.275	0 %100
96	M333A	Z	.736	.736	0 %100
97	M334A	X	3.126	3.126	0 %100
98	M334A	Z	1.805	1.805	0 %100
99	M335A	X	3.146	3.146	0 %100
100	M335A	Z	1.816	1.816	0 %100
101	M336	X	1.275	1.275	0 %100
102	M336	Z	.736	.736	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, %]
103	M337	X	3.095	3.095	0 %100
104	M337	Z	1.787	1.787	0 %100
105	M338	X	3.13	3.13	0 %100
106	M338	Z	1.807	1.807	0 %100
107	M339	X	1.188	1.188	0 %100
108	M339	Z	.686	.686	0 %100
109	M344	X	2.775	2.775	0 %100
110	M344	Z	1.602	1.602	0 %100
111	M345	X	2.694	2.694	0 %100
112	M345	Z	1.555	1.555	0 %100
113	MP1A	X	9.774	9.774	0 %100
114	MP1A	Z	5.643	5.643	0 %100
115	MP2A	X	9.774	9.774	0 %100
116	MP2A	Z	5.643	5.643	0 %100
117	MP3A	X	9.774	9.774	0 %100
118	MP3A	Z	5.643	5.643	0 %100
119	MP4A	X	9.774	9.774	0 %100
120	MP4A	Z	5.643	5.643	0 %100
121	M344A	X	2.019	2.019	0 %100
122	M344A	Z	1.165	1.165	0 %100
123	M138	X	12.333	12.333	0 %100
124	M138	Z	7.12	7.12	0 %100
125	M139	X	.885	.885	0 %100
126	M139	Z	.511	.511	0 %100
127	M140	X	9.465	9.465	0 %100
128	M140	Z	5.465	5.465	0 %100
129	M141	X	0	0	0 %100
130	M141	Z	0	0	0 %100
131	M142	X	6.448	6.448	0 %100
132	M142	Z	3.723	3.723	0 %100
133	M143	X	7.573	7.573	0 %100
134	M143	Z	4.372	4.372	0 %100
135	M144	X	7.726	7.726	0 %100
136	M144	Z	4.46	4.46	0 %100
137	M145	X	2.433	2.433	0 %100
138	M145	Z	1.404	1.404	0 %100
139	M146	X	2.256	2.256	0 %100
140	M146	Z	1.303	1.303	0 %100
141	M147	X	2.052	2.052	0 %100
142	M147	Z	1.185	1.185	0 %100
143	M148	X	2.433	2.433	0 %100
144	M148	Z	1.404	1.404	0 %100
145	M149	X	2.256	2.256	0 %100
146	M149	Z	1.303	1.303	0 %100
147	M150	X	2.052	2.052	0 %100
148	M150	Z	1.185	1.185	0 %100
149	M171	X	1.302	1.302	0 %100
150	M171	Z	.752	.752	0 %100
151	M172	X	1.275	1.275	0 %100
152	M172	Z	.736	.736	0 %100
153	M173	X	1.571	1.571	0 %100
154	M173	Z	.907	.907	0 %100
155	M174	X	1.344	1.344	0 %100
156	M174	Z	.776	.776	0 %100
157	M175	X	3.349	3.349	0 %100
158	M175	Z	1.933	1.933	0 %100
159	M176	X	3.09	3.09	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, %]
160	M176	Z	1.784	1.784	0 %100
161	M177A	X	3.457	3.457	0 %100
162	M177A	Z	1.996	1.996	0 %100
163	M178	X	3.147	3.147	0 %100
164	M178	Z	1.817	1.817	0 %100
165	M179	X	3.79	3.79	0 %100
166	M179	Z	2.188	2.188	0 %100
167	M181	X	3.608	3.608	0 %100
168	M181	Z	2.083	2.083	0 %100
169	M182	X	3.604	3.604	0 %100
170	M182	Z	2.081	2.081	0 %100
171	M183	X	3.381	3.381	0 %100
172	M183	Z	1.952	1.952	0 %100
173	M184	X	3.373	3.373	0 %100
174	M184	Z	1.947	1.947	0 %100
175	M185	X	3.17	3.17	0 %100
176	M185	Z	1.83	1.83	0 %100
177	M186	X	3.147	3.147	0 %100
178	M186	Z	1.817	1.817	0 %100
179	M187	X	3.022	3.022	0 %100
180	M187	Z	1.745	1.745	0 %100
181	M188	X	3.031	3.031	0 %100
182	M188	Z	1.75	1.75	0 %100
183	M189	X	2.892	2.892	0 %100
184	M189	Z	1.67	1.67	0 %100
185	M190	X	2.933	2.933	0 %100
186	M190	Z	1.693	1.693	0 %100
187	M191	X	2.901	2.901	0 %100
188	M191	Z	1.675	1.675	0 %100
189	M194	X	.969	.969	0 %100
190	M194	Z	.56	.56	0 %100
191	M195	X	.965	.965	0 %100
192	M195	Z	.557	.557	0 %100
193	M196	X	3.292	3.292	0 %100
194	M196	Z	1.901	1.901	0 %100
195	M197	X	3.258	3.258	0 %100
196	M197	Z	1.881	1.881	0 %100
197	M198	X	3.294	3.294	0 %100
198	M198	Z	1.902	1.902	0 %100
199	M199	X	3.258	3.258	0 %100
200	M199	Z	1.881	1.881	0 %100
201	M200	X	3.86	3.86	0 %100
202	M200	Z	2.229	2.229	0 %100
203	M201	X	3.79	3.79	0 %100
204	M201	Z	2.188	2.188	0 %100
205	M202	X	3.847	3.847	0 %100
206	M202	Z	2.221	2.221	0 %100
207	M203	X	3.79	3.79	0 %100
208	M203	Z	2.188	2.188	0 %100
209	M204	X	1.293	1.293	0 %100
210	M204	Z	.746	.746	0 %100
211	M205	X	1.287	1.287	0 %100
212	M205	Z	.743	.743	0 %100
213	M210	X	1.189	1.189	0 %100
214	M210	Z	.686	.686	0 %100
215	M211	X	1.275	1.275	0 %100
216	M211	Z	.736	.736	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, %]
217	M212	X	3.126	3.126	0 %100
218	M212	Z	1.805	1.805	0 %100
219	M213	X	3.146	3.146	0 %100
220	M213	Z	1.816	1.816	0 %100
221	M214	X	1.275	1.275	0 %100
222	M214	Z	.736	.736	0 %100
223	M215	X	3.095	3.095	0 %100
224	M215	Z	1.787	1.787	0 %100
225	M216	X	3.13	3.13	0 %100
226	M216	Z	1.807	1.807	0 %100
227	M217	X	1.188	1.188	0 %100
228	M217	Z	.686	.686	0 %100
229	M218	X	2.775	2.775	0 %100
230	M218	Z	1.602	1.602	0 %100
231	M219	X	2.694	2.694	0 %100
232	M219	Z	1.555	1.555	0 %100
233	M241	X	6.61	6.61	0 %100
234	M241	Z	3.816	3.816	0 %100
235	M242	X	6.61	6.61	0 %100
236	M242	Z	3.816	3.816	0 %100
237	M243	X	9.465	9.465	0 %100
238	M243	Z	5.465	5.465	0 %100
239	M244	X	9.465	9.465	0 %100
240	M244	Z	5.465	5.465	0 %100
241	M245	X	0	0	0 %100
242	M245	Z	0	0	0 %100
243	M246	X	.000766	.000766	0 %100
244	M246	Z	.000442	.000442	0 %100
245	M247	X	.000766	.000766	0 %100
246	M247	Z	.000442	.000442	0 %100
247	M248	X	9.73	9.73	0 %100
248	M248	Z	5.618	5.618	0 %100
249	M249	X	9.025	9.025	0 %100
250	M249	Z	5.211	5.211	0 %100
251	M250	X	8.208	8.208	0 %100
252	M250	Z	4.739	4.739	0 %100
253	M251	X	9.73	9.73	0 %100
254	M251	Z	5.618	5.618	0 %100
255	M252	X	9.025	9.025	0 %100
256	M252	Z	5.211	5.211	0 %100
257	M253	X	8.208	8.208	0 %100
258	M253	Z	4.739	4.739	0 %100
259	M274	X	0	0	0 %100
260	M274	Z	0	0	0 %100
261	M275	X	0	0	0 %100
262	M275	Z	0	0	0 %100
263	M276	X	2.353	2.353	0 %100
264	M276	Z	1.358	1.358	0 %100
265	M277	X	1.553	1.553	0 %100
266	M277	Z	.897	.897	0 %100
267	M278	X	0	0	0 %100
268	M278	Z	0	0	0 %100
269	M279	X	0	0	0 %100
270	M279	Z	0	0	0 %100
271	M280	X	.22	.22	0 %100
272	M280	Z	.127	.127	0 %100
273	M281	X	.149	.149	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, %]
274	M281	Z	.086	.086	0 %100
275	M282	X	2.125	2.125	0 %100
276	M282	Z	1.227	1.227	0 %100
277	M284	X	1.071	1.071	0 %100
278	M284	Z	.618	.618	0 %100
279	M285	X	2.055	2.055	0 %100
280	M285	Z	1.186	1.186	0 %100
281	M286	X	1.001	1.001	0 %100
282	M286	Z	.578	.578	0 %100
283	M287	X	1.839	1.839	0 %100
284	M287	Z	1.062	1.062	0 %100
285	M288	X	.738	.738	0 %100
286	M288	Z	.426	.426	0 %100
287	M289	X	1.659	1.659	0 %100
288	M289	Z	.958	.958	0 %100
289	M290	X	.625	.625	0 %100
290	M290	Z	.361	.361	0 %100
291	M291	X	1.566	1.566	0 %100
292	M291	Z	.904	.904	0 %100
293	M292	X	.511	.511	0 %100
294	M292	Z	.295	.295	0 %100
295	M293	X	1.487	1.487	0 %100
296	M293	Z	.859	.859	0 %100
297	M294	X	1.405	1.405	0 %100
298	M294	Z	.811	.811	0 %100
299	M297	X	0	0	0 %100
300	M297	Z	0	0	0 %100
301	M298	X	0	0	0 %100
302	M298	Z	0	0	0 %100
303	M299	X	0	0	0 %100
304	M299	Z	0	0	0 %100
305	M300	X	0	0	0 %100
306	M300	Z	0	0	0 %100
307	M301	X	0	0	0 %100
308	M301	Z	0	0	0 %100
309	M302	X	0	0	0 %100
310	M302	Z	0	0	0 %100
311	M303	X	1.018	1.018	0 %100
312	M303	Z	.588	.588	0 %100
313	M304	X	2.125	2.125	0 %100
314	M304	Z	1.227	1.227	0 %100
315	M305	X	1.064	1.064	0 %100
316	M305	Z	.614	.614	0 %100
317	M306	X	2.125	2.125	0 %100
318	M306	Z	1.227	1.227	0 %100
319	M307A	X	0	0	0 %100
320	M307A	Z	0	0	0 %100
321	M308A	X	0	0	0 %100
322	M308A	Z	0	0	0 %100
323	M313A	X	.929	.929	0 %100
324	M313A	Z	.537	.537	0 %100
325	M314A	X	0	0	0 %100
326	M314A	Z	0	0	0 %100
327	M315A	X	0	0	0 %100
328	M315A	Z	0	0	0 %100
329	M316A	X	.088	.088	0 %100
330	M316A	Z	.051	.051	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, %]
331	M317A	X	0	0	0	%100
332	M317A	Z	0	0	0	%100
333	M318A	X	0	0	0	%100
334	M318A	Z	0	0	0	%100
335	M319A	X	.087	.087	0	%100
336	M319A	Z	.05	.05	0	%100
337	M320A	X	.926	.926	0	%100
338	M320A	Z	.534	.534	0	%100
339	M321A	X	.454	.454	0	%100
340	M321A	Z	.262	.262	0	%100
341	M322A	X	.228	.228	0	%100
342	M322A	Z	.132	.132	0	%100
343	M327	X	2.444	2.444	0	%100
344	M327	Z	1.411	1.411	0	%100
345	MP1C	X	9.774	9.774	0	%100
346	MP1C	Z	5.643	5.643	0	%100
347	MP2C	X	9.774	9.774	0	%100
348	MP2C	Z	5.643	5.643	0	%100
349	MP3C	X	9.774	9.774	0	%100
350	MP3C	Z	5.643	5.643	0	%100
351	MP4C	X	9.774	9.774	0	%100
352	MP4C	Z	5.643	5.643	0	%100
353	M336A	X	2.019	2.019	0	%100
354	M336A	Z	1.165	1.165	0	%100
355	M342	X	9.774	9.774	0	%100
356	M342	Z	5.643	5.643	0	%100
357	MP1B	X	9.774	9.774	0	%100
358	MP1B	Z	5.643	5.643	0	%100
359	MP2B	X	9.774	9.774	0	%100
360	MP2B	Z	5.643	5.643	0	%100
361	MP3B	X	9.774	9.774	0	%100
362	MP3B	Z	5.643	5.643	0	%100
363	MP4B	X	9.774	9.774	0	%100
364	MP4B	Z	5.643	5.643	0	%100
365	M351	X	8.075	8.075	0	%100
366	M351	Z	4.662	4.662	0	%100
367	M356	X	5.91	5.91	0	%100
368	M356	Z	3.412	3.412	0	%100
369	M359	X	2.774	2.774	0	%100
370	M359	Z	1.601	1.601	0	%100
371	M360	X	11.094	11.094	0	%100
372	M360	Z	6.405	6.405	0	%100
373	M361	X	2.773	2.773	0	%100
374	M361	Z	1.601	1.601	0	%100
375	M364	X	5.344	5.344	0	%100
376	M364	Z	3.085	3.085	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	M122	X	.511	.511	0	%100
2	M122	Z	.886	.886	0	%100
3	M123	X	7.121	7.121	0	%100
4	M123	Z	12.334	12.334	0	%100
5	M124	X	1.822	1.822	0	%100
6	M124	Z	3.155	3.155	0	%100
7	M125	X	7.286	7.286	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, %]
8	M125	Z	12.62	12.62	0 %100
9	M126	X	1.241	1.241	0 %100
10	M126	Z	2.149	2.149	0 %100
11	M127	X	1.517	1.517	0 %100
12	M127	Z	2.627	2.627	0 %100
13	M128	X	1.428	1.428	0 %100
14	M128	Z	2.474	2.474	0 %100
15	M129	X	4.213	4.213	0 %100
16	M129	Z	7.298	7.298	0 %100
17	M130	X	3.908	3.908	0 %100
18	M130	Z	6.769	6.769	0 %100
19	M131	X	3.554	3.554	0 %100
20	M131	Z	6.156	6.156	0 %100
21	M132	X	4.213	4.213	0 %100
22	M132	Z	7.298	7.298	0 %100
23	M133	X	3.908	3.908	0 %100
24	M133	Z	6.769	6.769	0 %100
25	M134	X	3.554	3.554	0 %100
26	M134	Z	6.156	6.156	0 %100
27	M177	X	4.232	4.232	0 %100
28	M177	Z	7.331	7.331	0 %100
29	M287A	X	.251	.251	0 %100
30	M287A	Z	.434	.434	0 %100
31	M289A	X	.245	.245	0 %100
32	M289A	Z	.425	.425	0 %100
33	M290A	X	1.208	1.208	0 %100
34	M290A	Z	2.092	2.092	0 %100
35	M292A	X	.856	.856	0 %100
36	M292A	Z	1.483	1.483	0 %100
37	M293A	X	.644	.644	0 %100
38	M293A	Z	1.116	1.116	0 %100
39	M295A	X	.595	.595	0 %100
40	M295A	Z	1.03	1.03	0 %100
41	M296A	X	.75	.75	0 %100
42	M296A	Z	1.299	1.299	0 %100
43	M298A	X	.663	.663	0 %100
44	M298A	Z	1.148	1.148	0 %100
45	M299A	X	1.547	1.547	0 %100
46	M299A	Z	2.68	2.68	0 %100
47	M301A	X	1.107	1.107	0 %100
48	M301A	Z	1.917	1.917	0 %100
49	M302A	X	1.484	1.484	0 %100
50	M302A	Z	2.571	2.571	0 %100
51	M305A	X	1.036	1.036	0 %100
52	M305A	Z	1.795	1.795	0 %100
53	M306A	X	1.357	1.357	0 %100
54	M306A	Z	2.35	2.35	0 %100
55	M307	X	.894	.894	0 %100
56	M307	Z	1.549	1.549	0 %100
57	M308	X	1.244	1.244	0 %100
58	M308	Z	2.155	2.155	0 %100
59	M309	X	.822	.822	0 %100
60	M309	Z	1.424	1.424	0 %100
61	M310	X	1.186	1.186	0 %100
62	M310	Z	2.054	2.054	0 %100
63	M311	X	.753	.753	0 %100
64	M311	Z	1.305	1.305	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, %]
65	M312	X	1.137	1.137	0 %100
66	M312	Z	1.969	1.969	0 %100
67	M313	X	1.099	1.099	0 %100
68	M313	Z	1.904	1.904	0 %100
69	M316	X	.187	.187	0 %100
70	M316	Z	.323	.323	0 %100
71	M317	X	.186	.186	0 %100
72	M317	Z	.322	.322	0 %100
73	M318	X	.634	.634	0 %100
74	M318	Z	1.097	1.097	0 %100
75	M319	X	.627	.627	0 %100
76	M319	Z	1.086	1.086	0 %100
77	M320	X	.634	.634	0 %100
78	M320	Z	1.098	1.098	0 %100
79	M321	X	.627	.627	0 %100
80	M321	Z	1.086	1.086	0 %100
81	M322	X	1.135	1.135	0 %100
82	M322	Z	1.965	1.965	0 %100
83	M323A	X	1.547	1.547	0 %100
84	M323A	Z	2.68	2.68	0 %100
85	M324A	X	1.15	1.15	0 %100
86	M324A	Z	1.992	1.992	0 %100
87	M325A	X	1.547	1.547	0 %100
88	M325A	Z	2.68	2.68	0 %100
89	M326A	X	.249	.249	0 %100
90	M326A	Z	.431	.431	0 %100
91	M327A	X	.248	.248	0 %100
92	M327A	Z	.429	.429	0 %100
93	M332B	X	.586	.586	0 %100
94	M332B	Z	1.016	1.016	0 %100
95	M333A	X	.245	.245	0 %100
96	M333A	Z	.425	.425	0 %100
97	M334A	X	.602	.602	0 %100
98	M334A	Z	1.042	1.042	0 %100
99	M335A	X	.639	.639	0 %100
100	M335A	Z	1.108	1.108	0 %100
101	M336	X	.245	.245	0 %100
102	M336	Z	.425	.425	0 %100
103	M337	X	.596	.596	0 %100
104	M337	Z	1.032	1.032	0 %100
105	M338	X	.636	.636	0 %100
106	M338	Z	1.101	1.101	0 %100
107	M339	X	.585	.585	0 %100
108	M339	Z	1.013	1.013	0 %100
109	M344	X	.709	.709	0 %100
110	M344	Z	1.227	1.227	0 %100
111	M345	X	.606	.606	0 %100
112	M345	Z	1.05	1.05	0 %100
113	MP1A	X	5.643	5.643	0 %100
114	MP1A	Z	9.774	9.774	0 %100
115	MP2A	X	5.643	5.643	0 %100
116	MP2A	Z	9.774	9.774	0 %100
117	MP3A	X	5.643	5.643	0 %100
118	MP3A	Z	9.774	9.774	0 %100
119	MP4A	X	5.643	5.643	0 %100
120	MP4A	Z	9.774	9.774	0 %100
121	M344A	X	3.496	3.496	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, %]
122	M344A	Z	6.056	6.056	0 %100
123	M138	X	3.816	3.816	0 %100
124	M138	Z	6.609	6.609	0 %100
125	M139	X	3.816	3.816	0 %100
126	M139	Z	6.609	6.609	0 %100
127	M140	X	1.821	1.821	0 %100
128	M140	Z	3.155	3.155	0 %100
129	M141	X	1.821	1.821	0 %100
130	M141	Z	3.155	3.155	0 %100
131	M142	X	4.963	4.963	0 %100
132	M142	Z	8.597	8.597	0 %100
133	M143	X	5.888	5.888	0 %100
134	M143	Z	10.199	10.199	0 %100
135	M144	X	5.888	5.888	0 %100
136	M144	Z	10.199	10.199	0 %100
137	M145	X	0	0	0 %100
138	M145	Z	0	0	0 %100
139	M146	X	0	0	0 %100
140	M146	Z	0	0	0 %100
141	M147	X	0	0	0 %100
142	M147	Z	0	0	0 %100
143	M148	X	0	0	0 %100
144	M148	Z	0	0	0 %100
145	M149	X	0	0	0 %100
146	M149	Z	0	0	0 %100
147	M150	X	0	0	0 %100
148	M150	Z	0	0	0 %100
149	M171	X	1.002	1.002	0 %100
150	M171	Z	1.736	1.736	0 %100
151	M172	X	.981	.981	0 %100
152	M172	Z	1.7	1.7	0 %100
153	M173	X	.757	.757	0 %100
154	M173	Z	1.311	1.311	0 %100
155	M174	X	.736	.736	0 %100
156	M174	Z	1.275	1.275	0 %100
157	M175	X	2.578	2.578	0 %100
158	M175	Z	4.465	4.465	0 %100
159	M176	X	2.378	2.378	0 %100
160	M176	Z	4.119	4.119	0 %100
161	M177A	X	2.619	2.619	0 %100
162	M177A	Z	4.536	4.536	0 %100
163	M178	X	2.394	2.394	0 %100
164	M178	Z	4.146	4.146	0 %100
165	M179	X	2.509	2.509	0 %100
166	M179	Z	4.345	4.345	0 %100
167	M181	X	2.571	2.571	0 %100
168	M181	Z	4.454	4.454	0 %100
169	M182	X	2.379	2.379	0 %100
170	M182	Z	4.121	4.121	0 %100
171	M183	X	2.41	2.41	0 %100
172	M183	Z	4.175	4.175	0 %100
173	M184	X	2.242	2.242	0 %100
174	M184	Z	3.884	3.884	0 %100
175	M185	X	2.298	2.298	0 %100
176	M185	Z	3.98	3.98	0 %100
177	M186	X	2.104	2.104	0 %100
178	M186	Z	3.644	3.644	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, %]
179	M187	X	2.206	2.206	0 %100
180	M187	Z	3.821	3.821	0 %100
181	M188	X	2.032	2.032	0 %100
182	M188	Z	3.52	3.52	0 %100
183	M189	X	2.128	2.128	0 %100
184	M189	Z	3.685	3.685	0 %100
185	M190	X	1.972	1.972	0 %100
186	M190	Z	3.415	3.415	0 %100
187	M191	X	1.963	1.963	0 %100
188	M191	Z	3.4	3.4	0 %100
189	M194	X	.746	.746	0 %100
190	M194	Z	1.293	1.293	0 %100
191	M195	X	.743	.743	0 %100
192	M195	Z	1.287	1.287	0 %100
193	M196	X	2.534	2.534	0 %100
194	M196	Z	4.39	4.39	0 %100
195	M197	X	2.508	2.508	0 %100
196	M197	Z	4.344	4.344	0 %100
197	M198	X	2.535	2.535	0 %100
198	M198	Z	4.391	4.391	0 %100
199	M199	X	2.508	2.508	0 %100
200	M199	Z	4.344	4.344	0 %100
201	M200	X	2.776	2.776	0 %100
202	M200	Z	4.808	4.808	0 %100
203	M201	X	2.509	2.509	0 %100
204	M201	Z	4.345	4.345	0 %100
205	M202	X	2.757	2.757	0 %100
206	M202	Z	4.775	4.775	0 %100
207	M203	X	2.509	2.509	0 %100
208	M203	Z	4.345	4.345	0 %100
209	M204	X	.995	.995	0 %100
210	M204	Z	1.724	1.724	0 %100
211	M205	X	.991	.991	0 %100
212	M205	Z	1.716	1.716	0 %100
213	M210	X	.736	.736	0 %100
214	M210	Z	1.275	1.275	0 %100
215	M211	X	.981	.981	0 %100
216	M211	Z	1.7	1.7	0 %100
217	M212	X	2.406	2.406	0 %100
218	M212	Z	4.167	4.167	0 %100
219	M213	X	2.405	2.405	0 %100
220	M213	Z	4.165	4.165	0 %100
221	M214	X	.981	.981	0 %100
222	M214	Z	1.7	1.7	0 %100
223	M215	X	2.383	2.383	0 %100
224	M215	Z	4.127	4.127	0 %100
225	M216	X	2.393	2.393	0 %100
226	M216	Z	4.145	4.145	0 %100
227	M217	X	.736	.736	0 %100
228	M217	Z	1.275	1.275	0 %100
229	M218	X	2.049	2.049	0 %100
230	M218	Z	3.549	3.549	0 %100
231	M219	X	2.03	2.03	0 %100
232	M219	Z	3.515	3.515	0 %100
233	M241	X	7.121	7.121	0 %100
234	M241	Z	12.334	12.334	0 %100
235	M242	X	.511	.511	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, %]
236	M242	Z	.886	.886	0 %100
237	M243	X	7.286	7.286	0 %100
238	M243	Z	12.62	12.62	0 %100
239	M244	X	1.822	1.822	0 %100
240	M244	Z	3.155	3.155	0 %100
241	M245	X	1.241	1.241	0 %100
242	M245	Z	2.149	2.149	0 %100
243	M246	X	1.428	1.428	0 %100
244	M246	Z	2.474	2.474	0 %100
245	M247	X	1.517	1.517	0 %100
246	M247	Z	2.627	2.627	0 %100
247	M248	X	4.213	4.213	0 %100
248	M248	Z	7.298	7.298	0 %100
249	M249	X	3.908	3.908	0 %100
250	M249	Z	6.769	6.769	0 %100
251	M250	X	3.554	3.554	0 %100
252	M250	Z	6.156	6.156	0 %100
253	M251	X	4.213	4.213	0 %100
254	M251	Z	7.298	7.298	0 %100
255	M252	X	3.908	3.908	0 %100
256	M252	Z	6.769	6.769	0 %100
257	M253	X	3.554	3.554	0 %100
258	M253	Z	6.156	6.156	0 %100
259	M274	X	.251	.251	0 %100
260	M274	Z	.434	.434	0 %100
261	M275	X	.245	.245	0 %100
262	M275	Z	.425	.425	0 %100
263	M276	X	1.208	1.208	0 %100
264	M276	Z	2.092	2.092	0 %100
265	M277	X	.856	.856	0 %100
266	M277	Z	1.483	1.483	0 %100
267	M278	X	.644	.644	0 %100
268	M278	Z	1.116	1.116	0 %100
269	M279	X	.595	.595	0 %100
270	M279	Z	1.03	1.03	0 %100
271	M280	X	.75	.75	0 %100
272	M280	Z	1.299	1.299	0 %100
273	M281	X	.663	.663	0 %100
274	M281	Z	1.148	1.148	0 %100
275	M282	X	1.547	1.547	0 %100
276	M282	Z	2.68	2.68	0 %100
277	M284	X	1.107	1.107	0 %100
278	M284	Z	1.917	1.917	0 %100
279	M285	X	1.484	1.484	0 %100
280	M285	Z	2.571	2.571	0 %100
281	M286	X	1.036	1.036	0 %100
282	M286	Z	1.795	1.795	0 %100
283	M287	X	1.357	1.357	0 %100
284	M287	Z	2.35	2.35	0 %100
285	M288	X	.894	.894	0 %100
286	M288	Z	1.549	1.549	0 %100
287	M289	X	1.244	1.244	0 %100
288	M289	Z	2.155	2.155	0 %100
289	M290	X	.822	.822	0 %100
290	M290	Z	1.424	1.424	0 %100
291	M291	X	1.186	1.186	0 %100
292	M291	Z	2.054	2.054	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, %]
293	M292	X	.753	.753	0 %100
294	M292	Z	1.305	1.305	0 %100
295	M293	X	1.137	1.137	0 %100
296	M293	Z	1.969	1.969	0 %100
297	M294	X	1.099	1.099	0 %100
298	M294	Z	1.904	1.904	0 %100
299	M297	X	.187	.187	0 %100
300	M297	Z	.323	.323	0 %100
301	M298	X	.186	.186	0 %100
302	M298	Z	.322	.322	0 %100
303	M299	X	.634	.634	0 %100
304	M299	Z	1.097	1.097	0 %100
305	M300	X	.627	.627	0 %100
306	M300	Z	1.086	1.086	0 %100
307	M301	X	.634	.634	0 %100
308	M301	Z	1.098	1.098	0 %100
309	M302	X	.627	.627	0 %100
310	M302	Z	1.086	1.086	0 %100
311	M303	X	1.135	1.135	0 %100
312	M303	Z	1.965	1.965	0 %100
313	M304	X	1.547	1.547	0 %100
314	M304	Z	2.68	2.68	0 %100
315	M305	X	1.15	1.15	0 %100
316	M305	Z	1.992	1.992	0 %100
317	M306	X	1.547	1.547	0 %100
318	M306	Z	2.68	2.68	0 %100
319	M307A	X	.249	.249	0 %100
320	M307A	Z	.431	.431	0 %100
321	M308A	X	.248	.248	0 %100
322	M308A	Z	.429	.429	0 %100
323	M313A	X	.586	.586	0 %100
324	M313A	Z	1.016	1.016	0 %100
325	M314A	X	.245	.245	0 %100
326	M314A	Z	.425	.425	0 %100
327	M315A	X	.602	.602	0 %100
328	M315A	Z	1.042	1.042	0 %100
329	M316A	X	.639	.639	0 %100
330	M316A	Z	1.108	1.108	0 %100
331	M317A	X	.245	.245	0 %100
332	M317A	Z	.425	.425	0 %100
333	M318A	X	.596	.596	0 %100
334	M318A	Z	1.032	1.032	0 %100
335	M319A	X	.636	.636	0 %100
336	M319A	Z	1.101	1.101	0 %100
337	M320A	X	.585	.585	0 %100
338	M320A	Z	1.013	1.013	0 %100
339	M321A	X	.709	.709	0 %100
340	M321A	Z	1.227	1.227	0 %100
341	M322A	X	.606	.606	0 %100
342	M322A	Z	1.05	1.05	0 %100
343	M327	X	0	0	0 %100
344	M327	Z	0	0	0 %100
345	MP1C	X	5.643	5.643	0 %100
346	MP1C	Z	9.774	9.774	0 %100
347	MP2C	X	5.643	5.643	0 %100
348	MP2C	Z	9.774	9.774	0 %100
349	MP3C	X	5.643	5.643	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, %]
350	MP3C	Z	9.774	9.774	0 %100
351	MP4C	X	5.643	5.643	0 %100
352	MP4C	Z	9.774	9.774	0 %100
353	M336A	X	0	0	0 %100
354	M336A	Z	0	0	0 %100
355	M342	X	4.232	4.232	0 %100
356	M342	Z	7.331	7.331	0 %100
357	MP1B	X	5.643	5.643	0 %100
358	MP1B	Z	9.774	9.774	0 %100
359	MP2B	X	5.643	5.643	0 %100
360	MP2B	Z	9.774	9.774	0 %100
361	MP3B	X	5.643	5.643	0 %100
362	MP3B	Z	9.774	9.774	0 %100
363	MP4B	X	5.643	5.643	0 %100
364	MP4B	Z	9.774	9.774	0 %100
365	M351	X	3.496	3.496	0 %100
366	M351	Z	6.056	6.056	0 %100
367	M356	X	3.412	3.412	0 %100
368	M356	Z	5.91	5.91	0 %100
369	M359	X	0	0	0 %100
370	M359	Z	0	0	0 %100
371	M360	X	4.804	4.804	0 %100
372	M360	Z	8.32	8.32	0 %100
373	M361	X	4.804	4.804	0 %100
374	M361	Z	8.32	8.32	0 %100
375	M364	X	3.085	3.085	0 %100
376	M364	Z	5.344	5.344	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	M122	X	0	0	0 %100
2	M122	Z	7.633	7.633	0 %100
3	M123	X	0	0	0 %100
4	M123	Z	7.633	7.633	0 %100
5	M124	X	0	0	0 %100
6	M124	Z	10.929	10.929	0 %100
7	M125	X	0	0	0 %100
8	M125	Z	10.929	10.929	0 %100
9	M126	X	0	0	0 %100
10	M126	Z	0	0	0 %100
11	M127	X	0	0	0 %100
12	M127	Z	.000884	.000884	0 %100
13	M128	X	0	0	0 %100
14	M128	Z	.000884	.000884	0 %100
15	M129	X	0	0	0 %100
16	M129	Z	11.235	11.235	0 %100
17	M130	X	0	0	0 %100
18	M130	Z	10.421	10.421	0 %100
19	M131	X	0	0	0 %100
20	M131	Z	9.478	9.478	0 %100
21	M132	X	0	0	0 %100
22	M132	Z	11.235	11.235	0 %100
23	M133	X	0	0	0 %100
24	M133	Z	10.421	10.421	0 %100
25	M134	X	0	0	0 %100
26	M134	Z	9.478	9.478	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, %]	
27	M177	X	0	0	0	%100
28	M177	Z	11.287	11.287	0	%100
29	M287A	X	0	0	0	%100
30	M287A	Z	0	0	0	%100
31	M289A	X	0	0	0	%100
32	M289A	Z	0	0	0	%100
33	M290A	X	0	0	0	%100
34	M290A	Z	2.717	2.717	0	%100
35	M292A	X	0	0	0	%100
36	M292A	Z	1.793	1.793	0	%100
37	M293A	X	0	0	0	%100
38	M293A	Z	0	0	0	%100
39	M295A	X	0	0	0	%100
40	M295A	Z	0	0	0	%100
41	M296A	X	0	0	0	%100
42	M296A	Z	.255	.255	0	%100
43	M298A	X	0	0	0	%100
44	M298A	Z	.172	.172	0	%100
45	M299A	X	0	0	0	%100
46	M299A	Z	2.454	2.454	0	%100
47	M301A	X	0	0	0	%100
48	M301A	Z	1.236	1.236	0	%100
49	M302A	X	0	0	0	%100
50	M302A	Z	2.373	2.373	0	%100
51	M305A	X	0	0	0	%100
52	M305A	Z	1.156	1.156	0	%100
53	M306A	X	0	0	0	%100
54	M306A	Z	2.123	2.123	0	%100
55	M307	X	0	0	0	%100
56	M307	Z	.852	.852	0	%100
57	M308	X	0	0	0	%100
58	M308	Z	1.915	1.915	0	%100
59	M309	X	0	0	0	%100
60	M309	Z	.721	.721	0	%100
61	M310	X	0	0	0	%100
62	M310	Z	1.808	1.808	0	%100
63	M311	X	0	0	0	%100
64	M311	Z	.59	.59	0	%100
65	M312	X	0	0	0	%100
66	M312	Z	1.717	1.717	0	%100
67	M313	X	0	0	0	%100
68	M313	Z	1.622	1.622	0	%100
69	M316	X	0	0	0	%100
70	M316	Z	0	0	0	%100
71	M317	X	0	0	0	%100
72	M317	Z	0	0	0	%100
73	M318	X	0	0	0	%100
74	M318	Z	0	0	0	%100
75	M319	X	0	0	0	%100
76	M319	Z	0	0	0	%100
77	M320	X	0	0	0	%100
78	M320	Z	0	0	0	%100
79	M321	X	0	0	0	%100
80	M321	Z	0	0	0	%100
81	M322	X	0	0	0	%100
82	M322	Z	1.175	1.175	0	%100
83	M323A	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
84	M323A	Z	2.454	2.454	0 %100
85	M324A	X	0	0	0 %100
86	M324A	Z	1.228	1.228	0 %100
87	M325A	X	0	0	0 %100
88	M325A	Z	2.454	2.454	0 %100
89	M326A	X	0	0	0 %100
90	M326A	Z	0	0	0 %100
91	M327A	X	0	0	0 %100
92	M327A	Z	0	0	0 %100
93	M332B	X	0	0	0 %100
94	M332B	Z	1.073	1.073	0 %100
95	M333A	X	0	0	0 %100
96	M333A	Z	0	0	0 %100
97	M334A	X	0	0	0 %100
98	M334A	Z	0	0	0 %100
99	M335A	X	0	0	0 %100
100	M335A	Z	.102	.102	0 %100
101	M336	X	0	0	0 %100
102	M336	Z	0	0	0 %100
103	M337	X	0	0	0 %100
104	M337	Z	0	0	0 %100
105	M338	X	0	0	0 %100
106	M338	Z	.1	.1	0 %100
107	M339	X	0	0	0 %100
108	M339	Z	1.069	1.069	0 %100
109	M344	X	0	0	0 %100
110	M344	Z	.524	.524	0 %100
111	M345	X	0	0	0 %100
112	M345	Z	.264	.264	0 %100
113	MP1A	X	0	0	0 %100
114	MP1A	Z	11.287	11.287	0 %100
115	MP2A	X	0	0	0 %100
116	MP2A	Z	11.287	11.287	0 %100
117	MP3A	X	0	0	0 %100
118	MP3A	Z	11.287	11.287	0 %100
119	MP4A	X	0	0	0 %100
120	MP4A	Z	11.287	11.287	0 %100
121	M344A	X	0	0	0 %100
122	M344A	Z	9.324	9.324	0 %100
123	M138	X	0	0	0 %100
124	M138	Z	1.022	1.022	0 %100
125	M139	X	0	0	0 %100
126	M139	Z	14.241	14.241	0 %100
127	M140	X	0	0	0 %100
128	M140	Z	0	0	0 %100
129	M141	X	0	0	0 %100
130	M141	Z	10.929	10.929	0 %100
131	M142	X	0	0	0 %100
132	M142	Z	7.445	7.445	0 %100
133	M143	X	0	0	0 %100
134	M143	Z	8.921	8.921	0 %100
135	M144	X	0	0	0 %100
136	M144	Z	8.744	8.744	0 %100
137	M145	X	0	0	0 %100
138	M145	Z	2.809	2.809	0 %100
139	M146	X	0	0	0 %100
140	M146	Z	2.605	2.605	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, %]	
141	M147	X	0	0	0	%100
142	M147	Z	2.37	2.37	0	%100
143	M148	X	0	0	0	%100
144	M148	Z	2.809	2.809	0	%100
145	M149	X	0	0	0	%100
146	M149	Z	2.605	2.605	0	%100
147	M150	X	0	0	0	%100
148	M150	Z	2.37	2.37	0	%100
149	M171	X	0	0	0	%100
150	M171	Z	1.503	1.503	0	%100
151	M172	X	0	0	0	%100
152	M172	Z	1.472	1.472	0	%100
153	M173	X	0	0	0	%100
154	M173	Z	1.814	1.814	0	%100
155	M174	X	0	0	0	%100
156	M174	Z	1.552	1.552	0	%100
157	M175	X	0	0	0	%100
158	M175	Z	3.867	3.867	0	%100
159	M176	X	0	0	0	%100
160	M176	Z	3.567	3.567	0	%100
161	M177A	X	0	0	0	%100
162	M177A	Z	3.992	3.992	0	%100
163	M178	X	0	0	0	%100
164	M178	Z	3.634	3.634	0	%100
165	M179	X	0	0	0	%100
166	M179	Z	4.377	4.377	0	%100
167	M181	X	0	0	0	%100
168	M181	Z	4.166	4.166	0	%100
169	M182	X	0	0	0	%100
170	M182	Z	4.162	4.162	0	%100
171	M183	X	0	0	0	%100
172	M183	Z	3.905	3.905	0	%100
173	M184	X	0	0	0	%100
174	M184	Z	3.894	3.894	0	%100
175	M185	X	0	0	0	%100
176	M185	Z	3.66	3.66	0	%100
177	M186	X	0	0	0	%100
178	M186	Z	3.634	3.634	0	%100
179	M187	X	0	0	0	%100
180	M187	Z	3.49	3.49	0	%100
181	M188	X	0	0	0	%100
182	M188	Z	3.5	3.5	0	%100
183	M189	X	0	0	0	%100
184	M189	Z	3.339	3.339	0	%100
185	M190	X	0	0	0	%100
186	M190	Z	3.387	3.387	0	%100
187	M191	X	0	0	0	%100
188	M191	Z	3.35	3.35	0	%100
189	M194	X	0	0	0	%100
190	M194	Z	1.119	1.119	0	%100
191	M195	X	0	0	0	%100
192	M195	Z	1.114	1.114	0	%100
193	M196	X	0	0	0	%100
194	M196	Z	3.802	3.802	0	%100
195	M197	X	0	0	0	%100
196	M197	Z	3.762	3.762	0	%100
197	M198	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
198	M198	Z	3.803	3.803	0 %100
199	M199	X	0	0	0 %100
200	M199	Z	3.762	3.762	0 %100
201	M200	X	0	0	0 %100
202	M200	Z	4.458	4.458	0 %100
203	M201	X	0	0	0 %100
204	M201	Z	4.377	4.377	0 %100
205	M202	X	0	0	0 %100
206	M202	Z	4.443	4.443	0 %100
207	M203	X	0	0	0 %100
208	M203	Z	4.377	4.377	0 %100
209	M204	X	0	0	0 %100
210	M204	Z	1.493	1.493	0 %100
211	M205	X	0	0	0 %100
212	M205	Z	1.486	1.486	0 %100
213	M210	X	0	0	0 %100
214	M210	Z	1.372	1.372	0 %100
215	M211	X	0	0	0 %100
216	M211	Z	1.472	1.472	0 %100
217	M212	X	0	0	0 %100
218	M212	Z	3.609	3.609	0 %100
219	M213	X	0	0	0 %100
220	M213	Z	3.633	3.633	0 %100
221	M214	X	0	0	0 %100
222	M214	Z	1.472	1.472	0 %100
223	M215	X	0	0	0 %100
224	M215	Z	3.574	3.574	0 %100
225	M216	X	0	0	0 %100
226	M216	Z	3.614	3.614	0 %100
227	M217	X	0	0	0 %100
228	M217	Z	1.371	1.371	0 %100
229	M218	X	0	0	0 %100
230	M218	Z	3.204	3.204	0 %100
231	M219	X	0	0	0 %100
232	M219	Z	3.11	3.11	0 %100
233	M241	X	0	0	0 %100
234	M241	Z	14.241	14.241	0 %100
235	M242	X	0	0	0 %100
236	M242	Z	1.022	1.022	0 %100
237	M243	X	0	0	0 %100
238	M243	Z	10.929	10.929	0 %100
239	M244	X	0	0	0 %100
240	M244	Z	0	0	0 %100
241	M245	X	0	0	0 %100
242	M245	Z	7.445	7.445	0 %100
243	M246	X	0	0	0 %100
244	M246	Z	8.744	8.744	0 %100
245	M247	X	0	0	0 %100
246	M247	Z	8.921	8.921	0 %100
247	M248	X	0	0	0 %100
248	M248	Z	2.809	2.809	0 %100
249	M249	X	0	0	0 %100
250	M249	Z	2.605	2.605	0 %100
251	M250	X	0	0	0 %100
252	M250	Z	2.37	2.37	0 %100
253	M251	X	0	0	0 %100
254	M251	Z	2.809	2.809	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, %]	
255	M252	X	0	0	0	%100
256	M252	Z	2.605	2.605	0	%100
257	M253	X	0	0	0	%100
258	M253	Z	2.37	2.37	0	%100
259	M274	X	0	0	0	%100
260	M274	Z	1.503	1.503	0	%100
261	M275	X	0	0	0	%100
262	M275	Z	1.472	1.472	0	%100
263	M276	X	0	0	0	%100
264	M276	Z	1.814	1.814	0	%100
265	M277	X	0	0	0	%100
266	M277	Z	1.552	1.552	0	%100
267	M278	X	0	0	0	%100
268	M278	Z	3.867	3.867	0	%100
269	M279	X	0	0	0	%100
270	M279	Z	3.567	3.567	0	%100
271	M280	X	0	0	0	%100
272	M280	Z	3.992	3.992	0	%100
273	M281	X	0	0	0	%100
274	M281	Z	3.634	3.634	0	%100
275	M282	X	0	0	0	%100
276	M282	Z	4.377	4.377	0	%100
277	M284	X	0	0	0	%100
278	M284	Z	4.166	4.166	0	%100
279	M285	X	0	0	0	%100
280	M285	Z	4.162	4.162	0	%100
281	M286	X	0	0	0	%100
282	M286	Z	3.905	3.905	0	%100
283	M287	X	0	0	0	%100
284	M287	Z	3.894	3.894	0	%100
285	M288	X	0	0	0	%100
286	M288	Z	3.66	3.66	0	%100
287	M289	X	0	0	0	%100
288	M289	Z	3.634	3.634	0	%100
289	M290	X	0	0	0	%100
290	M290	Z	3.49	3.49	0	%100
291	M291	X	0	0	0	%100
292	M291	Z	3.5	3.5	0	%100
293	M292	X	0	0	0	%100
294	M292	Z	3.339	3.339	0	%100
295	M293	X	0	0	0	%100
296	M293	Z	3.387	3.387	0	%100
297	M294	X	0	0	0	%100
298	M294	Z	3.35	3.35	0	%100
299	M297	X	0	0	0	%100
300	M297	Z	1.119	1.119	0	%100
301	M298	X	0	0	0	%100
302	M298	Z	1.114	1.114	0	%100
303	M299	X	0	0	0	%100
304	M299	Z	3.802	3.802	0	%100
305	M300	X	0	0	0	%100
306	M300	Z	3.762	3.762	0	%100
307	M301	X	0	0	0	%100
308	M301	Z	3.803	3.803	0	%100
309	M302	X	0	0	0	%100
310	M302	Z	3.762	3.762	0	%100
311	M303	X	0	0	0	%100





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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
312	M303	Z	4.458	4.458	0 %100
313	M304	X	0	0	0 %100
314	M304	Z	4.377	4.377	0 %100
315	M305	X	0	0	0 %100
316	M305	Z	4.443	4.443	0 %100
317	M306	X	0	0	0 %100
318	M306	Z	4.377	4.377	0 %100
319	M307A	X	0	0	0 %100
320	M307A	Z	1.493	1.493	0 %100
321	M308A	X	0	0	0 %100
322	M308A	Z	1.486	1.486	0 %100
323	M313A	X	0	0	0 %100
324	M313A	Z	1.372	1.372	0 %100
325	M314A	X	0	0	0 %100
326	M314A	Z	1.472	1.472	0 %100
327	M315A	X	0	0	0 %100
328	M315A	Z	3.609	3.609	0 %100
329	M316A	X	0	0	0 %100
330	M316A	Z	3.633	3.633	0 %100
331	M317A	X	0	0	0 %100
332	M317A	Z	1.472	1.472	0 %100
333	M318A	X	0	0	0 %100
334	M318A	Z	3.574	3.574	0 %100
335	M319A	X	0	0	0 %100
336	M319A	Z	3.614	3.614	0 %100
337	M320A	X	0	0	0 %100
338	M320A	Z	1.371	1.371	0 %100
339	M321A	X	0	0	0 %100
340	M321A	Z	3.204	3.204	0 %100
341	M322A	X	0	0	0 %100
342	M322A	Z	3.11	3.11	0 %100
343	M327	X	0	0	0 %100
344	M327	Z	2.822	2.822	0 %100
345	MP1C	X	0	0	0 %100
346	MP1C	Z	11.287	11.287	0 %100
347	MP2C	X	0	0	0 %100
348	MP2C	Z	11.287	11.287	0 %100
349	MP3C	X	0	0	0 %100
350	MP3C	Z	11.287	11.287	0 %100
351	MP4C	X	0	0	0 %100
352	MP4C	Z	11.287	11.287	0 %100
353	M336A	X	0	0	0 %100
354	M336A	Z	2.331	2.331	0 %100
355	M342	X	0	0	0 %100
356	M342	Z	2.822	2.822	0 %100
357	MP1B	X	0	0	0 %100
358	MP1B	Z	11.287	11.287	0 %100
359	MP2B	X	0	0	0 %100
360	MP2B	Z	11.287	11.287	0 %100
361	MP3B	X	0	0	0 %100
362	MP3B	Z	11.287	11.287	0 %100
363	MP4B	X	0	0	0 %100
364	MP4B	Z	11.287	11.287	0 %100
365	M351	X	0	0	0 %100
366	M351	Z	2.331	2.331	0 %100
367	M356	X	0	0	0 %100
368	M356	Z	6.825	6.825	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.%,]
369	M359	X	0	0	0	%100
370	M359	Z	3.202	3.202	0	%100
371	M360	X	0	0	0	%100
372	M360	Z	3.203	3.203	0	%100
373	M361	X	0	0	0	%100
374	M361	Z	12.81	12.81	0	%100
375	M364	X	0	0	0	%100
376	M364	Z	6.17	6.17	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	M122	X	-7.121	-7.121	0	%100
2	M122	Z	12.334	12.334	0	%100
3	M123	X	-.511	-.511	0	%100
4	M123	Z	.886	.886	0	%100
5	M124	X	-7.286	-7.286	0	%100
6	M124	Z	12.62	12.62	0	%100
7	M125	X	-1.822	-1.822	0	%100
8	M125	Z	3.155	3.155	0	%100
9	M126	X	-1.241	-1.241	0	%100
10	M126	Z	2.149	2.149	0	%100
11	M127	X	-1.428	-1.428	0	%100
12	M127	Z	2.474	2.474	0	%100
13	M128	X	-1.517	-1.517	0	%100
14	M128	Z	2.627	2.627	0	%100
15	M129	X	-4.213	-4.213	0	%100
16	M129	Z	7.298	7.298	0	%100
17	M130	X	-3.908	-3.908	0	%100
18	M130	Z	6.769	6.769	0	%100
19	M131	X	-3.554	-3.554	0	%100
20	M131	Z	6.156	6.156	0	%100
21	M132	X	-4.213	-4.213	0	%100
22	M132	Z	7.298	7.298	0	%100
23	M133	X	-3.908	-3.908	0	%100
24	M133	Z	6.769	6.769	0	%100
25	M134	X	-3.554	-3.554	0	%100
26	M134	Z	6.156	6.156	0	%100
27	M177	X	-4.232	-4.232	0	%100
28	M177	Z	7.331	7.331	0	%100
29	M287A	X	-.251	-.251	0	%100
30	M287A	Z	.434	.434	0	%100
31	M289A	X	-.245	-.245	0	%100
32	M289A	Z	.425	.425	0	%100
33	M290A	X	-1.208	-1.208	0	%100
34	M290A	Z	2.092	2.092	0	%100
35	M292A	X	-.856	-.856	0	%100
36	M292A	Z	1.483	1.483	0	%100
37	M293A	X	-.644	-.644	0	%100
38	M293A	Z	1.116	1.116	0	%100
39	M295A	X	-.595	-.595	0	%100
40	M295A	Z	1.03	1.03	0	%100
41	M296A	X	-.75	-.75	0	%100
42	M296A	Z	1.299	1.299	0	%100
43	M298A	X	-.663	-.663	0	%100
44	M298A	Z	1.148	1.148	0	%100
45	M299A	X	-1.547	-1.547	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
46	M299A	Z	2.68	2.68	0 %100
47	M301A	X	-1.107	-1.107	0 %100
48	M301A	Z	1.917	1.917	0 %100
49	M302A	X	-1.484	-1.484	0 %100
50	M302A	Z	2.571	2.571	0 %100
51	M305A	X	-1.036	-1.036	0 %100
52	M305A	Z	1.795	1.795	0 %100
53	M306A	X	-1.357	-1.357	0 %100
54	M306A	Z	2.35	2.35	0 %100
55	M307	X	-.894	-.894	0 %100
56	M307	Z	1.549	1.549	0 %100
57	M308	X	-1.244	-1.244	0 %100
58	M308	Z	2.155	2.155	0 %100
59	M309	X	-.822	-.822	0 %100
60	M309	Z	1.424	1.424	0 %100
61	M310	X	-1.186	-1.186	0 %100
62	M310	Z	2.054	2.054	0 %100
63	M311	X	-.753	-.753	0 %100
64	M311	Z	1.305	1.305	0 %100
65	M312	X	-1.137	-1.137	0 %100
66	M312	Z	1.969	1.969	0 %100
67	M313	X	-1.099	-1.099	0 %100
68	M313	Z	1.904	1.904	0 %100
69	M316	X	-.187	-.187	0 %100
70	M316	Z	.323	.323	0 %100
71	M317	X	-.186	-.186	0 %100
72	M317	Z	.322	.322	0 %100
73	M318	X	-.634	-.634	0 %100
74	M318	Z	1.097	1.097	0 %100
75	M319	X	-.627	-.627	0 %100
76	M319	Z	1.086	1.086	0 %100
77	M320	X	-.634	-.634	0 %100
78	M320	Z	1.098	1.098	0 %100
79	M321	X	-.627	-.627	0 %100
80	M321	Z	1.086	1.086	0 %100
81	M322	X	-1.135	-1.135	0 %100
82	M322	Z	1.965	1.965	0 %100
83	M323A	X	-1.547	-1.547	0 %100
84	M323A	Z	2.68	2.68	0 %100
85	M324A	X	-1.15	-1.15	0 %100
86	M324A	Z	1.992	1.992	0 %100
87	M325A	X	-1.547	-1.547	0 %100
88	M325A	Z	2.68	2.68	0 %100
89	M326A	X	-.249	-.249	0 %100
90	M326A	Z	.431	.431	0 %100
91	M327A	X	-.248	-.248	0 %100
92	M327A	Z	.429	.429	0 %100
93	M332B	X	-.586	-.586	0 %100
94	M332B	Z	1.016	1.016	0 %100
95	M333A	X	-.245	-.245	0 %100
96	M333A	Z	.425	.425	0 %100
97	M334A	X	-.602	-.602	0 %100
98	M334A	Z	1.042	1.042	0 %100
99	M335A	X	-.639	-.639	0 %100
100	M335A	Z	1.108	1.108	0 %100
101	M336	X	-.245	-.245	0 %100
102	M336	Z	.425	.425	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, %]
103	M337	X	-596	-596	0 %100
104	M337	Z	1.032	1.032	0 %100
105	M338	X	-636	-636	0 %100
106	M338	Z	1.101	1.101	0 %100
107	M339	X	-585	-585	0 %100
108	M339	Z	1.013	1.013	0 %100
109	M344	X	-709	-709	0 %100
110	M344	Z	1.227	1.227	0 %100
111	M345	X	-606	-606	0 %100
112	M345	Z	1.05	1.05	0 %100
113	MP1A	X	-5.643	-5.643	0 %100
114	MP1A	Z	9.774	9.774	0 %100
115	MP2A	X	-5.643	-5.643	0 %100
116	MP2A	Z	9.774	9.774	0 %100
117	MP3A	X	-5.643	-5.643	0 %100
118	MP3A	Z	9.774	9.774	0 %100
119	MP4A	X	-5.643	-5.643	0 %100
120	MP4A	Z	9.774	9.774	0 %100
121	M344A	X	-3.496	-3.496	0 %100
122	M344A	Z	6.056	6.056	0 %100
123	M138	X	-511	-511	0 %100
124	M138	Z	886	886	0 %100
125	M139	X	-7.121	-7.121	0 %100
126	M139	Z	12.334	12.334	0 %100
127	M140	X	-1.822	-1.822	0 %100
128	M140	Z	3.155	3.155	0 %100
129	M141	X	-7.286	-7.286	0 %100
130	M141	Z	12.62	12.62	0 %100
131	M142	X	-1.241	-1.241	0 %100
132	M142	Z	2.149	2.149	0 %100
133	M143	X	-1.517	-1.517	0 %100
134	M143	Z	2.627	2.627	0 %100
135	M144	X	-1.428	-1.428	0 %100
136	M144	Z	2.474	2.474	0 %100
137	M145	X	-4.213	-4.213	0 %100
138	M145	Z	7.298	7.298	0 %100
139	M146	X	-3.908	-3.908	0 %100
140	M146	Z	6.769	6.769	0 %100
141	M147	X	-3.554	-3.554	0 %100
142	M147	Z	6.156	6.156	0 %100
143	M148	X	-4.213	-4.213	0 %100
144	M148	Z	7.298	7.298	0 %100
145	M149	X	-3.908	-3.908	0 %100
146	M149	Z	6.769	6.769	0 %100
147	M150	X	-3.554	-3.554	0 %100
148	M150	Z	6.156	6.156	0 %100
149	M171	X	-251	-251	0 %100
150	M171	Z	434	434	0 %100
151	M172	X	-245	-245	0 %100
152	M172	Z	425	425	0 %100
153	M173	X	-1.208	-1.208	0 %100
154	M173	Z	2.092	2.092	0 %100
155	M174	X	-856	-856	0 %100
156	M174	Z	1.483	1.483	0 %100
157	M175	X	-644	-644	0 %100
158	M175	Z	1.116	1.116	0 %100
159	M176	X	-595	-595	0 %100



Company : Maser Consulting  
 Designer : AE  
 Job Number : 21777005A  
 Model Name : Antenna Mount Analysis

Mar 25, 2021  
 8:59 AM  
 Checked By: DX

**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, %]
160	M176	Z	1.03	1.03	0 %100
161	M177A	X	-0.75	-0.75	0 %100
162	M177A	Z	1.299	1.299	0 %100
163	M178	X	-0.663	-0.663	0 %100
164	M178	Z	1.148	1.148	0 %100
165	M179	X	-1.547	-1.547	0 %100
166	M179	Z	2.68	2.68	0 %100
167	M181	X	-1.107	-1.107	0 %100
168	M181	Z	1.917	1.917	0 %100
169	M182	X	-1.484	-1.484	0 %100
170	M182	Z	2.571	2.571	0 %100
171	M183	X	-1.036	-1.036	0 %100
172	M183	Z	1.795	1.795	0 %100
173	M184	X	-1.357	-1.357	0 %100
174	M184	Z	2.35	2.35	0 %100
175	M185	X	-0.894	-0.894	0 %100
176	M185	Z	1.549	1.549	0 %100
177	M186	X	-1.244	-1.244	0 %100
178	M186	Z	2.155	2.155	0 %100
179	M187	X	-0.822	-0.822	0 %100
180	M187	Z	1.424	1.424	0 %100
181	M188	X	-1.186	-1.186	0 %100
182	M188	Z	2.054	2.054	0 %100
183	M189	X	-0.753	-0.753	0 %100
184	M189	Z	1.305	1.305	0 %100
185	M190	X	-1.137	-1.137	0 %100
186	M190	Z	1.969	1.969	0 %100
187	M191	X	-1.099	-1.099	0 %100
188	M191	Z	1.904	1.904	0 %100
189	M194	X	-0.187	-0.187	0 %100
190	M194	Z	0.323	0.323	0 %100
191	M195	X	-0.186	-0.186	0 %100
192	M195	Z	0.322	0.322	0 %100
193	M196	X	-0.634	-0.634	0 %100
194	M196	Z	1.097	1.097	0 %100
195	M197	X	-0.627	-0.627	0 %100
196	M197	Z	1.086	1.086	0 %100
197	M198	X	-0.634	-0.634	0 %100
198	M198	Z	1.098	1.098	0 %100
199	M199	X	-0.627	-0.627	0 %100
200	M199	Z	1.086	1.086	0 %100
201	M200	X	-1.135	-1.135	0 %100
202	M200	Z	1.965	1.965	0 %100
203	M201	X	-1.547	-1.547	0 %100
204	M201	Z	2.68	2.68	0 %100
205	M202	X	-1.15	-1.15	0 %100
206	M202	Z	1.992	1.992	0 %100
207	M203	X	-1.547	-1.547	0 %100
208	M203	Z	2.68	2.68	0 %100
209	M204	X	-0.249	-0.249	0 %100
210	M204	Z	0.431	0.431	0 %100
211	M205	X	-0.248	-0.248	0 %100
212	M205	Z	0.429	0.429	0 %100
213	M210	X	-0.586	-0.586	0 %100
214	M210	Z	1.016	1.016	0 %100
215	M211	X	-0.245	-0.245	0 %100
216	M211	Z	0.425	0.425	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, %]
217	M212	X	-602	-602	0 %100
218	M212	Z	1.042	1.042	0 %100
219	M213	X	-639	-639	0 %100
220	M213	Z	1.108	1.108	0 %100
221	M214	X	-245	-245	0 %100
222	M214	Z	.425	.425	0 %100
223	M215	X	-596	-596	0 %100
224	M215	Z	1.032	1.032	0 %100
225	M216	X	-636	-636	0 %100
226	M216	Z	1.101	1.101	0 %100
227	M217	X	-585	-585	0 %100
228	M217	Z	1.013	1.013	0 %100
229	M218	X	-709	-709	0 %100
230	M218	Z	1.227	1.227	0 %100
231	M219	X	-606	-606	0 %100
232	M219	Z	1.05	1.05	0 %100
233	M241	X	-3.816	-3.816	0 %100
234	M241	Z	6.609	6.609	0 %100
235	M242	X	-3.816	-3.816	0 %100
236	M242	Z	6.609	6.609	0 %100
237	M243	X	-1.821	-1.821	0 %100
238	M243	Z	3.155	3.155	0 %100
239	M244	X	-1.821	-1.821	0 %100
240	M244	Z	3.155	3.155	0 %100
241	M245	X	-4.963	-4.963	0 %100
242	M245	Z	8.597	8.597	0 %100
243	M246	X	-5.888	-5.888	0 %100
244	M246	Z	10.199	10.199	0 %100
245	M247	X	-5.888	-5.888	0 %100
246	M247	Z	10.199	10.199	0 %100
247	M248	X	0	0	0 %100
248	M248	Z	0	0	0 %100
249	M249	X	0	0	0 %100
250	M249	Z	0	0	0 %100
251	M250	X	0	0	0 %100
252	M250	Z	0	0	0 %100
253	M251	X	0	0	0 %100
254	M251	Z	0	0	0 %100
255	M252	X	0	0	0 %100
256	M252	Z	0	0	0 %100
257	M253	X	0	0	0 %100
258	M253	Z	0	0	0 %100
259	M274	X	-1.002	-1.002	0 %100
260	M274	Z	1.736	1.736	0 %100
261	M275	X	-.981	-.981	0 %100
262	M275	Z	1.7	1.7	0 %100
263	M276	X	-.757	-.757	0 %100
264	M276	Z	1.311	1.311	0 %100
265	M277	X	-.736	-.736	0 %100
266	M277	Z	1.275	1.275	0 %100
267	M278	X	-2.578	-2.578	0 %100
268	M278	Z	4.465	4.465	0 %100
269	M279	X	-2.378	-2.378	0 %100
270	M279	Z	4.119	4.119	0 %100
271	M280	X	-2.619	-2.619	0 %100
272	M280	Z	4.536	4.536	0 %100
273	M281	X	-2.394	-2.394	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.%]
274	M281	Z	4.146	4.146	0 %100
275	M282	X	-2.509	-2.509	0 %100
276	M282	Z	4.345	4.345	0 %100
277	M284	X	-2.571	-2.571	0 %100
278	M284	Z	4.454	4.454	0 %100
279	M285	X	-2.379	-2.379	0 %100
280	M285	Z	4.121	4.121	0 %100
281	M286	X	-2.41	-2.41	0 %100
282	M286	Z	4.175	4.175	0 %100
283	M287	X	-2.242	-2.242	0 %100
284	M287	Z	3.884	3.884	0 %100
285	M288	X	-2.298	-2.298	0 %100
286	M288	Z	3.98	3.98	0 %100
287	M289	X	-2.104	-2.104	0 %100
288	M289	Z	3.644	3.644	0 %100
289	M290	X	-2.206	-2.206	0 %100
290	M290	Z	3.821	3.821	0 %100
291	M291	X	-2.032	-2.032	0 %100
292	M291	Z	3.52	3.52	0 %100
293	M292	X	-2.128	-2.128	0 %100
294	M292	Z	3.685	3.685	0 %100
295	M293	X	-1.972	-1.972	0 %100
296	M293	Z	3.415	3.415	0 %100
297	M294	X	-1.963	-1.963	0 %100
298	M294	Z	3.4	3.4	0 %100
299	M297	X	-0.746	-0.746	0 %100
300	M297	Z	1.293	1.293	0 %100
301	M298	X	-0.743	-0.743	0 %100
302	M298	Z	1.287	1.287	0 %100
303	M299	X	-2.534	-2.534	0 %100
304	M299	Z	4.39	4.39	0 %100
305	M300	X	-2.508	-2.508	0 %100
306	M300	Z	4.344	4.344	0 %100
307	M301	X	-2.535	-2.535	0 %100
308	M301	Z	4.391	4.391	0 %100
309	M302	X	-2.508	-2.508	0 %100
310	M302	Z	4.344	4.344	0 %100
311	M303	X	-2.776	-2.776	0 %100
312	M303	Z	4.808	4.808	0 %100
313	M304	X	-2.509	-2.509	0 %100
314	M304	Z	4.345	4.345	0 %100
315	M305	X	-2.757	-2.757	0 %100
316	M305	Z	4.775	4.775	0 %100
317	M306	X	-2.509	-2.509	0 %100
318	M306	Z	4.345	4.345	0 %100
319	M307A	X	-0.995	-0.995	0 %100
320	M307A	Z	1.724	1.724	0 %100
321	M308A	X	-0.991	-0.991	0 %100
322	M308A	Z	1.716	1.716	0 %100
323	M313A	X	-0.736	-0.736	0 %100
324	M313A	Z	1.275	1.275	0 %100
325	M314A	X	-0.981	-0.981	0 %100
326	M314A	Z	1.7	1.7	0 %100
327	M315A	X	-2.406	-2.406	0 %100
328	M315A	Z	4.167	4.167	0 %100
329	M316A	X	-2.405	-2.405	0 %100
330	M316A	Z	4.165	4.165	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.%,]
331	M317A	X	-981	-981	0	%100
332	M317A	Z	1.7	1.7	0	%100
333	M318A	X	-2.383	-2.383	0	%100
334	M318A	Z	4.127	4.127	0	%100
335	M319A	X	-2.393	-2.393	0	%100
336	M319A	Z	4.145	4.145	0	%100
337	M320A	X	-.736	-.736	0	%100
338	M320A	Z	1.275	1.275	0	%100
339	M321A	X	-2.049	-2.049	0	%100
340	M321A	Z	3.549	3.549	0	%100
341	M322A	X	-2.03	-2.03	0	%100
342	M322A	Z	3.515	3.515	0	%100
343	M327	X	-4.232	-4.232	0	%100
344	M327	Z	7.331	7.331	0	%100
345	MP1C	X	-5.643	-5.643	0	%100
346	MP1C	Z	9.774	9.774	0	%100
347	MP2C	X	-5.643	-5.643	0	%100
348	MP2C	Z	9.774	9.774	0	%100
349	MP3C	X	-5.643	-5.643	0	%100
350	MP3C	Z	9.774	9.774	0	%100
351	MP4C	X	-5.643	-5.643	0	%100
352	MP4C	Z	9.774	9.774	0	%100
353	M336A	X	-3.496	-3.496	0	%100
354	M336A	Z	6.056	6.056	0	%100
355	M342	X	0	0	0	%100
356	M342	Z	0	0	0	%100
357	MP1B	X	-5.643	-5.643	0	%100
358	MP1B	Z	9.774	9.774	0	%100
359	MP2B	X	-5.643	-5.643	0	%100
360	MP2B	Z	9.774	9.774	0	%100
361	MP3B	X	-5.643	-5.643	0	%100
362	MP3B	Z	9.774	9.774	0	%100
363	MP4B	X	-5.643	-5.643	0	%100
364	MP4B	Z	9.774	9.774	0	%100
365	M351	X	0	0	0	%100
366	M351	Z	0	0	0	%100
367	M356	X	-3.412	-3.412	0	%100
368	M356	Z	5.91	5.91	0	%100
369	M359	X	-4.804	-4.804	0	%100
370	M359	Z	8.32	8.32	0	%100
371	M360	X	0	0	0	%100
372	M360	Z	0	0	0	%100
373	M361	X	-4.804	-4.804	0	%100
374	M361	Z	8.32	8.32	0	%100
375	M364	X	-3.085	-3.085	0	%100
376	M364	Z	5.344	5.344	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	M122	X	-12.333	-12.333	0	%100
2	M122	Z	7.12	7.12	0	%100
3	M123	X	-.885	-.885	0	%100
4	M123	Z	.511	.511	0	%100
5	M124	X	-9.465	-9.465	0	%100
6	M124	Z	5.465	5.465	0	%100
7	M125	X	0	0	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, %]
8	M125	Z	0	0	0	%100
9	M126	X	-6.448	-6.448	0	%100
10	M126	Z	3.723	3.723	0	%100
11	M127	X	-7.573	-7.573	0	%100
12	M127	Z	4.372	4.372	0	%100
13	M128	X	-7.726	-7.726	0	%100
14	M128	Z	4.46	4.46	0	%100
15	M129	X	-2.433	-2.433	0	%100
16	M129	Z	1.404	1.404	0	%100
17	M130	X	-2.256	-2.256	0	%100
18	M130	Z	1.303	1.303	0	%100
19	M131	X	-2.052	-2.052	0	%100
20	M131	Z	1.185	1.185	0	%100
21	M132	X	-2.433	-2.433	0	%100
22	M132	Z	1.404	1.404	0	%100
23	M133	X	-2.256	-2.256	0	%100
24	M133	Z	1.303	1.303	0	%100
25	M134	X	-2.052	-2.052	0	%100
26	M134	Z	1.185	1.185	0	%100
27	M177	X	-2.444	-2.444	0	%100
28	M177	Z	1.411	1.411	0	%100
29	M287A	X	-1.302	-1.302	0	%100
30	M287A	Z	.752	.752	0	%100
31	M289A	X	-1.275	-1.275	0	%100
32	M289A	Z	.736	.736	0	%100
33	M290A	X	-1.571	-1.571	0	%100
34	M290A	Z	.907	.907	0	%100
35	M292A	X	-1.344	-1.344	0	%100
36	M292A	Z	.776	.776	0	%100
37	M293A	X	-3.349	-3.349	0	%100
38	M293A	Z	1.933	1.933	0	%100
39	M295A	X	-3.09	-3.09	0	%100
40	M295A	Z	1.784	1.784	0	%100
41	M296A	X	-3.457	-3.457	0	%100
42	M296A	Z	1.996	1.996	0	%100
43	M298A	X	-3.147	-3.147	0	%100
44	M298A	Z	1.817	1.817	0	%100
45	M299A	X	-3.79	-3.79	0	%100
46	M299A	Z	2.188	2.188	0	%100
47	M301A	X	-3.608	-3.608	0	%100
48	M301A	Z	2.083	2.083	0	%100
49	M302A	X	-3.604	-3.604	0	%100
50	M302A	Z	2.081	2.081	0	%100
51	M305A	X	-3.381	-3.381	0	%100
52	M305A	Z	1.952	1.952	0	%100
53	M306A	X	-3.373	-3.373	0	%100
54	M306A	Z	1.947	1.947	0	%100
55	M307	X	-3.17	-3.17	0	%100
56	M307	Z	1.83	1.83	0	%100
57	M308	X	-3.147	-3.147	0	%100
58	M308	Z	1.817	1.817	0	%100
59	M309	X	-3.022	-3.022	0	%100
60	M309	Z	1.745	1.745	0	%100
61	M310	X	-3.031	-3.031	0	%100
62	M310	Z	1.75	1.75	0	%100
63	M311	X	-2.892	-2.892	0	%100
64	M311	Z	1.67	1.67	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, %]
65	M312	X	-2.933	-2.933	0 %100
66	M312	Z	1.693	1.693	0 %100
67	M313	X	-2.901	-2.901	0 %100
68	M313	Z	1.675	1.675	0 %100
69	M316	X	-.969	-.969	0 %100
70	M316	Z	.56	.56	0 %100
71	M317	X	-.965	-.965	0 %100
72	M317	Z	.557	.557	0 %100
73	M318	X	-3.292	-3.292	0 %100
74	M318	Z	1.901	1.901	0 %100
75	M319	X	-3.258	-3.258	0 %100
76	M319	Z	1.881	1.881	0 %100
77	M320	X	-3.294	-3.294	0 %100
78	M320	Z	1.902	1.902	0 %100
79	M321	X	-3.258	-3.258	0 %100
80	M321	Z	1.881	1.881	0 %100
81	M322	X	-3.86	-3.86	0 %100
82	M322	Z	2.229	2.229	0 %100
83	M323A	X	-3.79	-3.79	0 %100
84	M323A	Z	2.188	2.188	0 %100
85	M324A	X	-3.847	-3.847	0 %100
86	M324A	Z	2.221	2.221	0 %100
87	M325A	X	-3.79	-3.79	0 %100
88	M325A	Z	2.188	2.188	0 %100
89	M326A	X	-1.293	-1.293	0 %100
90	M326A	Z	.746	.746	0 %100
91	M327A	X	-1.287	-1.287	0 %100
92	M327A	Z	.743	.743	0 %100
93	M332B	X	-1.189	-1.189	0 %100
94	M332B	Z	.686	.686	0 %100
95	M333A	X	-1.275	-1.275	0 %100
96	M333A	Z	.736	.736	0 %100
97	M334A	X	-3.126	-3.126	0 %100
98	M334A	Z	1.805	1.805	0 %100
99	M335A	X	-3.146	-3.146	0 %100
100	M335A	Z	1.816	1.816	0 %100
101	M336	X	-1.275	-1.275	0 %100
102	M336	Z	.736	.736	0 %100
103	M337	X	-3.095	-3.095	0 %100
104	M337	Z	1.787	1.787	0 %100
105	M338	X	-3.13	-3.13	0 %100
106	M338	Z	1.807	1.807	0 %100
107	M339	X	-1.188	-1.188	0 %100
108	M339	Z	.686	.686	0 %100
109	M344	X	-2.775	-2.775	0 %100
110	M344	Z	1.602	1.602	0 %100
111	M345	X	-2.694	-2.694	0 %100
112	M345	Z	1.555	1.555	0 %100
113	MP1A	X	-9.774	-9.774	0 %100
114	MP1A	Z	5.643	5.643	0 %100
115	MP2A	X	-9.774	-9.774	0 %100
116	MP2A	Z	5.643	5.643	0 %100
117	MP3A	X	-9.774	-9.774	0 %100
118	MP3A	Z	5.643	5.643	0 %100
119	MP4A	X	-9.774	-9.774	0 %100
120	MP4A	Z	5.643	5.643	0 %100
121	M344A	X	-2.019	-2.019	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, %]
122	M344A	Z	1.165	1.165	0 %100
123	M138	X	-6.61	-6.61	0 %100
124	M138	Z	3.816	3.816	0 %100
125	M139	X	-6.61	-6.61	0 %100
126	M139	Z	3.816	3.816	0 %100
127	M140	X	-9.465	-9.465	0 %100
128	M140	Z	5.465	5.465	0 %100
129	M141	X	-9.465	-9.465	0 %100
130	M141	Z	5.465	5.465	0 %100
131	M142	X	0	0	0 %100
132	M142	Z	0	0	0 %100
133	M143	X	-0.00766	-0.00766	0 %100
134	M143	Z	.000442	.000442	0 %100
135	M144	X	-0.00766	-0.00766	0 %100
136	M144	Z	.000442	.000442	0 %100
137	M145	X	-9.73	-9.73	0 %100
138	M145	Z	5.618	5.618	0 %100
139	M146	X	-9.025	-9.025	0 %100
140	M146	Z	5.211	5.211	0 %100
141	M147	X	-8.208	-8.208	0 %100
142	M147	Z	4.739	4.739	0 %100
143	M148	X	-9.73	-9.73	0 %100
144	M148	Z	5.618	5.618	0 %100
145	M149	X	-9.025	-9.025	0 %100
146	M149	Z	5.211	5.211	0 %100
147	M150	X	-8.208	-8.208	0 %100
148	M150	Z	4.739	4.739	0 %100
149	M171	X	0	0	0 %100
150	M171	Z	0	0	0 %100
151	M172	X	0	0	0 %100
152	M172	Z	0	0	0 %100
153	M173	X	-2.353	-2.353	0 %100
154	M173	Z	1.358	1.358	0 %100
155	M174	X	-1.553	-1.553	0 %100
156	M174	Z	.897	.897	0 %100
157	M175	X	0	0	0 %100
158	M175	Z	0	0	0 %100
159	M176	X	0	0	0 %100
160	M176	Z	0	0	0 %100
161	M177A	X	-.22	-.22	0 %100
162	M177A	Z	.127	.127	0 %100
163	M178	X	-.149	-.149	0 %100
164	M178	Z	.086	.086	0 %100
165	M179	X	-2.125	-2.125	0 %100
166	M179	Z	1.227	1.227	0 %100
167	M181	X	-1.071	-1.071	0 %100
168	M181	Z	.618	.618	0 %100
169	M182	X	-2.055	-2.055	0 %100
170	M182	Z	1.186	1.186	0 %100
171	M183	X	-1.001	-1.001	0 %100
172	M183	Z	.578	.578	0 %100
173	M184	X	-1.839	-1.839	0 %100
174	M184	Z	1.062	1.062	0 %100
175	M185	X	-.738	-.738	0 %100
176	M185	Z	.426	.426	0 %100
177	M186	X	-1.659	-1.659	0 %100
178	M186	Z	.958	.958	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.%,]
179	M187	X	-.625	-.625	0 %100
180	M187	Z	.361	.361	0 %100
181	M188	X	-1.566	-1.566	0 %100
182	M188	Z	.904	.904	0 %100
183	M189	X	-.511	-.511	0 %100
184	M189	Z	.295	.295	0 %100
185	M190	X	-1.487	-1.487	0 %100
186	M190	Z	.859	.859	0 %100
187	M191	X	-1.405	-1.405	0 %100
188	M191	Z	.811	.811	0 %100
189	M194	X	0	0	0 %100
190	M194	Z	0	0	0 %100
191	M195	X	0	0	0 %100
192	M195	Z	0	0	0 %100
193	M196	X	0	0	0 %100
194	M196	Z	0	0	0 %100
195	M197	X	0	0	0 %100
196	M197	Z	0	0	0 %100
197	M198	X	0	0	0 %100
198	M198	Z	0	0	0 %100
199	M199	X	0	0	0 %100
200	M199	Z	0	0	0 %100
201	M200	X	-1.018	-1.018	0 %100
202	M200	Z	.588	.588	0 %100
203	M201	X	-2.125	-2.125	0 %100
204	M201	Z	1.227	1.227	0 %100
205	M202	X	-1.064	-1.064	0 %100
206	M202	Z	.614	.614	0 %100
207	M203	X	-2.125	-2.125	0 %100
208	M203	Z	1.227	1.227	0 %100
209	M204	X	0	0	0 %100
210	M204	Z	0	0	0 %100
211	M205	X	0	0	0 %100
212	M205	Z	0	0	0 %100
213	M210	X	-.929	-.929	0 %100
214	M210	Z	.537	.537	0 %100
215	M211	X	0	0	0 %100
216	M211	Z	0	0	0 %100
217	M212	X	0	0	0 %100
218	M212	Z	0	0	0 %100
219	M213	X	-.088	-.088	0 %100
220	M213	Z	.051	.051	0 %100
221	M214	X	0	0	0 %100
222	M214	Z	0	0	0 %100
223	M215	X	0	0	0 %100
224	M215	Z	0	0	0 %100
225	M216	X	-.087	-.087	0 %100
226	M216	Z	.05	.05	0 %100
227	M217	X	-.926	-.926	0 %100
228	M217	Z	.534	.534	0 %100
229	M218	X	-.454	-.454	0 %100
230	M218	Z	.262	.262	0 %100
231	M219	X	-.228	-.228	0 %100
232	M219	Z	.132	.132	0 %100
233	M241	X	-.885	-.885	0 %100
234	M241	Z	.511	.511	0 %100
235	M242	X	-12.333	-12.333	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, %]
236	M242	Z	7.12	7.12	0 %100
237	M243	X	0	0	0 %100
238	M243	Z	0	0	0 %100
239	M244	X	-9.465	-9.465	0 %100
240	M244	Z	5.465	5.465	0 %100
241	M245	X	-6.448	-6.448	0 %100
242	M245	Z	3.723	3.723	0 %100
243	M246	X	-7.726	-7.726	0 %100
244	M246	Z	4.46	4.46	0 %100
245	M247	X	-7.573	-7.573	0 %100
246	M247	Z	4.372	4.372	0 %100
247	M248	X	-2.433	-2.433	0 %100
248	M248	Z	1.404	1.404	0 %100
249	M249	X	-2.256	-2.256	0 %100
250	M249	Z	1.303	1.303	0 %100
251	M250	X	-2.052	-2.052	0 %100
252	M250	Z	1.185	1.185	0 %100
253	M251	X	-2.433	-2.433	0 %100
254	M251	Z	1.404	1.404	0 %100
255	M252	X	-2.256	-2.256	0 %100
256	M252	Z	1.303	1.303	0 %100
257	M253	X	-2.052	-2.052	0 %100
258	M253	Z	1.185	1.185	0 %100
259	M274	X	-1.302	-1.302	0 %100
260	M274	Z	.752	.752	0 %100
261	M275	X	-1.275	-1.275	0 %100
262	M275	Z	.736	.736	0 %100
263	M276	X	-1.571	-1.571	0 %100
264	M276	Z	.907	.907	0 %100
265	M277	X	-1.344	-1.344	0 %100
266	M277	Z	.776	.776	0 %100
267	M278	X	-3.349	-3.349	0 %100
268	M278	Z	1.933	1.933	0 %100
269	M279	X	-3.09	-3.09	0 %100
270	M279	Z	1.784	1.784	0 %100
271	M280	X	-3.457	-3.457	0 %100
272	M280	Z	1.996	1.996	0 %100
273	M281	X	-3.147	-3.147	0 %100
274	M281	Z	1.817	1.817	0 %100
275	M282	X	-3.79	-3.79	0 %100
276	M282	Z	2.188	2.188	0 %100
277	M284	X	-3.608	-3.608	0 %100
278	M284	Z	2.083	2.083	0 %100
279	M285	X	-3.604	-3.604	0 %100
280	M285	Z	2.081	2.081	0 %100
281	M286	X	-3.381	-3.381	0 %100
282	M286	Z	1.952	1.952	0 %100
283	M287	X	-3.373	-3.373	0 %100
284	M287	Z	1.947	1.947	0 %100
285	M288	X	-3.17	-3.17	0 %100
286	M288	Z	1.83	1.83	0 %100
287	M289	X	-3.147	-3.147	0 %100
288	M289	Z	1.817	1.817	0 %100
289	M290	X	-3.022	-3.022	0 %100
290	M290	Z	1.745	1.745	0 %100
291	M291	X	-3.031	-3.031	0 %100
292	M291	Z	1.75	1.75	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, %]
293	M292	X	-2.892	-2.892	0 %100
294	M292	Z	1.67	1.67	0 %100
295	M293	X	-2.933	-2.933	0 %100
296	M293	Z	1.693	1.693	0 %100
297	M294	X	-2.901	-2.901	0 %100
298	M294	Z	1.675	1.675	0 %100
299	M297	X	-.969	-.969	0 %100
300	M297	Z	.56	.56	0 %100
301	M298	X	-.965	-.965	0 %100
302	M298	Z	.557	.557	0 %100
303	M299	X	-3.292	-3.292	0 %100
304	M299	Z	1.901	1.901	0 %100
305	M300	X	-3.258	-3.258	0 %100
306	M300	Z	1.881	1.881	0 %100
307	M301	X	-3.294	-3.294	0 %100
308	M301	Z	1.902	1.902	0 %100
309	M302	X	-3.258	-3.258	0 %100
310	M302	Z	1.881	1.881	0 %100
311	M303	X	-3.86	-3.86	0 %100
312	M303	Z	2.229	2.229	0 %100
313	M304	X	-3.79	-3.79	0 %100
314	M304	Z	2.188	2.188	0 %100
315	M305	X	-3.847	-3.847	0 %100
316	M305	Z	2.221	2.221	0 %100
317	M306	X	-3.79	-3.79	0 %100
318	M306	Z	2.188	2.188	0 %100
319	M307A	X	-1.293	-1.293	0 %100
320	M307A	Z	.746	.746	0 %100
321	M308A	X	-1.287	-1.287	0 %100
322	M308A	Z	.743	.743	0 %100
323	M313A	X	-1.189	-1.189	0 %100
324	M313A	Z	.686	.686	0 %100
325	M314A	X	-1.275	-1.275	0 %100
326	M314A	Z	.736	.736	0 %100
327	M315A	X	-3.126	-3.126	0 %100
328	M315A	Z	1.805	1.805	0 %100
329	M316A	X	-3.146	-3.146	0 %100
330	M316A	Z	1.816	1.816	0 %100
331	M317A	X	-1.275	-1.275	0 %100
332	M317A	Z	.736	.736	0 %100
333	M318A	X	-3.095	-3.095	0 %100
334	M318A	Z	1.787	1.787	0 %100
335	M319A	X	-3.13	-3.13	0 %100
336	M319A	Z	1.807	1.807	0 %100
337	M320A	X	-1.188	-1.188	0 %100
338	M320A	Z	.686	.686	0 %100
339	M321A	X	-2.775	-2.775	0 %100
340	M321A	Z	1.602	1.602	0 %100
341	M322A	X	-2.694	-2.694	0 %100
342	M322A	Z	1.555	1.555	0 %100
343	M327	X	-9.774	-9.774	0 %100
344	M327	Z	5.643	5.643	0 %100
345	MP1C	X	-9.774	-9.774	0 %100
346	MP1C	Z	5.643	5.643	0 %100
347	MP2C	X	-9.774	-9.774	0 %100
348	MP2C	Z	5.643	5.643	0 %100
349	MP3C	X	-9.774	-9.774	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, %]
350	MP3C	Z	5.643	5.643	0 %100
351	MP4C	X	-9.774	-9.774	0 %100
352	MP4C	Z	5.643	5.643	0 %100
353	M336A	X	-8.075	-8.075	0 %100
354	M336A	Z	4.662	4.662	0 %100
355	M342	X	-2.444	-2.444	0 %100
356	M342	Z	1.411	1.411	0 %100
357	MP1B	X	-9.774	-9.774	0 %100
358	MP1B	Z	5.643	5.643	0 %100
359	MP2B	X	-9.774	-9.774	0 %100
360	MP2B	Z	5.643	5.643	0 %100
361	MP3B	X	-9.774	-9.774	0 %100
362	MP3B	Z	5.643	5.643	0 %100
363	MP4B	X	-9.774	-9.774	0 %100
364	MP4B	Z	5.643	5.643	0 %100
365	M351	X	-2.019	-2.019	0 %100
366	M351	Z	1.165	1.165	0 %100
367	M356	X	-5.91	-5.91	0 %100
368	M356	Z	3.412	3.412	0 %100
369	M359	X	-11.094	-11.094	0 %100
370	M359	Z	6.405	6.405	0 %100
371	M360	X	-2.773	-2.773	0 %100
372	M360	Z	1.601	1.601	0 %100
373	M361	X	-2.774	-2.774	0 %100
374	M361	Z	1.601	1.601	0 %100
375	M364	X	-5.344	-5.344	0 %100
376	M364	Z	3.085	3.085	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	M122	X	-7.631	-7.631	0 %100
2	M122	Z	0	0	0 %100
3	M123	X	-7.631	-7.631	0 %100
4	M123	Z	0	0	0 %100
5	M124	X	-3.643	-3.643	0 %100
6	M124	Z	0	0	0 %100
7	M125	X	-3.643	-3.643	0 %100
8	M125	Z	0	0	0 %100
9	M126	X	-9.927	-9.927	0 %100
10	M126	Z	0	0	0 %100
11	M127	X	-11.776	-11.776	0 %100
12	M127	Z	0	0	0 %100
13	M128	X	-11.776	-11.776	0 %100
14	M128	Z	0	0	0 %100
15	M129	X	0	0	0 %100
16	M129	Z	0	0	0 %100
17	M130	X	0	0	0 %100
18	M130	Z	0	0	0 %100
19	M131	X	0	0	0 %100
20	M131	Z	0	0	0 %100
21	M132	X	0	0	0 %100
22	M132	Z	0	0	0 %100
23	M133	X	0	0	0 %100
24	M133	Z	0	0	0 %100
25	M134	X	0	0	0 %100
26	M134	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, %]	
27	M177	X	0	0	0	%100
28	M177	Z	0	0	0	%100
29	M287A	X	-2.004	-2.004	0	%100
30	M287A	Z	0	0	0	%100
31	M289A	X	-1.963	-1.963	0	%100
32	M289A	Z	0	0	0	%100
33	M290A	X	-1.513	-1.513	0	%100
34	M290A	Z	0	0	0	%100
35	M292A	X	-1.472	-1.472	0	%100
36	M292A	Z	0	0	0	%100
37	M293A	X	-5.156	-5.156	0	%100
38	M293A	Z	0	0	0	%100
39	M295A	X	-4.757	-4.757	0	%100
40	M295A	Z	0	0	0	%100
41	M296A	X	-5.237	-5.237	0	%100
42	M296A	Z	0	0	0	%100
43	M298A	X	-4.788	-4.788	0	%100
44	M298A	Z	0	0	0	%100
45	M299A	X	-5.018	-5.018	0	%100
46	M299A	Z	0	0	0	%100
47	M301A	X	-5.143	-5.143	0	%100
48	M301A	Z	0	0	0	%100
49	M302A	X	-4.758	-4.758	0	%100
50	M302A	Z	0	0	0	%100
51	M305A	X	-4.821	-4.821	0	%100
52	M305A	Z	0	0	0	%100
53	M306A	X	-4.485	-4.485	0	%100
54	M306A	Z	0	0	0	%100
55	M307	X	-4.596	-4.596	0	%100
56	M307	Z	0	0	0	%100
57	M308	X	-4.207	-4.207	0	%100
58	M308	Z	0	0	0	%100
59	M309	X	-4.412	-4.412	0	%100
60	M309	Z	0	0	0	%100
61	M310	X	-4.064	-4.064	0	%100
62	M310	Z	0	0	0	%100
63	M311	X	-4.255	-4.255	0	%100
64	M311	Z	0	0	0	%100
65	M312	X	-3.943	-3.943	0	%100
66	M312	Z	0	0	0	%100
67	M313	X	-3.926	-3.926	0	%100
68	M313	Z	0	0	0	%100
69	M316	X	-1.493	-1.493	0	%100
70	M316	Z	0	0	0	%100
71	M317	X	-1.486	-1.486	0	%100
72	M317	Z	0	0	0	%100
73	M318	X	-5.069	-5.069	0	%100
74	M318	Z	0	0	0	%100
75	M319	X	-5.016	-5.016	0	%100
76	M319	Z	0	0	0	%100
77	M320	X	-5.071	-5.071	0	%100
78	M320	Z	0	0	0	%100
79	M321	X	-5.016	-5.016	0	%100
80	M321	Z	0	0	0	%100
81	M322	X	-5.552	-5.552	0	%100
82	M322	Z	0	0	0	%100
83	M323A	X	-5.018	-5.018	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, %]
84	M323A	Z	0	0	0	%100
85	M324A	X	-5.514	-5.514	0	%100
86	M324A	Z	0	0	0	%100
87	M325A	X	-5.018	-5.018	0	%100
88	M325A	Z	0	0	0	%100
89	M326A	X	-1.99	-1.99	0	%100
90	M326A	Z	0	0	0	%100
91	M327A	X	-1.981	-1.981	0	%100
92	M327A	Z	0	0	0	%100
93	M332B	X	-1.472	-1.472	0	%100
94	M332B	Z	0	0	0	%100
95	M333A	X	-1.963	-1.963	0	%100
96	M333A	Z	0	0	0	%100
97	M334A	X	-4.812	-4.812	0	%100
98	M334A	Z	0	0	0	%100
99	M335A	X	-4.809	-4.809	0	%100
100	M335A	Z	0	0	0	%100
101	M336	X	-1.963	-1.963	0	%100
102	M336	Z	0	0	0	%100
103	M337	X	-4.765	-4.765	0	%100
104	M337	Z	0	0	0	%100
105	M338	X	-4.786	-4.786	0	%100
106	M338	Z	0	0	0	%100
107	M339	X	-1.472	-1.472	0	%100
108	M339	Z	0	0	0	%100
109	M344	X	-4.098	-4.098	0	%100
110	M344	Z	0	0	0	%100
111	M345	X	-4.059	-4.059	0	%100
112	M345	Z	0	0	0	%100
113	MP1A	X	-11.287	-11.287	0	%100
114	MP1A	Z	0	0	0	%100
115	MP2A	X	-11.287	-11.287	0	%100
116	MP2A	Z	0	0	0	%100
117	MP3A	X	-11.287	-11.287	0	%100
118	MP3A	Z	0	0	0	%100
119	MP4A	X	-11.287	-11.287	0	%100
120	MP4A	Z	0	0	0	%100
121	M344A	X	0	0	0	%100
122	M344A	Z	0	0	0	%100
123	M138	X	-14.242	-14.242	0	%100
124	M138	Z	0	0	0	%100
125	M139	X	-1.023	-1.023	0	%100
126	M139	Z	0	0	0	%100
127	M140	X	-14.572	-14.572	0	%100
128	M140	Z	0	0	0	%100
129	M141	X	-3.643	-3.643	0	%100
130	M141	Z	0	0	0	%100
131	M142	X	-2.482	-2.482	0	%100
132	M142	Z	0	0	0	%100
133	M143	X	-2.856	-2.856	0	%100
134	M143	Z	0	0	0	%100
135	M144	X	-3.033	-3.033	0	%100
136	M144	Z	0	0	0	%100
137	M145	X	-8.427	-8.427	0	%100
138	M145	Z	0	0	0	%100
139	M146	X	-7.816	-7.816	0	%100
140	M146	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, %]
141	M147	X	-7.109	-7.109	0 %100
142	M147	Z	0	0	0 %100
143	M148	X	-8.427	-8.427	0 %100
144	M148	Z	0	0	0 %100
145	M149	X	-7.816	-7.816	0 %100
146	M149	Z	0	0	0 %100
147	M150	X	-7.109	-7.109	0 %100
148	M150	Z	0	0	0 %100
149	M171	X	-.501	-.501	0 %100
150	M171	Z	0	0	0 %100
151	M172	X	-.491	-.491	0 %100
152	M172	Z	0	0	0 %100
153	M173	X	-2.416	-2.416	0 %100
154	M173	Z	0	0	0 %100
155	M174	X	-1.713	-1.713	0 %100
156	M174	Z	0	0	0 %100
157	M175	X	-1.289	-1.289	0 %100
158	M175	Z	0	0	0 %100
159	M176	X	-1.189	-1.189	0 %100
160	M176	Z	0	0	0 %100
161	M177A	X	-1.5	-1.5	0 %100
162	M177A	Z	0	0	0 %100
163	M178	X	-1.326	-1.326	0 %100
164	M178	Z	0	0	0 %100
165	M179	X	-3.095	-3.095	0 %100
166	M179	Z	0	0	0 %100
167	M181	X	-2.213	-2.213	0 %100
168	M181	Z	0	0	0 %100
169	M182	X	-2.969	-2.969	0 %100
170	M182	Z	0	0	0 %100
171	M183	X	-2.072	-2.072	0 %100
172	M183	Z	0	0	0 %100
173	M184	X	-2.713	-2.713	0 %100
174	M184	Z	0	0	0 %100
175	M185	X	-1.788	-1.788	0 %100
176	M185	Z	0	0	0 %100
177	M186	X	-2.488	-2.488	0 %100
178	M186	Z	0	0	0 %100
179	M187	X	-1.644	-1.644	0 %100
180	M187	Z	0	0	0 %100
181	M188	X	-2.372	-2.372	0 %100
182	M188	Z	0	0	0 %100
183	M189	X	-1.507	-1.507	0 %100
184	M189	Z	0	0	0 %100
185	M190	X	-2.274	-2.274	0 %100
186	M190	Z	0	0	0 %100
187	M191	X	-2.198	-2.198	0 %100
188	M191	Z	0	0	0 %100
189	M194	X	-.373	-.373	0 %100
190	M194	Z	0	0	0 %100
191	M195	X	-.371	-.371	0 %100
192	M195	Z	0	0	0 %100
193	M196	X	-1.267	-1.267	0 %100
194	M196	Z	0	0	0 %100
195	M197	X	-1.254	-1.254	0 %100
196	M197	Z	0	0	0 %100
197	M198	X	-1.268	-1.268	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, %]
198	M198	Z	0	0	0 %100
199	M199	X	-1.254	-1.254	0 %100
200	M199	Z	0	0	0 %100
201	M200	X	-2.27	-2.27	0 %100
202	M200	Z	0	0	0 %100
203	M201	X	-3.095	-3.095	0 %100
204	M201	Z	0	0	0 %100
205	M202	X	-2.3	-2.3	0 %100
206	M202	Z	0	0	0 %100
207	M203	X	-3.095	-3.095	0 %100
208	M203	Z	0	0	0 %100
209	M204	X	-498	-498	0 %100
210	M204	Z	0	0	0 %100
211	M205	X	-495	-495	0 %100
212	M205	Z	0	0	0 %100
213	M210	X	-1.173	-1.173	0 %100
214	M210	Z	0	0	0 %100
215	M211	X	-491	-491	0 %100
216	M211	Z	0	0	0 %100
217	M212	X	-1.203	-1.203	0 %100
218	M212	Z	0	0	0 %100
219	M213	X	-1.279	-1.279	0 %100
220	M213	Z	0	0	0 %100
221	M214	X	-491	-491	0 %100
222	M214	Z	0	0	0 %100
223	M215	X	-1.191	-1.191	0 %100
224	M215	Z	0	0	0 %100
225	M216	X	-1.272	-1.272	0 %100
226	M216	Z	0	0	0 %100
227	M217	X	-1.17	-1.17	0 %100
228	M217	Z	0	0	0 %100
229	M218	X	-1.417	-1.417	0 %100
230	M218	Z	0	0	0 %100
231	M219	X	-1.213	-1.213	0 %100
232	M219	Z	0	0	0 %100
233	M241	X	-1.023	-1.023	0 %100
234	M241	Z	0	0	0 %100
235	M242	X	-14.242	-14.242	0 %100
236	M242	Z	0	0	0 %100
237	M243	X	-3.643	-3.643	0 %100
238	M243	Z	0	0	0 %100
239	M244	X	-14.572	-14.572	0 %100
240	M244	Z	0	0	0 %100
241	M245	X	-2.482	-2.482	0 %100
242	M245	Z	0	0	0 %100
243	M246	X	-3.033	-3.033	0 %100
244	M246	Z	0	0	0 %100
245	M247	X	-2.856	-2.856	0 %100
246	M247	Z	0	0	0 %100
247	M248	X	-8.427	-8.427	0 %100
248	M248	Z	0	0	0 %100
249	M249	X	-7.816	-7.816	0 %100
250	M249	Z	0	0	0 %100
251	M250	X	-7.109	-7.109	0 %100
252	M250	Z	0	0	0 %100
253	M251	X	-8.427	-8.427	0 %100
254	M251	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, %]
255	M252	X	-7.816	-7.816	0 %100
256	M252	Z	0	0	0 %100
257	M253	X	-7.109	-7.109	0 %100
258	M253	Z	0	0	0 %100
259	M274	X	-.501	-.501	0 %100
260	M274	Z	0	0	0 %100
261	M275	X	-.491	-.491	0 %100
262	M275	Z	0	0	0 %100
263	M276	X	-2.416	-2.416	0 %100
264	M276	Z	0	0	0 %100
265	M277	X	-1.713	-1.713	0 %100
266	M277	Z	0	0	0 %100
267	M278	X	-1.289	-1.289	0 %100
268	M278	Z	0	0	0 %100
269	M279	X	-1.189	-1.189	0 %100
270	M279	Z	0	0	0 %100
271	M280	X	-1.5	-1.5	0 %100
272	M280	Z	0	0	0 %100
273	M281	X	-1.326	-1.326	0 %100
274	M281	Z	0	0	0 %100
275	M282	X	-3.095	-3.095	0 %100
276	M282	Z	0	0	0 %100
277	M284	X	-2.213	-2.213	0 %100
278	M284	Z	0	0	0 %100
279	M285	X	-2.969	-2.969	0 %100
280	M285	Z	0	0	0 %100
281	M286	X	-2.072	-2.072	0 %100
282	M286	Z	0	0	0 %100
283	M287	X	-2.713	-2.713	0 %100
284	M287	Z	0	0	0 %100
285	M288	X	-1.788	-1.788	0 %100
286	M288	Z	0	0	0 %100
287	M289	X	-2.488	-2.488	0 %100
288	M289	Z	0	0	0 %100
289	M290	X	-1.644	-1.644	0 %100
290	M290	Z	0	0	0 %100
291	M291	X	-2.372	-2.372	0 %100
292	M291	Z	0	0	0 %100
293	M292	X	-1.507	-1.507	0 %100
294	M292	Z	0	0	0 %100
295	M293	X	-2.274	-2.274	0 %100
296	M293	Z	0	0	0 %100
297	M294	X	-2.198	-2.198	0 %100
298	M294	Z	0	0	0 %100
299	M297	X	-.373	-.373	0 %100
300	M297	Z	0	0	0 %100
301	M298	X	-.371	-.371	0 %100
302	M298	Z	0	0	0 %100
303	M299	X	-1.267	-1.267	0 %100
304	M299	Z	0	0	0 %100
305	M300	X	-1.254	-1.254	0 %100
306	M300	Z	0	0	0 %100
307	M301	X	-1.268	-1.268	0 %100
308	M301	Z	0	0	0 %100
309	M302	X	-1.254	-1.254	0 %100
310	M302	Z	0	0	0 %100
311	M303	X	-2.27	-2.27	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, %]
312	M303	Z	0	0	0 %100
313	M304	X	-3.095	-3.095	0 %100
314	M304	Z	0	0	0 %100
315	M305	X	-2.3	-2.3	0 %100
316	M305	Z	0	0	0 %100
317	M306	X	-3.095	-3.095	0 %100
318	M306	Z	0	0	0 %100
319	M307A	X	-.498	-.498	0 %100
320	M307A	Z	0	0	0 %100
321	M308A	X	-.495	-.495	0 %100
322	M308A	Z	0	0	0 %100
323	M313A	X	-1.173	-1.173	0 %100
324	M313A	Z	0	0	0 %100
325	M314A	X	-.491	-.491	0 %100
326	M314A	Z	0	0	0 %100
327	M315A	X	-1.203	-1.203	0 %100
328	M315A	Z	0	0	0 %100
329	M316A	X	-1.279	-1.279	0 %100
330	M316A	Z	0	0	0 %100
331	M317A	X	-.491	-.491	0 %100
332	M317A	Z	0	0	0 %100
333	M318A	X	-1.191	-1.191	0 %100
334	M318A	Z	0	0	0 %100
335	M319A	X	-1.272	-1.272	0 %100
336	M319A	Z	0	0	0 %100
337	M320A	X	-1.17	-1.17	0 %100
338	M320A	Z	0	0	0 %100
339	M321A	X	-1.417	-1.417	0 %100
340	M321A	Z	0	0	0 %100
341	M322A	X	-1.213	-1.213	0 %100
342	M322A	Z	0	0	0 %100
343	M327	X	-8.465	-8.465	0 %100
344	M327	Z	0	0	0 %100
345	MP1C	X	-11.287	-11.287	0 %100
346	MP1C	Z	0	0	0 %100
347	MP2C	X	-11.287	-11.287	0 %100
348	MP2C	Z	0	0	0 %100
349	MP3C	X	-11.287	-11.287	0 %100
350	MP3C	Z	0	0	0 %100
351	MP4C	X	-11.287	-11.287	0 %100
352	MP4C	Z	0	0	0 %100
353	M336A	X	-6.993	-6.993	0 %100
354	M336A	Z	0	0	0 %100
355	M342	X	-8.465	-8.465	0 %100
356	M342	Z	0	0	0 %100
357	MP1B	X	-11.287	-11.287	0 %100
358	MP1B	Z	0	0	0 %100
359	MP2B	X	-11.287	-11.287	0 %100
360	MP2B	Z	0	0	0 %100
361	MP3B	X	-11.287	-11.287	0 %100
362	MP3B	Z	0	0	0 %100
363	MP4B	X	-11.287	-11.287	0 %100
364	MP4B	Z	0	0	0 %100
365	M351	X	-6.993	-6.993	0 %100
366	M351	Z	0	0	0 %100
367	M356	X	-6.825	-6.825	0 %100
368	M356	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, %]
369	M359	X	-9.608	-9.608	0	%100
370	M359	Z	0	0	0	%100
371	M360	X	-9.607	-9.607	0	%100
372	M360	Z	0	0	0	%100
373	M361	X	0	0	0	%100
374	M361	Z	0	0	0	%100
375	M364	X	-6.17	-6.17	0	%100
376	M364	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	M122	X	-0.885	-0.885	0	%100
2	M122	Z	-0.511	-0.511	0	%100
3	M123	X	-12.333	-12.333	0	%100
4	M123	Z	-7.12	-7.12	0	%100
5	M124	X	0	0	0	%100
6	M124	Z	0	0	0	%100
7	M125	X	-9.465	-9.465	0	%100
8	M125	Z	-5.465	-5.465	0	%100
9	M126	X	-6.448	-6.448	0	%100
10	M126	Z	-3.723	-3.723	0	%100
11	M127	X	-7.726	-7.726	0	%100
12	M127	Z	-4.46	-4.46	0	%100
13	M128	X	-7.573	-7.573	0	%100
14	M128	Z	-4.372	-4.372	0	%100
15	M129	X	-2.433	-2.433	0	%100
16	M129	Z	-1.404	-1.404	0	%100
17	M130	X	-2.256	-2.256	0	%100
18	M130	Z	-1.303	-1.303	0	%100
19	M131	X	-2.052	-2.052	0	%100
20	M131	Z	-1.185	-1.185	0	%100
21	M132	X	-2.433	-2.433	0	%100
22	M132	Z	-1.404	-1.404	0	%100
23	M133	X	-2.256	-2.256	0	%100
24	M133	Z	-1.303	-1.303	0	%100
25	M134	X	-2.052	-2.052	0	%100
26	M134	Z	-1.185	-1.185	0	%100
27	M177	X	-2.444	-2.444	0	%100
28	M177	Z	-1.411	-1.411	0	%100
29	M287A	X	-1.302	-1.302	0	%100
30	M287A	Z	-0.752	-0.752	0	%100
31	M289A	X	-1.275	-1.275	0	%100
32	M289A	Z	-0.736	-0.736	0	%100
33	M290A	X	-1.571	-1.571	0	%100
34	M290A	Z	-0.907	-0.907	0	%100
35	M292A	X	-1.344	-1.344	0	%100
36	M292A	Z	-0.776	-0.776	0	%100
37	M293A	X	-3.349	-3.349	0	%100
38	M293A	Z	-1.933	-1.933	0	%100
39	M295A	X	-3.09	-3.09	0	%100
40	M295A	Z	-1.784	-1.784	0	%100
41	M296A	X	-3.457	-3.457	0	%100
42	M296A	Z	-1.996	-1.996	0	%100
43	M298A	X	-3.147	-3.147	0	%100
44	M298A	Z	-1.817	-1.817	0	%100
45	M299A	X	-3.79	-3.79	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.%]
46	M299A	Z	-2.188	-2.188	0 %100
47	M301A	X	-3.608	-3.608	0 %100
48	M301A	Z	-2.083	-2.083	0 %100
49	M302A	X	-3.604	-3.604	0 %100
50	M302A	Z	-2.081	-2.081	0 %100
51	M305A	X	-3.381	-3.381	0 %100
52	M305A	Z	-1.952	-1.952	0 %100
53	M306A	X	-3.373	-3.373	0 %100
54	M306A	Z	-1.947	-1.947	0 %100
55	M307	X	-3.17	-3.17	0 %100
56	M307	Z	-1.83	-1.83	0 %100
57	M308	X	-3.147	-3.147	0 %100
58	M308	Z	-1.817	-1.817	0 %100
59	M309	X	-3.022	-3.022	0 %100
60	M309	Z	-1.745	-1.745	0 %100
61	M310	X	-3.031	-3.031	0 %100
62	M310	Z	-1.75	-1.75	0 %100
63	M311	X	-2.892	-2.892	0 %100
64	M311	Z	-1.67	-1.67	0 %100
65	M312	X	-2.933	-2.933	0 %100
66	M312	Z	-1.693	-1.693	0 %100
67	M313	X	-2.901	-2.901	0 %100
68	M313	Z	-1.675	-1.675	0 %100
69	M316	X	-0.969	-0.969	0 %100
70	M316	Z	-0.56	-0.56	0 %100
71	M317	X	-0.965	-0.965	0 %100
72	M317	Z	-0.557	-0.557	0 %100
73	M318	X	-3.292	-3.292	0 %100
74	M318	Z	-1.901	-1.901	0 %100
75	M319	X	-3.258	-3.258	0 %100
76	M319	Z	-1.881	-1.881	0 %100
77	M320	X	-3.294	-3.294	0 %100
78	M320	Z	-1.902	-1.902	0 %100
79	M321	X	-3.258	-3.258	0 %100
80	M321	Z	-1.881	-1.881	0 %100
81	M322	X	-3.86	-3.86	0 %100
82	M322	Z	-2.229	-2.229	0 %100
83	M323A	X	-3.79	-3.79	0 %100
84	M323A	Z	-2.188	-2.188	0 %100
85	M324A	X	-3.847	-3.847	0 %100
86	M324A	Z	-2.221	-2.221	0 %100
87	M325A	X	-3.79	-3.79	0 %100
88	M325A	Z	-2.188	-2.188	0 %100
89	M326A	X	-1.293	-1.293	0 %100
90	M326A	Z	-0.746	-0.746	0 %100
91	M327A	X	-1.287	-1.287	0 %100
92	M327A	Z	-0.743	-0.743	0 %100
93	M332B	X	-1.189	-1.189	0 %100
94	M332B	Z	-0.686	-0.686	0 %100
95	M333A	X	-1.275	-1.275	0 %100
96	M333A	Z	-0.736	-0.736	0 %100
97	M334A	X	-3.126	-3.126	0 %100
98	M334A	Z	-1.805	-1.805	0 %100
99	M335A	X	-3.146	-3.146	0 %100
100	M335A	Z	-1.816	-1.816	0 %100
101	M336	X	-1.275	-1.275	0 %100
102	M336	Z	-0.736	-0.736	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, %]
103	M337	X	-3.095	-3.095	0 %100
104	M337	Z	-1.787	-1.787	0 %100
105	M338	X	-3.13	-3.13	0 %100
106	M338	Z	-1.807	-1.807	0 %100
107	M339	X	-1.188	-1.188	0 %100
108	M339	Z	-.686	-.686	0 %100
109	M344	X	-2.775	-2.775	0 %100
110	M344	Z	-1.602	-1.602	0 %100
111	M345	X	-2.694	-2.694	0 %100
112	M345	Z	-1.555	-1.555	0 %100
113	MP1A	X	-9.774	-9.774	0 %100
114	MP1A	Z	-5.643	-5.643	0 %100
115	MP2A	X	-9.774	-9.774	0 %100
116	MP2A	Z	-5.643	-5.643	0 %100
117	MP3A	X	-9.774	-9.774	0 %100
118	MP3A	Z	-5.643	-5.643	0 %100
119	MP4A	X	-9.774	-9.774	0 %100
120	MP4A	Z	-5.643	-5.643	0 %100
121	M344A	X	-2.019	-2.019	0 %100
122	M344A	Z	-1.165	-1.165	0 %100
123	M138	X	-12.333	-12.333	0 %100
124	M138	Z	-7.12	-7.12	0 %100
125	M139	X	-.885	-.885	0 %100
126	M139	Z	-.511	-.511	0 %100
127	M140	X	-9.465	-9.465	0 %100
128	M140	Z	-5.465	-5.465	0 %100
129	M141	X	0	0	0 %100
130	M141	Z	0	0	0 %100
131	M142	X	-6.448	-6.448	0 %100
132	M142	Z	-3.723	-3.723	0 %100
133	M143	X	-7.573	-7.573	0 %100
134	M143	Z	-4.372	-4.372	0 %100
135	M144	X	-7.726	-7.726	0 %100
136	M144	Z	-4.46	-4.46	0 %100
137	M145	X	-2.433	-2.433	0 %100
138	M145	Z	-1.404	-1.404	0 %100
139	M146	X	-2.256	-2.256	0 %100
140	M146	Z	-1.303	-1.303	0 %100
141	M147	X	-2.052	-2.052	0 %100
142	M147	Z	-1.185	-1.185	0 %100
143	M148	X	-2.433	-2.433	0 %100
144	M148	Z	-1.404	-1.404	0 %100
145	M149	X	-2.256	-2.256	0 %100
146	M149	Z	-1.303	-1.303	0 %100
147	M150	X	-2.052	-2.052	0 %100
148	M150	Z	-1.185	-1.185	0 %100
149	M171	X	-1.302	-1.302	0 %100
150	M171	Z	-.752	-.752	0 %100
151	M172	X	-1.275	-1.275	0 %100
152	M172	Z	-.736	-.736	0 %100
153	M173	X	-1.571	-1.571	0 %100
154	M173	Z	-.907	-.907	0 %100
155	M174	X	-1.344	-1.344	0 %100
156	M174	Z	-.776	-.776	0 %100
157	M175	X	-3.349	-3.349	0 %100
158	M175	Z	-1.933	-1.933	0 %100
159	M176	X	-3.09	-3.09	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, %]
160	M176	Z	-1.784	-1.784	0 %100
161	M177A	X	-3.457	-3.457	0 %100
162	M177A	Z	-1.996	-1.996	0 %100
163	M178	X	-3.147	-3.147	0 %100
164	M178	Z	-1.817	-1.817	0 %100
165	M179	X	-3.79	-3.79	0 %100
166	M179	Z	-2.188	-2.188	0 %100
167	M181	X	-3.608	-3.608	0 %100
168	M181	Z	-2.083	-2.083	0 %100
169	M182	X	-3.604	-3.604	0 %100
170	M182	Z	-2.081	-2.081	0 %100
171	M183	X	-3.381	-3.381	0 %100
172	M183	Z	-1.952	-1.952	0 %100
173	M184	X	-3.373	-3.373	0 %100
174	M184	Z	-1.947	-1.947	0 %100
175	M185	X	-3.17	-3.17	0 %100
176	M185	Z	-1.83	-1.83	0 %100
177	M186	X	-3.147	-3.147	0 %100
178	M186	Z	-1.817	-1.817	0 %100
179	M187	X	-3.022	-3.022	0 %100
180	M187	Z	-1.745	-1.745	0 %100
181	M188	X	-3.031	-3.031	0 %100
182	M188	Z	-1.75	-1.75	0 %100
183	M189	X	-2.892	-2.892	0 %100
184	M189	Z	-1.67	-1.67	0 %100
185	M190	X	-2.933	-2.933	0 %100
186	M190	Z	-1.693	-1.693	0 %100
187	M191	X	-2.901	-2.901	0 %100
188	M191	Z	-1.675	-1.675	0 %100
189	M194	X	-0.969	-0.969	0 %100
190	M194	Z	-0.56	-0.56	0 %100
191	M195	X	-0.965	-0.965	0 %100
192	M195	Z	-0.557	-0.557	0 %100
193	M196	X	-3.292	-3.292	0 %100
194	M196	Z	-1.901	-1.901	0 %100
195	M197	X	-3.258	-3.258	0 %100
196	M197	Z	-1.881	-1.881	0 %100
197	M198	X	-3.294	-3.294	0 %100
198	M198	Z	-1.902	-1.902	0 %100
199	M199	X	-3.258	-3.258	0 %100
200	M199	Z	-1.881	-1.881	0 %100
201	M200	X	-3.86	-3.86	0 %100
202	M200	Z	-2.229	-2.229	0 %100
203	M201	X	-3.79	-3.79	0 %100
204	M201	Z	-2.188	-2.188	0 %100
205	M202	X	-3.847	-3.847	0 %100
206	M202	Z	-2.221	-2.221	0 %100
207	M203	X	-3.79	-3.79	0 %100
208	M203	Z	-2.188	-2.188	0 %100
209	M204	X	-1.293	-1.293	0 %100
210	M204	Z	-0.746	-0.746	0 %100
211	M205	X	-1.287	-1.287	0 %100
212	M205	Z	-0.743	-0.743	0 %100
213	M210	X	-1.189	-1.189	0 %100
214	M210	Z	-0.686	-0.686	0 %100
215	M211	X	-1.275	-1.275	0 %100
216	M211	Z	-0.736	-0.736	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, %]
217	M212	X	-3.126	-3.126	0 %100
218	M212	Z	-1.805	-1.805	0 %100
219	M213	X	-3.146	-3.146	0 %100
220	M213	Z	-1.816	-1.816	0 %100
221	M214	X	-1.275	-1.275	0 %100
222	M214	Z	-.736	-.736	0 %100
223	M215	X	-3.095	-3.095	0 %100
224	M215	Z	-1.787	-1.787	0 %100
225	M216	X	-3.13	-3.13	0 %100
226	M216	Z	-1.807	-1.807	0 %100
227	M217	X	-1.188	-1.188	0 %100
228	M217	Z	-.686	-.686	0 %100
229	M218	X	-2.775	-2.775	0 %100
230	M218	Z	-1.602	-1.602	0 %100
231	M219	X	-2.694	-2.694	0 %100
232	M219	Z	-1.555	-1.555	0 %100
233	M241	X	-6.61	-6.61	0 %100
234	M241	Z	-3.816	-3.816	0 %100
235	M242	X	-6.61	-6.61	0 %100
236	M242	Z	-3.816	-3.816	0 %100
237	M243	X	-9.465	-9.465	0 %100
238	M243	Z	-5.465	-5.465	0 %100
239	M244	X	-9.465	-9.465	0 %100
240	M244	Z	-5.465	-5.465	0 %100
241	M245	X	0	0	0 %100
242	M245	Z	0	0	0 %100
243	M246	X	-.000766	-.000766	0 %100
244	M246	Z	-.000442	-.000442	0 %100
245	M247	X	-.000766	-.000766	0 %100
246	M247	Z	-.000442	-.000442	0 %100
247	M248	X	-9.73	-9.73	0 %100
248	M248	Z	-5.618	-5.618	0 %100
249	M249	X	-9.025	-9.025	0 %100
250	M249	Z	-5.211	-5.211	0 %100
251	M250	X	-8.208	-8.208	0 %100
252	M250	Z	-4.739	-4.739	0 %100
253	M251	X	-9.73	-9.73	0 %100
254	M251	Z	-5.618	-5.618	0 %100
255	M252	X	-9.025	-9.025	0 %100
256	M252	Z	-5.211	-5.211	0 %100
257	M253	X	-8.208	-8.208	0 %100
258	M253	Z	-4.739	-4.739	0 %100
259	M274	X	0	0	0 %100
260	M274	Z	0	0	0 %100
261	M275	X	0	0	0 %100
262	M275	Z	0	0	0 %100
263	M276	X	-2.353	-2.353	0 %100
264	M276	Z	-1.358	-1.358	0 %100
265	M277	X	-1.553	-1.553	0 %100
266	M277	Z	-.897	-.897	0 %100
267	M278	X	0	0	0 %100
268	M278	Z	0	0	0 %100
269	M279	X	0	0	0 %100
270	M279	Z	0	0	0 %100
271	M280	X	-.22	-.22	0 %100
272	M280	Z	-.127	-.127	0 %100
273	M281	X	-.149	-.149	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.%]
274	M281	Z	-0.086	-0.086	0 %100
275	M282	X	-2.125	-2.125	0 %100
276	M282	Z	-1.227	-1.227	0 %100
277	M284	X	-1.071	-1.071	0 %100
278	M284	Z	-0.618	-0.618	0 %100
279	M285	X	-2.055	-2.055	0 %100
280	M285	Z	-1.186	-1.186	0 %100
281	M286	X	-1.001	-1.001	0 %100
282	M286	Z	-0.578	-0.578	0 %100
283	M287	X	-1.839	-1.839	0 %100
284	M287	Z	-1.062	-1.062	0 %100
285	M288	X	-0.738	-0.738	0 %100
286	M288	Z	-0.426	-0.426	0 %100
287	M289	X	-1.659	-1.659	0 %100
288	M289	Z	-0.958	-0.958	0 %100
289	M290	X	-0.625	-0.625	0 %100
290	M290	Z	-0.361	-0.361	0 %100
291	M291	X	-1.566	-1.566	0 %100
292	M291	Z	-0.904	-0.904	0 %100
293	M292	X	-0.511	-0.511	0 %100
294	M292	Z	-0.295	-0.295	0 %100
295	M293	X	-1.487	-1.487	0 %100
296	M293	Z	-0.859	-0.859	0 %100
297	M294	X	-1.405	-1.405	0 %100
298	M294	Z	-0.811	-0.811	0 %100
299	M297	X	0	0	0 %100
300	M297	Z	0	0	0 %100
301	M298	X	0	0	0 %100
302	M298	Z	0	0	0 %100
303	M299	X	0	0	0 %100
304	M299	Z	0	0	0 %100
305	M300	X	0	0	0 %100
306	M300	Z	0	0	0 %100
307	M301	X	0	0	0 %100
308	M301	Z	0	0	0 %100
309	M302	X	0	0	0 %100
310	M302	Z	0	0	0 %100
311	M303	X	-1.018	-1.018	0 %100
312	M303	Z	-0.588	-0.588	0 %100
313	M304	X	-2.125	-2.125	0 %100
314	M304	Z	-1.227	-1.227	0 %100
315	M305	X	-1.064	-1.064	0 %100
316	M305	Z	-0.614	-0.614	0 %100
317	M306	X	-2.125	-2.125	0 %100
318	M306	Z	-1.227	-1.227	0 %100
319	M307A	X	0	0	0 %100
320	M307A	Z	0	0	0 %100
321	M308A	X	0	0	0 %100
322	M308A	Z	0	0	0 %100
323	M313A	X	-0.929	-0.929	0 %100
324	M313A	Z	-0.537	-0.537	0 %100
325	M314A	X	0	0	0 %100
326	M314A	Z	0	0	0 %100
327	M315A	X	0	0	0 %100
328	M315A	Z	0	0	0 %100
329	M316A	X	-0.088	-0.088	0 %100
330	M316A	Z	-0.051	-0.051	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, %]
331	M317A	X	0	0	0	%100
332	M317A	Z	0	0	0	%100
333	M318A	X	0	0	0	%100
334	M318A	Z	0	0	0	%100
335	M319A	X	-0.087	-0.087	0	%100
336	M319A	Z	-0.05	-0.05	0	%100
337	M320A	X	-0.926	-0.926	0	%100
338	M320A	Z	-0.534	-0.534	0	%100
339	M321A	X	-0.454	-0.454	0	%100
340	M321A	Z	-0.262	-0.262	0	%100
341	M322A	X	-0.228	-0.228	0	%100
342	M322A	Z	-0.132	-0.132	0	%100
343	M327	X	-2.444	-2.444	0	%100
344	M327	Z	-1.411	-1.411	0	%100
345	MP1C	X	-9.774	-9.774	0	%100
346	MP1C	Z	-5.643	-5.643	0	%100
347	MP2C	X	-9.774	-9.774	0	%100
348	MP2C	Z	-5.643	-5.643	0	%100
349	MP3C	X	-9.774	-9.774	0	%100
350	MP3C	Z	-5.643	-5.643	0	%100
351	MP4C	X	-9.774	-9.774	0	%100
352	MP4C	Z	-5.643	-5.643	0	%100
353	M336A	X	-2.019	-2.019	0	%100
354	M336A	Z	-1.165	-1.165	0	%100
355	M342	X	-9.774	-9.774	0	%100
356	M342	Z	-5.643	-5.643	0	%100
357	MP1B	X	-9.774	-9.774	0	%100
358	MP1B	Z	-5.643	-5.643	0	%100
359	MP2B	X	-9.774	-9.774	0	%100
360	MP2B	Z	-5.643	-5.643	0	%100
361	MP3B	X	-9.774	-9.774	0	%100
362	MP3B	Z	-5.643	-5.643	0	%100
363	MP4B	X	-9.774	-9.774	0	%100
364	MP4B	Z	-5.643	-5.643	0	%100
365	M351	X	-8.075	-8.075	0	%100
366	M351	Z	-4.662	-4.662	0	%100
367	M356	X	-5.91	-5.91	0	%100
368	M356	Z	-3.412	-3.412	0	%100
369	M359	X	-2.774	-2.774	0	%100
370	M359	Z	-1.601	-1.601	0	%100
371	M360	X	-11.094	-11.094	0	%100
372	M360	Z	-6.405	-6.405	0	%100
373	M361	X	-2.773	-2.773	0	%100
374	M361	Z	-1.601	-1.601	0	%100
375	M364	X	-5.344	-5.344	0	%100
376	M364	Z	-3.085	-3.085	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	M122	X	-0.511	-0.511	0	%100
2	M122	Z	-0.886	-0.886	0	%100
3	M123	X	-7.121	-7.121	0	%100
4	M123	Z	-12.334	-12.334	0	%100
5	M124	X	-1.822	-1.822	0	%100
6	M124	Z	-3.155	-3.155	0	%100
7	M125	X	-7.286	-7.286	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, %]
8	M125	Z	-12.62	-12.62	0 %100
9	M126	X	-1.241	-1.241	0 %100
10	M126	Z	-2.149	-2.149	0 %100
11	M127	X	-1.517	-1.517	0 %100
12	M127	Z	-2.627	-2.627	0 %100
13	M128	X	-1.428	-1.428	0 %100
14	M128	Z	-2.474	-2.474	0 %100
15	M129	X	-4.213	-4.213	0 %100
16	M129	Z	-7.298	-7.298	0 %100
17	M130	X	-3.908	-3.908	0 %100
18	M130	Z	-6.769	-6.769	0 %100
19	M131	X	-3.554	-3.554	0 %100
20	M131	Z	-6.156	-6.156	0 %100
21	M132	X	-4.213	-4.213	0 %100
22	M132	Z	-7.298	-7.298	0 %100
23	M133	X	-3.908	-3.908	0 %100
24	M133	Z	-6.769	-6.769	0 %100
25	M134	X	-3.554	-3.554	0 %100
26	M134	Z	-6.156	-6.156	0 %100
27	M177	X	-4.232	-4.232	0 %100
28	M177	Z	-7.331	-7.331	0 %100
29	M287A	X	-.251	-.251	0 %100
30	M287A	Z	-.434	-.434	0 %100
31	M289A	X	-.245	-.245	0 %100
32	M289A	Z	-.425	-.425	0 %100
33	M290A	X	-1.208	-1.208	0 %100
34	M290A	Z	-2.092	-2.092	0 %100
35	M292A	X	-.856	-.856	0 %100
36	M292A	Z	-1.483	-1.483	0 %100
37	M293A	X	-.644	-.644	0 %100
38	M293A	Z	-1.116	-1.116	0 %100
39	M295A	X	-.595	-.595	0 %100
40	M295A	Z	-1.03	-1.03	0 %100
41	M296A	X	-.75	-.75	0 %100
42	M296A	Z	-1.299	-1.299	0 %100
43	M298A	X	-.663	-.663	0 %100
44	M298A	Z	-1.148	-1.148	0 %100
45	M299A	X	-1.547	-1.547	0 %100
46	M299A	Z	-2.68	-2.68	0 %100
47	M301A	X	-1.107	-1.107	0 %100
48	M301A	Z	-1.917	-1.917	0 %100
49	M302A	X	-1.484	-1.484	0 %100
50	M302A	Z	-2.571	-2.571	0 %100
51	M305A	X	-1.036	-1.036	0 %100
52	M305A	Z	-1.795	-1.795	0 %100
53	M306A	X	-1.357	-1.357	0 %100
54	M306A	Z	-2.35	-2.35	0 %100
55	M307	X	-.894	-.894	0 %100
56	M307	Z	-1.549	-1.549	0 %100
57	M308	X	-1.244	-1.244	0 %100
58	M308	Z	-2.155	-2.155	0 %100
59	M309	X	-.822	-.822	0 %100
60	M309	Z	-1.424	-1.424	0 %100
61	M310	X	-1.186	-1.186	0 %100
62	M310	Z	-2.054	-2.054	0 %100
63	M311	X	-.753	-.753	0 %100
64	M311	Z	-1.305	-1.305	0 %100



Company : Maser Consulting  
 Designer : AE  
 Job Number : 21777005A  
 Model Name : Antenna Mount Analysis

Mar 25, 2021  
 8:59 AM  
 Checked By: DX

**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.%,]
65	M312	X	-1.137	-1.137	0 %100
66	M312	Z	-1.969	-1.969	0 %100
67	M313	X	-1.099	-1.099	0 %100
68	M313	Z	-1.904	-1.904	0 %100
69	M316	X	-.187	-.187	0 %100
70	M316	Z	-.323	-.323	0 %100
71	M317	X	-.186	-.186	0 %100
72	M317	Z	-.322	-.322	0 %100
73	M318	X	-.634	-.634	0 %100
74	M318	Z	-1.097	-1.097	0 %100
75	M319	X	-.627	-.627	0 %100
76	M319	Z	-1.086	-1.086	0 %100
77	M320	X	-.634	-.634	0 %100
78	M320	Z	-1.098	-1.098	0 %100
79	M321	X	-.627	-.627	0 %100
80	M321	Z	-1.086	-1.086	0 %100
81	M322	X	-1.135	-1.135	0 %100
82	M322	Z	-1.965	-1.965	0 %100
83	M323A	X	-1.547	-1.547	0 %100
84	M323A	Z	-2.68	-2.68	0 %100
85	M324A	X	-1.15	-1.15	0 %100
86	M324A	Z	-1.992	-1.992	0 %100
87	M325A	X	-1.547	-1.547	0 %100
88	M325A	Z	-2.68	-2.68	0 %100
89	M326A	X	-.249	-.249	0 %100
90	M326A	Z	-.431	-.431	0 %100
91	M327A	X	-.248	-.248	0 %100
92	M327A	Z	-.429	-.429	0 %100
93	M332B	X	-.586	-.586	0 %100
94	M332B	Z	-1.016	-1.016	0 %100
95	M333A	X	-.245	-.245	0 %100
96	M333A	Z	-.425	-.425	0 %100
97	M334A	X	-.602	-.602	0 %100
98	M334A	Z	-1.042	-1.042	0 %100
99	M335A	X	-.639	-.639	0 %100
100	M335A	Z	-1.108	-1.108	0 %100
101	M336	X	-.245	-.245	0 %100
102	M336	Z	-.425	-.425	0 %100
103	M337	X	-.596	-.596	0 %100
104	M337	Z	-1.032	-1.032	0 %100
105	M338	X	-.636	-.636	0 %100
106	M338	Z	-1.101	-1.101	0 %100
107	M339	X	-.585	-.585	0 %100
108	M339	Z	-1.013	-1.013	0 %100
109	M344	X	-.709	-.709	0 %100
110	M344	Z	-1.227	-1.227	0 %100
111	M345	X	-.606	-.606	0 %100
112	M345	Z	-1.05	-1.05	0 %100
113	MP1A	X	-5.643	-5.643	0 %100
114	MP1A	Z	-9.774	-9.774	0 %100
115	MP2A	X	-5.643	-5.643	0 %100
116	MP2A	Z	-9.774	-9.774	0 %100
117	MP3A	X	-5.643	-5.643	0 %100
118	MP3A	Z	-9.774	-9.774	0 %100
119	MP4A	X	-5.643	-5.643	0 %100
120	MP4A	Z	-9.774	-9.774	0 %100
121	M344A	X	-3.496	-3.496	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.%]
122	M344A	Z	-6.056	-6.056	0 %100
123	M138	X	-3.816	-3.816	0 %100
124	M138	Z	-6.609	-6.609	0 %100
125	M139	X	-3.816	-3.816	0 %100
126	M139	Z	-6.609	-6.609	0 %100
127	M140	X	-1.821	-1.821	0 %100
128	M140	Z	-3.155	-3.155	0 %100
129	M141	X	-1.821	-1.821	0 %100
130	M141	Z	-3.155	-3.155	0 %100
131	M142	X	-4.963	-4.963	0 %100
132	M142	Z	-8.597	-8.597	0 %100
133	M143	X	-5.888	-5.888	0 %100
134	M143	Z	-10.199	-10.199	0 %100
135	M144	X	-5.888	-5.888	0 %100
136	M144	Z	-10.199	-10.199	0 %100
137	M145	X	0	0	0 %100
138	M145	Z	0	0	0 %100
139	M146	X	0	0	0 %100
140	M146	Z	0	0	0 %100
141	M147	X	0	0	0 %100
142	M147	Z	0	0	0 %100
143	M148	X	0	0	0 %100
144	M148	Z	0	0	0 %100
145	M149	X	0	0	0 %100
146	M149	Z	0	0	0 %100
147	M150	X	0	0	0 %100
148	M150	Z	0	0	0 %100
149	M171	X	-1.002	-1.002	0 %100
150	M171	Z	-1.736	-1.736	0 %100
151	M172	X	-0.981	-0.981	0 %100
152	M172	Z	-1.7	-1.7	0 %100
153	M173	X	-0.757	-0.757	0 %100
154	M173	Z	-1.311	-1.311	0 %100
155	M174	X	-0.736	-0.736	0 %100
156	M174	Z	-1.275	-1.275	0 %100
157	M175	X	-2.578	-2.578	0 %100
158	M175	Z	-4.465	-4.465	0 %100
159	M176	X	-2.378	-2.378	0 %100
160	M176	Z	-4.119	-4.119	0 %100
161	M177A	X	-2.619	-2.619	0 %100
162	M177A	Z	-4.536	-4.536	0 %100
163	M178	X	-2.394	-2.394	0 %100
164	M178	Z	-4.146	-4.146	0 %100
165	M179	X	-2.509	-2.509	0 %100
166	M179	Z	-4.345	-4.345	0 %100
167	M181	X	-2.571	-2.571	0 %100
168	M181	Z	-4.454	-4.454	0 %100
169	M182	X	-2.379	-2.379	0 %100
170	M182	Z	-4.121	-4.121	0 %100
171	M183	X	-2.41	-2.41	0 %100
172	M183	Z	-4.175	-4.175	0 %100
173	M184	X	-2.242	-2.242	0 %100
174	M184	Z	-3.884	-3.884	0 %100
175	M185	X	-2.298	-2.298	0 %100
176	M185	Z	-3.98	-3.98	0 %100
177	M186	X	-2.104	-2.104	0 %100
178	M186	Z	-3.644	-3.644	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, %]
236	M242	Z	- .886	- .886	0 %100
237	M243	X	-7.286	-7.286	0 %100
238	M243	Z	-12.62	-12.62	0 %100
239	M244	X	-1.822	-1.822	0 %100
240	M244	Z	-3.155	-3.155	0 %100
241	M245	X	-1.241	-1.241	0 %100
242	M245	Z	-2.149	-2.149	0 %100
243	M246	X	-1.428	-1.428	0 %100
244	M246	Z	-2.474	-2.474	0 %100
245	M247	X	-1.517	-1.517	0 %100
246	M247	Z	-2.627	-2.627	0 %100
247	M248	X	-4.213	-4.213	0 %100
248	M248	Z	-7.298	-7.298	0 %100
249	M249	X	-3.908	-3.908	0 %100
250	M249	Z	-6.769	-6.769	0 %100
251	M250	X	-3.554	-3.554	0 %100
252	M250	Z	-6.156	-6.156	0 %100
253	M251	X	-4.213	-4.213	0 %100
254	M251	Z	-7.298	-7.298	0 %100
255	M252	X	-3.908	-3.908	0 %100
256	M252	Z	-6.769	-6.769	0 %100
257	M253	X	-3.554	-3.554	0 %100
258	M253	Z	-6.156	-6.156	0 %100
259	M274	X	-.251	-.251	0 %100
260	M274	Z	-.434	-.434	0 %100
261	M275	X	-.245	-.245	0 %100
262	M275	Z	-.425	-.425	0 %100
263	M276	X	-1.208	-1.208	0 %100
264	M276	Z	-2.092	-2.092	0 %100
265	M277	X	-.856	-.856	0 %100
266	M277	Z	-1.483	-1.483	0 %100
267	M278	X	-.644	-.644	0 %100
268	M278	Z	-1.116	-1.116	0 %100
269	M279	X	-.595	-.595	0 %100
270	M279	Z	-1.03	-1.03	0 %100
271	M280	X	-.75	-.75	0 %100
272	M280	Z	-1.299	-1.299	0 %100
273	M281	X	-.663	-.663	0 %100
274	M281	Z	-1.148	-1.148	0 %100
275	M282	X	-1.547	-1.547	0 %100
276	M282	Z	-2.68	-2.68	0 %100
277	M284	X	-1.107	-1.107	0 %100
278	M284	Z	-1.917	-1.917	0 %100
279	M285	X	-1.484	-1.484	0 %100
280	M285	Z	-2.571	-2.571	0 %100
281	M286	X	-1.036	-1.036	0 %100
282	M286	Z	-1.795	-1.795	0 %100
283	M287	X	-1.357	-1.357	0 %100
284	M287	Z	-2.35	-2.35	0 %100
285	M288	X	-.894	-.894	0 %100
286	M288	Z	-1.549	-1.549	0 %100
287	M289	X	-1.244	-1.244	0 %100
288	M289	Z	-2.155	-2.155	0 %100
289	M290	X	-.822	-.822	0 %100
290	M290	Z	-1.424	-1.424	0 %100
291	M291	X	-1.186	-1.186	0 %100
292	M291	Z	-2.054	-2.054	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.%,]
293	M292	X	- .753	- .753	0 %100
294	M292	Z	-1.305	-1.305	0 %100
295	M293	X	-1.137	-1.137	0 %100
296	M293	Z	-1.969	-1.969	0 %100
297	M294	X	-1.099	-1.099	0 %100
298	M294	Z	-1.904	-1.904	0 %100
299	M297	X	- .187	- .187	0 %100
300	M297	Z	- .323	- .323	0 %100
301	M298	X	- .186	- .186	0 %100
302	M298	Z	- .322	- .322	0 %100
303	M299	X	- .634	- .634	0 %100
304	M299	Z	-1.097	-1.097	0 %100
305	M300	X	- .627	- .627	0 %100
306	M300	Z	-1.086	-1.086	0 %100
307	M301	X	- .634	- .634	0 %100
308	M301	Z	-1.098	-1.098	0 %100
309	M302	X	- .627	- .627	0 %100
310	M302	Z	-1.086	-1.086	0 %100
311	M303	X	-1.135	-1.135	0 %100
312	M303	Z	-1.965	-1.965	0 %100
313	M304	X	-1.547	-1.547	0 %100
314	M304	Z	-2.68	-2.68	0 %100
315	M305	X	-1.15	-1.15	0 %100
316	M305	Z	-1.992	-1.992	0 %100
317	M306	X	-1.547	-1.547	0 %100
318	M306	Z	-2.68	-2.68	0 %100
319	M307A	X	- .249	- .249	0 %100
320	M307A	Z	- .431	- .431	0 %100
321	M308A	X	- .248	- .248	0 %100
322	M308A	Z	- .429	- .429	0 %100
323	M313A	X	- .586	- .586	0 %100
324	M313A	Z	-1.016	-1.016	0 %100
325	M314A	X	- .245	- .245	0 %100
326	M314A	Z	- .425	- .425	0 %100
327	M315A	X	- .602	- .602	0 %100
328	M315A	Z	-1.042	-1.042	0 %100
329	M316A	X	- .639	- .639	0 %100
330	M316A	Z	-1.108	-1.108	0 %100
331	M317A	X	- .245	- .245	0 %100
332	M317A	Z	- .425	- .425	0 %100
333	M318A	X	- .596	- .596	0 %100
334	M318A	Z	-1.032	-1.032	0 %100
335	M319A	X	- .636	- .636	0 %100
336	M319A	Z	-1.101	-1.101	0 %100
337	M320A	X	- .585	- .585	0 %100
338	M320A	Z	-1.013	-1.013	0 %100
339	M321A	X	- .709	- .709	0 %100
340	M321A	Z	-1.227	-1.227	0 %100
341	M322A	X	- .606	- .606	0 %100
342	M322A	Z	-1.05	-1.05	0 %100
343	M327	X	0	0	0 %100
344	M327	Z	0	0	0 %100
345	MP1C	X	-5.643	-5.643	0 %100
346	MP1C	Z	-9.774	-9.774	0 %100
347	MP2C	X	-5.643	-5.643	0 %100
348	MP2C	Z	-9.774	-9.774	0 %100
349	MP3C	X	-5.643	-5.643	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, %]
350	MP3C	Z	-9.774	-9.774	0 %100
351	MP4C	X	-5.643	-5.643	0 %100
352	MP4C	Z	-9.774	-9.774	0 %100
353	M336A	X	0	0	0 %100
354	M336A	Z	0	0	0 %100
355	M342	X	-4.232	-4.232	0 %100
356	M342	Z	-7.331	-7.331	0 %100
357	MP1B	X	-5.643	-5.643	0 %100
358	MP1B	Z	-9.774	-9.774	0 %100
359	MP2B	X	-5.643	-5.643	0 %100
360	MP2B	Z	-9.774	-9.774	0 %100
361	MP3B	X	-5.643	-5.643	0 %100
362	MP3B	Z	-9.774	-9.774	0 %100
363	MP4B	X	-5.643	-5.643	0 %100
364	MP4B	Z	-9.774	-9.774	0 %100
365	M351	X	-3.496	-3.496	0 %100
366	M351	Z	-6.056	-6.056	0 %100
367	M356	X	-3.412	-3.412	0 %100
368	M356	Z	-5.91	-5.91	0 %100
369	M359	X	0	0	0 %100
370	M359	Z	0	0	0 %100
371	M360	X	-4.804	-4.804	0 %100
372	M360	Z	-8.32	-8.32	0 %100
373	M361	X	-4.804	-4.804	0 %100
374	M361	Z	-8.32	-8.32	0 %100
375	M364	X	-3.085	-3.085	0 %100
376	M364	Z	-5.344	-5.344	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	M122	X	0	0	0 %100
2	M122	Z	-2.239	-2.239	0 %100
3	M123	X	0	0	0 %100
4	M123	Z	-2.239	-2.239	0 %100
5	M124	X	0	0	0 %100
6	M124	Z	-3.203	-3.203	0 %100
7	M125	X	0	0	0 %100
8	M125	Z	-3.203	-3.203	0 %100
9	M126	X	0	0	0 %100
10	M126	Z	0	0	0 %100
11	M127	X	0	0	0 %100
12	M127	Z	-0.00263	-0.00263	0 %100
13	M128	X	0	0	0 %100
14	M128	Z	-0.00263	-0.00263	0 %100
15	M129	X	0	0	0 %100
16	M129	Z	-3.557	-3.557	0 %100
17	M130	X	0	0	0 %100
18	M130	Z	-3.327	-3.327	0 %100
19	M131	X	0	0	0 %100
20	M131	Z	-3.092	-3.092	0 %100
21	M132	X	0	0	0 %100
22	M132	Z	-3.557	-3.557	0 %100
23	M133	X	0	0	0 %100
24	M133	Z	-3.327	-3.327	0 %100
25	M134	X	0	0	0 %100
26	M134	Z	-3.092	-3.092	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, %]	
27	M177	X	0	0	0	%100
28	M177	Z	-4.41	-4.41	0	%100
29	M287A	X	0	0	0	%100
30	M287A	Z	0	0	0	%100
31	M289A	X	0	0	0	%100
32	M289A	Z	0	0	0	%100
33	M290A	X	0	0	0	%100
34	M290A	Z	-0.638	-0.638	0	%100
35	M292A	X	0	0	0	%100
36	M292A	Z	-0.419	-0.419	0	%100
37	M293A	X	0	0	0	%100
38	M293A	Z	0	0	0	%100
39	M295A	X	0	0	0	%100
40	M295A	Z	0	0	0	%100
41	M296A	X	0	0	0	%100
42	M296A	Z	-0.196	-0.196	0	%100
43	M298A	X	0	0	0	%100
44	M298A	Z	-0.131	-0.131	0	%100
45	M299A	X	0	0	0	%100
46	M299A	Z	-1.865	-1.865	0	%100
47	M301A	X	0	0	0	%100
48	M301A	Z	-0.947	-0.947	0	%100
49	M302A	X	0	0	0	%100
50	M302A	Z	-1.819	-1.819	0	%100
51	M305A	X	0	0	0	%100
52	M305A	Z	-0.872	-0.872	0	%100
53	M306A	X	0	0	0	%100
54	M306A	Z	-1.772	-1.772	0	%100
55	M307	X	0	0	0	%100
56	M307	Z	-0.689	-0.689	0	%100
57	M308	X	0	0	0	%100
58	M308	Z	-1.735	-1.735	0	%100
59	M309	X	0	0	0	%100
60	M309	Z	-0.614	-0.614	0	%100
61	M310	X	0	0	0	%100
62	M310	Z	-1.715	-1.715	0	%100
63	M311	X	0	0	0	%100
64	M311	Z	-0.527	-0.527	0	%100
65	M312	X	0	0	0	%100
66	M312	Z	-1.699	-1.699	0	%100
67	M313	X	0	0	0	%100
68	M313	Z	-1.682	-1.682	0	%100
69	M316	X	0	0	0	%100
70	M316	Z	0	0	0	%100
71	M317	X	0	0	0	%100
72	M317	Z	0	0	0	%100
73	M318	X	0	0	0	%100
74	M318	Z	0	0	0	%100
75	M319	X	0	0	0	%100
76	M319	Z	0	0	0	%100
77	M320	X	0	0	0	%100
78	M320	Z	0	0	0	%100
79	M321	X	0	0	0	%100
80	M321	Z	0	0	0	%100
81	M322	X	0	0	0	%100
82	M322	Z	-0.924	-0.924	0	%100
83	M323A	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
84	M323A	Z	-1.865	-1.865	0 %100
85	M324A	X	0	0	0 %100
86	M324A	Z	-.963	-.963	0 %100
87	M325A	X	0	0	0 %100
88	M325A	Z	-1.865	-1.865	0 %100
89	M326A	X	0	0	0 %100
90	M326A	Z	0	0	0 %100
91	M327A	X	0	0	0 %100
92	M327A	Z	0	0	0 %100
93	M332B	X	0	0	0 %100
94	M332B	Z	-.251	-.251	0 %100
95	M333A	X	0	0	0 %100
96	M333A	Z	0	0	0 %100
97	M334A	X	0	0	0 %100
98	M334A	Z	0	0	0 %100
99	M335A	X	0	0	0 %100
100	M335A	Z	-.077	-.077	0 %100
101	M336	X	0	0	0 %100
102	M336	Z	0	0	0 %100
103	M337	X	0	0	0 %100
104	M337	Z	0	0	0 %100
105	M338	X	0	0	0 %100
106	M338	Z	-.076	-.076	0 %100
107	M339	X	0	0	0 %100
108	M339	Z	-.25	-.25	0 %100
109	M344	X	0	0	0 %100
110	M344	Z	-.491	-.491	0 %100
111	M345	X	0	0	0 %100
112	M345	Z	-.251	-.251	0 %100
113	MP1A	X	0	0	0 %100
114	MP1A	Z	-4.41	-4.41	0 %100
115	MP2A	X	0	0	0 %100
116	MP2A	Z	-4.41	-4.41	0 %100
117	MP3A	X	0	0	0 %100
118	MP3A	Z	-4.41	-4.41	0 %100
119	MP4A	X	0	0	0 %100
120	MP4A	Z	-4.41	-4.41	0 %100
121	M344A	X	0	0	0 %100
122	M344A	Z	-4.058	-4.058	0 %100
123	M138	X	0	0	0 %100
124	M138	Z	-.3	-.3	0 %100
125	M139	X	0	0	0 %100
126	M139	Z	-4.177	-4.177	0 %100
127	M140	X	0	0	0 %100
128	M140	Z	0	0	0 %100
129	M141	X	0	0	0 %100
130	M141	Z	-3.203	-3.203	0 %100
131	M142	X	0	0	0 %100
132	M142	Z	-2.796	-2.796	0 %100
133	M143	X	0	0	0 %100
134	M143	Z	-2.655	-2.655	0 %100
135	M144	X	0	0	0 %100
136	M144	Z	-2.602	-2.602	0 %100
137	M145	X	0	0	0 %100
138	M145	Z	-.889	-.889	0 %100
139	M146	X	0	0	0 %100
140	M146	Z	-.832	-.832	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, %]
141	M147	X	0	0	%100
142	M147	Z	-0.773	-0.773	%100
143	M148	X	0	0	%100
144	M148	Z	-0.889	-0.889	%100
145	M149	X	0	0	%100
146	M149	Z	-0.832	-0.832	%100
147	M150	X	0	0	%100
148	M150	Z	-0.773	-0.773	%100
149	M171	X	0	0	%100
150	M171	Z	-1.35	-1.35	%100
151	M172	X	0	0	%100
152	M172	Z	-1.309	-1.309	%100
153	M173	X	0	0	%100
154	M173	Z	-1.451	-1.451	%100
155	M174	X	0	0	%100
156	M174	Z	-1.352	-1.352	%100
157	M175	X	0	0	%100
158	M175	Z	-1.775	-1.775	%100
159	M176	X	0	0	%100
160	M176	Z	-1.685	-1.685	%100
161	M177A	X	0	0	%100
162	M177A	Z	-1.842	-1.842	%100
163	M178	X	0	0	%100
164	M178	Z	-1.725	-1.725	%100
165	M179	X	0	0	%100
166	M179	Z	-2.21	-2.21	%100
167	M181	X	0	0	%100
168	M181	Z	-2.009	-2.009	%100
169	M182	X	0	0	%100
170	M182	Z	-2.14	-2.14	%100
171	M183	X	0	0	%100
172	M183	Z	-1.918	-1.918	%100
173	M184	X	0	0	%100
174	M184	Z	-2.09	-2.09	%100
175	M185	X	0	0	%100
176	M185	Z	-1.834	-1.834	%100
177	M186	X	0	0	%100
178	M186	Z	-2.043	-2.043	%100
179	M187	X	0	0	%100
180	M187	Z	-1.791	-1.791	%100
181	M188	X	0	0	%100
182	M188	Z	-2.019	-2.019	%100
183	M189	X	0	0	%100
184	M189	Z	-1.748	-1.748	%100
185	M190	X	0	0	%100
186	M190	Z	-1.999	-1.999	%100
187	M191	X	0	0	%100
188	M191	Z	-1.992	-1.992	%100
189	M194	X	0	0	%100
190	M194	Z	-1.274	-1.274	%100
191	M195	X	0	0	%100
192	M195	Z	-1.268	-1.268	%100
193	M196	X	0	0	%100
194	M196	Z	-1.755	-1.755	%100
195	M197	X	0	0	%100
196	M197	Z	-1.743	-1.743	%100
197	M198	X	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
198	M198	Z	-1.756	-1.756	0 %100
199	M199	X	0	0	0 %100
200	M199	Z	-1.743	-1.743	0 %100
201	M200	X	0	0	0 %100
202	M200	Z	-2.095	-2.095	0 %100
203	M201	X	0	0	0 %100
204	M201	Z	-2.21	-2.21	0 %100
205	M202	X	0	0	0 %100
206	M202	Z	-2.096	-2.096	0 %100
207	M203	X	0	0	0 %100
208	M203	Z	-2.21	-2.21	0 %100
209	M204	X	0	0	0 %100
210	M204	Z	-1.341	-1.341	0 %100
211	M205	X	0	0	0 %100
212	M205	Z	-1.335	-1.335	0 %100
213	M210	X	0	0	0 %100
214	M210	Z	-1.309	-1.309	0 %100
215	M211	X	0	0	0 %100
216	M211	Z	-1.314	-1.314	0 %100
217	M212	X	0	0	0 %100
218	M212	Z	-1.698	-1.698	0 %100
219	M213	X	0	0	0 %100
220	M213	Z	-1.716	-1.716	0 %100
221	M214	X	0	0	0 %100
222	M214	Z	-1.31	-1.31	0 %100
223	M215	X	0	0	0 %100
224	M215	Z	-1.687	-1.687	0 %100
225	M216	X	0	0	0 %100
226	M216	Z	-1.711	-1.711	0 %100
227	M217	X	0	0	0 %100
228	M217	Z	-1.308	-1.308	0 %100
229	M218	X	0	0	0 %100
230	M218	Z	-1.718	-1.718	0 %100
231	M219	X	0	0	0 %100
232	M219	Z	-1.652	-1.652	0 %100
233	M241	X	0	0	0 %100
234	M241	Z	-4.177	-4.177	0 %100
235	M242	X	0	0	0 %100
236	M242	Z	-.3	-.3	0 %100
237	M243	X	0	0	0 %100
238	M243	Z	-3.203	-3.203	0 %100
239	M244	X	0	0	0 %100
240	M244	Z	0	0	0 %100
241	M245	X	0	0	0 %100
242	M245	Z	-2.796	-2.796	0 %100
243	M246	X	0	0	0 %100
244	M246	Z	-2.602	-2.602	0 %100
245	M247	X	0	0	0 %100
246	M247	Z	-2.655	-2.655	0 %100
247	M248	X	0	0	0 %100
248	M248	Z	-.889	-.889	0 %100
249	M249	X	0	0	0 %100
250	M249	Z	-.832	-.832	0 %100
251	M250	X	0	0	0 %100
252	M250	Z	-.773	-.773	0 %100
253	M251	X	0	0	0 %100
254	M251	Z	-.889	-.889	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, %]	
255	M252	X	0	0	0	%100
256	M252	Z	-0.832	-0.832	0	%100
257	M253	X	0	0	0	%100
258	M253	Z	-0.773	-0.773	0	%100
259	M274	X	0	0	0	%100
260	M274	Z	-1.35	-1.35	0	%100
261	M275	X	0	0	0	%100
262	M275	Z	-1.309	-1.309	0	%100
263	M276	X	0	0	0	%100
264	M276	Z	-1.451	-1.451	0	%100
265	M277	X	0	0	0	%100
266	M277	Z	-1.352	-1.352	0	%100
267	M278	X	0	0	0	%100
268	M278	Z	-1.775	-1.775	0	%100
269	M279	X	0	0	0	%100
270	M279	Z	-1.685	-1.685	0	%100
271	M280	X	0	0	0	%100
272	M280	Z	-1.842	-1.842	0	%100
273	M281	X	0	0	0	%100
274	M281	Z	-1.725	-1.725	0	%100
275	M282	X	0	0	0	%100
276	M282	Z	-2.21	-2.21	0	%100
277	M284	X	0	0	0	%100
278	M284	Z	-2.009	-2.009	0	%100
279	M285	X	0	0	0	%100
280	M285	Z	-2.14	-2.14	0	%100
281	M286	X	0	0	0	%100
282	M286	Z	-1.918	-1.918	0	%100
283	M287	X	0	0	0	%100
284	M287	Z	-2.09	-2.09	0	%100
285	M288	X	0	0	0	%100
286	M288	Z	-1.834	-1.834	0	%100
287	M289	X	0	0	0	%100
288	M289	Z	-2.043	-2.043	0	%100
289	M290	X	0	0	0	%100
290	M290	Z	-1.791	-1.791	0	%100
291	M291	X	0	0	0	%100
292	M291	Z	-2.019	-2.019	0	%100
293	M292	X	0	0	0	%100
294	M292	Z	-1.748	-1.748	0	%100
295	M293	X	0	0	0	%100
296	M293	Z	-1.999	-1.999	0	%100
297	M294	X	0	0	0	%100
298	M294	Z	-1.992	-1.992	0	%100
299	M297	X	0	0	0	%100
300	M297	Z	-1.274	-1.274	0	%100
301	M298	X	0	0	0	%100
302	M298	Z	-1.268	-1.268	0	%100
303	M299	X	0	0	0	%100
304	M299	Z	-1.755	-1.755	0	%100
305	M300	X	0	0	0	%100
306	M300	Z	-1.743	-1.743	0	%100
307	M301	X	0	0	0	%100
308	M301	Z	-1.756	-1.756	0	%100
309	M302	X	0	0	0	%100
310	M302	Z	-1.743	-1.743	0	%100
311	M303	X	0	0	0	%100





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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
312	M303	Z	-2.095	-2.095	0 %100
313	M304	X	0	0	0 %100
314	M304	Z	-2.21	-2.21	0 %100
315	M305	X	0	0	0 %100
316	M305	Z	-2.096	-2.096	0 %100
317	M306	X	0	0	0 %100
318	M306	Z	-2.21	-2.21	0 %100
319	M307A	X	0	0	0 %100
320	M307A	Z	-1.341	-1.341	0 %100
321	M308A	X	0	0	0 %100
322	M308A	Z	-1.335	-1.335	0 %100
323	M313A	X	0	0	0 %100
324	M313A	Z	-1.309	-1.309	0 %100
325	M314A	X	0	0	0 %100
326	M314A	Z	-1.314	-1.314	0 %100
327	M315A	X	0	0	0 %100
328	M315A	Z	-1.698	-1.698	0 %100
329	M316A	X	0	0	0 %100
330	M316A	Z	-1.716	-1.716	0 %100
331	M317A	X	0	0	0 %100
332	M317A	Z	-1.31	-1.31	0 %100
333	M318A	X	0	0	0 %100
334	M318A	Z	-1.687	-1.687	0 %100
335	M319A	X	0	0	0 %100
336	M319A	Z	-1.711	-1.711	0 %100
337	M320A	X	0	0	0 %100
338	M320A	Z	-1.308	-1.308	0 %100
339	M321A	X	0	0	0 %100
340	M321A	Z	-1.718	-1.718	0 %100
341	M322A	X	0	0	0 %100
342	M322A	Z	-1.652	-1.652	0 %100
343	M327	X	0	0	0 %100
344	M327	Z	-1.103	-1.103	0 %100
345	MP1C	X	0	0	0 %100
346	MP1C	Z	-4.41	-4.41	0 %100
347	MP2C	X	0	0	0 %100
348	MP2C	Z	-4.41	-4.41	0 %100
349	MP3C	X	0	0	0 %100
350	MP3C	Z	-4.41	-4.41	0 %100
351	MP4C	X	0	0	0 %100
352	MP4C	Z	-4.41	-4.41	0 %100
353	M336A	X	0	0	0 %100
354	M336A	Z	-1.015	-1.015	0 %100
355	M342	X	0	0	0 %100
356	M342	Z	-1.103	-1.103	0 %100
357	MP1B	X	0	0	0 %100
358	MP1B	Z	-4.41	-4.41	0 %100
359	MP2B	X	0	0	0 %100
360	MP2B	Z	-4.41	-4.41	0 %100
361	MP3B	X	0	0	0 %100
362	MP3B	Z	-4.41	-4.41	0 %100
363	MP4B	X	0	0	0 %100
364	MP4B	Z	-4.41	-4.41	0 %100
365	M351	X	0	0	0 %100
366	M351	Z	-1.015	-1.015	0 %100
367	M356	X	0	0	0 %100
368	M356	Z	-2.832	-2.832	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.%,]
369	M359	X	0	0	0	%100
370	M359	Z	-993	-993	0	%100
371	M360	X	0	0	0	%100
372	M360	Z	-993	-993	0	%100
373	M361	X	0	0	0	%100
374	M361	Z	-3.972	-3.972	0	%100
375	M364	X	0	0	0	%100
376	M364	Z	-2.597	-2.597	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	M122	X	2.089	2.089	0	%100
2	M122	Z	-3.618	-3.618	0	%100
3	M123	X	.15	.15	0	%100
4	M123	Z	-.26	-.26	0	%100
5	M124	X	2.135	2.135	0	%100
6	M124	Z	-3.698	-3.698	0	%100
7	M125	X	.534	.534	0	%100
8	M125	Z	-.925	-.925	0	%100
9	M126	X	.466	.466	0	%100
10	M126	Z	-.807	-.807	0	%100
11	M127	X	.425	.425	0	%100
12	M127	Z	-.736	-.736	0	%100
13	M128	X	.451	.451	0	%100
14	M128	Z	-.782	-.782	0	%100
15	M129	X	1.334	1.334	0	%100
16	M129	Z	-2.311	-2.311	0	%100
17	M130	X	1.248	1.248	0	%100
18	M130	Z	-2.161	-2.161	0	%100
19	M131	X	1.16	1.16	0	%100
20	M131	Z	-2.009	-2.009	0	%100
21	M132	X	1.334	1.334	0	%100
22	M132	Z	-2.311	-2.311	0	%100
23	M133	X	1.248	1.248	0	%100
24	M133	Z	-2.161	-2.161	0	%100
25	M134	X	1.16	1.16	0	%100
26	M134	Z	-2.009	-2.009	0	%100
27	M177	X	1.654	1.654	0	%100
28	M177	Z	-2.865	-2.865	0	%100
29	M287A	X	.225	.225	0	%100
30	M287A	Z	-.39	-.39	0	%100
31	M289A	X	.218	.218	0	%100
32	M289A	Z	-.378	-.378	0	%100
33	M290A	X	.455	.455	0	%100
34	M290A	Z	-.787	-.787	0	%100
35	M292A	X	.365	.365	0	%100
36	M292A	Z	-.632	-.632	0	%100
37	M293A	X	.296	.296	0	%100
38	M293A	Z	-.512	-.512	0	%100
39	M295A	X	.281	.281	0	%100
40	M295A	Z	-.486	-.486	0	%100
41	M296A	X	.372	.372	0	%100
42	M296A	Z	-.645	-.645	0	%100
43	M298A	X	.331	.331	0	%100
44	M298A	Z	-.573	-.573	0	%100
45	M299A	X	.99	.99	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.%]
46	M299A	Z	-1.714	-1.714	0 %100
47	M301A	X	.65	.65	0 %100
48	M301A	Z	-1.127	-1.127	0 %100
49	M302A	X	.963	.963	0 %100
50	M302A	Z	-1.668	-1.668	0 %100
51	M305A	X	.61	.61	0 %100
52	M305A	Z	-1.057	-1.057	0 %100
53	M306A	X	.939	.939	0 %100
54	M306A	Z	-1.626	-1.626	0 %100
55	M307	X	.536	.536	0 %100
56	M307	Z	-.928	-.928	0 %100
57	M308	X	.919	.919	0 %100
58	M308	Z	-1.591	-1.591	0 %100
59	M309	X	.503	.503	0 %100
60	M309	Z	-.872	-.872	0 %100
61	M310	X	.908	.908	0 %100
62	M310	Z	-1.573	-1.573	0 %100
63	M311	X	.467	.467	0 %100
64	M311	Z	-.809	-.809	0 %100
65	M312	X	.899	.899	0 %100
66	M312	Z	-1.558	-1.558	0 %100
67	M313	X	.893	.893	0 %100
68	M313	Z	-1.546	-1.546	0 %100
69	M316	X	.212	.212	0 %100
70	M316	Z	-.368	-.368	0 %100
71	M317	X	.211	.211	0 %100
72	M317	Z	-.366	-.366	0 %100
73	M318	X	.293	.293	0 %100
74	M318	Z	-.507	-.507	0 %100
75	M319	X	.291	.291	0 %100
76	M319	Z	-.503	-.503	0 %100
77	M320	X	.293	.293	0 %100
78	M320	Z	-.507	-.507	0 %100
79	M321	X	.291	.291	0 %100
80	M321	Z	-.503	-.503	0 %100
81	M322	X	.657	.657	0 %100
82	M322	Z	-1.138	-1.138	0 %100
83	M323A	X	.99	.99	0 %100
84	M323A	Z	-1.714	-1.714	0 %100
85	M324A	X	.67	.67	0 %100
86	M324A	Z	-1.161	-1.161	0 %100
87	M325A	X	.99	.99	0 %100
88	M325A	Z	-1.714	-1.714	0 %100
89	M326A	X	.223	.223	0 %100
90	M326A	Z	-.387	-.387	0 %100
91	M327A	X	.222	.222	0 %100
92	M327A	Z	-.385	-.385	0 %100
93	M332B	X	.302	.302	0 %100
94	M332B	Z	-.523	-.523	0 %100
95	M333A	X	.219	.219	0 %100
96	M333A	Z	-.379	-.379	0 %100
97	M334A	X	.283	.283	0 %100
98	M334A	Z	-.49	-.49	0 %100
99	M335A	X	.312	.312	0 %100
100	M335A	Z	-.54	-.54	0 %100
101	M336	X	.218	.218	0 %100
102	M336	Z	-.378	-.378	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, %]
103	M337	X	.281	.281	0 %100
104	M337	Z	-.487	-.487	0 %100
105	M338	X	.311	.311	0 %100
106	M338	Z	-.538	-.538	0 %100
107	M339	X	.301	.301	0 %100
108	M339	Z	-.522	-.522	0 %100
109	M344	X	.45	.45	0 %100
110	M344	Z	-.78	-.78	0 %100
111	M345	X	.359	.359	0 %100
112	M345	Z	-.622	-.622	0 %100
113	MP1A	X	2.205	2.205	0 %100
114	MP1A	Z	-3.82	-3.82	0 %100
115	MP2A	X	2.205	2.205	0 %100
116	MP2A	Z	-3.82	-3.82	0 %100
117	MP3A	X	2.205	2.205	0 %100
118	MP3A	Z	-3.82	-3.82	0 %100
119	MP4A	X	2.205	2.205	0 %100
120	MP4A	Z	-3.82	-3.82	0 %100
121	M344A	X	1.522	1.522	0 %100
122	M344A	Z	-2.636	-2.636	0 %100
123	M138	X	.15	.15	0 %100
124	M138	Z	-.26	-.26	0 %100
125	M139	X	2.089	2.089	0 %100
126	M139	Z	-3.618	-3.618	0 %100
127	M140	X	.534	.534	0 %100
128	M140	Z	-.925	-.925	0 %100
129	M141	X	2.135	2.135	0 %100
130	M141	Z	-3.698	-3.698	0 %100
131	M142	X	.466	.466	0 %100
132	M142	Z	-.807	-.807	0 %100
133	M143	X	.451	.451	0 %100
134	M143	Z	-.782	-.782	0 %100
135	M144	X	.425	.425	0 %100
136	M144	Z	-.736	-.736	0 %100
137	M145	X	1.334	1.334	0 %100
138	M145	Z	-2.311	-2.311	0 %100
139	M146	X	1.248	1.248	0 %100
140	M146	Z	-2.161	-2.161	0 %100
141	M147	X	1.16	1.16	0 %100
142	M147	Z	-2.009	-2.009	0 %100
143	M148	X	1.334	1.334	0 %100
144	M148	Z	-2.311	-2.311	0 %100
145	M149	X	1.248	1.248	0 %100
146	M149	Z	-2.161	-2.161	0 %100
147	M150	X	1.16	1.16	0 %100
148	M150	Z	-2.009	-2.009	0 %100
149	M171	X	.225	.225	0 %100
150	M171	Z	-.39	-.39	0 %100
151	M172	X	.218	.218	0 %100
152	M172	Z	-.378	-.378	0 %100
153	M173	X	.455	.455	0 %100
154	M173	Z	-.787	-.787	0 %100
155	M174	X	.365	.365	0 %100
156	M174	Z	-.632	-.632	0 %100
157	M175	X	.296	.296	0 %100
158	M175	Z	-.512	-.512	0 %100
159	M176	X	.281	.281	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, %]
160	M176	Z	-.486	-.486	0 %100
161	M177A	X	.372	.372	0 %100
162	M177A	Z	-.645	-.645	0 %100
163	M178	X	.331	.331	0 %100
164	M178	Z	-.573	-.573	0 %100
165	M179	X	.99	.99	0 %100
166	M179	Z	-1.714	-1.714	0 %100
167	M181	X	.65	.65	0 %100
168	M181	Z	-1.127	-1.127	0 %100
169	M182	X	.963	.963	0 %100
170	M182	Z	-1.668	-1.668	0 %100
171	M183	X	.61	.61	0 %100
172	M183	Z	-1.057	-1.057	0 %100
173	M184	X	.939	.939	0 %100
174	M184	Z	-1.626	-1.626	0 %100
175	M185	X	.536	.536	0 %100
176	M185	Z	-.928	-.928	0 %100
177	M186	X	.919	.919	0 %100
178	M186	Z	-1.591	-1.591	0 %100
179	M187	X	.503	.503	0 %100
180	M187	Z	-.872	-.872	0 %100
181	M188	X	.908	.908	0 %100
182	M188	Z	-1.573	-1.573	0 %100
183	M189	X	.467	.467	0 %100
184	M189	Z	-.809	-.809	0 %100
185	M190	X	.899	.899	0 %100
186	M190	Z	-1.558	-1.558	0 %100
187	M191	X	.893	.893	0 %100
188	M191	Z	-1.546	-1.546	0 %100
189	M194	X	.212	.212	0 %100
190	M194	Z	-.368	-.368	0 %100
191	M195	X	.211	.211	0 %100
192	M195	Z	-.366	-.366	0 %100
193	M196	X	.293	.293	0 %100
194	M196	Z	-.507	-.507	0 %100
195	M197	X	.291	.291	0 %100
196	M197	Z	-.503	-.503	0 %100
197	M198	X	.293	.293	0 %100
198	M198	Z	-.507	-.507	0 %100
199	M199	X	.291	.291	0 %100
200	M199	Z	-.503	-.503	0 %100
201	M200	X	.657	.657	0 %100
202	M200	Z	-1.138	-1.138	0 %100
203	M201	X	.99	.99	0 %100
204	M201	Z	-1.714	-1.714	0 %100
205	M202	X	.67	.67	0 %100
206	M202	Z	-1.161	-1.161	0 %100
207	M203	X	.99	.99	0 %100
208	M203	Z	-1.714	-1.714	0 %100
209	M204	X	.223	.223	0 %100
210	M204	Z	-.387	-.387	0 %100
211	M205	X	.222	.222	0 %100
212	M205	Z	-.385	-.385	0 %100
213	M210	X	.302	.302	0 %100
214	M210	Z	-.523	-.523	0 %100
215	M211	X	.219	.219	0 %100
216	M211	Z	-.379	-.379	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, %]
217	M212	X	.283	.283	0 %100
218	M212	Z	-.49	-.49	0 %100
219	M213	X	.312	.312	0 %100
220	M213	Z	-.54	-.54	0 %100
221	M214	X	.218	.218	0 %100
222	M214	Z	-.378	-.378	0 %100
223	M215	X	.281	.281	0 %100
224	M215	Z	-.487	-.487	0 %100
225	M216	X	.311	.311	0 %100
226	M216	Z	-.538	-.538	0 %100
227	M217	X	.301	.301	0 %100
228	M217	Z	-.522	-.522	0 %100
229	M218	X	.45	.45	0 %100
230	M218	Z	-.78	-.78	0 %100
231	M219	X	.359	.359	0 %100
232	M219	Z	-.622	-.622	0 %100
233	M241	X	1.119	1.119	0 %100
234	M241	Z	-1.939	-1.939	0 %100
235	M242	X	1.119	1.119	0 %100
236	M242	Z	-1.939	-1.939	0 %100
237	M243	X	.534	.534	0 %100
238	M243	Z	-.925	-.925	0 %100
239	M244	X	.534	.534	0 %100
240	M244	Z	-.925	-.925	0 %100
241	M245	X	1.864	1.864	0 %100
242	M245	Z	-3.228	-3.228	0 %100
243	M246	X	1.752	1.752	0 %100
244	M246	Z	-3.035	-3.035	0 %100
245	M247	X	1.752	1.752	0 %100
246	M247	Z	-3.035	-3.035	0 %100
247	M248	X	0	0	0 %100
248	M248	Z	0	0	0 %100
249	M249	X	0	0	0 %100
250	M249	Z	0	0	0 %100
251	M250	X	0	0	0 %100
252	M250	Z	0	0	0 %100
253	M251	X	0	0	0 %100
254	M251	Z	0	0	0 %100
255	M252	X	0	0	0 %100
256	M252	Z	0	0	0 %100
257	M253	X	0	0	0 %100
258	M253	Z	0	0	0 %100
259	M274	X	.9	.9	0 %100
260	M274	Z	-1.559	-1.559	0 %100
261	M275	X	.873	.873	0 %100
262	M275	Z	-1.511	-1.511	0 %100
263	M276	X	.861	.861	0 %100
264	M276	Z	-1.491	-1.491	0 %100
265	M277	X	.831	.831	0 %100
266	M277	Z	-1.44	-1.44	0 %100
267	M278	X	1.183	1.183	0 %100
268	M278	Z	-2.049	-2.049	0 %100
269	M279	X	1.123	1.123	0 %100
270	M279	Z	-1.946	-1.946	0 %100
271	M280	X	1.195	1.195	0 %100
272	M280	Z	-2.07	-2.07	0 %100
273	M281	X	1.128	1.128	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.%]
274	M281	Z	-1.954	-1.954	0 %100
275	M282	X	1.162	1.162	0 %100
276	M282	Z	-2.013	-2.013	0 %100
277	M284	X	1.181	1.181	0 %100
278	M284	Z	-2.046	-2.046	0 %100
279	M285	X	1.124	1.124	0 %100
280	M285	Z	-1.946	-1.946	0 %100
281	M286	X	1.133	1.133	0 %100
282	M286	Z	-1.962	-1.962	0 %100
283	M287	X	1.098	1.098	0 %100
284	M287	Z	-1.902	-1.902	0 %100
285	M288	X	1.108	1.108	0 %100
286	M288	Z	-1.919	-1.919	0 %100
287	M289	X	1.073	1.073	0 %100
288	M289	Z	-1.859	-1.859	0 %100
289	M290	X	1.091	1.091	0 %100
290	M290	Z	-1.89	-1.89	0 %100
291	M291	X	1.06	1.06	0 %100
292	M291	Z	-1.836	-1.836	0 %100
293	M292	X	1.077	1.077	0 %100
294	M292	Z	-1.866	-1.866	0 %100
295	M293	X	1.049	1.049	0 %100
296	M293	Z	-1.818	-1.818	0 %100
297	M294	X	1.048	1.048	0 %100
298	M294	Z	-1.815	-1.815	0 %100
299	M297	X	.849	.849	0 %100
300	M297	Z	-1.471	-1.471	0 %100
301	M298	X	.845	.845	0 %100
302	M298	Z	-1.464	-1.464	0 %100
303	M299	X	1.17	1.17	0 %100
304	M299	Z	-2.027	-2.027	0 %100
305	M300	X	1.162	1.162	0 %100
306	M300	Z	-2.013	-2.013	0 %100
307	M301	X	1.17	1.17	0 %100
308	M301	Z	-2.027	-2.027	0 %100
309	M302	X	1.162	1.162	0 %100
310	M302	Z	-2.013	-2.013	0 %100
311	M303	X	1.242	1.242	0 %100
312	M303	Z	-2.152	-2.152	0 %100
313	M304	X	1.162	1.162	0 %100
314	M304	Z	-2.013	-2.013	0 %100
315	M305	X	1.237	1.237	0 %100
316	M305	Z	-2.142	-2.142	0 %100
317	M306	X	1.162	1.162	0 %100
318	M306	Z	-2.013	-2.013	0 %100
319	M307A	X	.894	.894	0 %100
320	M307A	Z	-1.548	-1.548	0 %100
321	M308A	X	.89	.89	0 %100
322	M308A	Z	-1.541	-1.541	0 %100
323	M313A	X	.831	.831	0 %100
324	M313A	Z	-1.439	-1.439	0 %100
325	M314A	X	.876	.876	0 %100
326	M314A	Z	-1.517	-1.517	0 %100
327	M315A	X	1.132	1.132	0 %100
328	M315A	Z	-1.96	-1.96	0 %100
329	M316A	X	1.131	1.131	0 %100
330	M316A	Z	-1.96	-1.96	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, %]
8	M125	Z	0	0	0	%100
9	M126	X	2.421	2.421	0	%100
10	M126	Z	-1.398	-1.398	0	%100
11	M127	X	2.254	2.254	0	%100
12	M127	Z	-1.301	-1.301	0	%100
13	M128	X	2.299	2.299	0	%100
14	M128	Z	-1.328	-1.328	0	%100
15	M129	X	.77	.77	0	%100
16	M129	Z	-.445	-.445	0	%100
17	M130	X	.72	.72	0	%100
18	M130	Z	-.416	-.416	0	%100
19	M131	X	.67	.67	0	%100
20	M131	Z	-.387	-.387	0	%100
21	M132	X	.77	.77	0	%100
22	M132	Z	-.445	-.445	0	%100
23	M133	X	.72	.72	0	%100
24	M133	Z	-.416	-.416	0	%100
25	M134	X	.67	.67	0	%100
26	M134	Z	-.387	-.387	0	%100
27	M177	X	.955	.955	0	%100
28	M177	Z	-.551	-.551	0	%100
29	M287A	X	1.169	1.169	0	%100
30	M287A	Z	-.675	-.675	0	%100
31	M289A	X	1.134	1.134	0	%100
32	M289A	Z	-.654	-.654	0	%100
33	M290A	X	1.257	1.257	0	%100
34	M290A	Z	-.726	-.726	0	%100
35	M292A	X	1.171	1.171	0	%100
36	M292A	Z	-.676	-.676	0	%100
37	M293A	X	1.537	1.537	0	%100
38	M293A	Z	-.887	-.887	0	%100
39	M295A	X	1.459	1.459	0	%100
40	M295A	Z	-.843	-.843	0	%100
41	M296A	X	1.595	1.595	0	%100
42	M296A	Z	-.921	-.921	0	%100
43	M298A	X	1.494	1.494	0	%100
44	M298A	Z	-.862	-.862	0	%100
45	M299A	X	1.914	1.914	0	%100
46	M299A	Z	-1.105	-1.105	0	%100
47	M301A	X	1.739	1.739	0	%100
48	M301A	Z	-1.004	-1.004	0	%100
49	M302A	X	1.853	1.853	0	%100
50	M302A	Z	-1.07	-1.07	0	%100
51	M305A	X	1.661	1.661	0	%100
52	M305A	Z	-.959	-.959	0	%100
53	M306A	X	1.81	1.81	0	%100
54	M306A	Z	-1.045	-1.045	0	%100
55	M307	X	1.588	1.588	0	%100
56	M307	Z	-.917	-.917	0	%100
57	M308	X	1.769	1.769	0	%100
58	M308	Z	-1.022	-1.022	0	%100
59	M309	X	1.551	1.551	0	%100
60	M309	Z	-.895	-.895	0	%100
61	M310	X	1.749	1.749	0	%100
62	M310	Z	-1.01	-1.01	0	%100
63	M311	X	1.514	1.514	0	%100
64	M311	Z	-.874	-.874	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, %]
65	M312	X	1.731	1.731	0 %100
66	M312	Z	-999	-999	0 %100
67	M313	X	1.725	1.725	0 %100
68	M313	Z	-996	-996	0 %100
69	M316	X	1.103	1.103	0 %100
70	M316	Z	-637	-637	0 %100
71	M317	X	1.098	1.098	0 %100
72	M317	Z	-634	-634	0 %100
73	M318	X	1.52	1.52	0 %100
74	M318	Z	-878	-878	0 %100
75	M319	X	1.51	1.51	0 %100
76	M319	Z	-872	-872	0 %100
77	M320	X	1.52	1.52	0 %100
78	M320	Z	-878	-878	0 %100
79	M321	X	1.51	1.51	0 %100
80	M321	Z	-872	-872	0 %100
81	M322	X	1.814	1.814	0 %100
82	M322	Z	-1.047	-1.047	0 %100
83	M323A	X	1.914	1.914	0 %100
84	M323A	Z	-1.105	-1.105	0 %100
85	M324A	X	1.815	1.815	0 %100
86	M324A	Z	-1.048	-1.048	0 %100
87	M325A	X	1.914	1.914	0 %100
88	M325A	Z	-1.105	-1.105	0 %100
89	M326A	X	1.161	1.161	0 %100
90	M326A	Z	-67	-67	0 %100
91	M327A	X	1.156	1.156	0 %100
92	M327A	Z	-667	-667	0 %100
93	M332B	X	1.134	1.134	0 %100
94	M332B	Z	-655	-655	0 %100
95	M333A	X	1.138	1.138	0 %100
96	M333A	Z	-657	-657	0 %100
97	M334A	X	1.47	1.47	0 %100
98	M334A	Z	-849	-849	0 %100
99	M335A	X	1.486	1.486	0 %100
100	M335A	Z	-858	-858	0 %100
101	M336	X	1.134	1.134	0 %100
102	M336	Z	-655	-655	0 %100
103	M337	X	1.461	1.461	0 %100
104	M337	Z	-844	-844	0 %100
105	M338	X	1.482	1.482	0 %100
106	M338	Z	-855	-855	0 %100
107	M339	X	1.133	1.133	0 %100
108	M339	Z	-654	-654	0 %100
109	M344	X	1.488	1.488	0 %100
110	M344	Z	-859	-859	0 %100
111	M345	X	1.431	1.431	0 %100
112	M345	Z	-826	-826	0 %100
113	MP1A	X	3.82	3.82	0 %100
114	MP1A	Z	-2.205	-2.205	0 %100
115	MP2A	X	3.82	3.82	0 %100
116	MP2A	Z	-2.205	-2.205	0 %100
117	MP3A	X	3.82	3.82	0 %100
118	MP3A	Z	-2.205	-2.205	0 %100
119	MP4A	X	3.82	3.82	0 %100
120	MP4A	Z	-2.205	-2.205	0 %100
121	M344A	X	.879	.879	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, %]
122	M344A	Z	-.507	-.507	0 %100
123	M138	X	1.939	1.939	0 %100
124	M138	Z	-1.119	-1.119	0 %100
125	M139	X	1.939	1.939	0 %100
126	M139	Z	-1.119	-1.119	0 %100
127	M140	X	2.774	2.774	0 %100
128	M140	Z	-1.601	-1.601	0 %100
129	M141	X	2.774	2.774	0 %100
130	M141	Z	-1.601	-1.601	0 %100
131	M142	X	0	0	0 %100
132	M142	Z	0	0	0 %100
133	M143	X	.000228	.000228	0 %100
134	M143	Z	-.000132	-.000132	0 %100
135	M144	X	.000228	.000228	0 %100
136	M144	Z	-.000132	-.000132	0 %100
137	M145	X	3.081	3.081	0 %100
138	M145	Z	-1.779	-1.779	0 %100
139	M146	X	2.882	2.882	0 %100
140	M146	Z	-1.664	-1.664	0 %100
141	M147	X	2.678	2.678	0 %100
142	M147	Z	-1.546	-1.546	0 %100
143	M148	X	3.081	3.081	0 %100
144	M148	Z	-1.779	-1.779	0 %100
145	M149	X	2.882	2.882	0 %100
146	M149	Z	-1.664	-1.664	0 %100
147	M150	X	2.678	2.678	0 %100
148	M150	Z	-1.546	-1.546	0 %100
149	M171	X	0	0	0 %100
150	M171	Z	0	0	0 %100
151	M172	X	0	0	0 %100
152	M172	Z	0	0	0 %100
153	M173	X	.553	.553	0 %100
154	M173	Z	-.319	-.319	0 %100
155	M174	X	.363	.363	0 %100
156	M174	Z	-.21	-.21	0 %100
157	M175	X	0	0	0 %100
158	M175	Z	0	0	0 %100
159	M176	X	0	0	0 %100
160	M176	Z	0	0	0 %100
161	M177A	X	.17	.17	0 %100
162	M177A	Z	-.098	-.098	0 %100
163	M178	X	.113	.113	0 %100
164	M178	Z	-.065	-.065	0 %100
165	M179	X	1.615	1.615	0 %100
166	M179	Z	-.932	-.932	0 %100
167	M181	X	.82	.82	0 %100
168	M181	Z	-.474	-.474	0 %100
169	M182	X	1.575	1.575	0 %100
170	M182	Z	-.909	-.909	0 %100
171	M183	X	.756	.756	0 %100
172	M183	Z	-.436	-.436	0 %100
173	M184	X	1.534	1.534	0 %100
174	M184	Z	-.886	-.886	0 %100
175	M185	X	.597	.597	0 %100
176	M185	Z	-.345	-.345	0 %100
177	M186	X	1.502	1.502	0 %100
178	M186	Z	-.867	-.867	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.%,]
179	M187	X	.532	.532	0 %100
180	M187	Z	-.307	-.307	0 %100
181	M188	X	1.485	1.485	0 %100
182	M188	Z	-.858	-.858	0 %100
183	M189	X	.456	.456	0 %100
184	M189	Z	-.263	-.263	0 %100
185	M190	X	1.471	1.471	0 %100
186	M190	Z	-.849	-.849	0 %100
187	M191	X	1.457	1.457	0 %100
188	M191	Z	-.841	-.841	0 %100
189	M194	X	0	0	0 %100
190	M194	Z	0	0	0 %100
191	M195	X	0	0	0 %100
192	M195	Z	0	0	0 %100
193	M196	X	0	0	0 %100
194	M196	Z	0	0	0 %100
195	M197	X	0	0	0 %100
196	M197	Z	0	0	0 %100
197	M198	X	0	0	0 %100
198	M198	Z	0	0	0 %100
199	M199	X	0	0	0 %100
200	M199	Z	0	0	0 %100
201	M200	X	.8	.8	0 %100
202	M200	Z	-.462	-.462	0 %100
203	M201	X	1.615	1.615	0 %100
204	M201	Z	-.932	-.932	0 %100
205	M202	X	.834	.834	0 %100
206	M202	Z	-.482	-.482	0 %100
207	M203	X	1.615	1.615	0 %100
208	M203	Z	-.932	-.932	0 %100
209	M204	X	0	0	0 %100
210	M204	Z	0	0	0 %100
211	M205	X	0	0	0 %100
212	M205	Z	0	0	0 %100
213	M210	X	.217	.217	0 %100
214	M210	Z	-.126	-.126	0 %100
215	M211	X	0	0	0 %100
216	M211	Z	0	0	0 %100
217	M212	X	0	0	0 %100
218	M212	Z	0	0	0 %100
219	M213	X	.067	.067	0 %100
220	M213	Z	-.039	-.039	0 %100
221	M214	X	0	0	0 %100
222	M214	Z	0	0	0 %100
223	M215	X	0	0	0 %100
224	M215	Z	0	0	0 %100
225	M216	X	.066	.066	0 %100
226	M216	Z	-.038	-.038	0 %100
227	M217	X	.217	.217	0 %100
228	M217	Z	-.125	-.125	0 %100
229	M218	X	.426	.426	0 %100
230	M218	Z	-.246	-.246	0 %100
231	M219	X	.217	.217	0 %100
232	M219	Z	-.125	-.125	0 %100
233	M241	X	.26	.26	0 %100
234	M241	Z	-.15	-.15	0 %100
235	M242	X	3.618	3.618	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, %]
236	M242	Z	-2.089	-2.089	0 %100
237	M243	X	0	0	0 %100
238	M243	Z	0	0	0 %100
239	M244	X	2.774	2.774	0 %100
240	M244	Z	-1.601	-1.601	0 %100
241	M245	X	2.421	2.421	0 %100
242	M245	Z	-1.398	-1.398	0 %100
243	M246	X	2.299	2.299	0 %100
244	M246	Z	-1.328	-1.328	0 %100
245	M247	X	2.254	2.254	0 %100
246	M247	Z	-1.301	-1.301	0 %100
247	M248	X	.77	.77	0 %100
248	M248	Z	-.445	-.445	0 %100
249	M249	X	.72	.72	0 %100
250	M249	Z	-.416	-.416	0 %100
251	M250	X	.67	.67	0 %100
252	M250	Z	-.387	-.387	0 %100
253	M251	X	.77	.77	0 %100
254	M251	Z	-.445	-.445	0 %100
255	M252	X	.72	.72	0 %100
256	M252	Z	-.416	-.416	0 %100
257	M253	X	.67	.67	0 %100
258	M253	Z	-.387	-.387	0 %100
259	M274	X	1.169	1.169	0 %100
260	M274	Z	-.675	-.675	0 %100
261	M275	X	1.134	1.134	0 %100
262	M275	Z	-.654	-.654	0 %100
263	M276	X	1.257	1.257	0 %100
264	M276	Z	-.726	-.726	0 %100
265	M277	X	1.171	1.171	0 %100
266	M277	Z	-.676	-.676	0 %100
267	M278	X	1.537	1.537	0 %100
268	M278	Z	-.887	-.887	0 %100
269	M279	X	1.459	1.459	0 %100
270	M279	Z	-.843	-.843	0 %100
271	M280	X	1.595	1.595	0 %100
272	M280	Z	-.921	-.921	0 %100
273	M281	X	1.494	1.494	0 %100
274	M281	Z	-.862	-.862	0 %100
275	M282	X	1.914	1.914	0 %100
276	M282	Z	-1.105	-1.105	0 %100
277	M284	X	1.739	1.739	0 %100
278	M284	Z	-1.004	-1.004	0 %100
279	M285	X	1.853	1.853	0 %100
280	M285	Z	-1.07	-1.07	0 %100
281	M286	X	1.661	1.661	0 %100
282	M286	Z	-.959	-.959	0 %100
283	M287	X	1.81	1.81	0 %100
284	M287	Z	-1.045	-1.045	0 %100
285	M288	X	1.588	1.588	0 %100
286	M288	Z	-.917	-.917	0 %100
287	M289	X	1.769	1.769	0 %100
288	M289	Z	-1.022	-1.022	0 %100
289	M290	X	1.551	1.551	0 %100
290	M290	Z	-.895	-.895	0 %100
291	M291	X	1.749	1.749	0 %100
292	M291	Z	-1.01	-1.01	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.%,]
293	M292	X	1.514	1.514	0 %100
294	M292	Z	-0.874	-0.874	0 %100
295	M293	X	1.731	1.731	0 %100
296	M293	Z	-0.999	-0.999	0 %100
297	M294	X	1.725	1.725	0 %100
298	M294	Z	-0.996	-0.996	0 %100
299	M297	X	1.103	1.103	0 %100
300	M297	Z	-0.637	-0.637	0 %100
301	M298	X	1.098	1.098	0 %100
302	M298	Z	-0.634	-0.634	0 %100
303	M299	X	1.52	1.52	0 %100
304	M299	Z	-0.878	-0.878	0 %100
305	M300	X	1.51	1.51	0 %100
306	M300	Z	-0.872	-0.872	0 %100
307	M301	X	1.52	1.52	0 %100
308	M301	Z	-0.878	-0.878	0 %100
309	M302	X	1.51	1.51	0 %100
310	M302	Z	-0.872	-0.872	0 %100
311	M303	X	1.814	1.814	0 %100
312	M303	Z	-1.047	-1.047	0 %100
313	M304	X	1.914	1.914	0 %100
314	M304	Z	-1.105	-1.105	0 %100
315	M305	X	1.815	1.815	0 %100
316	M305	Z	-1.048	-1.048	0 %100
317	M306	X	1.914	1.914	0 %100
318	M306	Z	-1.105	-1.105	0 %100
319	M307A	X	1.161	1.161	0 %100
320	M307A	Z	-0.67	-0.67	0 %100
321	M308A	X	1.156	1.156	0 %100
322	M308A	Z	-0.667	-0.667	0 %100
323	M313A	X	1.134	1.134	0 %100
324	M313A	Z	-0.655	-0.655	0 %100
325	M314A	X	1.138	1.138	0 %100
326	M314A	Z	-0.657	-0.657	0 %100
327	M315A	X	1.47	1.47	0 %100
328	M315A	Z	-0.849	-0.849	0 %100
329	M316A	X	1.486	1.486	0 %100
330	M316A	Z	-0.858	-0.858	0 %100
331	M317A	X	1.134	1.134	0 %100
332	M317A	Z	-0.655	-0.655	0 %100
333	M318A	X	1.461	1.461	0 %100
334	M318A	Z	-0.844	-0.844	0 %100
335	M319A	X	1.482	1.482	0 %100
336	M319A	Z	-0.855	-0.855	0 %100
337	M320A	X	1.133	1.133	0 %100
338	M320A	Z	-0.654	-0.654	0 %100
339	M321A	X	1.488	1.488	0 %100
340	M321A	Z	-0.859	-0.859	0 %100
341	M322A	X	1.431	1.431	0 %100
342	M322A	Z	-0.826	-0.826	0 %100
343	M327	X	3.82	3.82	0 %100
344	M327	Z	-2.205	-2.205	0 %100
345	MP1C	X	3.82	3.82	0 %100
346	MP1C	Z	-2.205	-2.205	0 %100
347	MP2C	X	3.82	3.82	0 %100
348	MP2C	Z	-2.205	-2.205	0 %100
349	MP3C	X	3.82	3.82	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, %]
350	MP3C	Z	-2.205	-2.205	0	%100
351	MP4C	X	3.82	3.82	0	%100
352	MP4C	Z	-2.205	-2.205	0	%100
353	M336A	X	3.514	3.514	0	%100
354	M336A	Z	-2.029	-2.029	0	%100
355	M342	X	.955	.955	0	%100
356	M342	Z	-.551	-.551	0	%100
357	MP1B	X	3.82	3.82	0	%100
358	MP1B	Z	-2.205	-2.205	0	%100
359	MP2B	X	3.82	3.82	0	%100
360	MP2B	Z	-2.205	-2.205	0	%100
361	MP3B	X	3.82	3.82	0	%100
362	MP3B	Z	-2.205	-2.205	0	%100
363	MP4B	X	3.82	3.82	0	%100
364	MP4B	Z	-2.205	-2.205	0	%100
365	M351	X	.879	.879	0	%100
366	M351	Z	-.507	-.507	0	%100
367	M356	X	2.453	2.453	0	%100
368	M356	Z	-1.416	-1.416	0	%100
369	M359	X	3.439	3.439	0	%100
370	M359	Z	-1.986	-1.986	0	%100
371	M360	X	.86	.86	0	%100
372	M360	Z	-.496	-.496	0	%100
373	M361	X	.86	.86	0	%100
374	M361	Z	-.496	-.496	0	%100
375	M364	X	2.249	2.249	0	%100
376	M364	Z	-1.299	-1.299	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	M122	X	2.238	2.238	0	%100
2	M122	Z	0	0	0	%100
3	M123	X	2.238	2.238	0	%100
4	M123	Z	0	0	0	%100
5	M124	X	1.068	1.068	0	%100
6	M124	Z	0	0	0	%100
7	M125	X	1.068	1.068	0	%100
8	M125	Z	0	0	0	%100
9	M126	X	3.727	3.727	0	%100
10	M126	Z	0	0	0	%100
11	M127	X	3.505	3.505	0	%100
12	M127	Z	0	0	0	%100
13	M128	X	3.505	3.505	0	%100
14	M128	Z	0	0	0	%100
15	M129	X	0	0	0	%100
16	M129	Z	0	0	0	%100
17	M130	X	0	0	0	%100
18	M130	Z	0	0	0	%100
19	M131	X	0	0	0	%100
20	M131	Z	0	0	0	%100
21	M132	X	0	0	0	%100
22	M132	Z	0	0	0	%100
23	M133	X	0	0	0	%100
24	M133	Z	0	0	0	%100
25	M134	X	0	0	0	%100
26	M134	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, %]	
27	M177	X	0	0	0	%100
28	M177	Z	0	0	0	%100
29	M287A	X	1.8	1.8	0	%100
30	M287A	Z	0	0	0	%100
31	M289A	X	1.745	1.745	0	%100
32	M289A	Z	0	0	0	%100
33	M290A	X	1.722	1.722	0	%100
34	M290A	Z	0	0	0	%100
35	M292A	X	1.663	1.663	0	%100
36	M292A	Z	0	0	0	%100
37	M293A	X	2.366	2.366	0	%100
38	M293A	Z	0	0	0	%100
39	M295A	X	2.247	2.247	0	%100
40	M295A	Z	0	0	0	%100
41	M296A	X	2.391	2.391	0	%100
42	M296A	Z	0	0	0	%100
43	M298A	X	2.256	2.256	0	%100
44	M298A	Z	0	0	0	%100
45	M299A	X	2.325	2.325	0	%100
46	M299A	Z	0	0	0	%100
47	M301A	X	2.362	2.362	0	%100
48	M301A	Z	0	0	0	%100
49	M302A	X	2.247	2.247	0	%100
50	M302A	Z	0	0	0	%100
51	M305A	X	2.266	2.266	0	%100
52	M305A	Z	0	0	0	%100
53	M306A	X	2.196	2.196	0	%100
54	M306A	Z	0	0	0	%100
55	M307	X	2.216	2.216	0	%100
56	M307	Z	0	0	0	%100
57	M308	X	2.146	2.146	0	%100
58	M308	Z	0	0	0	%100
59	M309	X	2.183	2.183	0	%100
60	M309	Z	0	0	0	%100
61	M310	X	2.12	2.12	0	%100
62	M310	Z	0	0	0	%100
63	M311	X	2.155	2.155	0	%100
64	M311	Z	0	0	0	%100
65	M312	X	2.099	2.099	0	%100
66	M312	Z	0	0	0	%100
67	M313	X	2.096	2.096	0	%100
68	M313	Z	0	0	0	%100
69	M316	X	1.698	1.698	0	%100
70	M316	Z	0	0	0	%100
71	M317	X	1.691	1.691	0	%100
72	M317	Z	0	0	0	%100
73	M318	X	2.34	2.34	0	%100
74	M318	Z	0	0	0	%100
75	M319	X	2.325	2.325	0	%100
76	M319	Z	0	0	0	%100
77	M320	X	2.341	2.341	0	%100
78	M320	Z	0	0	0	%100
79	M321	X	2.325	2.325	0	%100
80	M321	Z	0	0	0	%100
81	M322	X	2.485	2.485	0	%100
82	M322	Z	0	0	0	%100
83	M323A	X	2.325	2.325	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, %]	
84	M323A	Z	0	0	0	%100
85	M324A	X	2.473	2.473	0	%100
86	M324A	Z	0	0	0	%100
87	M325A	X	2.325	2.325	0	%100
88	M325A	Z	0	0	0	%100
89	M326A	X	1.788	1.788	0	%100
90	M326A	Z	0	0	0	%100
91	M327A	X	1.78	1.78	0	%100
92	M327A	Z	0	0	0	%100
93	M332B	X	1.662	1.662	0	%100
94	M332B	Z	0	0	0	%100
95	M333A	X	1.752	1.752	0	%100
96	M333A	Z	0	0	0	%100
97	M334A	X	2.263	2.263	0	%100
98	M334A	Z	0	0	0	%100
99	M335A	X	2.263	2.263	0	%100
100	M335A	Z	0	0	0	%100
101	M336	X	1.746	1.746	0	%100
102	M336	Z	0	0	0	%100
103	M337	X	2.249	2.249	0	%100
104	M337	Z	0	0	0	%100
105	M338	X	2.256	2.256	0	%100
106	M338	Z	0	0	0	%100
107	M339	X	1.661	1.661	0	%100
108	M339	Z	0	0	0	%100
109	M344	X	2.126	2.126	0	%100
110	M344	Z	0	0	0	%100
111	M345	X	2.119	2.119	0	%100
112	M345	Z	0	0	0	%100
113	MP1A	X	4.41	4.41	0	%100
114	MP1A	Z	0	0	0	%100
115	MP2A	X	4.41	4.41	0	%100
116	MP2A	Z	0	0	0	%100
117	MP3A	X	4.41	4.41	0	%100
118	MP3A	Z	0	0	0	%100
119	MP4A	X	4.41	4.41	0	%100
120	MP4A	Z	0	0	0	%100
121	M344A	X	0	0	0	%100
122	M344A	Z	0	0	0	%100
123	M138	X	4.178	4.178	0	%100
124	M138	Z	0	0	0	%100
125	M139	X	.3	.3	0	%100
126	M139	Z	0	0	0	%100
127	M140	X	4.27	4.27	0	%100
128	M140	Z	0	0	0	%100
129	M141	X	1.068	1.068	0	%100
130	M141	Z	0	0	0	%100
131	M142	X	.932	.932	0	%100
132	M142	Z	0	0	0	%100
133	M143	X	.85	.85	0	%100
134	M143	Z	0	0	0	%100
135	M144	X	.903	.903	0	%100
136	M144	Z	0	0	0	%100
137	M145	X	2.668	2.668	0	%100
138	M145	Z	0	0	0	%100
139	M146	X	2.496	2.496	0	%100
140	M146	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.%,]
141	M147	X	2.319	2.319	0 %100
142	M147	Z	0	0	0 %100
143	M148	X	2.668	2.668	0 %100
144	M148	Z	0	0	0 %100
145	M149	X	2.496	2.496	0 %100
146	M149	Z	0	0	0 %100
147	M150	X	2.319	2.319	0 %100
148	M150	Z	0	0	0 %100
149	M171	X	.45	.45	0 %100
150	M171	Z	0	0	0 %100
151	M172	X	.436	.436	0 %100
152	M172	Z	0	0	0 %100
153	M173	X	.909	.909	0 %100
154	M173	Z	0	0	0 %100
155	M174	X	.73	.73	0 %100
156	M174	Z	0	0	0 %100
157	M175	X	.592	.592	0 %100
158	M175	Z	0	0	0 %100
159	M176	X	.562	.562	0 %100
160	M176	Z	0	0	0 %100
161	M177A	X	.745	.745	0 %100
162	M177A	Z	0	0	0 %100
163	M178	X	.662	.662	0 %100
164	M178	Z	0	0	0 %100
165	M179	X	1.98	1.98	0 %100
166	M179	Z	0	0	0 %100
167	M181	X	1.301	1.301	0 %100
168	M181	Z	0	0	0 %100
169	M182	X	1.926	1.926	0 %100
170	M182	Z	0	0	0 %100
171	M183	X	1.221	1.221	0 %100
172	M183	Z	0	0	0 %100
173	M184	X	1.878	1.878	0 %100
174	M184	Z	0	0	0 %100
175	M185	X	1.071	1.071	0 %100
176	M185	Z	0	0	0 %100
177	M186	X	1.837	1.837	0 %100
178	M186	Z	0	0	0 %100
179	M187	X	1.007	1.007	0 %100
180	M187	Z	0	0	0 %100
181	M188	X	1.817	1.817	0 %100
182	M188	Z	0	0	0 %100
183	M189	X	.934	.934	0 %100
184	M189	Z	0	0	0 %100
185	M190	X	1.799	1.799	0 %100
186	M190	Z	0	0	0 %100
187	M191	X	1.785	1.785	0 %100
188	M191	Z	0	0	0 %100
189	M194	X	.425	.425	0 %100
190	M194	Z	0	0	0 %100
191	M195	X	.423	.423	0 %100
192	M195	Z	0	0	0 %100
193	M196	X	.585	.585	0 %100
194	M196	Z	0	0	0 %100
195	M197	X	.581	.581	0 %100
196	M197	Z	0	0	0 %100
197	M198	X	.585	.585	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, %]	
198	M198	Z	0	0	0	%100
199	M199	X	.581	.581	0	%100
200	M199	Z	0	0	0	%100
201	M200	X	1.314	1.314	0	%100
202	M200	Z	0	0	0	%100
203	M201	X	1.98	1.98	0	%100
204	M201	Z	0	0	0	%100
205	M202	X	1.341	1.341	0	%100
206	M202	Z	0	0	0	%100
207	M203	X	1.98	1.98	0	%100
208	M203	Z	0	0	0	%100
209	M204	X	.447	.447	0	%100
210	M204	Z	0	0	0	%100
211	M205	X	.445	.445	0	%100
212	M205	Z	0	0	0	%100
213	M210	X	.604	.604	0	%100
214	M210	Z	0	0	0	%100
215	M211	X	.438	.438	0	%100
216	M211	Z	0	0	0	%100
217	M212	X	.566	.566	0	%100
218	M212	Z	0	0	0	%100
219	M213	X	.624	.624	0	%100
220	M213	Z	0	0	0	%100
221	M214	X	.437	.437	0	%100
222	M214	Z	0	0	0	%100
223	M215	X	.562	.562	0	%100
224	M215	Z	0	0	0	%100
225	M216	X	.621	.621	0	%100
226	M216	Z	0	0	0	%100
227	M217	X	.603	.603	0	%100
228	M217	Z	0	0	0	%100
229	M218	X	.9	.9	0	%100
230	M218	Z	0	0	0	%100
231	M219	X	.718	.718	0	%100
232	M219	Z	0	0	0	%100
233	M241	X	.3	.3	0	%100
234	M241	Z	0	0	0	%100
235	M242	X	4.178	4.178	0	%100
236	M242	Z	0	0	0	%100
237	M243	X	1.068	1.068	0	%100
238	M243	Z	0	0	0	%100
239	M244	X	4.27	4.27	0	%100
240	M244	Z	0	0	0	%100
241	M245	X	.932	.932	0	%100
242	M245	Z	0	0	0	%100
243	M246	X	.903	.903	0	%100
244	M246	Z	0	0	0	%100
245	M247	X	.85	.85	0	%100
246	M247	Z	0	0	0	%100
247	M248	X	2.668	2.668	0	%100
248	M248	Z	0	0	0	%100
249	M249	X	2.496	2.496	0	%100
250	M249	Z	0	0	0	%100
251	M250	X	2.319	2.319	0	%100
252	M250	Z	0	0	0	%100
253	M251	X	2.668	2.668	0	%100
254	M251	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, %]
255	M252	X	2.496	2.496	0 %100
256	M252	Z	0	0	0 %100
257	M253	X	2.319	2.319	0 %100
258	M253	Z	0	0	0 %100
259	M274	X	.45	.45	0 %100
260	M274	Z	0	0	0 %100
261	M275	X	.436	.436	0 %100
262	M275	Z	0	0	0 %100
263	M276	X	.909	.909	0 %100
264	M276	Z	0	0	0 %100
265	M277	X	.73	.73	0 %100
266	M277	Z	0	0	0 %100
267	M278	X	.592	.592	0 %100
268	M278	Z	0	0	0 %100
269	M279	X	.562	.562	0 %100
270	M279	Z	0	0	0 %100
271	M280	X	.745	.745	0 %100
272	M280	Z	0	0	0 %100
273	M281	X	.662	.662	0 %100
274	M281	Z	0	0	0 %100
275	M282	X	1.98	1.98	0 %100
276	M282	Z	0	0	0 %100
277	M284	X	1.301	1.301	0 %100
278	M284	Z	0	0	0 %100
279	M285	X	1.926	1.926	0 %100
280	M285	Z	0	0	0 %100
281	M286	X	1.221	1.221	0 %100
282	M286	Z	0	0	0 %100
283	M287	X	1.878	1.878	0 %100
284	M287	Z	0	0	0 %100
285	M288	X	1.071	1.071	0 %100
286	M288	Z	0	0	0 %100
287	M289	X	1.837	1.837	0 %100
288	M289	Z	0	0	0 %100
289	M290	X	1.007	1.007	0 %100
290	M290	Z	0	0	0 %100
291	M291	X	1.817	1.817	0 %100
292	M291	Z	0	0	0 %100
293	M292	X	.934	.934	0 %100
294	M292	Z	0	0	0 %100
295	M293	X	1.799	1.799	0 %100
296	M293	Z	0	0	0 %100
297	M294	X	1.785	1.785	0 %100
298	M294	Z	0	0	0 %100
299	M297	X	.425	.425	0 %100
300	M297	Z	0	0	0 %100
301	M298	X	.423	.423	0 %100
302	M298	Z	0	0	0 %100
303	M299	X	.585	.585	0 %100
304	M299	Z	0	0	0 %100
305	M300	X	.581	.581	0 %100
306	M300	Z	0	0	0 %100
307	M301	X	.585	.585	0 %100
308	M301	Z	0	0	0 %100
309	M302	X	.581	.581	0 %100
310	M302	Z	0	0	0 %100
311	M303	X	1.314	1.314	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, %]	
312	M303	Z	0	0	0	%100
313	M304	X	1.98	1.98	0	%100
314	M304	Z	0	0	0	%100
315	M305	X	1.341	1.341	0	%100
316	M305	Z	0	0	0	%100
317	M306	X	1.98	1.98	0	%100
318	M306	Z	0	0	0	%100
319	M307A	X	.447	.447	0	%100
320	M307A	Z	0	0	0	%100
321	M308A	X	.445	.445	0	%100
322	M308A	Z	0	0	0	%100
323	M313A	X	.604	.604	0	%100
324	M313A	Z	0	0	0	%100
325	M314A	X	.438	.438	0	%100
326	M314A	Z	0	0	0	%100
327	M315A	X	.566	.566	0	%100
328	M315A	Z	0	0	0	%100
329	M316A	X	.624	.624	0	%100
330	M316A	Z	0	0	0	%100
331	M317A	X	.437	.437	0	%100
332	M317A	Z	0	0	0	%100
333	M318A	X	.562	.562	0	%100
334	M318A	Z	0	0	0	%100
335	M319A	X	.621	.621	0	%100
336	M319A	Z	0	0	0	%100
337	M320A	X	.603	.603	0	%100
338	M320A	Z	0	0	0	%100
339	M321A	X	.9	.9	0	%100
340	M321A	Z	0	0	0	%100
341	M322A	X	.718	.718	0	%100
342	M322A	Z	0	0	0	%100
343	M327	X	3.308	3.308	0	%100
344	M327	Z	0	0	0	%100
345	MP1C	X	4.41	4.41	0	%100
346	MP1C	Z	0	0	0	%100
347	MP2C	X	4.41	4.41	0	%100
348	MP2C	Z	0	0	0	%100
349	MP3C	X	4.41	4.41	0	%100
350	MP3C	Z	0	0	0	%100
351	MP4C	X	4.41	4.41	0	%100
352	MP4C	Z	0	0	0	%100
353	M336A	X	3.044	3.044	0	%100
354	M336A	Z	0	0	0	%100
355	M342	X	3.308	3.308	0	%100
356	M342	Z	0	0	0	%100
357	MP1B	X	4.41	4.41	0	%100
358	MP1B	Z	0	0	0	%100
359	MP2B	X	4.41	4.41	0	%100
360	MP2B	Z	0	0	0	%100
361	MP3B	X	4.41	4.41	0	%100
362	MP3B	Z	0	0	0	%100
363	MP4B	X	4.41	4.41	0	%100
364	MP4B	Z	0	0	0	%100
365	M351	X	3.044	3.044	0	%100
366	M351	Z	0	0	0	%100
367	M356	X	2.832	2.832	0	%100
368	M356	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.%]
369	M359	X	2.979	2.979	0	%100
370	M359	Z	0	0	0	%100
371	M360	X	2.979	2.979	0	%100
372	M360	Z	0	0	0	%100
373	M361	X	0	0	0	%100
374	M361	Z	0	0	0	%100
375	M364	X	2.597	2.597	0	%100
376	M364	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	M122	X	.26	.26	0	%100
2	M122	Z	.15	.15	0	%100
3	M123	X	3.618	3.618	0	%100
4	M123	Z	2.089	2.089	0	%100
5	M124	X	0	0	0	%100
6	M124	Z	0	0	0	%100
7	M125	X	2.774	2.774	0	%100
8	M125	Z	1.601	1.601	0	%100
9	M126	X	2.421	2.421	0	%100
10	M126	Z	1.398	1.398	0	%100
11	M127	X	2.299	2.299	0	%100
12	M127	Z	1.328	1.328	0	%100
13	M128	X	2.254	2.254	0	%100
14	M128	Z	1.301	1.301	0	%100
15	M129	X	.77	.77	0	%100
16	M129	Z	.445	.445	0	%100
17	M130	X	.72	.72	0	%100
18	M130	Z	.416	.416	0	%100
19	M131	X	.67	.67	0	%100
20	M131	Z	.387	.387	0	%100
21	M132	X	.77	.77	0	%100
22	M132	Z	.445	.445	0	%100
23	M133	X	.72	.72	0	%100
24	M133	Z	.416	.416	0	%100
25	M134	X	.67	.67	0	%100
26	M134	Z	.387	.387	0	%100
27	M177	X	.955	.955	0	%100
28	M177	Z	.551	.551	0	%100
29	M287A	X	1.169	1.169	0	%100
30	M287A	Z	.675	.675	0	%100
31	M289A	X	1.134	1.134	0	%100
32	M289A	Z	.654	.654	0	%100
33	M290A	X	1.257	1.257	0	%100
34	M290A	Z	.726	.726	0	%100
35	M292A	X	1.171	1.171	0	%100
36	M292A	Z	.676	.676	0	%100
37	M293A	X	1.537	1.537	0	%100
38	M293A	Z	.887	.887	0	%100
39	M295A	X	1.459	1.459	0	%100
40	M295A	Z	.843	.843	0	%100
41	M296A	X	1.595	1.595	0	%100
42	M296A	Z	.921	.921	0	%100
43	M298A	X	1.494	1.494	0	%100
44	M298A	Z	.862	.862	0	%100
45	M299A	X	1.914	1.914	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.%]
46	M299A	Z	1.105	1.105	0 %100
47	M301A	X	1.739	1.739	0 %100
48	M301A	Z	1.004	1.004	0 %100
49	M302A	X	1.853	1.853	0 %100
50	M302A	Z	1.07	1.07	0 %100
51	M305A	X	1.661	1.661	0 %100
52	M305A	Z	.959	.959	0 %100
53	M306A	X	1.81	1.81	0 %100
54	M306A	Z	1.045	1.045	0 %100
55	M307	X	1.588	1.588	0 %100
56	M307	Z	.917	.917	0 %100
57	M308	X	1.769	1.769	0 %100
58	M308	Z	1.022	1.022	0 %100
59	M309	X	1.551	1.551	0 %100
60	M309	Z	.895	.895	0 %100
61	M310	X	1.749	1.749	0 %100
62	M310	Z	1.01	1.01	0 %100
63	M311	X	1.514	1.514	0 %100
64	M311	Z	.874	.874	0 %100
65	M312	X	1.731	1.731	0 %100
66	M312	Z	.999	.999	0 %100
67	M313	X	1.725	1.725	0 %100
68	M313	Z	.996	.996	0 %100
69	M316	X	1.103	1.103	0 %100
70	M316	Z	.637	.637	0 %100
71	M317	X	1.098	1.098	0 %100
72	M317	Z	.634	.634	0 %100
73	M318	X	1.52	1.52	0 %100
74	M318	Z	.878	.878	0 %100
75	M319	X	1.51	1.51	0 %100
76	M319	Z	.872	.872	0 %100
77	M320	X	1.52	1.52	0 %100
78	M320	Z	.878	.878	0 %100
79	M321	X	1.51	1.51	0 %100
80	M321	Z	.872	.872	0 %100
81	M322	X	1.814	1.814	0 %100
82	M322	Z	1.047	1.047	0 %100
83	M323A	X	1.914	1.914	0 %100
84	M323A	Z	1.105	1.105	0 %100
85	M324A	X	1.815	1.815	0 %100
86	M324A	Z	1.048	1.048	0 %100
87	M325A	X	1.914	1.914	0 %100
88	M325A	Z	1.105	1.105	0 %100
89	M326A	X	1.161	1.161	0 %100
90	M326A	Z	.67	.67	0 %100
91	M327A	X	1.156	1.156	0 %100
92	M327A	Z	.667	.667	0 %100
93	M332B	X	1.134	1.134	0 %100
94	M332B	Z	.655	.655	0 %100
95	M333A	X	1.138	1.138	0 %100
96	M333A	Z	.657	.657	0 %100
97	M334A	X	1.47	1.47	0 %100
98	M334A	Z	.849	.849	0 %100
99	M335A	X	1.486	1.486	0 %100
100	M335A	Z	.858	.858	0 %100
101	M336	X	1.134	1.134	0 %100
102	M336	Z	.655	.655	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, %]
103	M337	X	1.461	1.461	0 %100
104	M337	Z	.844	.844	0 %100
105	M338	X	1.482	1.482	0 %100
106	M338	Z	.855	.855	0 %100
107	M339	X	1.133	1.133	0 %100
108	M339	Z	.654	.654	0 %100
109	M344	X	1.488	1.488	0 %100
110	M344	Z	.859	.859	0 %100
111	M345	X	1.431	1.431	0 %100
112	M345	Z	.826	.826	0 %100
113	MP1A	X	3.82	3.82	0 %100
114	MP1A	Z	2.205	2.205	0 %100
115	MP2A	X	3.82	3.82	0 %100
116	MP2A	Z	2.205	2.205	0 %100
117	MP3A	X	3.82	3.82	0 %100
118	MP3A	Z	2.205	2.205	0 %100
119	MP4A	X	3.82	3.82	0 %100
120	MP4A	Z	2.205	2.205	0 %100
121	M344A	X	.879	.879	0 %100
122	M344A	Z	.507	.507	0 %100
123	M138	X	3.618	3.618	0 %100
124	M138	Z	2.089	2.089	0 %100
125	M139	X	.26	.26	0 %100
126	M139	Z	.15	.15	0 %100
127	M140	X	2.774	2.774	0 %100
128	M140	Z	1.601	1.601	0 %100
129	M141	X	0	0	0 %100
130	M141	Z	0	0	0 %100
131	M142	X	2.421	2.421	0 %100
132	M142	Z	1.398	1.398	0 %100
133	M143	X	2.254	2.254	0 %100
134	M143	Z	1.301	1.301	0 %100
135	M144	X	2.299	2.299	0 %100
136	M144	Z	1.328	1.328	0 %100
137	M145	X	.77	.77	0 %100
138	M145	Z	.445	.445	0 %100
139	M146	X	.72	.72	0 %100
140	M146	Z	.416	.416	0 %100
141	M147	X	.67	.67	0 %100
142	M147	Z	.387	.387	0 %100
143	M148	X	.77	.77	0 %100
144	M148	Z	.445	.445	0 %100
145	M149	X	.72	.72	0 %100
146	M149	Z	.416	.416	0 %100
147	M150	X	.67	.67	0 %100
148	M150	Z	.387	.387	0 %100
149	M171	X	1.169	1.169	0 %100
150	M171	Z	.675	.675	0 %100
151	M172	X	1.134	1.134	0 %100
152	M172	Z	.654	.654	0 %100
153	M173	X	1.257	1.257	0 %100
154	M173	Z	.726	.726	0 %100
155	M174	X	1.171	1.171	0 %100
156	M174	Z	.676	.676	0 %100
157	M175	X	1.537	1.537	0 %100
158	M175	Z	.887	.887	0 %100
159	M176	X	1.459	1.459	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, %]
160	M176	Z	.843	.843	0 %100
161	M177A	X	1.595	1.595	0 %100
162	M177A	Z	.921	.921	0 %100
163	M178	X	1.494	1.494	0 %100
164	M178	Z	.862	.862	0 %100
165	M179	X	1.914	1.914	0 %100
166	M179	Z	1.105	1.105	0 %100
167	M181	X	1.739	1.739	0 %100
168	M181	Z	1.004	1.004	0 %100
169	M182	X	1.853	1.853	0 %100
170	M182	Z	1.07	1.07	0 %100
171	M183	X	1.661	1.661	0 %100
172	M183	Z	.959	.959	0 %100
173	M184	X	1.81	1.81	0 %100
174	M184	Z	1.045	1.045	0 %100
175	M185	X	1.588	1.588	0 %100
176	M185	Z	.917	.917	0 %100
177	M186	X	1.769	1.769	0 %100
178	M186	Z	1.022	1.022	0 %100
179	M187	X	1.551	1.551	0 %100
180	M187	Z	.895	.895	0 %100
181	M188	X	1.749	1.749	0 %100
182	M188	Z	1.01	1.01	0 %100
183	M189	X	1.514	1.514	0 %100
184	M189	Z	.874	.874	0 %100
185	M190	X	1.731	1.731	0 %100
186	M190	Z	.999	.999	0 %100
187	M191	X	1.725	1.725	0 %100
188	M191	Z	.996	.996	0 %100
189	M194	X	1.103	1.103	0 %100
190	M194	Z	.637	.637	0 %100
191	M195	X	1.098	1.098	0 %100
192	M195	Z	.634	.634	0 %100
193	M196	X	1.52	1.52	0 %100
194	M196	Z	.878	.878	0 %100
195	M197	X	1.51	1.51	0 %100
196	M197	Z	.872	.872	0 %100
197	M198	X	1.52	1.52	0 %100
198	M198	Z	.878	.878	0 %100
199	M199	X	1.51	1.51	0 %100
200	M199	Z	.872	.872	0 %100
201	M200	X	1.814	1.814	0 %100
202	M200	Z	1.047	1.047	0 %100
203	M201	X	1.914	1.914	0 %100
204	M201	Z	1.105	1.105	0 %100
205	M202	X	1.815	1.815	0 %100
206	M202	Z	1.048	1.048	0 %100
207	M203	X	1.914	1.914	0 %100
208	M203	Z	1.105	1.105	0 %100
209	M204	X	1.161	1.161	0 %100
210	M204	Z	.67	.67	0 %100
211	M205	X	1.156	1.156	0 %100
212	M205	Z	.667	.667	0 %100
213	M210	X	1.134	1.134	0 %100
214	M210	Z	.655	.655	0 %100
215	M211	X	1.138	1.138	0 %100
216	M211	Z	.657	.657	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, %]
217	M212	X	1.47	1.47	0 %100
218	M212	Z	.849	.849	0 %100
219	M213	X	1.486	1.486	0 %100
220	M213	Z	.858	.858	0 %100
221	M214	X	1.134	1.134	0 %100
222	M214	Z	.655	.655	0 %100
223	M215	X	1.461	1.461	0 %100
224	M215	Z	.844	.844	0 %100
225	M216	X	1.482	1.482	0 %100
226	M216	Z	.855	.855	0 %100
227	M217	X	1.133	1.133	0 %100
228	M217	Z	.654	.654	0 %100
229	M218	X	1.488	1.488	0 %100
230	M218	Z	.859	.859	0 %100
231	M219	X	1.431	1.431	0 %100
232	M219	Z	.826	.826	0 %100
233	M241	X	1.939	1.939	0 %100
234	M241	Z	1.119	1.119	0 %100
235	M242	X	1.939	1.939	0 %100
236	M242	Z	1.119	1.119	0 %100
237	M243	X	2.774	2.774	0 %100
238	M243	Z	1.601	1.601	0 %100
239	M244	X	2.774	2.774	0 %100
240	M244	Z	1.601	1.601	0 %100
241	M245	X	0	0	0 %100
242	M245	Z	0	0	0 %100
243	M246	X	.000228	.000228	0 %100
244	M246	Z	.000132	.000132	0 %100
245	M247	X	.000228	.000228	0 %100
246	M247	Z	.000132	.000132	0 %100
247	M248	X	3.081	3.081	0 %100
248	M248	Z	1.779	1.779	0 %100
249	M249	X	2.882	2.882	0 %100
250	M249	Z	1.664	1.664	0 %100
251	M250	X	2.678	2.678	0 %100
252	M250	Z	1.546	1.546	0 %100
253	M251	X	3.081	3.081	0 %100
254	M251	Z	1.779	1.779	0 %100
255	M252	X	2.882	2.882	0 %100
256	M252	Z	1.664	1.664	0 %100
257	M253	X	2.678	2.678	0 %100
258	M253	Z	1.546	1.546	0 %100
259	M274	X	0	0	0 %100
260	M274	Z	0	0	0 %100
261	M275	X	0	0	0 %100
262	M275	Z	0	0	0 %100
263	M276	X	.553	.553	0 %100
264	M276	Z	.319	.319	0 %100
265	M277	X	.363	.363	0 %100
266	M277	Z	.21	.21	0 %100
267	M278	X	0	0	0 %100
268	M278	Z	0	0	0 %100
269	M279	X	0	0	0 %100
270	M279	Z	0	0	0 %100
271	M280	X	.17	.17	0 %100
272	M280	Z	.098	.098	0 %100
273	M281	X	.113	.113	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, %]
274	M281	Z	.065	.065	0 %100
275	M282	X	1.615	1.615	0 %100
276	M282	Z	.932	.932	0 %100
277	M284	X	.82	.82	0 %100
278	M284	Z	.474	.474	0 %100
279	M285	X	1.575	1.575	0 %100
280	M285	Z	.909	.909	0 %100
281	M286	X	.756	.756	0 %100
282	M286	Z	.436	.436	0 %100
283	M287	X	1.534	1.534	0 %100
284	M287	Z	.886	.886	0 %100
285	M288	X	.597	.597	0 %100
286	M288	Z	.345	.345	0 %100
287	M289	X	1.502	1.502	0 %100
288	M289	Z	.867	.867	0 %100
289	M290	X	.532	.532	0 %100
290	M290	Z	.307	.307	0 %100
291	M291	X	1.485	1.485	0 %100
292	M291	Z	.858	.858	0 %100
293	M292	X	.456	.456	0 %100
294	M292	Z	.263	.263	0 %100
295	M293	X	1.471	1.471	0 %100
296	M293	Z	.849	.849	0 %100
297	M294	X	1.457	1.457	0 %100
298	M294	Z	.841	.841	0 %100
299	M297	X	0	0	0 %100
300	M297	Z	0	0	0 %100
301	M298	X	0	0	0 %100
302	M298	Z	0	0	0 %100
303	M299	X	0	0	0 %100
304	M299	Z	0	0	0 %100
305	M300	X	0	0	0 %100
306	M300	Z	0	0	0 %100
307	M301	X	0	0	0 %100
308	M301	Z	0	0	0 %100
309	M302	X	0	0	0 %100
310	M302	Z	0	0	0 %100
311	M303	X	.8	.8	0 %100
312	M303	Z	.462	.462	0 %100
313	M304	X	1.615	1.615	0 %100
314	M304	Z	.932	.932	0 %100
315	M305	X	.834	.834	0 %100
316	M305	Z	.482	.482	0 %100
317	M306	X	1.615	1.615	0 %100
318	M306	Z	.932	.932	0 %100
319	M307A	X	0	0	0 %100
320	M307A	Z	0	0	0 %100
321	M308A	X	0	0	0 %100
322	M308A	Z	0	0	0 %100
323	M313A	X	.217	.217	0 %100
324	M313A	Z	.126	.126	0 %100
325	M314A	X	0	0	0 %100
326	M314A	Z	0	0	0 %100
327	M315A	X	0	0	0 %100
328	M315A	Z	0	0	0 %100
329	M316A	X	.067	.067	0 %100
330	M316A	Z	.039	.039	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.%,]
331	M317A	X	0	0	%100
332	M317A	Z	0	0	%100
333	M318A	X	0	0	%100
334	M318A	Z	0	0	%100
335	M319A	X	.066	.066	%100
336	M319A	Z	.038	.038	%100
337	M320A	X	.217	.217	%100
338	M320A	Z	.125	.125	%100
339	M321A	X	.426	.426	%100
340	M321A	Z	.246	.246	%100
341	M322A	X	.217	.217	%100
342	M322A	Z	.125	.125	%100
343	M327	X	.955	.955	%100
344	M327	Z	.551	.551	%100
345	MP1C	X	3.82	3.82	%100
346	MP1C	Z	2.205	2.205	%100
347	MP2C	X	3.82	3.82	%100
348	MP2C	Z	2.205	2.205	%100
349	MP3C	X	3.82	3.82	%100
350	MP3C	Z	2.205	2.205	%100
351	MP4C	X	3.82	3.82	%100
352	MP4C	Z	2.205	2.205	%100
353	M336A	X	.879	.879	%100
354	M336A	Z	.507	.507	%100
355	M342	X	3.82	3.82	%100
356	M342	Z	2.205	2.205	%100
357	MP1B	X	3.82	3.82	%100
358	MP1B	Z	2.205	2.205	%100
359	MP2B	X	3.82	3.82	%100
360	MP2B	Z	2.205	2.205	%100
361	MP3B	X	3.82	3.82	%100
362	MP3B	Z	2.205	2.205	%100
363	MP4B	X	3.82	3.82	%100
364	MP4B	Z	2.205	2.205	%100
365	M351	X	3.514	3.514	%100
366	M351	Z	2.029	2.029	%100
367	M356	X	2.453	2.453	%100
368	M356	Z	1.416	1.416	%100
369	M359	X	.86	.86	%100
370	M359	Z	.496	.496	%100
371	M360	X	3.439	3.439	%100
372	M360	Z	1.986	1.986	%100
373	M361	X	.86	.86	%100
374	M361	Z	.496	.496	%100
375	M364	X	2.249	2.249	%100
376	M364	Z	1.299	1.299	%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	M122	X	.15	.15	%100
2	M122	Z	.26	.26	%100
3	M123	X	2.089	2.089	%100
4	M123	Z	3.618	3.618	%100
5	M124	X	.534	.534	%100
6	M124	Z	.925	.925	%100
7	M125	X	2.135	2.135	%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.%]	
8	M125	Z	3.698	3.698	0	%100
9	M126	X	.466	.466	0	%100
10	M126	Z	.807	.807	0	%100
11	M127	X	.451	.451	0	%100
12	M127	Z	.782	.782	0	%100
13	M128	X	.425	.425	0	%100
14	M128	Z	.736	.736	0	%100
15	M129	X	1.334	1.334	0	%100
16	M129	Z	2.311	2.311	0	%100
17	M130	X	1.248	1.248	0	%100
18	M130	Z	2.161	2.161	0	%100
19	M131	X	1.16	1.16	0	%100
20	M131	Z	2.009	2.009	0	%100
21	M132	X	1.334	1.334	0	%100
22	M132	Z	2.311	2.311	0	%100
23	M133	X	1.248	1.248	0	%100
24	M133	Z	2.161	2.161	0	%100
25	M134	X	1.16	1.16	0	%100
26	M134	Z	2.009	2.009	0	%100
27	M177	X	1.654	1.654	0	%100
28	M177	Z	2.865	2.865	0	%100
29	M287A	X	.225	.225	0	%100
30	M287A	Z	.39	.39	0	%100
31	M289A	X	.218	.218	0	%100
32	M289A	Z	.378	.378	0	%100
33	M290A	X	.455	.455	0	%100
34	M290A	Z	.787	.787	0	%100
35	M292A	X	.365	.365	0	%100
36	M292A	Z	.632	.632	0	%100
37	M293A	X	.296	.296	0	%100
38	M293A	Z	.512	.512	0	%100
39	M295A	X	.281	.281	0	%100
40	M295A	Z	.486	.486	0	%100
41	M296A	X	.372	.372	0	%100
42	M296A	Z	.645	.645	0	%100
43	M298A	X	.331	.331	0	%100
44	M298A	Z	.573	.573	0	%100
45	M299A	X	.99	.99	0	%100
46	M299A	Z	1.714	1.714	0	%100
47	M301A	X	.65	.65	0	%100
48	M301A	Z	1.127	1.127	0	%100
49	M302A	X	.963	.963	0	%100
50	M302A	Z	1.668	1.668	0	%100
51	M305A	X	.61	.61	0	%100
52	M305A	Z	1.057	1.057	0	%100
53	M306A	X	.939	.939	0	%100
54	M306A	Z	1.626	1.626	0	%100
55	M307	X	.536	.536	0	%100
56	M307	Z	.928	.928	0	%100
57	M308	X	.919	.919	0	%100
58	M308	Z	1.591	1.591	0	%100
59	M309	X	.503	.503	0	%100
60	M309	Z	.872	.872	0	%100
61	M310	X	.908	.908	0	%100
62	M310	Z	1.573	1.573	0	%100
63	M311	X	.467	.467	0	%100
64	M311	Z	.809	.809	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
65	M312	X	.899	.899	0 %100
66	M312	Z	1.558	1.558	0 %100
67	M313	X	.893	.893	0 %100
68	M313	Z	1.546	1.546	0 %100
69	M316	X	.212	.212	0 %100
70	M316	Z	.368	.368	0 %100
71	M317	X	.211	.211	0 %100
72	M317	Z	.366	.366	0 %100
73	M318	X	.293	.293	0 %100
74	M318	Z	.507	.507	0 %100
75	M319	X	.291	.291	0 %100
76	M319	Z	.503	.503	0 %100
77	M320	X	.293	.293	0 %100
78	M320	Z	.507	.507	0 %100
79	M321	X	.291	.291	0 %100
80	M321	Z	.503	.503	0 %100
81	M322	X	.657	.657	0 %100
82	M322	Z	1.138	1.138	0 %100
83	M323A	X	.99	.99	0 %100
84	M323A	Z	1.714	1.714	0 %100
85	M324A	X	.67	.67	0 %100
86	M324A	Z	1.161	1.161	0 %100
87	M325A	X	.99	.99	0 %100
88	M325A	Z	1.714	1.714	0 %100
89	M326A	X	.223	.223	0 %100
90	M326A	Z	.387	.387	0 %100
91	M327A	X	.222	.222	0 %100
92	M327A	Z	.385	.385	0 %100
93	M332B	X	.302	.302	0 %100
94	M332B	Z	.523	.523	0 %100
95	M333A	X	.219	.219	0 %100
96	M333A	Z	.379	.379	0 %100
97	M334A	X	.283	.283	0 %100
98	M334A	Z	.49	.49	0 %100
99	M335A	X	.312	.312	0 %100
100	M335A	Z	.54	.54	0 %100
101	M336	X	.218	.218	0 %100
102	M336	Z	.378	.378	0 %100
103	M337	X	.281	.281	0 %100
104	M337	Z	.487	.487	0 %100
105	M338	X	.311	.311	0 %100
106	M338	Z	.538	.538	0 %100
107	M339	X	.301	.301	0 %100
108	M339	Z	.522	.522	0 %100
109	M344	X	.45	.45	0 %100
110	M344	Z	.78	.78	0 %100
111	M345	X	.359	.359	0 %100
112	M345	Z	.622	.622	0 %100
113	MP1A	X	2.205	2.205	0 %100
114	MP1A	Z	3.82	3.82	0 %100
115	MP2A	X	2.205	2.205	0 %100
116	MP2A	Z	3.82	3.82	0 %100
117	MP3A	X	2.205	2.205	0 %100
118	MP3A	Z	3.82	3.82	0 %100
119	MP4A	X	2.205	2.205	0 %100
120	MP4A	Z	3.82	3.82	0 %100
121	M344A	X	1.522	1.522	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, %]
122	M344A	Z	2.636	2.636	0 %100
123	M138	X	1.119	1.119	0 %100
124	M138	Z	1.939	1.939	0 %100
125	M139	X	1.119	1.119	0 %100
126	M139	Z	1.939	1.939	0 %100
127	M140	X	.534	.534	0 %100
128	M140	Z	.925	.925	0 %100
129	M141	X	.534	.534	0 %100
130	M141	Z	.925	.925	0 %100
131	M142	X	1.864	1.864	0 %100
132	M142	Z	3.228	3.228	0 %100
133	M143	X	1.752	1.752	0 %100
134	M143	Z	3.035	3.035	0 %100
135	M144	X	1.752	1.752	0 %100
136	M144	Z	3.035	3.035	0 %100
137	M145	X	0	0	0 %100
138	M145	Z	0	0	0 %100
139	M146	X	0	0	0 %100
140	M146	Z	0	0	0 %100
141	M147	X	0	0	0 %100
142	M147	Z	0	0	0 %100
143	M148	X	0	0	0 %100
144	M148	Z	0	0	0 %100
145	M149	X	0	0	0 %100
146	M149	Z	0	0	0 %100
147	M150	X	0	0	0 %100
148	M150	Z	0	0	0 %100
149	M171	X	.9	.9	0 %100
150	M171	Z	1.559	1.559	0 %100
151	M172	X	.873	.873	0 %100
152	M172	Z	1.511	1.511	0 %100
153	M173	X	.861	.861	0 %100
154	M173	Z	1.491	1.491	0 %100
155	M174	X	.831	.831	0 %100
156	M174	Z	1.44	1.44	0 %100
157	M175	X	1.183	1.183	0 %100
158	M175	Z	2.049	2.049	0 %100
159	M176	X	1.123	1.123	0 %100
160	M176	Z	1.946	1.946	0 %100
161	M177A	X	1.195	1.195	0 %100
162	M177A	Z	2.07	2.07	0 %100
163	M178	X	1.128	1.128	0 %100
164	M178	Z	1.954	1.954	0 %100
165	M179	X	1.162	1.162	0 %100
166	M179	Z	2.013	2.013	0 %100
167	M181	X	1.181	1.181	0 %100
168	M181	Z	2.046	2.046	0 %100
169	M182	X	1.124	1.124	0 %100
170	M182	Z	1.946	1.946	0 %100
171	M183	X	1.133	1.133	0 %100
172	M183	Z	1.962	1.962	0 %100
173	M184	X	1.098	1.098	0 %100
174	M184	Z	1.902	1.902	0 %100
175	M185	X	1.108	1.108	0 %100
176	M185	Z	1.919	1.919	0 %100
177	M186	X	1.073	1.073	0 %100
178	M186	Z	1.859	1.859	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.%]
179	M187	X	1.091	1.091	0 %100
180	M187	Z	1.89	1.89	0 %100
181	M188	X	1.06	1.06	0 %100
182	M188	Z	1.836	1.836	0 %100
183	M189	X	1.077	1.077	0 %100
184	M189	Z	1.866	1.866	0 %100
185	M190	X	1.049	1.049	0 %100
186	M190	Z	1.818	1.818	0 %100
187	M191	X	1.048	1.048	0 %100
188	M191	Z	1.815	1.815	0 %100
189	M194	X	.849	.849	0 %100
190	M194	Z	1.471	1.471	0 %100
191	M195	X	.845	.845	0 %100
192	M195	Z	1.464	1.464	0 %100
193	M196	X	1.17	1.17	0 %100
194	M196	Z	2.027	2.027	0 %100
195	M197	X	1.162	1.162	0 %100
196	M197	Z	2.013	2.013	0 %100
197	M198	X	1.17	1.17	0 %100
198	M198	Z	2.027	2.027	0 %100
199	M199	X	1.162	1.162	0 %100
200	M199	Z	2.013	2.013	0 %100
201	M200	X	1.242	1.242	0 %100
202	M200	Z	2.152	2.152	0 %100
203	M201	X	1.162	1.162	0 %100
204	M201	Z	2.013	2.013	0 %100
205	M202	X	1.237	1.237	0 %100
206	M202	Z	2.142	2.142	0 %100
207	M203	X	1.162	1.162	0 %100
208	M203	Z	2.013	2.013	0 %100
209	M204	X	.894	.894	0 %100
210	M204	Z	1.548	1.548	0 %100
211	M205	X	.89	.89	0 %100
212	M205	Z	1.541	1.541	0 %100
213	M210	X	.831	.831	0 %100
214	M210	Z	1.439	1.439	0 %100
215	M211	X	.876	.876	0 %100
216	M211	Z	1.517	1.517	0 %100
217	M212	X	1.132	1.132	0 %100
218	M212	Z	1.96	1.96	0 %100
219	M213	X	1.131	1.131	0 %100
220	M213	Z	1.96	1.96	0 %100
221	M214	X	.873	.873	0 %100
222	M214	Z	1.512	1.512	0 %100
223	M215	X	1.125	1.125	0 %100
224	M215	Z	1.948	1.948	0 %100
225	M216	X	1.128	1.128	0 %100
226	M216	Z	1.953	1.953	0 %100
227	M217	X	.83	.83	0 %100
228	M217	Z	1.438	1.438	0 %100
229	M218	X	1.063	1.063	0 %100
230	M218	Z	1.842	1.842	0 %100
231	M219	X	1.06	1.06	0 %100
232	M219	Z	1.836	1.836	0 %100
233	M241	X	2.089	2.089	0 %100
234	M241	Z	3.618	3.618	0 %100
235	M242	X	.15	.15	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, %]
236	M242	Z	.26	.26	0 %100
237	M243	X	2.135	2.135	0 %100
238	M243	Z	3.698	3.698	0 %100
239	M244	X	.534	.534	0 %100
240	M244	Z	.925	.925	0 %100
241	M245	X	.466	.466	0 %100
242	M245	Z	.807	.807	0 %100
243	M246	X	.425	.425	0 %100
244	M246	Z	.736	.736	0 %100
245	M247	X	.451	.451	0 %100
246	M247	Z	.782	.782	0 %100
247	M248	X	1.334	1.334	0 %100
248	M248	Z	2.311	2.311	0 %100
249	M249	X	1.248	1.248	0 %100
250	M249	Z	2.161	2.161	0 %100
251	M250	X	1.16	1.16	0 %100
252	M250	Z	2.009	2.009	0 %100
253	M251	X	1.334	1.334	0 %100
254	M251	Z	2.311	2.311	0 %100
255	M252	X	1.248	1.248	0 %100
256	M252	Z	2.161	2.161	0 %100
257	M253	X	1.16	1.16	0 %100
258	M253	Z	2.009	2.009	0 %100
259	M274	X	.225	.225	0 %100
260	M274	Z	.39	.39	0 %100
261	M275	X	.218	.218	0 %100
262	M275	Z	.378	.378	0 %100
263	M276	X	.455	.455	0 %100
264	M276	Z	.787	.787	0 %100
265	M277	X	.365	.365	0 %100
266	M277	Z	.632	.632	0 %100
267	M278	X	.296	.296	0 %100
268	M278	Z	.512	.512	0 %100
269	M279	X	.281	.281	0 %100
270	M279	Z	.486	.486	0 %100
271	M280	X	.372	.372	0 %100
272	M280	Z	.645	.645	0 %100
273	M281	X	.331	.331	0 %100
274	M281	Z	.573	.573	0 %100
275	M282	X	.99	.99	0 %100
276	M282	Z	1.714	1.714	0 %100
277	M284	X	.65	.65	0 %100
278	M284	Z	1.127	1.127	0 %100
279	M285	X	.963	.963	0 %100
280	M285	Z	1.668	1.668	0 %100
281	M286	X	.61	.61	0 %100
282	M286	Z	1.057	1.057	0 %100
283	M287	X	.939	.939	0 %100
284	M287	Z	1.626	1.626	0 %100
285	M288	X	.536	.536	0 %100
286	M288	Z	.928	.928	0 %100
287	M289	X	.919	.919	0 %100
288	M289	Z	1.591	1.591	0 %100
289	M290	X	.503	.503	0 %100
290	M290	Z	.872	.872	0 %100
291	M291	X	.908	.908	0 %100
292	M291	Z	1.573	1.573	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.%]
293	M292	X	.467	.467	0 %100
294	M292	Z	.809	.809	0 %100
295	M293	X	.899	.899	0 %100
296	M293	Z	1.558	1.558	0 %100
297	M294	X	.893	.893	0 %100
298	M294	Z	1.546	1.546	0 %100
299	M297	X	.212	.212	0 %100
300	M297	Z	.368	.368	0 %100
301	M298	X	.211	.211	0 %100
302	M298	Z	.366	.366	0 %100
303	M299	X	.293	.293	0 %100
304	M299	Z	.507	.507	0 %100
305	M300	X	.291	.291	0 %100
306	M300	Z	.503	.503	0 %100
307	M301	X	.293	.293	0 %100
308	M301	Z	.507	.507	0 %100
309	M302	X	.291	.291	0 %100
310	M302	Z	.503	.503	0 %100
311	M303	X	.657	.657	0 %100
312	M303	Z	1.138	1.138	0 %100
313	M304	X	.99	.99	0 %100
314	M304	Z	1.714	1.714	0 %100
315	M305	X	.67	.67	0 %100
316	M305	Z	1.161	1.161	0 %100
317	M306	X	.99	.99	0 %100
318	M306	Z	1.714	1.714	0 %100
319	M307A	X	.223	.223	0 %100
320	M307A	Z	.387	.387	0 %100
321	M308A	X	.222	.222	0 %100
322	M308A	Z	.385	.385	0 %100
323	M313A	X	.302	.302	0 %100
324	M313A	Z	.523	.523	0 %100
325	M314A	X	.219	.219	0 %100
326	M314A	Z	.379	.379	0 %100
327	M315A	X	.283	.283	0 %100
328	M315A	Z	.49	.49	0 %100
329	M316A	X	.312	.312	0 %100
330	M316A	Z	.54	.54	0 %100
331	M317A	X	.218	.218	0 %100
332	M317A	Z	.378	.378	0 %100
333	M318A	X	.281	.281	0 %100
334	M318A	Z	.487	.487	0 %100
335	M319A	X	.311	.311	0 %100
336	M319A	Z	.538	.538	0 %100
337	M320A	X	.301	.301	0 %100
338	M320A	Z	.522	.522	0 %100
339	M321A	X	.45	.45	0 %100
340	M321A	Z	.78	.78	0 %100
341	M322A	X	.359	.359	0 %100
342	M322A	Z	.622	.622	0 %100
343	M327	X	0	0	0 %100
344	M327	Z	0	0	0 %100
345	MP1C	X	2.205	2.205	0 %100
346	MP1C	Z	3.82	3.82	0 %100
347	MP2C	X	2.205	2.205	0 %100
348	MP2C	Z	3.82	3.82	0 %100
349	MP3C	X	2.205	2.205	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, %]
350	MP3C	Z	3.82	3.82	0 %100
351	MP4C	X	2.205	2.205	0 %100
352	MP4C	Z	3.82	3.82	0 %100
353	M336A	X	0	0	0 %100
354	M336A	Z	0	0	0 %100
355	M342	X	1.654	1.654	0 %100
356	M342	Z	2.865	2.865	0 %100
357	MP1B	X	2.205	2.205	0 %100
358	MP1B	Z	3.82	3.82	0 %100
359	MP2B	X	2.205	2.205	0 %100
360	MP2B	Z	3.82	3.82	0 %100
361	MP3B	X	2.205	2.205	0 %100
362	MP3B	Z	3.82	3.82	0 %100
363	MP4B	X	2.205	2.205	0 %100
364	MP4B	Z	3.82	3.82	0 %100
365	M351	X	1.522	1.522	0 %100
366	M351	Z	2.636	2.636	0 %100
367	M356	X	1.416	1.416	0 %100
368	M356	Z	2.453	2.453	0 %100
369	M359	X	0	0	0 %100
370	M359	Z	0	0	0 %100
371	M360	X	1.489	1.489	0 %100
372	M360	Z	2.58	2.58	0 %100
373	M361	X	1.489	1.489	0 %100
374	M361	Z	2.58	2.58	0 %100
375	M364	X	1.299	1.299	0 %100
376	M364	Z	2.249	2.249	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	M122	X	0	0	0 %100
2	M122	Z	2.239	2.239	0 %100
3	M123	X	0	0	0 %100
4	M123	Z	2.239	2.239	0 %100
5	M124	X	0	0	0 %100
6	M124	Z	3.203	3.203	0 %100
7	M125	X	0	0	0 %100
8	M125	Z	3.203	3.203	0 %100
9	M126	X	0	0	0 %100
10	M126	Z	0	0	0 %100
11	M127	X	0	0	0 %100
12	M127	Z	.000263	.000263	0 %100
13	M128	X	0	0	0 %100
14	M128	Z	.000263	.000263	0 %100
15	M129	X	0	0	0 %100
16	M129	Z	3.557	3.557	0 %100
17	M130	X	0	0	0 %100
18	M130	Z	3.327	3.327	0 %100
19	M131	X	0	0	0 %100
20	M131	Z	3.092	3.092	0 %100
21	M132	X	0	0	0 %100
22	M132	Z	3.557	3.557	0 %100
23	M133	X	0	0	0 %100
24	M133	Z	3.327	3.327	0 %100
25	M134	X	0	0	0 %100
26	M134	Z	3.092	3.092	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, %]	
27	M177	X	0	0	0	%100
28	M177	Z	4.41	4.41	0	%100
29	M287A	X	0	0	0	%100
30	M287A	Z	0	0	0	%100
31	M289A	X	0	0	0	%100
32	M289A	Z	0	0	0	%100
33	M290A	X	0	0	0	%100
34	M290A	Z	.638	.638	0	%100
35	M292A	X	0	0	0	%100
36	M292A	Z	.419	.419	0	%100
37	M293A	X	0	0	0	%100
38	M293A	Z	0	0	0	%100
39	M295A	X	0	0	0	%100
40	M295A	Z	0	0	0	%100
41	M296A	X	0	0	0	%100
42	M296A	Z	.196	.196	0	%100
43	M298A	X	0	0	0	%100
44	M298A	Z	.131	.131	0	%100
45	M299A	X	0	0	0	%100
46	M299A	Z	1.865	1.865	0	%100
47	M301A	X	0	0	0	%100
48	M301A	Z	.947	.947	0	%100
49	M302A	X	0	0	0	%100
50	M302A	Z	1.819	1.819	0	%100
51	M305A	X	0	0	0	%100
52	M305A	Z	.872	.872	0	%100
53	M306A	X	0	0	0	%100
54	M306A	Z	1.772	1.772	0	%100
55	M307	X	0	0	0	%100
56	M307	Z	.689	.689	0	%100
57	M308	X	0	0	0	%100
58	M308	Z	1.735	1.735	0	%100
59	M309	X	0	0	0	%100
60	M309	Z	.614	.614	0	%100
61	M310	X	0	0	0	%100
62	M310	Z	1.715	1.715	0	%100
63	M311	X	0	0	0	%100
64	M311	Z	.527	.527	0	%100
65	M312	X	0	0	0	%100
66	M312	Z	1.699	1.699	0	%100
67	M313	X	0	0	0	%100
68	M313	Z	1.682	1.682	0	%100
69	M316	X	0	0	0	%100
70	M316	Z	0	0	0	%100
71	M317	X	0	0	0	%100
72	M317	Z	0	0	0	%100
73	M318	X	0	0	0	%100
74	M318	Z	0	0	0	%100
75	M319	X	0	0	0	%100
76	M319	Z	0	0	0	%100
77	M320	X	0	0	0	%100
78	M320	Z	0	0	0	%100
79	M321	X	0	0	0	%100
80	M321	Z	0	0	0	%100
81	M322	X	0	0	0	%100
82	M322	Z	.924	.924	0	%100
83	M323A	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
84	M323A	Z	1.865	1.865	0 %100
85	M324A	X	0	0	0 %100
86	M324A	Z	.963	.963	0 %100
87	M325A	X	0	0	0 %100
88	M325A	Z	1.865	1.865	0 %100
89	M326A	X	0	0	0 %100
90	M326A	Z	0	0	0 %100
91	M327A	X	0	0	0 %100
92	M327A	Z	0	0	0 %100
93	M332B	X	0	0	0 %100
94	M332B	Z	.251	.251	0 %100
95	M333A	X	0	0	0 %100
96	M333A	Z	0	0	0 %100
97	M334A	X	0	0	0 %100
98	M334A	Z	0	0	0 %100
99	M335A	X	0	0	0 %100
100	M335A	Z	.077	.077	0 %100
101	M336	X	0	0	0 %100
102	M336	Z	0	0	0 %100
103	M337	X	0	0	0 %100
104	M337	Z	0	0	0 %100
105	M338	X	0	0	0 %100
106	M338	Z	.076	.076	0 %100
107	M339	X	0	0	0 %100
108	M339	Z	.25	.25	0 %100
109	M344	X	0	0	0 %100
110	M344	Z	.491	.491	0 %100
111	M345	X	0	0	0 %100
112	M345	Z	.251	.251	0 %100
113	MP1A	X	0	0	0 %100
114	MP1A	Z	4.41	4.41	0 %100
115	MP2A	X	0	0	0 %100
116	MP2A	Z	4.41	4.41	0 %100
117	MP3A	X	0	0	0 %100
118	MP3A	Z	4.41	4.41	0 %100
119	MP4A	X	0	0	0 %100
120	MP4A	Z	4.41	4.41	0 %100
121	M344A	X	0	0	0 %100
122	M344A	Z	4.058	4.058	0 %100
123	M138	X	0	0	0 %100
124	M138	Z	.3	.3	0 %100
125	M139	X	0	0	0 %100
126	M139	Z	4.177	4.177	0 %100
127	M140	X	0	0	0 %100
128	M140	Z	0	0	0 %100
129	M141	X	0	0	0 %100
130	M141	Z	3.203	3.203	0 %100
131	M142	X	0	0	0 %100
132	M142	Z	2.796	2.796	0 %100
133	M143	X	0	0	0 %100
134	M143	Z	2.655	2.655	0 %100
135	M144	X	0	0	0 %100
136	M144	Z	2.602	2.602	0 %100
137	M145	X	0	0	0 %100
138	M145	Z	.889	.889	0 %100
139	M146	X	0	0	0 %100
140	M146	Z	.832	.832	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, %]
141	M147	X	0	0	%100
142	M147	Z	.773	.773	%100
143	M148	X	0	0	%100
144	M148	Z	.889	.889	%100
145	M149	X	0	0	%100
146	M149	Z	.832	.832	%100
147	M150	X	0	0	%100
148	M150	Z	.773	.773	%100
149	M171	X	0	0	%100
150	M171	Z	1.35	1.35	%100
151	M172	X	0	0	%100
152	M172	Z	1.309	1.309	%100
153	M173	X	0	0	%100
154	M173	Z	1.451	1.451	%100
155	M174	X	0	0	%100
156	M174	Z	1.352	1.352	%100
157	M175	X	0	0	%100
158	M175	Z	1.775	1.775	%100
159	M176	X	0	0	%100
160	M176	Z	1.685	1.685	%100
161	M177A	X	0	0	%100
162	M177A	Z	1.842	1.842	%100
163	M178	X	0	0	%100
164	M178	Z	1.725	1.725	%100
165	M179	X	0	0	%100
166	M179	Z	2.21	2.21	%100
167	M181	X	0	0	%100
168	M181	Z	2.009	2.009	%100
169	M182	X	0	0	%100
170	M182	Z	2.14	2.14	%100
171	M183	X	0	0	%100
172	M183	Z	1.918	1.918	%100
173	M184	X	0	0	%100
174	M184	Z	2.09	2.09	%100
175	M185	X	0	0	%100
176	M185	Z	1.834	1.834	%100
177	M186	X	0	0	%100
178	M186	Z	2.043	2.043	%100
179	M187	X	0	0	%100
180	M187	Z	1.791	1.791	%100
181	M188	X	0	0	%100
182	M188	Z	2.019	2.019	%100
183	M189	X	0	0	%100
184	M189	Z	1.748	1.748	%100
185	M190	X	0	0	%100
186	M190	Z	1.999	1.999	%100
187	M191	X	0	0	%100
188	M191	Z	1.992	1.992	%100
189	M194	X	0	0	%100
190	M194	Z	1.274	1.274	%100
191	M195	X	0	0	%100
192	M195	Z	1.268	1.268	%100
193	M196	X	0	0	%100
194	M196	Z	1.755	1.755	%100
195	M197	X	0	0	%100
196	M197	Z	1.743	1.743	%100
197	M198	X	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
198	M198	Z	1.756	1.756	0 %100
199	M199	X	0	0	0 %100
200	M199	Z	1.743	1.743	0 %100
201	M200	X	0	0	0 %100
202	M200	Z	2.095	2.095	0 %100
203	M201	X	0	0	0 %100
204	M201	Z	2.21	2.21	0 %100
205	M202	X	0	0	0 %100
206	M202	Z	2.096	2.096	0 %100
207	M203	X	0	0	0 %100
208	M203	Z	2.21	2.21	0 %100
209	M204	X	0	0	0 %100
210	M204	Z	1.341	1.341	0 %100
211	M205	X	0	0	0 %100
212	M205	Z	1.335	1.335	0 %100
213	M210	X	0	0	0 %100
214	M210	Z	1.309	1.309	0 %100
215	M211	X	0	0	0 %100
216	M211	Z	1.314	1.314	0 %100
217	M212	X	0	0	0 %100
218	M212	Z	1.698	1.698	0 %100
219	M213	X	0	0	0 %100
220	M213	Z	1.716	1.716	0 %100
221	M214	X	0	0	0 %100
222	M214	Z	1.31	1.31	0 %100
223	M215	X	0	0	0 %100
224	M215	Z	1.687	1.687	0 %100
225	M216	X	0	0	0 %100
226	M216	Z	1.711	1.711	0 %100
227	M217	X	0	0	0 %100
228	M217	Z	1.308	1.308	0 %100
229	M218	X	0	0	0 %100
230	M218	Z	1.718	1.718	0 %100
231	M219	X	0	0	0 %100
232	M219	Z	1.652	1.652	0 %100
233	M241	X	0	0	0 %100
234	M241	Z	4.177	4.177	0 %100
235	M242	X	0	0	0 %100
236	M242	Z	.3	.3	0 %100
237	M243	X	0	0	0 %100
238	M243	Z	3.203	3.203	0 %100
239	M244	X	0	0	0 %100
240	M244	Z	0	0	0 %100
241	M245	X	0	0	0 %100
242	M245	Z	2.796	2.796	0 %100
243	M246	X	0	0	0 %100
244	M246	Z	2.602	2.602	0 %100
245	M247	X	0	0	0 %100
246	M247	Z	2.655	2.655	0 %100
247	M248	X	0	0	0 %100
248	M248	Z	.889	.889	0 %100
249	M249	X	0	0	0 %100
250	M249	Z	.832	.832	0 %100
251	M250	X	0	0	0 %100
252	M250	Z	.773	.773	0 %100
253	M251	X	0	0	0 %100
254	M251	Z	.889	.889	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.%]	
255	M252	X	0	0	0	%100
256	M252	Z	.832	.832	0	%100
257	M253	X	0	0	0	%100
258	M253	Z	.773	.773	0	%100
259	M274	X	0	0	0	%100
260	M274	Z	1.35	1.35	0	%100
261	M275	X	0	0	0	%100
262	M275	Z	1.309	1.309	0	%100
263	M276	X	0	0	0	%100
264	M276	Z	1.451	1.451	0	%100
265	M277	X	0	0	0	%100
266	M277	Z	1.352	1.352	0	%100
267	M278	X	0	0	0	%100
268	M278	Z	1.775	1.775	0	%100
269	M279	X	0	0	0	%100
270	M279	Z	1.685	1.685	0	%100
271	M280	X	0	0	0	%100
272	M280	Z	1.842	1.842	0	%100
273	M281	X	0	0	0	%100
274	M281	Z	1.725	1.725	0	%100
275	M282	X	0	0	0	%100
276	M282	Z	2.21	2.21	0	%100
277	M284	X	0	0	0	%100
278	M284	Z	2.009	2.009	0	%100
279	M285	X	0	0	0	%100
280	M285	Z	2.14	2.14	0	%100
281	M286	X	0	0	0	%100
282	M286	Z	1.918	1.918	0	%100
283	M287	X	0	0	0	%100
284	M287	Z	2.09	2.09	0	%100
285	M288	X	0	0	0	%100
286	M288	Z	1.834	1.834	0	%100
287	M289	X	0	0	0	%100
288	M289	Z	2.043	2.043	0	%100
289	M290	X	0	0	0	%100
290	M290	Z	1.791	1.791	0	%100
291	M291	X	0	0	0	%100
292	M291	Z	2.019	2.019	0	%100
293	M292	X	0	0	0	%100
294	M292	Z	1.748	1.748	0	%100
295	M293	X	0	0	0	%100
296	M293	Z	1.999	1.999	0	%100
297	M294	X	0	0	0	%100
298	M294	Z	1.992	1.992	0	%100
299	M297	X	0	0	0	%100
300	M297	Z	1.274	1.274	0	%100
301	M298	X	0	0	0	%100
302	M298	Z	1.268	1.268	0	%100
303	M299	X	0	0	0	%100
304	M299	Z	1.755	1.755	0	%100
305	M300	X	0	0	0	%100
306	M300	Z	1.743	1.743	0	%100
307	M301	X	0	0	0	%100
308	M301	Z	1.756	1.756	0	%100
309	M302	X	0	0	0	%100
310	M302	Z	1.743	1.743	0	%100
311	M303	X	0	0	0	%100





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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
312	M303	Z	2.095	2.095	0 %100
313	M304	X	0	0	0 %100
314	M304	Z	2.21	2.21	0 %100
315	M305	X	0	0	0 %100
316	M305	Z	2.096	2.096	0 %100
317	M306	X	0	0	0 %100
318	M306	Z	2.21	2.21	0 %100
319	M307A	X	0	0	0 %100
320	M307A	Z	1.341	1.341	0 %100
321	M308A	X	0	0	0 %100
322	M308A	Z	1.335	1.335	0 %100
323	M313A	X	0	0	0 %100
324	M313A	Z	1.309	1.309	0 %100
325	M314A	X	0	0	0 %100
326	M314A	Z	1.314	1.314	0 %100
327	M315A	X	0	0	0 %100
328	M315A	Z	1.698	1.698	0 %100
329	M316A	X	0	0	0 %100
330	M316A	Z	1.716	1.716	0 %100
331	M317A	X	0	0	0 %100
332	M317A	Z	1.31	1.31	0 %100
333	M318A	X	0	0	0 %100
334	M318A	Z	1.687	1.687	0 %100
335	M319A	X	0	0	0 %100
336	M319A	Z	1.711	1.711	0 %100
337	M320A	X	0	0	0 %100
338	M320A	Z	1.308	1.308	0 %100
339	M321A	X	0	0	0 %100
340	M321A	Z	1.718	1.718	0 %100
341	M322A	X	0	0	0 %100
342	M322A	Z	1.652	1.652	0 %100
343	M327	X	0	0	0 %100
344	M327	Z	1.103	1.103	0 %100
345	MP1C	X	0	0	0 %100
346	MP1C	Z	4.41	4.41	0 %100
347	MP2C	X	0	0	0 %100
348	MP2C	Z	4.41	4.41	0 %100
349	MP3C	X	0	0	0 %100
350	MP3C	Z	4.41	4.41	0 %100
351	MP4C	X	0	0	0 %100
352	MP4C	Z	4.41	4.41	0 %100
353	M336A	X	0	0	0 %100
354	M336A	Z	1.015	1.015	0 %100
355	M342	X	0	0	0 %100
356	M342	Z	1.103	1.103	0 %100
357	MP1B	X	0	0	0 %100
358	MP1B	Z	4.41	4.41	0 %100
359	MP2B	X	0	0	0 %100
360	MP2B	Z	4.41	4.41	0 %100
361	MP3B	X	0	0	0 %100
362	MP3B	Z	4.41	4.41	0 %100
363	MP4B	X	0	0	0 %100
364	MP4B	Z	4.41	4.41	0 %100
365	M351	X	0	0	0 %100
366	M351	Z	1.015	1.015	0 %100
367	M356	X	0	0	0 %100
368	M356	Z	2.832	2.832	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, %]
369	M359	X	0	0	0	%100
370	M359	Z	.993	.993	0	%100
371	M360	X	0	0	0	%100
372	M360	Z	.993	.993	0	%100
373	M361	X	0	0	0	%100
374	M361	Z	3.972	3.972	0	%100
375	M364	X	0	0	0	%100
376	M364	Z	2.597	2.597	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	M122	X	-2.089	-2.089	0	%100
2	M122	Z	3.618	3.618	0	%100
3	M123	X	-.15	-.15	0	%100
4	M123	Z	.26	.26	0	%100
5	M124	X	-2.135	-2.135	0	%100
6	M124	Z	3.698	3.698	0	%100
7	M125	X	-.534	-.534	0	%100
8	M125	Z	.925	.925	0	%100
9	M126	X	-.466	-.466	0	%100
10	M126	Z	.807	.807	0	%100
11	M127	X	-.425	-.425	0	%100
12	M127	Z	.736	.736	0	%100
13	M128	X	-.451	-.451	0	%100
14	M128	Z	.782	.782	0	%100
15	M129	X	-1.334	-1.334	0	%100
16	M129	Z	2.311	2.311	0	%100
17	M130	X	-1.248	-1.248	0	%100
18	M130	Z	2.161	2.161	0	%100
19	M131	X	-1.16	-1.16	0	%100
20	M131	Z	2.009	2.009	0	%100
21	M132	X	-1.334	-1.334	0	%100
22	M132	Z	2.311	2.311	0	%100
23	M133	X	-1.248	-1.248	0	%100
24	M133	Z	2.161	2.161	0	%100
25	M134	X	-1.16	-1.16	0	%100
26	M134	Z	2.009	2.009	0	%100
27	M177	X	-1.654	-1.654	0	%100
28	M177	Z	2.865	2.865	0	%100
29	M287A	X	-.225	-.225	0	%100
30	M287A	Z	.39	.39	0	%100
31	M289A	X	-.218	-.218	0	%100
32	M289A	Z	.378	.378	0	%100
33	M290A	X	-.455	-.455	0	%100
34	M290A	Z	.787	.787	0	%100
35	M292A	X	-.365	-.365	0	%100
36	M292A	Z	.632	.632	0	%100
37	M293A	X	-.296	-.296	0	%100
38	M293A	Z	.512	.512	0	%100
39	M295A	X	-.281	-.281	0	%100
40	M295A	Z	.486	.486	0	%100
41	M296A	X	-.372	-.372	0	%100
42	M296A	Z	.645	.645	0	%100
43	M298A	X	-.331	-.331	0	%100
44	M298A	Z	.573	.573	0	%100
45	M299A	X	-.99	-.99	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, %]
103	M337	X	-281	-281	0 %100
104	M337	Z	.487	.487	0 %100
105	M338	X	-.311	-.311	0 %100
106	M338	Z	.538	.538	0 %100
107	M339	X	-.301	-.301	0 %100
108	M339	Z	.522	.522	0 %100
109	M344	X	-.45	-.45	0 %100
110	M344	Z	.78	.78	0 %100
111	M345	X	-.359	-.359	0 %100
112	M345	Z	.622	.622	0 %100
113	MP1A	X	-2.205	-2.205	0 %100
114	MP1A	Z	3.82	3.82	0 %100
115	MP2A	X	-2.205	-2.205	0 %100
116	MP2A	Z	3.82	3.82	0 %100
117	MP3A	X	-2.205	-2.205	0 %100
118	MP3A	Z	3.82	3.82	0 %100
119	MP4A	X	-2.205	-2.205	0 %100
120	MP4A	Z	3.82	3.82	0 %100
121	M344A	X	-1.522	-1.522	0 %100
122	M344A	Z	2.636	2.636	0 %100
123	M138	X	-.15	-.15	0 %100
124	M138	Z	.26	.26	0 %100
125	M139	X	-2.089	-2.089	0 %100
126	M139	Z	3.618	3.618	0 %100
127	M140	X	-.534	-.534	0 %100
128	M140	Z	.925	.925	0 %100
129	M141	X	-2.135	-2.135	0 %100
130	M141	Z	3.698	3.698	0 %100
131	M142	X	-.466	-.466	0 %100
132	M142	Z	.807	.807	0 %100
133	M143	X	-.451	-.451	0 %100
134	M143	Z	.782	.782	0 %100
135	M144	X	-.425	-.425	0 %100
136	M144	Z	.736	.736	0 %100
137	M145	X	-1.334	-1.334	0 %100
138	M145	Z	2.311	2.311	0 %100
139	M146	X	-1.248	-1.248	0 %100
140	M146	Z	2.161	2.161	0 %100
141	M147	X	-1.16	-1.16	0 %100
142	M147	Z	2.009	2.009	0 %100
143	M148	X	-1.334	-1.334	0 %100
144	M148	Z	2.311	2.311	0 %100
145	M149	X	-1.248	-1.248	0 %100
146	M149	Z	2.161	2.161	0 %100
147	M150	X	-1.16	-1.16	0 %100
148	M150	Z	2.009	2.009	0 %100
149	M171	X	-.225	-.225	0 %100
150	M171	Z	.39	.39	0 %100
151	M172	X	-.218	-.218	0 %100
152	M172	Z	.378	.378	0 %100
153	M173	X	-.455	-.455	0 %100
154	M173	Z	.787	.787	0 %100
155	M174	X	-.365	-.365	0 %100
156	M174	Z	.632	.632	0 %100
157	M175	X	-.296	-.296	0 %100
158	M175	Z	.512	.512	0 %100
159	M176	X	-.281	-.281	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, %]
160	M176	Z	.486	.486	0 %100
161	M177A	X	-.372	-.372	0 %100
162	M177A	Z	.645	.645	0 %100
163	M178	X	-.331	-.331	0 %100
164	M178	Z	.573	.573	0 %100
165	M179	X	-.99	-.99	0 %100
166	M179	Z	1.714	1.714	0 %100
167	M181	X	-.65	-.65	0 %100
168	M181	Z	1.127	1.127	0 %100
169	M182	X	-.963	-.963	0 %100
170	M182	Z	1.668	1.668	0 %100
171	M183	X	-.61	-.61	0 %100
172	M183	Z	1.057	1.057	0 %100
173	M184	X	-.939	-.939	0 %100
174	M184	Z	1.626	1.626	0 %100
175	M185	X	-.536	-.536	0 %100
176	M185	Z	.928	.928	0 %100
177	M186	X	-.919	-.919	0 %100
178	M186	Z	1.591	1.591	0 %100
179	M187	X	-.503	-.503	0 %100
180	M187	Z	.872	.872	0 %100
181	M188	X	-.908	-.908	0 %100
182	M188	Z	1.573	1.573	0 %100
183	M189	X	-.467	-.467	0 %100
184	M189	Z	.809	.809	0 %100
185	M190	X	-.899	-.899	0 %100
186	M190	Z	1.558	1.558	0 %100
187	M191	X	-.893	-.893	0 %100
188	M191	Z	1.546	1.546	0 %100
189	M194	X	-.212	-.212	0 %100
190	M194	Z	.368	.368	0 %100
191	M195	X	-.211	-.211	0 %100
192	M195	Z	.366	.366	0 %100
193	M196	X	-.293	-.293	0 %100
194	M196	Z	.507	.507	0 %100
195	M197	X	-.291	-.291	0 %100
196	M197	Z	.503	.503	0 %100
197	M198	X	-.293	-.293	0 %100
198	M198	Z	.507	.507	0 %100
199	M199	X	-.291	-.291	0 %100
200	M199	Z	.503	.503	0 %100
201	M200	X	-.657	-.657	0 %100
202	M200	Z	1.138	1.138	0 %100
203	M201	X	-.99	-.99	0 %100
204	M201	Z	1.714	1.714	0 %100
205	M202	X	-.67	-.67	0 %100
206	M202	Z	1.161	1.161	0 %100
207	M203	X	-.99	-.99	0 %100
208	M203	Z	1.714	1.714	0 %100
209	M204	X	-.223	-.223	0 %100
210	M204	Z	.387	.387	0 %100
211	M205	X	-.222	-.222	0 %100
212	M205	Z	.385	.385	0 %100
213	M210	X	-.302	-.302	0 %100
214	M210	Z	.523	.523	0 %100
215	M211	X	-.219	-.219	0 %100
216	M211	Z	.379	.379	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, %]
217	M212	X	-.283	-.283	0 %100
218	M212	Z	.49	.49	0 %100
219	M213	X	-.312	-.312	0 %100
220	M213	Z	.54	.54	0 %100
221	M214	X	-.218	-.218	0 %100
222	M214	Z	.378	.378	0 %100
223	M215	X	-.281	-.281	0 %100
224	M215	Z	.487	.487	0 %100
225	M216	X	-.311	-.311	0 %100
226	M216	Z	.538	.538	0 %100
227	M217	X	-.301	-.301	0 %100
228	M217	Z	.522	.522	0 %100
229	M218	X	-.45	-.45	0 %100
230	M218	Z	.78	.78	0 %100
231	M219	X	-.359	-.359	0 %100
232	M219	Z	.622	.622	0 %100
233	M241	X	-1.119	-1.119	0 %100
234	M241	Z	1.939	1.939	0 %100
235	M242	X	-1.119	-1.119	0 %100
236	M242	Z	1.939	1.939	0 %100
237	M243	X	-.534	-.534	0 %100
238	M243	Z	.925	.925	0 %100
239	M244	X	-.534	-.534	0 %100
240	M244	Z	.925	.925	0 %100
241	M245	X	-1.864	-1.864	0 %100
242	M245	Z	3.228	3.228	0 %100
243	M246	X	-1.752	-1.752	0 %100
244	M246	Z	3.035	3.035	0 %100
245	M247	X	-1.752	-1.752	0 %100
246	M247	Z	3.035	3.035	0 %100
247	M248	X	0	0	0 %100
248	M248	Z	0	0	0 %100
249	M249	X	0	0	0 %100
250	M249	Z	0	0	0 %100
251	M250	X	0	0	0 %100
252	M250	Z	0	0	0 %100
253	M251	X	0	0	0 %100
254	M251	Z	0	0	0 %100
255	M252	X	0	0	0 %100
256	M252	Z	0	0	0 %100
257	M253	X	0	0	0 %100
258	M253	Z	0	0	0 %100
259	M274	X	-.9	-.9	0 %100
260	M274	Z	1.559	1.559	0 %100
261	M275	X	-.873	-.873	0 %100
262	M275	Z	1.511	1.511	0 %100
263	M276	X	-.861	-.861	0 %100
264	M276	Z	1.491	1.491	0 %100
265	M277	X	-.831	-.831	0 %100
266	M277	Z	1.44	1.44	0 %100
267	M278	X	-1.183	-1.183	0 %100
268	M278	Z	2.049	2.049	0 %100
269	M279	X	-1.123	-1.123	0 %100
270	M279	Z	1.946	1.946	0 %100
271	M280	X	-1.195	-1.195	0 %100
272	M280	Z	2.07	2.07	0 %100
273	M281	X	-1.128	-1.128	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.%]
274	M281	Z	1.954	1.954	0 %100
275	M282	X	-1.162	-1.162	0 %100
276	M282	Z	2.013	2.013	0 %100
277	M284	X	-1.181	-1.181	0 %100
278	M284	Z	2.046	2.046	0 %100
279	M285	X	-1.124	-1.124	0 %100
280	M285	Z	1.946	1.946	0 %100
281	M286	X	-1.133	-1.133	0 %100
282	M286	Z	1.962	1.962	0 %100
283	M287	X	-1.098	-1.098	0 %100
284	M287	Z	1.902	1.902	0 %100
285	M288	X	-1.108	-1.108	0 %100
286	M288	Z	1.919	1.919	0 %100
287	M289	X	-1.073	-1.073	0 %100
288	M289	Z	1.859	1.859	0 %100
289	M290	X	-1.091	-1.091	0 %100
290	M290	Z	1.89	1.89	0 %100
291	M291	X	-1.06	-1.06	0 %100
292	M291	Z	1.836	1.836	0 %100
293	M292	X	-1.077	-1.077	0 %100
294	M292	Z	1.866	1.866	0 %100
295	M293	X	-1.049	-1.049	0 %100
296	M293	Z	1.818	1.818	0 %100
297	M294	X	-1.048	-1.048	0 %100
298	M294	Z	1.815	1.815	0 %100
299	M297	X	-.849	-.849	0 %100
300	M297	Z	1.471	1.471	0 %100
301	M298	X	-.845	-.845	0 %100
302	M298	Z	1.464	1.464	0 %100
303	M299	X	-1.17	-1.17	0 %100
304	M299	Z	2.027	2.027	0 %100
305	M300	X	-1.162	-1.162	0 %100
306	M300	Z	2.013	2.013	0 %100
307	M301	X	-1.17	-1.17	0 %100
308	M301	Z	2.027	2.027	0 %100
309	M302	X	-1.162	-1.162	0 %100
310	M302	Z	2.013	2.013	0 %100
311	M303	X	-1.242	-1.242	0 %100
312	M303	Z	2.152	2.152	0 %100
313	M304	X	-1.162	-1.162	0 %100
314	M304	Z	2.013	2.013	0 %100
315	M305	X	-1.237	-1.237	0 %100
316	M305	Z	2.142	2.142	0 %100
317	M306	X	-1.162	-1.162	0 %100
318	M306	Z	2.013	2.013	0 %100
319	M307A	X	-.894	-.894	0 %100
320	M307A	Z	1.548	1.548	0 %100
321	M308A	X	-.89	-.89	0 %100
322	M308A	Z	1.541	1.541	0 %100
323	M313A	X	-.831	-.831	0 %100
324	M313A	Z	1.439	1.439	0 %100
325	M314A	X	-.876	-.876	0 %100
326	M314A	Z	1.517	1.517	0 %100
327	M315A	X	-1.132	-1.132	0 %100
328	M315A	Z	1.96	1.96	0 %100
329	M316A	X	-1.131	-1.131	0 %100
330	M316A	Z	1.96	1.96	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.%,]
331	M317A	X	- .873	- .873	0	%100
332	M317A	Z	1.512	1.512	0	%100
333	M318A	X	-1.125	-1.125	0	%100
334	M318A	Z	1.948	1.948	0	%100
335	M319A	X	-1.128	-1.128	0	%100
336	M319A	Z	1.953	1.953	0	%100
337	M320A	X	- .83	- .83	0	%100
338	M320A	Z	1.438	1.438	0	%100
339	M321A	X	-1.063	-1.063	0	%100
340	M321A	Z	1.842	1.842	0	%100
341	M322A	X	-1.06	-1.06	0	%100
342	M322A	Z	1.836	1.836	0	%100
343	M327	X	-1.654	-1.654	0	%100
344	M327	Z	2.865	2.865	0	%100
345	MP1C	X	-2.205	-2.205	0	%100
346	MP1C	Z	3.82	3.82	0	%100
347	MP2C	X	-2.205	-2.205	0	%100
348	MP2C	Z	3.82	3.82	0	%100
349	MP3C	X	-2.205	-2.205	0	%100
350	MP3C	Z	3.82	3.82	0	%100
351	MP4C	X	-2.205	-2.205	0	%100
352	MP4C	Z	3.82	3.82	0	%100
353	M336A	X	-1.522	-1.522	0	%100
354	M336A	Z	2.636	2.636	0	%100
355	M342	X	0	0	0	%100
356	M342	Z	0	0	0	%100
357	MP1B	X	-2.205	-2.205	0	%100
358	MP1B	Z	3.82	3.82	0	%100
359	MP2B	X	-2.205	-2.205	0	%100
360	MP2B	Z	3.82	3.82	0	%100
361	MP3B	X	-2.205	-2.205	0	%100
362	MP3B	Z	3.82	3.82	0	%100
363	MP4B	X	-2.205	-2.205	0	%100
364	MP4B	Z	3.82	3.82	0	%100
365	M351	X	0	0	0	%100
366	M351	Z	0	0	0	%100
367	M356	X	-1.416	-1.416	0	%100
368	M356	Z	2.453	2.453	0	%100
369	M359	X	-1.489	-1.489	0	%100
370	M359	Z	2.58	2.58	0	%100
371	M360	X	0	0	0	%100
372	M360	Z	0	0	0	%100
373	M361	X	-1.489	-1.489	0	%100
374	M361	Z	2.58	2.58	0	%100
375	M364	X	-1.299	-1.299	0	%100
376	M364	Z	2.249	2.249	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	M122	X	-3.618	-3.618	0	%100
2	M122	Z	2.089	2.089	0	%100
3	M123	X	- .26	- .26	0	%100
4	M123	Z	.15	.15	0	%100
5	M124	X	-2.774	-2.774	0	%100
6	M124	Z	1.601	1.601	0	%100
7	M125	X	0	0	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, %]
8	M125	Z	0	0	0	%100
9	M126	X	-2.421	-2.421	0	%100
10	M126	Z	1.398	1.398	0	%100
11	M127	X	-2.254	-2.254	0	%100
12	M127	Z	1.301	1.301	0	%100
13	M128	X	-2.299	-2.299	0	%100
14	M128	Z	1.328	1.328	0	%100
15	M129	X	-.77	-.77	0	%100
16	M129	Z	.445	.445	0	%100
17	M130	X	-.72	-.72	0	%100
18	M130	Z	.416	.416	0	%100
19	M131	X	-.67	-.67	0	%100
20	M131	Z	.387	.387	0	%100
21	M132	X	-.77	-.77	0	%100
22	M132	Z	.445	.445	0	%100
23	M133	X	-.72	-.72	0	%100
24	M133	Z	.416	.416	0	%100
25	M134	X	-.67	-.67	0	%100
26	M134	Z	.387	.387	0	%100
27	M177	X	-.955	-.955	0	%100
28	M177	Z	.551	.551	0	%100
29	M287A	X	-1.169	-1.169	0	%100
30	M287A	Z	.675	.675	0	%100
31	M289A	X	-1.134	-1.134	0	%100
32	M289A	Z	.654	.654	0	%100
33	M290A	X	-1.257	-1.257	0	%100
34	M290A	Z	.726	.726	0	%100
35	M292A	X	-1.171	-1.171	0	%100
36	M292A	Z	.676	.676	0	%100
37	M293A	X	-1.537	-1.537	0	%100
38	M293A	Z	.887	.887	0	%100
39	M295A	X	-1.459	-1.459	0	%100
40	M295A	Z	.843	.843	0	%100
41	M296A	X	-1.595	-1.595	0	%100
42	M296A	Z	.921	.921	0	%100
43	M298A	X	-1.494	-1.494	0	%100
44	M298A	Z	.862	.862	0	%100
45	M299A	X	-1.914	-1.914	0	%100
46	M299A	Z	1.105	1.105	0	%100
47	M301A	X	-1.739	-1.739	0	%100
48	M301A	Z	1.004	1.004	0	%100
49	M302A	X	-1.853	-1.853	0	%100
50	M302A	Z	1.07	1.07	0	%100
51	M305A	X	-1.661	-1.661	0	%100
52	M305A	Z	.959	.959	0	%100
53	M306A	X	-1.81	-1.81	0	%100
54	M306A	Z	1.045	1.045	0	%100
55	M307	X	-1.588	-1.588	0	%100
56	M307	Z	.917	.917	0	%100
57	M308	X	-1.769	-1.769	0	%100
58	M308	Z	1.022	1.022	0	%100
59	M309	X	-1.551	-1.551	0	%100
60	M309	Z	.895	.895	0	%100
61	M310	X	-1.749	-1.749	0	%100
62	M310	Z	1.01	1.01	0	%100
63	M311	X	-1.514	-1.514	0	%100
64	M311	Z	.874	.874	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, %]
65	M312	X	-1.731	-1.731	0 %100
66	M312	Z	.999	.999	0 %100
67	M313	X	-1.725	-1.725	0 %100
68	M313	Z	.996	.996	0 %100
69	M316	X	-1.103	-1.103	0 %100
70	M316	Z	.637	.637	0 %100
71	M317	X	-1.098	-1.098	0 %100
72	M317	Z	.634	.634	0 %100
73	M318	X	-1.52	-1.52	0 %100
74	M318	Z	.878	.878	0 %100
75	M319	X	-1.51	-1.51	0 %100
76	M319	Z	.872	.872	0 %100
77	M320	X	-1.52	-1.52	0 %100
78	M320	Z	.878	.878	0 %100
79	M321	X	-1.51	-1.51	0 %100
80	M321	Z	.872	.872	0 %100
81	M322	X	-1.814	-1.814	0 %100
82	M322	Z	1.047	1.047	0 %100
83	M323A	X	-1.914	-1.914	0 %100
84	M323A	Z	1.105	1.105	0 %100
85	M324A	X	-1.815	-1.815	0 %100
86	M324A	Z	1.048	1.048	0 %100
87	M325A	X	-1.914	-1.914	0 %100
88	M325A	Z	1.105	1.105	0 %100
89	M326A	X	-1.161	-1.161	0 %100
90	M326A	Z	.67	.67	0 %100
91	M327A	X	-1.156	-1.156	0 %100
92	M327A	Z	.667	.667	0 %100
93	M332B	X	-1.134	-1.134	0 %100
94	M332B	Z	.655	.655	0 %100
95	M333A	X	-1.138	-1.138	0 %100
96	M333A	Z	.657	.657	0 %100
97	M334A	X	-1.47	-1.47	0 %100
98	M334A	Z	.849	.849	0 %100
99	M335A	X	-1.486	-1.486	0 %100
100	M335A	Z	.858	.858	0 %100
101	M336	X	-1.134	-1.134	0 %100
102	M336	Z	.655	.655	0 %100
103	M337	X	-1.461	-1.461	0 %100
104	M337	Z	.844	.844	0 %100
105	M338	X	-1.482	-1.482	0 %100
106	M338	Z	.855	.855	0 %100
107	M339	X	-1.133	-1.133	0 %100
108	M339	Z	.654	.654	0 %100
109	M344	X	-1.488	-1.488	0 %100
110	M344	Z	.859	.859	0 %100
111	M345	X	-1.431	-1.431	0 %100
112	M345	Z	.826	.826	0 %100
113	MP1A	X	-3.82	-3.82	0 %100
114	MP1A	Z	2.205	2.205	0 %100
115	MP2A	X	-3.82	-3.82	0 %100
116	MP2A	Z	2.205	2.205	0 %100
117	MP3A	X	-3.82	-3.82	0 %100
118	MP3A	Z	2.205	2.205	0 %100
119	MP4A	X	-3.82	-3.82	0 %100
120	MP4A	Z	2.205	2.205	0 %100
121	M344A	X	-.879	-.879	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, %]
122	M344A	Z	.507	.507	0 %100
123	M138	X	-1.939	-1.939	0 %100
124	M138	Z	1.119	1.119	0 %100
125	M139	X	-1.939	-1.939	0 %100
126	M139	Z	1.119	1.119	0 %100
127	M140	X	-2.774	-2.774	0 %100
128	M140	Z	1.601	1.601	0 %100
129	M141	X	-2.774	-2.774	0 %100
130	M141	Z	1.601	1.601	0 %100
131	M142	X	0	0	0 %100
132	M142	Z	0	0	0 %100
133	M143	X	-.000228	-.000228	0 %100
134	M143	Z	.000132	.000132	0 %100
135	M144	X	-.000228	-.000228	0 %100
136	M144	Z	.000132	.000132	0 %100
137	M145	X	-3.081	-3.081	0 %100
138	M145	Z	1.779	1.779	0 %100
139	M146	X	-2.882	-2.882	0 %100
140	M146	Z	1.664	1.664	0 %100
141	M147	X	-2.678	-2.678	0 %100
142	M147	Z	1.546	1.546	0 %100
143	M148	X	-3.081	-3.081	0 %100
144	M148	Z	1.779	1.779	0 %100
145	M149	X	-2.882	-2.882	0 %100
146	M149	Z	1.664	1.664	0 %100
147	M150	X	-2.678	-2.678	0 %100
148	M150	Z	1.546	1.546	0 %100
149	M171	X	0	0	0 %100
150	M171	Z	0	0	0 %100
151	M172	X	0	0	0 %100
152	M172	Z	0	0	0 %100
153	M173	X	-.553	-.553	0 %100
154	M173	Z	.319	.319	0 %100
155	M174	X	-.363	-.363	0 %100
156	M174	Z	.21	.21	0 %100
157	M175	X	0	0	0 %100
158	M175	Z	0	0	0 %100
159	M176	X	0	0	0 %100
160	M176	Z	0	0	0 %100
161	M177A	X	-.17	-.17	0 %100
162	M177A	Z	.098	.098	0 %100
163	M178	X	-.113	-.113	0 %100
164	M178	Z	.065	.065	0 %100
165	M179	X	-1.615	-1.615	0 %100
166	M179	Z	.932	.932	0 %100
167	M181	X	-.82	-.82	0 %100
168	M181	Z	.474	.474	0 %100
169	M182	X	-1.575	-1.575	0 %100
170	M182	Z	.909	.909	0 %100
171	M183	X	-.756	-.756	0 %100
172	M183	Z	.436	.436	0 %100
173	M184	X	-1.534	-1.534	0 %100
174	M184	Z	.886	.886	0 %100
175	M185	X	-.597	-.597	0 %100
176	M185	Z	.345	.345	0 %100
177	M186	X	-1.502	-1.502	0 %100
178	M186	Z	.867	.867	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.%]
179	M187	X	-.532	-.532	0 %100
180	M187	Z	.307	.307	0 %100
181	M188	X	-1.485	-1.485	0 %100
182	M188	Z	.858	.858	0 %100
183	M189	X	-.456	-.456	0 %100
184	M189	Z	.263	.263	0 %100
185	M190	X	-1.471	-1.471	0 %100
186	M190	Z	.849	.849	0 %100
187	M191	X	-1.457	-1.457	0 %100
188	M191	Z	.841	.841	0 %100
189	M194	X	0	0	0 %100
190	M194	Z	0	0	0 %100
191	M195	X	0	0	0 %100
192	M195	Z	0	0	0 %100
193	M196	X	0	0	0 %100
194	M196	Z	0	0	0 %100
195	M197	X	0	0	0 %100
196	M197	Z	0	0	0 %100
197	M198	X	0	0	0 %100
198	M198	Z	0	0	0 %100
199	M199	X	0	0	0 %100
200	M199	Z	0	0	0 %100
201	M200	X	-.8	-.8	0 %100
202	M200	Z	.462	.462	0 %100
203	M201	X	-1.615	-1.615	0 %100
204	M201	Z	.932	.932	0 %100
205	M202	X	-.834	-.834	0 %100
206	M202	Z	.482	.482	0 %100
207	M203	X	-1.615	-1.615	0 %100
208	M203	Z	.932	.932	0 %100
209	M204	X	0	0	0 %100
210	M204	Z	0	0	0 %100
211	M205	X	0	0	0 %100
212	M205	Z	0	0	0 %100
213	M210	X	-.217	-.217	0 %100
214	M210	Z	.126	.126	0 %100
215	M211	X	0	0	0 %100
216	M211	Z	0	0	0 %100
217	M212	X	0	0	0 %100
218	M212	Z	0	0	0 %100
219	M213	X	-.067	-.067	0 %100
220	M213	Z	.039	.039	0 %100
221	M214	X	0	0	0 %100
222	M214	Z	0	0	0 %100
223	M215	X	0	0	0 %100
224	M215	Z	0	0	0 %100
225	M216	X	-.066	-.066	0 %100
226	M216	Z	.038	.038	0 %100
227	M217	X	-.217	-.217	0 %100
228	M217	Z	.125	.125	0 %100
229	M218	X	-.426	-.426	0 %100
230	M218	Z	.246	.246	0 %100
231	M219	X	-.217	-.217	0 %100
232	M219	Z	.125	.125	0 %100
233	M241	X	-.26	-.26	0 %100
234	M241	Z	.15	.15	0 %100
235	M242	X	-3.618	-3.618	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, %]
236	M242	Z	2.089	2.089	0 %100
237	M243	X	0	0	0 %100
238	M243	Z	0	0	0 %100
239	M244	X	-2.774	-2.774	0 %100
240	M244	Z	1.601	1.601	0 %100
241	M245	X	-2.421	-2.421	0 %100
242	M245	Z	1.398	1.398	0 %100
243	M246	X	-2.299	-2.299	0 %100
244	M246	Z	1.328	1.328	0 %100
245	M247	X	-2.254	-2.254	0 %100
246	M247	Z	1.301	1.301	0 %100
247	M248	X	-.77	-.77	0 %100
248	M248	Z	.445	.445	0 %100
249	M249	X	-.72	-.72	0 %100
250	M249	Z	.416	.416	0 %100
251	M250	X	-.67	-.67	0 %100
252	M250	Z	.387	.387	0 %100
253	M251	X	-.77	-.77	0 %100
254	M251	Z	.445	.445	0 %100
255	M252	X	-.72	-.72	0 %100
256	M252	Z	.416	.416	0 %100
257	M253	X	-.67	-.67	0 %100
258	M253	Z	.387	.387	0 %100
259	M274	X	-1.169	-1.169	0 %100
260	M274	Z	.675	.675	0 %100
261	M275	X	-1.134	-1.134	0 %100
262	M275	Z	.654	.654	0 %100
263	M276	X	-1.257	-1.257	0 %100
264	M276	Z	.726	.726	0 %100
265	M277	X	-1.171	-1.171	0 %100
266	M277	Z	.676	.676	0 %100
267	M278	X	-1.537	-1.537	0 %100
268	M278	Z	.887	.887	0 %100
269	M279	X	-1.459	-1.459	0 %100
270	M279	Z	.843	.843	0 %100
271	M280	X	-1.595	-1.595	0 %100
272	M280	Z	.921	.921	0 %100
273	M281	X	-1.494	-1.494	0 %100
274	M281	Z	.862	.862	0 %100
275	M282	X	-1.914	-1.914	0 %100
276	M282	Z	1.105	1.105	0 %100
277	M284	X	-1.739	-1.739	0 %100
278	M284	Z	1.004	1.004	0 %100
279	M285	X	-1.853	-1.853	0 %100
280	M285	Z	1.07	1.07	0 %100
281	M286	X	-1.661	-1.661	0 %100
282	M286	Z	.959	.959	0 %100
283	M287	X	-1.81	-1.81	0 %100
284	M287	Z	1.045	1.045	0 %100
285	M288	X	-1.588	-1.588	0 %100
286	M288	Z	.917	.917	0 %100
287	M289	X	-1.769	-1.769	0 %100
288	M289	Z	1.022	1.022	0 %100
289	M290	X	-1.551	-1.551	0 %100
290	M290	Z	.895	.895	0 %100
291	M291	X	-1.749	-1.749	0 %100
292	M291	Z	1.01	1.01	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, %]
293	M292	X	-1.514	-1.514	0 %100
294	M292	Z	.874	.874	0 %100
295	M293	X	-1.731	-1.731	0 %100
296	M293	Z	.999	.999	0 %100
297	M294	X	-1.725	-1.725	0 %100
298	M294	Z	.996	.996	0 %100
299	M297	X	-1.103	-1.103	0 %100
300	M297	Z	.637	.637	0 %100
301	M298	X	-1.098	-1.098	0 %100
302	M298	Z	.634	.634	0 %100
303	M299	X	-1.52	-1.52	0 %100
304	M299	Z	.878	.878	0 %100
305	M300	X	-1.51	-1.51	0 %100
306	M300	Z	.872	.872	0 %100
307	M301	X	-1.52	-1.52	0 %100
308	M301	Z	.878	.878	0 %100
309	M302	X	-1.51	-1.51	0 %100
310	M302	Z	.872	.872	0 %100
311	M303	X	-1.814	-1.814	0 %100
312	M303	Z	1.047	1.047	0 %100
313	M304	X	-1.914	-1.914	0 %100
314	M304	Z	1.105	1.105	0 %100
315	M305	X	-1.815	-1.815	0 %100
316	M305	Z	1.048	1.048	0 %100
317	M306	X	-1.914	-1.914	0 %100
318	M306	Z	1.105	1.105	0 %100
319	M307A	X	-1.161	-1.161	0 %100
320	M307A	Z	.67	.67	0 %100
321	M308A	X	-1.156	-1.156	0 %100
322	M308A	Z	.667	.667	0 %100
323	M313A	X	-1.134	-1.134	0 %100
324	M313A	Z	.655	.655	0 %100
325	M314A	X	-1.138	-1.138	0 %100
326	M314A	Z	.657	.657	0 %100
327	M315A	X	-1.47	-1.47	0 %100
328	M315A	Z	.849	.849	0 %100
329	M316A	X	-1.486	-1.486	0 %100
330	M316A	Z	.858	.858	0 %100
331	M317A	X	-1.134	-1.134	0 %100
332	M317A	Z	.655	.655	0 %100
333	M318A	X	-1.461	-1.461	0 %100
334	M318A	Z	.844	.844	0 %100
335	M319A	X	-1.482	-1.482	0 %100
336	M319A	Z	.855	.855	0 %100
337	M320A	X	-1.133	-1.133	0 %100
338	M320A	Z	.654	.654	0 %100
339	M321A	X	-1.488	-1.488	0 %100
340	M321A	Z	.859	.859	0 %100
341	M322A	X	-1.431	-1.431	0 %100
342	M322A	Z	.826	.826	0 %100
343	M327	X	-3.82	-3.82	0 %100
344	M327	Z	2.205	2.205	0 %100
345	MP1C	X	-3.82	-3.82	0 %100
346	MP1C	Z	2.205	2.205	0 %100
347	MP2C	X	-3.82	-3.82	0 %100
348	MP2C	Z	2.205	2.205	0 %100
349	MP3C	X	-3.82	-3.82	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, %]
350	MP3C	Z	2.205	2.205	0	%100
351	MP4C	X	-3.82	-3.82	0	%100
352	MP4C	Z	2.205	2.205	0	%100
353	M336A	X	-3.514	-3.514	0	%100
354	M336A	Z	2.029	2.029	0	%100
355	M342	X	-.955	-.955	0	%100
356	M342	Z	.551	.551	0	%100
357	MP1B	X	-3.82	-3.82	0	%100
358	MP1B	Z	2.205	2.205	0	%100
359	MP2B	X	-3.82	-3.82	0	%100
360	MP2B	Z	2.205	2.205	0	%100
361	MP3B	X	-3.82	-3.82	0	%100
362	MP3B	Z	2.205	2.205	0	%100
363	MP4B	X	-3.82	-3.82	0	%100
364	MP4B	Z	2.205	2.205	0	%100
365	M351	X	-.879	-.879	0	%100
366	M351	Z	.507	.507	0	%100
367	M356	X	-2.453	-2.453	0	%100
368	M356	Z	1.416	1.416	0	%100
369	M359	X	-3.439	-3.439	0	%100
370	M359	Z	1.986	1.986	0	%100
371	M360	X	-.86	-.86	0	%100
372	M360	Z	.496	.496	0	%100
373	M361	X	-.86	-.86	0	%100
374	M361	Z	.496	.496	0	%100
375	M364	X	-2.249	-2.249	0	%100
376	M364	Z	1.299	1.299	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	M122	X	-2.238	-2.238	0	%100
2	M122	Z	0	0	0	%100
3	M123	X	-2.238	-2.238	0	%100
4	M123	Z	0	0	0	%100
5	M124	X	-1.068	-1.068	0	%100
6	M124	Z	0	0	0	%100
7	M125	X	-1.068	-1.068	0	%100
8	M125	Z	0	0	0	%100
9	M126	X	-3.727	-3.727	0	%100
10	M126	Z	0	0	0	%100
11	M127	X	-3.505	-3.505	0	%100
12	M127	Z	0	0	0	%100
13	M128	X	-3.505	-3.505	0	%100
14	M128	Z	0	0	0	%100
15	M129	X	0	0	0	%100
16	M129	Z	0	0	0	%100
17	M130	X	0	0	0	%100
18	M130	Z	0	0	0	%100
19	M131	X	0	0	0	%100
20	M131	Z	0	0	0	%100
21	M132	X	0	0	0	%100
22	M132	Z	0	0	0	%100
23	M133	X	0	0	0	%100
24	M133	Z	0	0	0	%100
25	M134	X	0	0	0	%100
26	M134	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, %]	
27	M177	X	0	0	0	%100
28	M177	Z	0	0	0	%100
29	M287A	X	-1.8	-1.8	0	%100
30	M287A	Z	0	0	0	%100
31	M289A	X	-1.745	-1.745	0	%100
32	M289A	Z	0	0	0	%100
33	M290A	X	-1.722	-1.722	0	%100
34	M290A	Z	0	0	0	%100
35	M292A	X	-1.663	-1.663	0	%100
36	M292A	Z	0	0	0	%100
37	M293A	X	-2.366	-2.366	0	%100
38	M293A	Z	0	0	0	%100
39	M295A	X	-2.247	-2.247	0	%100
40	M295A	Z	0	0	0	%100
41	M296A	X	-2.391	-2.391	0	%100
42	M296A	Z	0	0	0	%100
43	M298A	X	-2.256	-2.256	0	%100
44	M298A	Z	0	0	0	%100
45	M299A	X	-2.325	-2.325	0	%100
46	M299A	Z	0	0	0	%100
47	M301A	X	-2.362	-2.362	0	%100
48	M301A	Z	0	0	0	%100
49	M302A	X	-2.247	-2.247	0	%100
50	M302A	Z	0	0	0	%100
51	M305A	X	-2.266	-2.266	0	%100
52	M305A	Z	0	0	0	%100
53	M306A	X	-2.196	-2.196	0	%100
54	M306A	Z	0	0	0	%100
55	M307	X	-2.216	-2.216	0	%100
56	M307	Z	0	0	0	%100
57	M308	X	-2.146	-2.146	0	%100
58	M308	Z	0	0	0	%100
59	M309	X	-2.183	-2.183	0	%100
60	M309	Z	0	0	0	%100
61	M310	X	-2.12	-2.12	0	%100
62	M310	Z	0	0	0	%100
63	M311	X	-2.155	-2.155	0	%100
64	M311	Z	0	0	0	%100
65	M312	X	-2.099	-2.099	0	%100
66	M312	Z	0	0	0	%100
67	M313	X	-2.096	-2.096	0	%100
68	M313	Z	0	0	0	%100
69	M316	X	-1.698	-1.698	0	%100
70	M316	Z	0	0	0	%100
71	M317	X	-1.691	-1.691	0	%100
72	M317	Z	0	0	0	%100
73	M318	X	-2.34	-2.34	0	%100
74	M318	Z	0	0	0	%100
75	M319	X	-2.325	-2.325	0	%100
76	M319	Z	0	0	0	%100
77	M320	X	-2.341	-2.341	0	%100
78	M320	Z	0	0	0	%100
79	M321	X	-2.325	-2.325	0	%100
80	M321	Z	0	0	0	%100
81	M322	X	-2.485	-2.485	0	%100
82	M322	Z	0	0	0	%100
83	M323A	X	-2.325	-2.325	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, %]	
84	M323A	Z	0	0	0	%100
85	M324A	X	-2.473	-2.473	0	%100
86	M324A	Z	0	0	0	%100
87	M325A	X	-2.325	-2.325	0	%100
88	M325A	Z	0	0	0	%100
89	M326A	X	-1.788	-1.788	0	%100
90	M326A	Z	0	0	0	%100
91	M327A	X	-1.78	-1.78	0	%100
92	M327A	Z	0	0	0	%100
93	M332B	X	-1.662	-1.662	0	%100
94	M332B	Z	0	0	0	%100
95	M333A	X	-1.752	-1.752	0	%100
96	M333A	Z	0	0	0	%100
97	M334A	X	-2.263	-2.263	0	%100
98	M334A	Z	0	0	0	%100
99	M335A	X	-2.263	-2.263	0	%100
100	M335A	Z	0	0	0	%100
101	M336	X	-1.746	-1.746	0	%100
102	M336	Z	0	0	0	%100
103	M337	X	-2.249	-2.249	0	%100
104	M337	Z	0	0	0	%100
105	M338	X	-2.256	-2.256	0	%100
106	M338	Z	0	0	0	%100
107	M339	X	-1.661	-1.661	0	%100
108	M339	Z	0	0	0	%100
109	M344	X	-2.126	-2.126	0	%100
110	M344	Z	0	0	0	%100
111	M345	X	-2.119	-2.119	0	%100
112	M345	Z	0	0	0	%100
113	MP1A	X	-4.41	-4.41	0	%100
114	MP1A	Z	0	0	0	%100
115	MP2A	X	-4.41	-4.41	0	%100
116	MP2A	Z	0	0	0	%100
117	MP3A	X	-4.41	-4.41	0	%100
118	MP3A	Z	0	0	0	%100
119	MP4A	X	-4.41	-4.41	0	%100
120	MP4A	Z	0	0	0	%100
121	M344A	X	0	0	0	%100
122	M344A	Z	0	0	0	%100
123	M138	X	-4.178	-4.178	0	%100
124	M138	Z	0	0	0	%100
125	M139	X	-3	-3	0	%100
126	M139	Z	0	0	0	%100
127	M140	X	-4.27	-4.27	0	%100
128	M140	Z	0	0	0	%100
129	M141	X	-1.068	-1.068	0	%100
130	M141	Z	0	0	0	%100
131	M142	X	-932	-932	0	%100
132	M142	Z	0	0	0	%100
133	M143	X	-85	-85	0	%100
134	M143	Z	0	0	0	%100
135	M144	X	-903	-903	0	%100
136	M144	Z	0	0	0	%100
137	M145	X	-2.668	-2.668	0	%100
138	M145	Z	0	0	0	%100
139	M146	X	-2.496	-2.496	0	%100
140	M146	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, %]
141	M147	X	-2.319	-2.319	0 %100
142	M147	Z	0	0	0 %100
143	M148	X	-2.668	-2.668	0 %100
144	M148	Z	0	0	0 %100
145	M149	X	-2.496	-2.496	0 %100
146	M149	Z	0	0	0 %100
147	M150	X	-2.319	-2.319	0 %100
148	M150	Z	0	0	0 %100
149	M171	X	-.45	-.45	0 %100
150	M171	Z	0	0	0 %100
151	M172	X	-.436	-.436	0 %100
152	M172	Z	0	0	0 %100
153	M173	X	-.909	-.909	0 %100
154	M173	Z	0	0	0 %100
155	M174	X	-.73	-.73	0 %100
156	M174	Z	0	0	0 %100
157	M175	X	-.592	-.592	0 %100
158	M175	Z	0	0	0 %100
159	M176	X	-.562	-.562	0 %100
160	M176	Z	0	0	0 %100
161	M177A	X	-.745	-.745	0 %100
162	M177A	Z	0	0	0 %100
163	M178	X	-.662	-.662	0 %100
164	M178	Z	0	0	0 %100
165	M179	X	-1.98	-1.98	0 %100
166	M179	Z	0	0	0 %100
167	M181	X	-1.301	-1.301	0 %100
168	M181	Z	0	0	0 %100
169	M182	X	-1.926	-1.926	0 %100
170	M182	Z	0	0	0 %100
171	M183	X	-1.221	-1.221	0 %100
172	M183	Z	0	0	0 %100
173	M184	X	-1.878	-1.878	0 %100
174	M184	Z	0	0	0 %100
175	M185	X	-1.071	-1.071	0 %100
176	M185	Z	0	0	0 %100
177	M186	X	-1.837	-1.837	0 %100
178	M186	Z	0	0	0 %100
179	M187	X	-1.007	-1.007	0 %100
180	M187	Z	0	0	0 %100
181	M188	X	-1.817	-1.817	0 %100
182	M188	Z	0	0	0 %100
183	M189	X	-.934	-.934	0 %100
184	M189	Z	0	0	0 %100
185	M190	X	-1.799	-1.799	0 %100
186	M190	Z	0	0	0 %100
187	M191	X	-1.785	-1.785	0 %100
188	M191	Z	0	0	0 %100
189	M194	X	-.425	-.425	0 %100
190	M194	Z	0	0	0 %100
191	M195	X	-.423	-.423	0 %100
192	M195	Z	0	0	0 %100
193	M196	X	-.585	-.585	0 %100
194	M196	Z	0	0	0 %100
195	M197	X	-.581	-.581	0 %100
196	M197	Z	0	0	0 %100
197	M198	X	-.585	-.585	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, %]
198	M198	Z	0	0	0 %100
199	M199	X	-0.581	-0.581	0 %100
200	M199	Z	0	0	0 %100
201	M200	X	-1.314	-1.314	0 %100
202	M200	Z	0	0	0 %100
203	M201	X	-1.98	-1.98	0 %100
204	M201	Z	0	0	0 %100
205	M202	X	-1.341	-1.341	0 %100
206	M202	Z	0	0	0 %100
207	M203	X	-1.98	-1.98	0 %100
208	M203	Z	0	0	0 %100
209	M204	X	-0.447	-0.447	0 %100
210	M204	Z	0	0	0 %100
211	M205	X	-0.445	-0.445	0 %100
212	M205	Z	0	0	0 %100
213	M210	X	-0.604	-0.604	0 %100
214	M210	Z	0	0	0 %100
215	M211	X	-0.438	-0.438	0 %100
216	M211	Z	0	0	0 %100
217	M212	X	-0.566	-0.566	0 %100
218	M212	Z	0	0	0 %100
219	M213	X	-0.624	-0.624	0 %100
220	M213	Z	0	0	0 %100
221	M214	X	-0.437	-0.437	0 %100
222	M214	Z	0	0	0 %100
223	M215	X	-0.562	-0.562	0 %100
224	M215	Z	0	0	0 %100
225	M216	X	-0.621	-0.621	0 %100
226	M216	Z	0	0	0 %100
227	M217	X	-0.603	-0.603	0 %100
228	M217	Z	0	0	0 %100
229	M218	X	-0.9	-0.9	0 %100
230	M218	Z	0	0	0 %100
231	M219	X	-0.718	-0.718	0 %100
232	M219	Z	0	0	0 %100
233	M241	X	-0.3	-0.3	0 %100
234	M241	Z	0	0	0 %100
235	M242	X	-4.178	-4.178	0 %100
236	M242	Z	0	0	0 %100
237	M243	X	-1.068	-1.068	0 %100
238	M243	Z	0	0	0 %100
239	M244	X	-4.27	-4.27	0 %100
240	M244	Z	0	0	0 %100
241	M245	X	-0.932	-0.932	0 %100
242	M245	Z	0	0	0 %100
243	M246	X	-0.903	-0.903	0 %100
244	M246	Z	0	0	0 %100
245	M247	X	-0.85	-0.85	0 %100
246	M247	Z	0	0	0 %100
247	M248	X	-2.668	-2.668	0 %100
248	M248	Z	0	0	0 %100
249	M249	X	-2.496	-2.496	0 %100
250	M249	Z	0	0	0 %100
251	M250	X	-2.319	-2.319	0 %100
252	M250	Z	0	0	0 %100
253	M251	X	-2.668	-2.668	0 %100
254	M251	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, %]
255	M252	X	-2.496	-2.496	0 %100
256	M252	Z	0	0	0 %100
257	M253	X	-2.319	-2.319	0 %100
258	M253	Z	0	0	0 %100
259	M274	X	-.45	-.45	0 %100
260	M274	Z	0	0	0 %100
261	M275	X	-.436	-.436	0 %100
262	M275	Z	0	0	0 %100
263	M276	X	-.909	-.909	0 %100
264	M276	Z	0	0	0 %100
265	M277	X	-.73	-.73	0 %100
266	M277	Z	0	0	0 %100
267	M278	X	-.592	-.592	0 %100
268	M278	Z	0	0	0 %100
269	M279	X	-.562	-.562	0 %100
270	M279	Z	0	0	0 %100
271	M280	X	-.745	-.745	0 %100
272	M280	Z	0	0	0 %100
273	M281	X	-.662	-.662	0 %100
274	M281	Z	0	0	0 %100
275	M282	X	-1.98	-1.98	0 %100
276	M282	Z	0	0	0 %100
277	M284	X	-1.301	-1.301	0 %100
278	M284	Z	0	0	0 %100
279	M285	X	-1.926	-1.926	0 %100
280	M285	Z	0	0	0 %100
281	M286	X	-1.221	-1.221	0 %100
282	M286	Z	0	0	0 %100
283	M287	X	-1.878	-1.878	0 %100
284	M287	Z	0	0	0 %100
285	M288	X	-1.071	-1.071	0 %100
286	M288	Z	0	0	0 %100
287	M289	X	-1.837	-1.837	0 %100
288	M289	Z	0	0	0 %100
289	M290	X	-1.007	-1.007	0 %100
290	M290	Z	0	0	0 %100
291	M291	X	-1.817	-1.817	0 %100
292	M291	Z	0	0	0 %100
293	M292	X	-.934	-.934	0 %100
294	M292	Z	0	0	0 %100
295	M293	X	-1.799	-1.799	0 %100
296	M293	Z	0	0	0 %100
297	M294	X	-1.785	-1.785	0 %100
298	M294	Z	0	0	0 %100
299	M297	X	-.425	-.425	0 %100
300	M297	Z	0	0	0 %100
301	M298	X	-.423	-.423	0 %100
302	M298	Z	0	0	0 %100
303	M299	X	-.585	-.585	0 %100
304	M299	Z	0	0	0 %100
305	M300	X	-.581	-.581	0 %100
306	M300	Z	0	0	0 %100
307	M301	X	-.585	-.585	0 %100
308	M301	Z	0	0	0 %100
309	M302	X	-.581	-.581	0 %100
310	M302	Z	0	0	0 %100
311	M303	X	-1.314	-1.314	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, %]
312	M303	Z	0	0	0 %100
313	M304	X	-1.98	-1.98	0 %100
314	M304	Z	0	0	0 %100
315	M305	X	-1.341	-1.341	0 %100
316	M305	Z	0	0	0 %100
317	M306	X	-1.98	-1.98	0 %100
318	M306	Z	0	0	0 %100
319	M307A	X	-.447	-.447	0 %100
320	M307A	Z	0	0	0 %100
321	M308A	X	-.445	-.445	0 %100
322	M308A	Z	0	0	0 %100
323	M313A	X	-.604	-.604	0 %100
324	M313A	Z	0	0	0 %100
325	M314A	X	-.438	-.438	0 %100
326	M314A	Z	0	0	0 %100
327	M315A	X	-.566	-.566	0 %100
328	M315A	Z	0	0	0 %100
329	M316A	X	-.624	-.624	0 %100
330	M316A	Z	0	0	0 %100
331	M317A	X	-.437	-.437	0 %100
332	M317A	Z	0	0	0 %100
333	M318A	X	-.562	-.562	0 %100
334	M318A	Z	0	0	0 %100
335	M319A	X	-.621	-.621	0 %100
336	M319A	Z	0	0	0 %100
337	M320A	X	-.603	-.603	0 %100
338	M320A	Z	0	0	0 %100
339	M321A	X	-.9	-.9	0 %100
340	M321A	Z	0	0	0 %100
341	M322A	X	-.718	-.718	0 %100
342	M322A	Z	0	0	0 %100
343	M327	X	-3.308	-3.308	0 %100
344	M327	Z	0	0	0 %100
345	MP1C	X	-4.41	-4.41	0 %100
346	MP1C	Z	0	0	0 %100
347	MP2C	X	-4.41	-4.41	0 %100
348	MP2C	Z	0	0	0 %100
349	MP3C	X	-4.41	-4.41	0 %100
350	MP3C	Z	0	0	0 %100
351	MP4C	X	-4.41	-4.41	0 %100
352	MP4C	Z	0	0	0 %100
353	M336A	X	-3.044	-3.044	0 %100
354	M336A	Z	0	0	0 %100
355	M342	X	-3.308	-3.308	0 %100
356	M342	Z	0	0	0 %100
357	MP1B	X	-4.41	-4.41	0 %100
358	MP1B	Z	0	0	0 %100
359	MP2B	X	-4.41	-4.41	0 %100
360	MP2B	Z	0	0	0 %100
361	MP3B	X	-4.41	-4.41	0 %100
362	MP3B	Z	0	0	0 %100
363	MP4B	X	-4.41	-4.41	0 %100
364	MP4B	Z	0	0	0 %100
365	M351	X	-3.044	-3.044	0 %100
366	M351	Z	0	0	0 %100
367	M356	X	-2.832	-2.832	0 %100
368	M356	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, %]
369	M359	X	-2.979	-2.979	0	%100
370	M359	Z	0	0	0	%100
371	M360	X	-2.979	-2.979	0	%100
372	M360	Z	0	0	0	%100
373	M361	X	0	0	0	%100
374	M361	Z	0	0	0	%100
375	M364	X	-2.597	-2.597	0	%100
376	M364	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	M122	X	-26	-26	0	%100
2	M122	Z	-15	-15	0	%100
3	M123	X	-3.618	-3.618	0	%100
4	M123	Z	-2.089	-2.089	0	%100
5	M124	X	0	0	0	%100
6	M124	Z	0	0	0	%100
7	M125	X	-2.774	-2.774	0	%100
8	M125	Z	-1.601	-1.601	0	%100
9	M126	X	-2.421	-2.421	0	%100
10	M126	Z	-1.398	-1.398	0	%100
11	M127	X	-2.299	-2.299	0	%100
12	M127	Z	-1.328	-1.328	0	%100
13	M128	X	-2.254	-2.254	0	%100
14	M128	Z	-1.301	-1.301	0	%100
15	M129	X	-77	-77	0	%100
16	M129	Z	-445	-445	0	%100
17	M130	X	-72	-72	0	%100
18	M130	Z	-416	-416	0	%100
19	M131	X	-67	-67	0	%100
20	M131	Z	-387	-387	0	%100
21	M132	X	-77	-77	0	%100
22	M132	Z	-445	-445	0	%100
23	M133	X	-72	-72	0	%100
24	M133	Z	-416	-416	0	%100
25	M134	X	-67	-67	0	%100
26	M134	Z	-387	-387	0	%100
27	M177	X	-955	-955	0	%100
28	M177	Z	-551	-551	0	%100
29	M287A	X	-1.169	-1.169	0	%100
30	M287A	Z	-675	-675	0	%100
31	M289A	X	-1.134	-1.134	0	%100
32	M289A	Z	-654	-654	0	%100
33	M290A	X	-1.257	-1.257	0	%100
34	M290A	Z	-726	-726	0	%100
35	M292A	X	-1.171	-1.171	0	%100
36	M292A	Z	-676	-676	0	%100
37	M293A	X	-1.537	-1.537	0	%100
38	M293A	Z	-887	-887	0	%100
39	M295A	X	-1.459	-1.459	0	%100
40	M295A	Z	-843	-843	0	%100
41	M296A	X	-1.595	-1.595	0	%100
42	M296A	Z	-921	-921	0	%100
43	M298A	X	-1.494	-1.494	0	%100
44	M298A	Z	-862	-862	0	%100
45	M299A	X	-1.914	-1.914	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.%]
46	M299A	Z	-1.105	-1.105	0 %100
47	M301A	X	-1.739	-1.739	0 %100
48	M301A	Z	-1.004	-1.004	0 %100
49	M302A	X	-1.853	-1.853	0 %100
50	M302A	Z	-1.07	-1.07	0 %100
51	M305A	X	-1.661	-1.661	0 %100
52	M305A	Z	-.959	-.959	0 %100
53	M306A	X	-1.81	-1.81	0 %100
54	M306A	Z	-1.045	-1.045	0 %100
55	M307	X	-1.588	-1.588	0 %100
56	M307	Z	-.917	-.917	0 %100
57	M308	X	-1.769	-1.769	0 %100
58	M308	Z	-1.022	-1.022	0 %100
59	M309	X	-1.551	-1.551	0 %100
60	M309	Z	-.895	-.895	0 %100
61	M310	X	-1.749	-1.749	0 %100
62	M310	Z	-1.01	-1.01	0 %100
63	M311	X	-1.514	-1.514	0 %100
64	M311	Z	-.874	-.874	0 %100
65	M312	X	-1.731	-1.731	0 %100
66	M312	Z	-.999	-.999	0 %100
67	M313	X	-1.725	-1.725	0 %100
68	M313	Z	-.996	-.996	0 %100
69	M316	X	-1.103	-1.103	0 %100
70	M316	Z	-.637	-.637	0 %100
71	M317	X	-1.098	-1.098	0 %100
72	M317	Z	-.634	-.634	0 %100
73	M318	X	-1.52	-1.52	0 %100
74	M318	Z	-.878	-.878	0 %100
75	M319	X	-1.51	-1.51	0 %100
76	M319	Z	-.872	-.872	0 %100
77	M320	X	-1.52	-1.52	0 %100
78	M320	Z	-.878	-.878	0 %100
79	M321	X	-1.51	-1.51	0 %100
80	M321	Z	-.872	-.872	0 %100
81	M322	X	-1.814	-1.814	0 %100
82	M322	Z	-1.047	-1.047	0 %100
83	M323A	X	-1.914	-1.914	0 %100
84	M323A	Z	-1.105	-1.105	0 %100
85	M324A	X	-1.815	-1.815	0 %100
86	M324A	Z	-1.048	-1.048	0 %100
87	M325A	X	-1.914	-1.914	0 %100
88	M325A	Z	-1.105	-1.105	0 %100
89	M326A	X	-1.161	-1.161	0 %100
90	M326A	Z	-.67	-.67	0 %100
91	M327A	X	-1.156	-1.156	0 %100
92	M327A	Z	-.667	-.667	0 %100
93	M332B	X	-1.134	-1.134	0 %100
94	M332B	Z	-.655	-.655	0 %100
95	M333A	X	-1.138	-1.138	0 %100
96	M333A	Z	-.657	-.657	0 %100
97	M334A	X	-1.47	-1.47	0 %100
98	M334A	Z	-.849	-.849	0 %100
99	M335A	X	-1.486	-1.486	0 %100
100	M335A	Z	-.858	-.858	0 %100
101	M336	X	-1.134	-1.134	0 %100
102	M336	Z	-.655	-.655	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, %]
103	M337	X	-1.461	-1.461	0 %100
104	M337	Z	-.844	-.844	0 %100
105	M338	X	-1.482	-1.482	0 %100
106	M338	Z	-.855	-.855	0 %100
107	M339	X	-1.133	-1.133	0 %100
108	M339	Z	-.654	-.654	0 %100
109	M344	X	-1.488	-1.488	0 %100
110	M344	Z	-.859	-.859	0 %100
111	M345	X	-1.431	-1.431	0 %100
112	M345	Z	-.826	-.826	0 %100
113	MP1A	X	-3.82	-3.82	0 %100
114	MP1A	Z	-2.205	-2.205	0 %100
115	MP2A	X	-3.82	-3.82	0 %100
116	MP2A	Z	-2.205	-2.205	0 %100
117	MP3A	X	-3.82	-3.82	0 %100
118	MP3A	Z	-2.205	-2.205	0 %100
119	MP4A	X	-3.82	-3.82	0 %100
120	MP4A	Z	-2.205	-2.205	0 %100
121	M344A	X	-.879	-.879	0 %100
122	M344A	Z	-.507	-.507	0 %100
123	M138	X	-3.618	-3.618	0 %100
124	M138	Z	-2.089	-2.089	0 %100
125	M139	X	-.26	-.26	0 %100
126	M139	Z	-.15	-.15	0 %100
127	M140	X	-2.774	-2.774	0 %100
128	M140	Z	-1.601	-1.601	0 %100
129	M141	X	0	0	0 %100
130	M141	Z	0	0	0 %100
131	M142	X	-2.421	-2.421	0 %100
132	M142	Z	-1.398	-1.398	0 %100
133	M143	X	-2.254	-2.254	0 %100
134	M143	Z	-1.301	-1.301	0 %100
135	M144	X	-2.299	-2.299	0 %100
136	M144	Z	-1.328	-1.328	0 %100
137	M145	X	-.77	-.77	0 %100
138	M145	Z	-.445	-.445	0 %100
139	M146	X	-.72	-.72	0 %100
140	M146	Z	-.416	-.416	0 %100
141	M147	X	-.67	-.67	0 %100
142	M147	Z	-.387	-.387	0 %100
143	M148	X	-.77	-.77	0 %100
144	M148	Z	-.445	-.445	0 %100
145	M149	X	-.72	-.72	0 %100
146	M149	Z	-.416	-.416	0 %100
147	M150	X	-.67	-.67	0 %100
148	M150	Z	-.387	-.387	0 %100
149	M171	X	-1.169	-1.169	0 %100
150	M171	Z	-.675	-.675	0 %100
151	M172	X	-1.134	-1.134	0 %100
152	M172	Z	-.654	-.654	0 %100
153	M173	X	-1.257	-1.257	0 %100
154	M173	Z	-.726	-.726	0 %100
155	M174	X	-1.171	-1.171	0 %100
156	M174	Z	-.676	-.676	0 %100
157	M175	X	-1.537	-1.537	0 %100
158	M175	Z	-.887	-.887	0 %100
159	M176	X	-1.459	-1.459	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.%]
160	M176	Z	-0.843	-0.843	0 %100
161	M177A	X	-1.595	-1.595	0 %100
162	M177A	Z	-0.921	-0.921	0 %100
163	M178	X	-1.494	-1.494	0 %100
164	M178	Z	-0.862	-0.862	0 %100
165	M179	X	-1.914	-1.914	0 %100
166	M179	Z	-1.105	-1.105	0 %100
167	M181	X	-1.739	-1.739	0 %100
168	M181	Z	-1.004	-1.004	0 %100
169	M182	X	-1.853	-1.853	0 %100
170	M182	Z	-1.07	-1.07	0 %100
171	M183	X	-1.661	-1.661	0 %100
172	M183	Z	-0.959	-0.959	0 %100
173	M184	X	-1.81	-1.81	0 %100
174	M184	Z	-1.045	-1.045	0 %100
175	M185	X	-1.588	-1.588	0 %100
176	M185	Z	-0.917	-0.917	0 %100
177	M186	X	-1.769	-1.769	0 %100
178	M186	Z	-1.022	-1.022	0 %100
179	M187	X	-1.551	-1.551	0 %100
180	M187	Z	-0.895	-0.895	0 %100
181	M188	X	-1.749	-1.749	0 %100
182	M188	Z	-1.01	-1.01	0 %100
183	M189	X	-1.514	-1.514	0 %100
184	M189	Z	-0.874	-0.874	0 %100
185	M190	X	-1.731	-1.731	0 %100
186	M190	Z	-0.999	-0.999	0 %100
187	M191	X	-1.725	-1.725	0 %100
188	M191	Z	-0.996	-0.996	0 %100
189	M194	X	-1.103	-1.103	0 %100
190	M194	Z	-0.637	-0.637	0 %100
191	M195	X	-1.098	-1.098	0 %100
192	M195	Z	-0.634	-0.634	0 %100
193	M196	X	-1.52	-1.52	0 %100
194	M196	Z	-0.878	-0.878	0 %100
195	M197	X	-1.51	-1.51	0 %100
196	M197	Z	-0.872	-0.872	0 %100
197	M198	X	-1.52	-1.52	0 %100
198	M198	Z	-0.878	-0.878	0 %100
199	M199	X	-1.51	-1.51	0 %100
200	M199	Z	-0.872	-0.872	0 %100
201	M200	X	-1.814	-1.814	0 %100
202	M200	Z	-1.047	-1.047	0 %100
203	M201	X	-1.914	-1.914	0 %100
204	M201	Z	-1.105	-1.105	0 %100
205	M202	X	-1.815	-1.815	0 %100
206	M202	Z	-1.048	-1.048	0 %100
207	M203	X	-1.914	-1.914	0 %100
208	M203	Z	-1.105	-1.105	0 %100
209	M204	X	-1.161	-1.161	0 %100
210	M204	Z	-0.67	-0.67	0 %100
211	M205	X	-1.156	-1.156	0 %100
212	M205	Z	-0.667	-0.667	0 %100
213	M210	X	-1.134	-1.134	0 %100
214	M210	Z	-0.655	-0.655	0 %100
215	M211	X	-1.138	-1.138	0 %100
216	M211	Z	-0.657	-0.657	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, %]
217	M212	X	-1.47	-1.47	0 %100
218	M212	Z	-0.849	-0.849	0 %100
219	M213	X	-1.486	-1.486	0 %100
220	M213	Z	-0.858	-0.858	0 %100
221	M214	X	-1.134	-1.134	0 %100
222	M214	Z	-0.655	-0.655	0 %100
223	M215	X	-1.461	-1.461	0 %100
224	M215	Z	-0.844	-0.844	0 %100
225	M216	X	-1.482	-1.482	0 %100
226	M216	Z	-0.855	-0.855	0 %100
227	M217	X	-1.133	-1.133	0 %100
228	M217	Z	-0.654	-0.654	0 %100
229	M218	X	-1.488	-1.488	0 %100
230	M218	Z	-0.859	-0.859	0 %100
231	M219	X	-1.431	-1.431	0 %100
232	M219	Z	-0.826	-0.826	0 %100
233	M241	X	-1.939	-1.939	0 %100
234	M241	Z	-1.119	-1.119	0 %100
235	M242	X	-1.939	-1.939	0 %100
236	M242	Z	-1.119	-1.119	0 %100
237	M243	X	-2.774	-2.774	0 %100
238	M243	Z	-1.601	-1.601	0 %100
239	M244	X	-2.774	-2.774	0 %100
240	M244	Z	-1.601	-1.601	0 %100
241	M245	X	0	0	0 %100
242	M245	Z	0	0	0 %100
243	M246	X	-0.00228	-0.00228	0 %100
244	M246	Z	-0.00132	-0.00132	0 %100
245	M247	X	-0.00228	-0.00228	0 %100
246	M247	Z	-0.00132	-0.00132	0 %100
247	M248	X	-3.081	-3.081	0 %100
248	M248	Z	-1.779	-1.779	0 %100
249	M249	X	-2.882	-2.882	0 %100
250	M249	Z	-1.664	-1.664	0 %100
251	M250	X	-2.678	-2.678	0 %100
252	M250	Z	-1.546	-1.546	0 %100
253	M251	X	-3.081	-3.081	0 %100
254	M251	Z	-1.779	-1.779	0 %100
255	M252	X	-2.882	-2.882	0 %100
256	M252	Z	-1.664	-1.664	0 %100
257	M253	X	-2.678	-2.678	0 %100
258	M253	Z	-1.546	-1.546	0 %100
259	M274	X	0	0	0 %100
260	M274	Z	0	0	0 %100
261	M275	X	0	0	0 %100
262	M275	Z	0	0	0 %100
263	M276	X	-0.553	-0.553	0 %100
264	M276	Z	-0.319	-0.319	0 %100
265	M277	X	-0.363	-0.363	0 %100
266	M277	Z	-0.21	-0.21	0 %100
267	M278	X	0	0	0 %100
268	M278	Z	0	0	0 %100
269	M279	X	0	0	0 %100
270	M279	Z	0	0	0 %100
271	M280	X	-0.17	-0.17	0 %100
272	M280	Z	-0.098	-0.098	0 %100
273	M281	X	-0.113	-0.113	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, %]
274	M281	Z	-0.065	-0.065	0 %100
275	M282	X	-1.615	-1.615	0 %100
276	M282	Z	-0.932	-0.932	0 %100
277	M284	X	-0.82	-0.82	0 %100
278	M284	Z	-0.474	-0.474	0 %100
279	M285	X	-1.575	-1.575	0 %100
280	M285	Z	-0.909	-0.909	0 %100
281	M286	X	-0.756	-0.756	0 %100
282	M286	Z	-0.436	-0.436	0 %100
283	M287	X	-1.534	-1.534	0 %100
284	M287	Z	-0.886	-0.886	0 %100
285	M288	X	-0.597	-0.597	0 %100
286	M288	Z	-0.345	-0.345	0 %100
287	M289	X	-1.502	-1.502	0 %100
288	M289	Z	-0.867	-0.867	0 %100
289	M290	X	-0.532	-0.532	0 %100
290	M290	Z	-0.307	-0.307	0 %100
291	M291	X	-1.485	-1.485	0 %100
292	M291	Z	-0.858	-0.858	0 %100
293	M292	X	-0.456	-0.456	0 %100
294	M292	Z	-0.263	-0.263	0 %100
295	M293	X	-1.471	-1.471	0 %100
296	M293	Z	-0.849	-0.849	0 %100
297	M294	X	-1.457	-1.457	0 %100
298	M294	Z	-0.841	-0.841	0 %100
299	M297	X	0	0	0 %100
300	M297	Z	0	0	0 %100
301	M298	X	0	0	0 %100
302	M298	Z	0	0	0 %100
303	M299	X	0	0	0 %100
304	M299	Z	0	0	0 %100
305	M300	X	0	0	0 %100
306	M300	Z	0	0	0 %100
307	M301	X	0	0	0 %100
308	M301	Z	0	0	0 %100
309	M302	X	0	0	0 %100
310	M302	Z	0	0	0 %100
311	M303	X	-0.8	-0.8	0 %100
312	M303	Z	-0.462	-0.462	0 %100
313	M304	X	-1.615	-1.615	0 %100
314	M304	Z	-0.932	-0.932	0 %100
315	M305	X	-0.834	-0.834	0 %100
316	M305	Z	-0.482	-0.482	0 %100
317	M306	X	-1.615	-1.615	0 %100
318	M306	Z	-0.932	-0.932	0 %100
319	M307A	X	0	0	0 %100
320	M307A	Z	0	0	0 %100
321	M308A	X	0	0	0 %100
322	M308A	Z	0	0	0 %100
323	M313A	X	-0.217	-0.217	0 %100
324	M313A	Z	-0.126	-0.126	0 %100
325	M314A	X	0	0	0 %100
326	M314A	Z	0	0	0 %100
327	M315A	X	0	0	0 %100
328	M315A	Z	0	0	0 %100
329	M316A	X	-0.067	-0.067	0 %100
330	M316A	Z	-0.039	-0.039	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, %]
331	M317A	X	0	0	0	%100
332	M317A	Z	0	0	0	%100
333	M318A	X	0	0	0	%100
334	M318A	Z	0	0	0	%100
335	M319A	X	-0.066	-0.066	0	%100
336	M319A	Z	-0.038	-0.038	0	%100
337	M320A	X	-0.217	-0.217	0	%100
338	M320A	Z	-0.125	-0.125	0	%100
339	M321A	X	-0.426	-0.426	0	%100
340	M321A	Z	-0.246	-0.246	0	%100
341	M322A	X	-0.217	-0.217	0	%100
342	M322A	Z	-0.125	-0.125	0	%100
343	M327	X	-0.955	-0.955	0	%100
344	M327	Z	-0.551	-0.551	0	%100
345	MP1C	X	-3.82	-3.82	0	%100
346	MP1C	Z	-2.205	-2.205	0	%100
347	MP2C	X	-3.82	-3.82	0	%100
348	MP2C	Z	-2.205	-2.205	0	%100
349	MP3C	X	-3.82	-3.82	0	%100
350	MP3C	Z	-2.205	-2.205	0	%100
351	MP4C	X	-3.82	-3.82	0	%100
352	MP4C	Z	-2.205	-2.205	0	%100
353	M336A	X	-0.879	-0.879	0	%100
354	M336A	Z	-0.507	-0.507	0	%100
355	M342	X	-3.82	-3.82	0	%100
356	M342	Z	-2.205	-2.205	0	%100
357	MP1B	X	-3.82	-3.82	0	%100
358	MP1B	Z	-2.205	-2.205	0	%100
359	MP2B	X	-3.82	-3.82	0	%100
360	MP2B	Z	-2.205	-2.205	0	%100
361	MP3B	X	-3.82	-3.82	0	%100
362	MP3B	Z	-2.205	-2.205	0	%100
363	MP4B	X	-3.82	-3.82	0	%100
364	MP4B	Z	-2.205	-2.205	0	%100
365	M351	X	-3.514	-3.514	0	%100
366	M351	Z	-2.029	-2.029	0	%100
367	M356	X	-2.453	-2.453	0	%100
368	M356	Z	-1.416	-1.416	0	%100
369	M359	X	-0.86	-0.86	0	%100
370	M359	Z	-0.496	-0.496	0	%100
371	M360	X	-3.439	-3.439	0	%100
372	M360	Z	-1.986	-1.986	0	%100
373	M361	X	-0.86	-0.86	0	%100
374	M361	Z	-0.496	-0.496	0	%100
375	M364	X	-2.249	-2.249	0	%100
376	M364	Z	-1.299	-1.299	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	M122	X	-0.15	-0.15	0	%100
2	M122	Z	-0.26	-0.26	0	%100
3	M123	X	-2.089	-2.089	0	%100
4	M123	Z	-3.618	-3.618	0	%100
5	M124	X	-0.534	-0.534	0	%100
6	M124	Z	-0.925	-0.925	0	%100
7	M125	X	-2.135	-2.135	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, %]
8	M125	Z	-3.698	-3.698	0 %100
9	M126	X	-466	-466	0 %100
10	M126	Z	-807	-807	0 %100
11	M127	X	-451	-451	0 %100
12	M127	Z	-782	-782	0 %100
13	M128	X	-425	-425	0 %100
14	M128	Z	-736	-736	0 %100
15	M129	X	-1.334	-1.334	0 %100
16	M129	Z	-2.311	-2.311	0 %100
17	M130	X	-1.248	-1.248	0 %100
18	M130	Z	-2.161	-2.161	0 %100
19	M131	X	-1.16	-1.16	0 %100
20	M131	Z	-2.009	-2.009	0 %100
21	M132	X	-1.334	-1.334	0 %100
22	M132	Z	-2.311	-2.311	0 %100
23	M133	X	-1.248	-1.248	0 %100
24	M133	Z	-2.161	-2.161	0 %100
25	M134	X	-1.16	-1.16	0 %100
26	M134	Z	-2.009	-2.009	0 %100
27	M177	X	-1.654	-1.654	0 %100
28	M177	Z	-2.865	-2.865	0 %100
29	M287A	X	-225	-225	0 %100
30	M287A	Z	-39	-39	0 %100
31	M289A	X	-218	-218	0 %100
32	M289A	Z	-378	-378	0 %100
33	M290A	X	-455	-455	0 %100
34	M290A	Z	-787	-787	0 %100
35	M292A	X	-365	-365	0 %100
36	M292A	Z	-632	-632	0 %100
37	M293A	X	-296	-296	0 %100
38	M293A	Z	-512	-512	0 %100
39	M295A	X	-281	-281	0 %100
40	M295A	Z	-486	-486	0 %100
41	M296A	X	-372	-372	0 %100
42	M296A	Z	-645	-645	0 %100
43	M298A	X	-331	-331	0 %100
44	M298A	Z	-573	-573	0 %100
45	M299A	X	-99	-99	0 %100
46	M299A	Z	-1.714	-1.714	0 %100
47	M301A	X	-65	-65	0 %100
48	M301A	Z	-1.127	-1.127	0 %100
49	M302A	X	-963	-963	0 %100
50	M302A	Z	-1.668	-1.668	0 %100
51	M305A	X	-61	-61	0 %100
52	M305A	Z	-1.057	-1.057	0 %100
53	M306A	X	-939	-939	0 %100
54	M306A	Z	-1.626	-1.626	0 %100
55	M307	X	-536	-536	0 %100
56	M307	Z	-928	-928	0 %100
57	M308	X	-919	-919	0 %100
58	M308	Z	-1.591	-1.591	0 %100
59	M309	X	-503	-503	0 %100
60	M309	Z	-872	-872	0 %100
61	M310	X	-908	-908	0 %100
62	M310	Z	-1.573	-1.573	0 %100
63	M311	X	-467	-467	0 %100
64	M311	Z	-809	-809	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.%]
122	M344A	Z	-2.636	-2.636	0 %100
123	M138	X	-1.119	-1.119	0 %100
124	M138	Z	-1.939	-1.939	0 %100
125	M139	X	-1.119	-1.119	0 %100
126	M139	Z	-1.939	-1.939	0 %100
127	M140	X	-.534	-.534	0 %100
128	M140	Z	-.925	-.925	0 %100
129	M141	X	-.534	-.534	0 %100
130	M141	Z	-.925	-.925	0 %100
131	M142	X	-1.864	-1.864	0 %100
132	M142	Z	-3.228	-3.228	0 %100
133	M143	X	-1.752	-1.752	0 %100
134	M143	Z	-3.035	-3.035	0 %100
135	M144	X	-1.752	-1.752	0 %100
136	M144	Z	-3.035	-3.035	0 %100
137	M145	X	0	0	0 %100
138	M145	Z	0	0	0 %100
139	M146	X	0	0	0 %100
140	M146	Z	0	0	0 %100
141	M147	X	0	0	0 %100
142	M147	Z	0	0	0 %100
143	M148	X	0	0	0 %100
144	M148	Z	0	0	0 %100
145	M149	X	0	0	0 %100
146	M149	Z	0	0	0 %100
147	M150	X	0	0	0 %100
148	M150	Z	0	0	0 %100
149	M171	X	-.9	-.9	0 %100
150	M171	Z	-1.559	-1.559	0 %100
151	M172	X	-.873	-.873	0 %100
152	M172	Z	-1.511	-1.511	0 %100
153	M173	X	-.861	-.861	0 %100
154	M173	Z	-1.491	-1.491	0 %100
155	M174	X	-.831	-.831	0 %100
156	M174	Z	-1.44	-1.44	0 %100
157	M175	X	-1.183	-1.183	0 %100
158	M175	Z	-2.049	-2.049	0 %100
159	M176	X	-1.123	-1.123	0 %100
160	M176	Z	-1.946	-1.946	0 %100
161	M177A	X	-1.195	-1.195	0 %100
162	M177A	Z	-2.07	-2.07	0 %100
163	M178	X	-1.128	-1.128	0 %100
164	M178	Z	-1.954	-1.954	0 %100
165	M179	X	-1.162	-1.162	0 %100
166	M179	Z	-2.013	-2.013	0 %100
167	M181	X	-1.181	-1.181	0 %100
168	M181	Z	-2.046	-2.046	0 %100
169	M182	X	-1.124	-1.124	0 %100
170	M182	Z	-1.946	-1.946	0 %100
171	M183	X	-1.133	-1.133	0 %100
172	M183	Z	-1.962	-1.962	0 %100
173	M184	X	-1.098	-1.098	0 %100
174	M184	Z	-1.902	-1.902	0 %100
175	M185	X	-1.108	-1.108	0 %100
176	M185	Z	-1.919	-1.919	0 %100
177	M186	X	-1.073	-1.073	0 %100
178	M186	Z	-1.859	-1.859	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, %]
236	M242	Z	-26	-26	0 %100
237	M243	X	-2.135	-2.135	0 %100
238	M243	Z	-3.698	-3.698	0 %100
239	M244	X	-.534	-.534	0 %100
240	M244	Z	-.925	-.925	0 %100
241	M245	X	-.466	-.466	0 %100
242	M245	Z	-.807	-.807	0 %100
243	M246	X	-.425	-.425	0 %100
244	M246	Z	-.736	-.736	0 %100
245	M247	X	-.451	-.451	0 %100
246	M247	Z	-.782	-.782	0 %100
247	M248	X	-1.334	-1.334	0 %100
248	M248	Z	-2.311	-2.311	0 %100
249	M249	X	-1.248	-1.248	0 %100
250	M249	Z	-2.161	-2.161	0 %100
251	M250	X	-1.16	-1.16	0 %100
252	M250	Z	-2.009	-2.009	0 %100
253	M251	X	-1.334	-1.334	0 %100
254	M251	Z	-2.311	-2.311	0 %100
255	M252	X	-1.248	-1.248	0 %100
256	M252	Z	-2.161	-2.161	0 %100
257	M253	X	-1.16	-1.16	0 %100
258	M253	Z	-2.009	-2.009	0 %100
259	M274	X	-.225	-.225	0 %100
260	M274	Z	-.39	-.39	0 %100
261	M275	X	-.218	-.218	0 %100
262	M275	Z	-.378	-.378	0 %100
263	M276	X	-.455	-.455	0 %100
264	M276	Z	-.787	-.787	0 %100
265	M277	X	-.365	-.365	0 %100
266	M277	Z	-.632	-.632	0 %100
267	M278	X	-.296	-.296	0 %100
268	M278	Z	-.512	-.512	0 %100
269	M279	X	-.281	-.281	0 %100
270	M279	Z	-.486	-.486	0 %100
271	M280	X	-.372	-.372	0 %100
272	M280	Z	-.645	-.645	0 %100
273	M281	X	-.331	-.331	0 %100
274	M281	Z	-.573	-.573	0 %100
275	M282	X	-.99	-.99	0 %100
276	M282	Z	-1.714	-1.714	0 %100
277	M284	X	-.65	-.65	0 %100
278	M284	Z	-1.127	-1.127	0 %100
279	M285	X	-.963	-.963	0 %100
280	M285	Z	-1.668	-1.668	0 %100
281	M286	X	-.61	-.61	0 %100
282	M286	Z	-1.057	-1.057	0 %100
283	M287	X	-.939	-.939	0 %100
284	M287	Z	-1.626	-1.626	0 %100
285	M288	X	-.536	-.536	0 %100
286	M288	Z	-.928	-.928	0 %100
287	M289	X	-.919	-.919	0 %100
288	M289	Z	-1.591	-1.591	0 %100
289	M290	X	-.503	-.503	0 %100
290	M290	Z	-.872	-.872	0 %100
291	M291	X	-.908	-.908	0 %100
292	M291	Z	-1.573	-1.573	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.%,]
293	M292	X	-467	-467	0 %100
294	M292	Z	-809	-809	0 %100
295	M293	X	-899	-899	0 %100
296	M293	Z	-1.558	-1.558	0 %100
297	M294	X	-893	-893	0 %100
298	M294	Z	-1.546	-1.546	0 %100
299	M297	X	-212	-212	0 %100
300	M297	Z	-368	-368	0 %100
301	M298	X	-211	-211	0 %100
302	M298	Z	-366	-366	0 %100
303	M299	X	-293	-293	0 %100
304	M299	Z	-507	-507	0 %100
305	M300	X	-291	-291	0 %100
306	M300	Z	-503	-503	0 %100
307	M301	X	-293	-293	0 %100
308	M301	Z	-507	-507	0 %100
309	M302	X	-291	-291	0 %100
310	M302	Z	-503	-503	0 %100
311	M303	X	-657	-657	0 %100
312	M303	Z	-1.138	-1.138	0 %100
313	M304	X	-99	-99	0 %100
314	M304	Z	-1.714	-1.714	0 %100
315	M305	X	-67	-67	0 %100
316	M305	Z	-1.161	-1.161	0 %100
317	M306	X	-99	-99	0 %100
318	M306	Z	-1.714	-1.714	0 %100
319	M307A	X	-223	-223	0 %100
320	M307A	Z	-387	-387	0 %100
321	M308A	X	-222	-222	0 %100
322	M308A	Z	-385	-385	0 %100
323	M313A	X	-302	-302	0 %100
324	M313A	Z	-523	-523	0 %100
325	M314A	X	-219	-219	0 %100
326	M314A	Z	-379	-379	0 %100
327	M315A	X	-283	-283	0 %100
328	M315A	Z	-49	-49	0 %100
329	M316A	X	-312	-312	0 %100
330	M316A	Z	-54	-54	0 %100
331	M317A	X	-218	-218	0 %100
332	M317A	Z	-378	-378	0 %100
333	M318A	X	-281	-281	0 %100
334	M318A	Z	-487	-487	0 %100
335	M319A	X	-311	-311	0 %100
336	M319A	Z	-538	-538	0 %100
337	M320A	X	-301	-301	0 %100
338	M320A	Z	-522	-522	0 %100
339	M321A	X	-45	-45	0 %100
340	M321A	Z	-78	-78	0 %100
341	M322A	X	-359	-359	0 %100
342	M322A	Z	-622	-622	0 %100
343	M327	X	0	0	0 %100
344	M327	Z	0	0	0 %100
345	MP1C	X	-2.205	-2.205	0 %100
346	MP1C	Z	-3.82	-3.82	0 %100
347	MP2C	X	-2.205	-2.205	0 %100
348	MP2C	Z	-3.82	-3.82	0 %100
349	MP3C	X	-2.205	-2.205	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, %]
350	MP3C	Z	-3.82	-3.82	0 %100
351	MP4C	X	-2.205	-2.205	0 %100
352	MP4C	Z	-3.82	-3.82	0 %100
353	M336A	X	0	0	0 %100
354	M336A	Z	0	0	0 %100
355	M342	X	-1.654	-1.654	0 %100
356	M342	Z	-2.865	-2.865	0 %100
357	MP1B	X	-2.205	-2.205	0 %100
358	MP1B	Z	-3.82	-3.82	0 %100
359	MP2B	X	-2.205	-2.205	0 %100
360	MP2B	Z	-3.82	-3.82	0 %100
361	MP3B	X	-2.205	-2.205	0 %100
362	MP3B	Z	-3.82	-3.82	0 %100
363	MP4B	X	-2.205	-2.205	0 %100
364	MP4B	Z	-3.82	-3.82	0 %100
365	M351	X	-1.522	-1.522	0 %100
366	M351	Z	-2.636	-2.636	0 %100
367	M356	X	-1.416	-1.416	0 %100
368	M356	Z	-2.453	-2.453	0 %100
369	M359	X	0	0	0 %100
370	M359	Z	0	0	0 %100
371	M360	X	-1.489	-1.489	0 %100
372	M360	Z	-2.58	-2.58	0 %100
373	M361	X	-1.489	-1.489	0 %100
374	M361	Z	-2.58	-2.58	0 %100
375	M364	X	-1.299	-1.299	0 %100
376	M364	Z	-2.249	-2.249	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	M122	X	0	0	0 %100
2	M122	Z	-.493	-.493	0 %100
3	M123	X	0	0	0 %100
4	M123	Z	-.493	-.493	0 %100
5	M124	X	0	0	0 %100
6	M124	Z	-.706	-.706	0 %100
7	M125	X	0	0	0 %100
8	M125	Z	-.706	-.706	0 %100
9	M126	X	0	0	0 %100
10	M126	Z	0	0	0 %100
11	M127	X	0	0	0 %100
12	M127	Z	-5.7e-5	-5.7e-5	0 %100
13	M128	X	0	0	0 %100
14	M128	Z	-5.7e-5	-5.7e-5	0 %100
15	M129	X	0	0	0 %100
16	M129	Z	-.726	-.726	0 %100
17	M130	X	0	0	0 %100
18	M130	Z	-.674	-.674	0 %100
19	M131	X	0	0	0 %100
20	M131	Z	-.613	-.613	0 %100
21	M132	X	0	0	0 %100
22	M132	Z	-.726	-.726	0 %100
23	M133	X	0	0	0 %100
24	M133	Z	-.674	-.674	0 %100
25	M134	X	0	0	0 %100
26	M134	Z	-.613	-.613	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, %]	
27	M177	X	0	0	0	%100
28	M177	Z	-.73	-.73	0	%100
29	M287A	X	0	0	0	%100
30	M287A	Z	0	0	0	%100
31	M289A	X	0	0	0	%100
32	M289A	Z	0	0	0	%100
33	M290A	X	0	0	0	%100
34	M290A	Z	-.176	-.176	0	%100
35	M292A	X	0	0	0	%100
36	M292A	Z	-.116	-.116	0	%100
37	M293A	X	0	0	0	%100
38	M293A	Z	0	0	0	%100
39	M295A	X	0	0	0	%100
40	M295A	Z	0	0	0	%100
41	M296A	X	0	0	0	%100
42	M296A	Z	-.016	-.016	0	%100
43	M298A	X	0	0	0	%100
44	M298A	Z	-.011	-.011	0	%100
45	M299A	X	0	0	0	%100
46	M299A	Z	-.159	-.159	0	%100
47	M301A	X	0	0	0	%100
48	M301A	Z	-.08	-.08	0	%100
49	M302A	X	0	0	0	%100
50	M302A	Z	-.153	-.153	0	%100
51	M305A	X	0	0	0	%100
52	M305A	Z	-.075	-.075	0	%100
53	M306A	X	0	0	0	%100
54	M306A	Z	-.137	-.137	0	%100
55	M307	X	0	0	0	%100
56	M307	Z	-.055	-.055	0	%100
57	M308	X	0	0	0	%100
58	M308	Z	-.124	-.124	0	%100
59	M309	X	0	0	0	%100
60	M309	Z	-.047	-.047	0	%100
61	M310	X	0	0	0	%100
62	M310	Z	-.117	-.117	0	%100
63	M311	X	0	0	0	%100
64	M311	Z	-.038	-.038	0	%100
65	M312	X	0	0	0	%100
66	M312	Z	-.111	-.111	0	%100
67	M313	X	0	0	0	%100
68	M313	Z	-.105	-.105	0	%100
69	M316	X	0	0	0	%100
70	M316	Z	0	0	0	%100
71	M317	X	0	0	0	%100
72	M317	Z	0	0	0	%100
73	M318	X	0	0	0	%100
74	M318	Z	0	0	0	%100
75	M319	X	0	0	0	%100
76	M319	Z	0	0	0	%100
77	M320	X	0	0	0	%100
78	M320	Z	0	0	0	%100
79	M321	X	0	0	0	%100
80	M321	Z	0	0	0	%100
81	M322	X	0	0	0	%100
82	M322	Z	-.076	-.076	0	%100
83	M323A	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
84	M323A	Z	- .159	- .159	0 %100
85	M324A	X	0	0	0 %100
86	M324A	Z	- .079	- .079	0 %100
87	M325A	X	0	0	0 %100
88	M325A	Z	- .159	- .159	0 %100
89	M326A	X	0	0	0 %100
90	M326A	Z	0	0	0 %100
91	M327A	X	0	0	0 %100
92	M327A	Z	0	0	0 %100
93	M332B	X	0	0	0 %100
94	M332B	Z	- .069	- .069	0 %100
95	M333A	X	0	0	0 %100
96	M333A	Z	0	0	0 %100
97	M334A	X	0	0	0 %100
98	M334A	Z	0	0	0 %100
99	M335A	X	0	0	0 %100
100	M335A	Z	- .007	- .007	0 %100
101	M336	X	0	0	0 %100
102	M336	Z	0	0	0 %100
103	M337	X	0	0	0 %100
104	M337	Z	0	0	0 %100
105	M338	X	0	0	0 %100
106	M338	Z	- .006	- .006	0 %100
107	M339	X	0	0	0 %100
108	M339	Z	- .069	- .069	0 %100
109	M344	X	0	0	0 %100
110	M344	Z	- .034	- .034	0 %100
111	M345	X	0	0	0 %100
112	M345	Z	- .017	- .017	0 %100
113	MP1A	X	0	0	0 %100
114	MP1A	Z	- .73	- .73	0 %100
115	MP2A	X	0	0	0 %100
116	MP2A	Z	- .73	- .73	0 %100
117	MP3A	X	0	0	0 %100
118	MP3A	Z	- .73	- .73	0 %100
119	MP4A	X	0	0	0 %100
120	MP4A	Z	- .73	- .73	0 %100
121	M344A	X	0	0	0 %100
122	M344A	Z	- .603	- .603	0 %100
123	M138	X	0	0	0 %100
124	M138	Z	- .066	- .066	0 %100
125	M139	X	0	0	0 %100
126	M139	Z	- .92	- .92	0 %100
127	M140	X	0	0	0 %100
128	M140	Z	0	0	0 %100
129	M141	X	0	0	0 %100
130	M141	Z	- .706	- .706	0 %100
131	M142	X	0	0	0 %100
132	M142	Z	- .481	- .481	0 %100
133	M143	X	0	0	0 %100
134	M143	Z	- .577	- .577	0 %100
135	M144	X	0	0	0 %100
136	M144	Z	- .565	- .565	0 %100
137	M145	X	0	0	0 %100
138	M145	Z	- .182	- .182	0 %100
139	M146	X	0	0	0 %100
140	M146	Z	- .168	- .168	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.%,]	
141	M147	X	0	0	0	%100
142	M147	Z	-.153	-.153	0	%100
143	M148	X	0	0	0	%100
144	M148	Z	-.182	-.182	0	%100
145	M149	X	0	0	0	%100
146	M149	Z	-.168	-.168	0	%100
147	M150	X	0	0	0	%100
148	M150	Z	-.153	-.153	0	%100
149	M171	X	0	0	0	%100
150	M171	Z	-.097	-.097	0	%100
151	M172	X	0	0	0	%100
152	M172	Z	-.095	-.095	0	%100
153	M173	X	0	0	0	%100
154	M173	Z	-.117	-.117	0	%100
155	M174	X	0	0	0	%100
156	M174	Z	-.1	-.1	0	%100
157	M175	X	0	0	0	%100
158	M175	Z	-.25	-.25	0	%100
159	M176	X	0	0	0	%100
160	M176	Z	-.231	-.231	0	%100
161	M177A	X	0	0	0	%100
162	M177A	Z	-.258	-.258	0	%100
163	M178	X	0	0	0	%100
164	M178	Z	-.235	-.235	0	%100
165	M179	X	0	0	0	%100
166	M179	Z	-.283	-.283	0	%100
167	M181	X	0	0	0	%100
168	M181	Z	-.269	-.269	0	%100
169	M182	X	0	0	0	%100
170	M182	Z	-.269	-.269	0	%100
171	M183	X	0	0	0	%100
172	M183	Z	-.252	-.252	0	%100
173	M184	X	0	0	0	%100
174	M184	Z	-.252	-.252	0	%100
175	M185	X	0	0	0	%100
176	M185	Z	-.237	-.237	0	%100
177	M186	X	0	0	0	%100
178	M186	Z	-.235	-.235	0	%100
179	M187	X	0	0	0	%100
180	M187	Z	-.226	-.226	0	%100
181	M188	X	0	0	0	%100
182	M188	Z	-.226	-.226	0	%100
183	M189	X	0	0	0	%100
184	M189	Z	-.216	-.216	0	%100
185	M190	X	0	0	0	%100
186	M190	Z	-.219	-.219	0	%100
187	M191	X	0	0	0	%100
188	M191	Z	-.217	-.217	0	%100
189	M194	X	0	0	0	%100
190	M194	Z	-.072	-.072	0	%100
191	M195	X	0	0	0	%100
192	M195	Z	-.072	-.072	0	%100
193	M196	X	0	0	0	%100
194	M196	Z	-.246	-.246	0	%100
195	M197	X	0	0	0	%100
196	M197	Z	-.243	-.243	0	%100
197	M198	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
198	M198	Z	-.246	-.246	0 %100
199	M199	X	0	0	0 %100
200	M199	Z	-.243	-.243	0 %100
201	M200	X	0	0	0 %100
202	M200	Z	-.288	-.288	0 %100
203	M201	X	0	0	0 %100
204	M201	Z	-.283	-.283	0 %100
205	M202	X	0	0	0 %100
206	M202	Z	-.287	-.287	0 %100
207	M203	X	0	0	0 %100
208	M203	Z	-.283	-.283	0 %100
209	M204	X	0	0	0 %100
210	M204	Z	-.096	-.096	0 %100
211	M205	X	0	0	0 %100
212	M205	Z	-.096	-.096	0 %100
213	M210	X	0	0	0 %100
214	M210	Z	-.089	-.089	0 %100
215	M211	X	0	0	0 %100
216	M211	Z	-.095	-.095	0 %100
217	M212	X	0	0	0 %100
218	M212	Z	-.233	-.233	0 %100
219	M213	X	0	0	0 %100
220	M213	Z	-.235	-.235	0 %100
221	M214	X	0	0	0 %100
222	M214	Z	-.095	-.095	0 %100
223	M215	X	0	0	0 %100
224	M215	Z	-.231	-.231	0 %100
225	M216	X	0	0	0 %100
226	M216	Z	-.234	-.234	0 %100
227	M217	X	0	0	0 %100
228	M217	Z	-.089	-.089	0 %100
229	M218	X	0	0	0 %100
230	M218	Z	-.207	-.207	0 %100
231	M219	X	0	0	0 %100
232	M219	Z	-.201	-.201	0 %100
233	M241	X	0	0	0 %100
234	M241	Z	-.92	-.92	0 %100
235	M242	X	0	0	0 %100
236	M242	Z	-.066	-.066	0 %100
237	M243	X	0	0	0 %100
238	M243	Z	-.706	-.706	0 %100
239	M244	X	0	0	0 %100
240	M244	Z	0	0	0 %100
241	M245	X	0	0	0 %100
242	M245	Z	-.481	-.481	0 %100
243	M246	X	0	0	0 %100
244	M246	Z	-.565	-.565	0 %100
245	M247	X	0	0	0 %100
246	M247	Z	-.577	-.577	0 %100
247	M248	X	0	0	0 %100
248	M248	Z	-.182	-.182	0 %100
249	M249	X	0	0	0 %100
250	M249	Z	-.168	-.168	0 %100
251	M250	X	0	0	0 %100
252	M250	Z	-.153	-.153	0 %100
253	M251	X	0	0	0 %100
254	M251	Z	-.182	-.182	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, %]	
255	M252	X	0	0	0	%100
256	M252	Z	-0.168	-0.168	0	%100
257	M253	X	0	0	0	%100
258	M253	Z	-0.153	-0.153	0	%100
259	M274	X	0	0	0	%100
260	M274	Z	-0.097	-0.097	0	%100
261	M275	X	0	0	0	%100
262	M275	Z	-0.095	-0.095	0	%100
263	M276	X	0	0	0	%100
264	M276	Z	-0.117	-0.117	0	%100
265	M277	X	0	0	0	%100
266	M277	Z	-0.1	-0.1	0	%100
267	M278	X	0	0	0	%100
268	M278	Z	-0.25	-0.25	0	%100
269	M279	X	0	0	0	%100
270	M279	Z	-0.231	-0.231	0	%100
271	M280	X	0	0	0	%100
272	M280	Z	-0.258	-0.258	0	%100
273	M281	X	0	0	0	%100
274	M281	Z	-0.235	-0.235	0	%100
275	M282	X	0	0	0	%100
276	M282	Z	-0.283	-0.283	0	%100
277	M284	X	0	0	0	%100
278	M284	Z	-0.269	-0.269	0	%100
279	M285	X	0	0	0	%100
280	M285	Z	-0.269	-0.269	0	%100
281	M286	X	0	0	0	%100
282	M286	Z	-0.252	-0.252	0	%100
283	M287	X	0	0	0	%100
284	M287	Z	-0.252	-0.252	0	%100
285	M288	X	0	0	0	%100
286	M288	Z	-0.237	-0.237	0	%100
287	M289	X	0	0	0	%100
288	M289	Z	-0.235	-0.235	0	%100
289	M290	X	0	0	0	%100
290	M290	Z	-0.226	-0.226	0	%100
291	M291	X	0	0	0	%100
292	M291	Z	-0.226	-0.226	0	%100
293	M292	X	0	0	0	%100
294	M292	Z	-0.216	-0.216	0	%100
295	M293	X	0	0	0	%100
296	M293	Z	-0.219	-0.219	0	%100
297	M294	X	0	0	0	%100
298	M294	Z	-0.217	-0.217	0	%100
299	M297	X	0	0	0	%100
300	M297	Z	-0.072	-0.072	0	%100
301	M298	X	0	0	0	%100
302	M298	Z	-0.072	-0.072	0	%100
303	M299	X	0	0	0	%100
304	M299	Z	-0.246	-0.246	0	%100
305	M300	X	0	0	0	%100
306	M300	Z	-0.243	-0.243	0	%100
307	M301	X	0	0	0	%100
308	M301	Z	-0.246	-0.246	0	%100
309	M302	X	0	0	0	%100
310	M302	Z	-0.243	-0.243	0	%100
311	M303	X	0	0	0	%100





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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
312	M303	Z	-.288	-.288	0 %100
313	M304	X	0	0	0 %100
314	M304	Z	-.283	-.283	0 %100
315	M305	X	0	0	0 %100
316	M305	Z	-.287	-.287	0 %100
317	M306	X	0	0	0 %100
318	M306	Z	-.283	-.283	0 %100
319	M307A	X	0	0	0 %100
320	M307A	Z	-.096	-.096	0 %100
321	M308A	X	0	0	0 %100
322	M308A	Z	-.096	-.096	0 %100
323	M313A	X	0	0	0 %100
324	M313A	Z	-.089	-.089	0 %100
325	M314A	X	0	0	0 %100
326	M314A	Z	-.095	-.095	0 %100
327	M315A	X	0	0	0 %100
328	M315A	Z	-.233	-.233	0 %100
329	M316A	X	0	0	0 %100
330	M316A	Z	-.235	-.235	0 %100
331	M317A	X	0	0	0 %100
332	M317A	Z	-.095	-.095	0 %100
333	M318A	X	0	0	0 %100
334	M318A	Z	-.231	-.231	0 %100
335	M319A	X	0	0	0 %100
336	M319A	Z	-.234	-.234	0 %100
337	M320A	X	0	0	0 %100
338	M320A	Z	-.089	-.089	0 %100
339	M321A	X	0	0	0 %100
340	M321A	Z	-.207	-.207	0 %100
341	M322A	X	0	0	0 %100
342	M322A	Z	-.201	-.201	0 %100
343	M327	X	0	0	0 %100
344	M327	Z	-.182	-.182	0 %100
345	MP1C	X	0	0	0 %100
346	MP1C	Z	-.73	-.73	0 %100
347	MP2C	X	0	0	0 %100
348	MP2C	Z	-.73	-.73	0 %100
349	MP3C	X	0	0	0 %100
350	MP3C	Z	-.73	-.73	0 %100
351	MP4C	X	0	0	0 %100
352	MP4C	Z	-.73	-.73	0 %100
353	M336A	X	0	0	0 %100
354	M336A	Z	-.151	-.151	0 %100
355	M342	X	0	0	0 %100
356	M342	Z	-.182	-.182	0 %100
357	MP1B	X	0	0	0 %100
358	MP1B	Z	-.73	-.73	0 %100
359	MP2B	X	0	0	0 %100
360	MP2B	Z	-.73	-.73	0 %100
361	MP3B	X	0	0	0 %100
362	MP3B	Z	-.73	-.73	0 %100
363	MP4B	X	0	0	0 %100
364	MP4B	Z	-.73	-.73	0 %100
365	M351	X	0	0	0 %100
366	M351	Z	-.151	-.151	0 %100
367	M356	X	0	0	0 %100
368	M356	Z	-.441	-.441	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.%]
369	M359	X	0	0	0	%100
370	M359	Z	-.207	-.207	0	%100
371	M360	X	0	0	0	%100
372	M360	Z	-.207	-.207	0	%100
373	M361	X	0	0	0	%100
374	M361	Z	-.828	-.828	0	%100
375	M364	X	0	0	0	%100
376	M364	Z	-.399	-.399	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	M122	X	.46	.46	0	%100
2	M122	Z	-.797	-.797	0	%100
3	M123	X	.033	.033	0	%100
4	M123	Z	-.057	-.057	0	%100
5	M124	X	.471	.471	0	%100
6	M124	Z	-.816	-.816	0	%100
7	M125	X	.118	.118	0	%100
8	M125	Z	-.204	-.204	0	%100
9	M126	X	.08	.08	0	%100
10	M126	Z	-.139	-.139	0	%100
11	M127	X	.092	.092	0	%100
12	M127	Z	-.16	-.16	0	%100
13	M128	X	.098	.098	0	%100
14	M128	Z	-.17	-.17	0	%100
15	M129	X	.272	.272	0	%100
16	M129	Z	-.472	-.472	0	%100
17	M130	X	.253	.253	0	%100
18	M130	Z	-.438	-.438	0	%100
19	M131	X	.23	.23	0	%100
20	M131	Z	-.398	-.398	0	%100
21	M132	X	.272	.272	0	%100
22	M132	Z	-.472	-.472	0	%100
23	M133	X	.253	.253	0	%100
24	M133	Z	-.438	-.438	0	%100
25	M134	X	.23	.23	0	%100
26	M134	Z	-.398	-.398	0	%100
27	M177	X	.274	.274	0	%100
28	M177	Z	-.474	-.474	0	%100
29	M287A	X	.016	.016	0	%100
30	M287A	Z	-.028	-.028	0	%100
31	M289A	X	.016	.016	0	%100
32	M289A	Z	-.027	-.027	0	%100
33	M290A	X	.078	.078	0	%100
34	M290A	Z	-.135	-.135	0	%100
35	M292A	X	.055	.055	0	%100
36	M292A	Z	-.096	-.096	0	%100
37	M293A	X	.042	.042	0	%100
38	M293A	Z	-.072	-.072	0	%100
39	M295A	X	.038	.038	0	%100
40	M295A	Z	-.067	-.067	0	%100
41	M296A	X	.048	.048	0	%100
42	M296A	Z	-.084	-.084	0	%100
43	M298A	X	.043	.043	0	%100
44	M298A	Z	-.074	-.074	0	%100
45	M299A	X	.1	.1	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, %]
46	M299A	Z	-.173	-.173	0 %100
47	M301A	X	.072	.072	0 %100
48	M301A	Z	-.124	-.124	0 %100
49	M302A	X	.096	.096	0 %100
50	M302A	Z	-.166	-.166	0 %100
51	M305A	X	.067	.067	0 %100
52	M305A	Z	-.116	-.116	0 %100
53	M306A	X	.088	.088	0 %100
54	M306A	Z	-.152	-.152	0 %100
55	M307	X	.058	.058	0 %100
56	M307	Z	-.1	-.1	0 %100
57	M308	X	.08	.08	0 %100
58	M308	Z	-.139	-.139	0 %100
59	M309	X	.053	.053	0 %100
60	M309	Z	-.092	-.092	0 %100
61	M310	X	.077	.077	0 %100
62	M310	Z	-.133	-.133	0 %100
63	M311	X	.049	.049	0 %100
64	M311	Z	-.084	-.084	0 %100
65	M312	X	.073	.073	0 %100
66	M312	Z	-.127	-.127	0 %100
67	M313	X	.071	.071	0 %100
68	M313	Z	-.123	-.123	0 %100
69	M316	X	.012	.012	0 %100
70	M316	Z	-.021	-.021	0 %100
71	M317	X	.012	.012	0 %100
72	M317	Z	-.021	-.021	0 %100
73	M318	X	.041	.041	0 %100
74	M318	Z	-.071	-.071	0 %100
75	M319	X	.041	.041	0 %100
76	M319	Z	-.07	-.07	0 %100
77	M320	X	.041	.041	0 %100
78	M320	Z	-.071	-.071	0 %100
79	M321	X	.041	.041	0 %100
80	M321	Z	-.07	-.07	0 %100
81	M322	X	.073	.073	0 %100
82	M322	Z	-.127	-.127	0 %100
83	M323A	X	.1	.1	0 %100
84	M323A	Z	-.173	-.173	0 %100
85	M324A	X	.074	.074	0 %100
86	M324A	Z	-.129	-.129	0 %100
87	M325A	X	.1	.1	0 %100
88	M325A	Z	-.173	-.173	0 %100
89	M326A	X	.016	.016	0 %100
90	M326A	Z	-.028	-.028	0 %100
91	M327A	X	.016	.016	0 %100
92	M327A	Z	-.028	-.028	0 %100
93	M332B	X	.038	.038	0 %100
94	M332B	Z	-.066	-.066	0 %100
95	M333A	X	.016	.016	0 %100
96	M333A	Z	-.027	-.027	0 %100
97	M334A	X	.039	.039	0 %100
98	M334A	Z	-.067	-.067	0 %100
99	M335A	X	.041	.041	0 %100
100	M335A	Z	-.072	-.072	0 %100
101	M336	X	.016	.016	0 %100
102	M336	Z	-.027	-.027	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, %]	
103	M337	X	.039	.039	0	%100
104	M337	Z	-.067	-.067	0	%100
105	M338	X	.041	.041	0	%100
106	M338	Z	-.071	-.071	0	%100
107	M339	X	.038	.038	0	%100
108	M339	Z	-.065	-.065	0	%100
109	M344	X	.046	.046	0	%100
110	M344	Z	-.079	-.079	0	%100
111	M345	X	.039	.039	0	%100
112	M345	Z	-.068	-.068	0	%100
113	MP1A	X	.365	.365	0	%100
114	MP1A	Z	-.632	-.632	0	%100
115	MP2A	X	.365	.365	0	%100
116	MP2A	Z	-.632	-.632	0	%100
117	MP3A	X	.365	.365	0	%100
118	MP3A	Z	-.632	-.632	0	%100
119	MP4A	X	.365	.365	0	%100
120	MP4A	Z	-.632	-.632	0	%100
121	M344A	X	.226	.226	0	%100
122	M344A	Z	-.391	-.391	0	%100
123	M138	X	.033	.033	0	%100
124	M138	Z	-.057	-.057	0	%100
125	M139	X	.46	.46	0	%100
126	M139	Z	-.797	-.797	0	%100
127	M140	X	.118	.118	0	%100
128	M140	Z	-.204	-.204	0	%100
129	M141	X	.471	.471	0	%100
130	M141	Z	-.816	-.816	0	%100
131	M142	X	.08	.08	0	%100
132	M142	Z	-.139	-.139	0	%100
133	M143	X	.098	.098	0	%100
134	M143	Z	-.17	-.17	0	%100
135	M144	X	.092	.092	0	%100
136	M144	Z	-.16	-.16	0	%100
137	M145	X	.272	.272	0	%100
138	M145	Z	-.472	-.472	0	%100
139	M146	X	.253	.253	0	%100
140	M146	Z	-.438	-.438	0	%100
141	M147	X	.23	.23	0	%100
142	M147	Z	-.398	-.398	0	%100
143	M148	X	.272	.272	0	%100
144	M148	Z	-.472	-.472	0	%100
145	M149	X	.253	.253	0	%100
146	M149	Z	-.438	-.438	0	%100
147	M150	X	.23	.23	0	%100
148	M150	Z	-.398	-.398	0	%100
149	M171	X	.016	.016	0	%100
150	M171	Z	-.028	-.028	0	%100
151	M172	X	.016	.016	0	%100
152	M172	Z	-.027	-.027	0	%100
153	M173	X	.078	.078	0	%100
154	M173	Z	-.135	-.135	0	%100
155	M174	X	.055	.055	0	%100
156	M174	Z	-.096	-.096	0	%100
157	M175	X	.042	.042	0	%100
158	M175	Z	-.072	-.072	0	%100
159	M176	X	.038	.038	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, %]
160	M176	Z	-.067	-.067	0 %100
161	M177A	X	.048	.048	0 %100
162	M177A	Z	-.084	-.084	0 %100
163	M178	X	.043	.043	0 %100
164	M178	Z	-.074	-.074	0 %100
165	M179	X	.1	.1	0 %100
166	M179	Z	-.173	-.173	0 %100
167	M181	X	.072	.072	0 %100
168	M181	Z	-.124	-.124	0 %100
169	M182	X	.096	.096	0 %100
170	M182	Z	-.166	-.166	0 %100
171	M183	X	.067	.067	0 %100
172	M183	Z	-.116	-.116	0 %100
173	M184	X	.088	.088	0 %100
174	M184	Z	-.152	-.152	0 %100
175	M185	X	.058	.058	0 %100
176	M185	Z	-.1	-.1	0 %100
177	M186	X	.08	.08	0 %100
178	M186	Z	-.139	-.139	0 %100
179	M187	X	.053	.053	0 %100
180	M187	Z	-.092	-.092	0 %100
181	M188	X	.077	.077	0 %100
182	M188	Z	-.133	-.133	0 %100
183	M189	X	.049	.049	0 %100
184	M189	Z	-.084	-.084	0 %100
185	M190	X	.073	.073	0 %100
186	M190	Z	-.127	-.127	0 %100
187	M191	X	.071	.071	0 %100
188	M191	Z	-.123	-.123	0 %100
189	M194	X	.012	.012	0 %100
190	M194	Z	-.021	-.021	0 %100
191	M195	X	.012	.012	0 %100
192	M195	Z	-.021	-.021	0 %100
193	M196	X	.041	.041	0 %100
194	M196	Z	-.071	-.071	0 %100
195	M197	X	.041	.041	0 %100
196	M197	Z	-.07	-.07	0 %100
197	M198	X	.041	.041	0 %100
198	M198	Z	-.071	-.071	0 %100
199	M199	X	.041	.041	0 %100
200	M199	Z	-.07	-.07	0 %100
201	M200	X	.073	.073	0 %100
202	M200	Z	-.127	-.127	0 %100
203	M201	X	.1	.1	0 %100
204	M201	Z	-.173	-.173	0 %100
205	M202	X	.074	.074	0 %100
206	M202	Z	-.129	-.129	0 %100
207	M203	X	.1	.1	0 %100
208	M203	Z	-.173	-.173	0 %100
209	M204	X	.016	.016	0 %100
210	M204	Z	-.028	-.028	0 %100
211	M205	X	.016	.016	0 %100
212	M205	Z	-.028	-.028	0 %100
213	M210	X	.038	.038	0 %100
214	M210	Z	-.066	-.066	0 %100
215	M211	X	.016	.016	0 %100
216	M211	Z	-.027	-.027	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.%,]
217	M212	X	.039	.039	0 %100
218	M212	Z	-.067	-.067	0 %100
219	M213	X	.041	.041	0 %100
220	M213	Z	-.072	-.072	0 %100
221	M214	X	.016	.016	0 %100
222	M214	Z	-.027	-.027	0 %100
223	M215	X	.039	.039	0 %100
224	M215	Z	-.067	-.067	0 %100
225	M216	X	.041	.041	0 %100
226	M216	Z	-.071	-.071	0 %100
227	M217	X	.038	.038	0 %100
228	M217	Z	-.065	-.065	0 %100
229	M218	X	.046	.046	0 %100
230	M218	Z	-.079	-.079	0 %100
231	M219	X	.039	.039	0 %100
232	M219	Z	-.068	-.068	0 %100
233	M241	X	.247	.247	0 %100
234	M241	Z	-.427	-.427	0 %100
235	M242	X	.247	.247	0 %100
236	M242	Z	-.427	-.427	0 %100
237	M243	X	.118	.118	0 %100
238	M243	Z	-.204	-.204	0 %100
239	M244	X	.118	.118	0 %100
240	M244	Z	-.204	-.204	0 %100
241	M245	X	.321	.321	0 %100
242	M245	Z	-.556	-.556	0 %100
243	M246	X	.381	.381	0 %100
244	M246	Z	-.659	-.659	0 %100
245	M247	X	.381	.381	0 %100
246	M247	Z	-.659	-.659	0 %100
247	M248	X	0	0	0 %100
248	M248	Z	0	0	0 %100
249	M249	X	0	0	0 %100
250	M249	Z	0	0	0 %100
251	M250	X	0	0	0 %100
252	M250	Z	0	0	0 %100
253	M251	X	0	0	0 %100
254	M251	Z	0	0	0 %100
255	M252	X	0	0	0 %100
256	M252	Z	0	0	0 %100
257	M253	X	0	0	0 %100
258	M253	Z	0	0	0 %100
259	M274	X	.065	.065	0 %100
260	M274	Z	-.112	-.112	0 %100
261	M275	X	.063	.063	0 %100
262	M275	Z	-.11	-.11	0 %100
263	M276	X	.049	.049	0 %100
264	M276	Z	-.085	-.085	0 %100
265	M277	X	.048	.048	0 %100
266	M277	Z	-.082	-.082	0 %100
267	M278	X	.167	.167	0 %100
268	M278	Z	-.289	-.289	0 %100
269	M279	X	.154	.154	0 %100
270	M279	Z	-.266	-.266	0 %100
271	M280	X	.169	.169	0 %100
272	M280	Z	-.293	-.293	0 %100
273	M281	X	.155	.155	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, %]
274	M281	Z	-.268	-.268	0 %100
275	M282	X	.162	.162	0 %100
276	M282	Z	-.281	-.281	0 %100
277	M284	X	.166	.166	0 %100
278	M284	Z	-.288	-.288	0 %100
279	M285	X	.154	.154	0 %100
280	M285	Z	-.266	-.266	0 %100
281	M286	X	.156	.156	0 %100
282	M286	Z	-.27	-.27	0 %100
283	M287	X	.145	.145	0 %100
284	M287	Z	-.251	-.251	0 %100
285	M288	X	.149	.149	0 %100
286	M288	Z	-.257	-.257	0 %100
287	M289	X	.136	.136	0 %100
288	M289	Z	-.236	-.236	0 %100
289	M290	X	.143	.143	0 %100
290	M290	Z	-.247	-.247	0 %100
291	M291	X	.131	.131	0 %100
292	M291	Z	-.228	-.228	0 %100
293	M292	X	.138	.138	0 %100
294	M292	Z	-.238	-.238	0 %100
295	M293	X	.127	.127	0 %100
296	M293	Z	-.221	-.221	0 %100
297	M294	X	.127	.127	0 %100
298	M294	Z	-.22	-.22	0 %100
299	M297	X	.048	.048	0 %100
300	M297	Z	-.084	-.084	0 %100
301	M298	X	.048	.048	0 %100
302	M298	Z	-.083	-.083	0 %100
303	M299	X	.164	.164	0 %100
304	M299	Z	-.284	-.284	0 %100
305	M300	X	.162	.162	0 %100
306	M300	Z	-.281	-.281	0 %100
307	M301	X	.164	.164	0 %100
308	M301	Z	-.284	-.284	0 %100
309	M302	X	.162	.162	0 %100
310	M302	Z	-.281	-.281	0 %100
311	M303	X	.179	.179	0 %100
312	M303	Z	-.311	-.311	0 %100
313	M304	X	.162	.162	0 %100
314	M304	Z	-.281	-.281	0 %100
315	M305	X	.178	.178	0 %100
316	M305	Z	-.309	-.309	0 %100
317	M306	X	.162	.162	0 %100
318	M306	Z	-.281	-.281	0 %100
319	M307A	X	.064	.064	0 %100
320	M307A	Z	-.111	-.111	0 %100
321	M308A	X	.064	.064	0 %100
322	M308A	Z	-.111	-.111	0 %100
323	M313A	X	.048	.048	0 %100
324	M313A	Z	-.082	-.082	0 %100
325	M314A	X	.063	.063	0 %100
326	M314A	Z	-.11	-.11	0 %100
327	M315A	X	.156	.156	0 %100
328	M315A	Z	-.269	-.269	0 %100
329	M316A	X	.155	.155	0 %100
330	M316A	Z	-.269	-.269	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.%]
331	M317A	X	.063	.063	0	%100
332	M317A	Z	-.11	-.11	0	%100
333	M318A	X	.154	.154	0	%100
334	M318A	Z	-.267	-.267	0	%100
335	M319A	X	.155	.155	0	%100
336	M319A	Z	-.268	-.268	0	%100
337	M320A	X	.048	.048	0	%100
338	M320A	Z	-.082	-.082	0	%100
339	M321A	X	.132	.132	0	%100
340	M321A	Z	-.229	-.229	0	%100
341	M322A	X	.131	.131	0	%100
342	M322A	Z	-.227	-.227	0	%100
343	M327	X	.274	.274	0	%100
344	M327	Z	-.474	-.474	0	%100
345	MP1C	X	.365	.365	0	%100
346	MP1C	Z	-.632	-.632	0	%100
347	MP2C	X	.365	.365	0	%100
348	MP2C	Z	-.632	-.632	0	%100
349	MP3C	X	.365	.365	0	%100
350	MP3C	Z	-.632	-.632	0	%100
351	MP4C	X	.365	.365	0	%100
352	MP4C	Z	-.632	-.632	0	%100
353	M336A	X	.226	.226	0	%100
354	M336A	Z	-.391	-.391	0	%100
355	M342	X	0	0	0	%100
356	M342	Z	0	0	0	%100
357	MP1B	X	.365	.365	0	%100
358	MP1B	Z	-.632	-.632	0	%100
359	MP2B	X	.365	.365	0	%100
360	MP2B	Z	-.632	-.632	0	%100
361	MP3B	X	.365	.365	0	%100
362	MP3B	Z	-.632	-.632	0	%100
363	MP4B	X	.365	.365	0	%100
364	MP4B	Z	-.632	-.632	0	%100
365	M351	X	0	0	0	%100
366	M351	Z	0	0	0	%100
367	M356	X	.221	.221	0	%100
368	M356	Z	-.382	-.382	0	%100
369	M359	X	.31	.31	0	%100
370	M359	Z	-.538	-.538	0	%100
371	M360	X	0	0	0	%100
372	M360	Z	0	0	0	%100
373	M361	X	.311	.311	0	%100
374	M361	Z	-.538	-.538	0	%100
375	M364	X	.199	.199	0	%100
376	M364	Z	-.345	-.345	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	M122	X	.797	.797	0	%100
2	M122	Z	-.46	-.46	0	%100
3	M123	X	.057	.057	0	%100
4	M123	Z	-.033	-.033	0	%100
5	M124	X	.612	.612	0	%100
6	M124	Z	-.353	-.353	0	%100
7	M125	X	0	0	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, %]	
8	M125	Z	0	0	0	%100
9	M126	X	.417	.417	0	%100
10	M126	Z	-.241	-.241	0	%100
11	M127	X	.489	.489	0	%100
12	M127	Z	-.283	-.283	0	%100
13	M128	X	.499	.499	0	%100
14	M128	Z	-.288	-.288	0	%100
15	M129	X	.157	.157	0	%100
16	M129	Z	-.091	-.091	0	%100
17	M130	X	.146	.146	0	%100
18	M130	Z	-.084	-.084	0	%100
19	M131	X	.133	.133	0	%100
20	M131	Z	-.077	-.077	0	%100
21	M132	X	.157	.157	0	%100
22	M132	Z	-.091	-.091	0	%100
23	M133	X	.146	.146	0	%100
24	M133	Z	-.084	-.084	0	%100
25	M134	X	.133	.133	0	%100
26	M134	Z	-.077	-.077	0	%100
27	M177	X	.158	.158	0	%100
28	M177	Z	-.091	-.091	0	%100
29	M287A	X	.084	.084	0	%100
30	M287A	Z	-.049	-.049	0	%100
31	M289A	X	.082	.082	0	%100
32	M289A	Z	-.048	-.048	0	%100
33	M290A	X	.102	.102	0	%100
34	M290A	Z	-.059	-.059	0	%100
35	M292A	X	.087	.087	0	%100
36	M292A	Z	-.05	-.05	0	%100
37	M293A	X	.216	.216	0	%100
38	M293A	Z	-.125	-.125	0	%100
39	M295A	X	.2	.2	0	%100
40	M295A	Z	-.115	-.115	0	%100
41	M296A	X	.223	.223	0	%100
42	M296A	Z	-.129	-.129	0	%100
43	M298A	X	.203	.203	0	%100
44	M298A	Z	-.117	-.117	0	%100
45	M299A	X	.245	.245	0	%100
46	M299A	Z	-.141	-.141	0	%100
47	M301A	X	.233	.233	0	%100
48	M301A	Z	-.135	-.135	0	%100
49	M302A	X	.233	.233	0	%100
50	M302A	Z	-.134	-.134	0	%100
51	M305A	X	.219	.219	0	%100
52	M305A	Z	-.126	-.126	0	%100
53	M306A	X	.218	.218	0	%100
54	M306A	Z	-.126	-.126	0	%100
55	M307	X	.205	.205	0	%100
56	M307	Z	-.118	-.118	0	%100
57	M308	X	.203	.203	0	%100
58	M308	Z	-.117	-.117	0	%100
59	M309	X	.195	.195	0	%100
60	M309	Z	-.113	-.113	0	%100
61	M310	X	.196	.196	0	%100
62	M310	Z	-.113	-.113	0	%100
63	M311	X	.187	.187	0	%100
64	M311	Z	-.108	-.108	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, %]
65	M312	X	.19	.19	0 %100
66	M312	Z	-.109	-.109	0 %100
67	M313	X	.188	.188	0 %100
68	M313	Z	-.108	-.108	0 %100
69	M316	X	.063	.063	0 %100
70	M316	Z	-.036	-.036	0 %100
71	M317	X	.062	.062	0 %100
72	M317	Z	-.036	-.036	0 %100
73	M318	X	.213	.213	0 %100
74	M318	Z	-.123	-.123	0 %100
75	M319	X	.211	.211	0 %100
76	M319	Z	-.122	-.122	0 %100
77	M320	X	.213	.213	0 %100
78	M320	Z	-.123	-.123	0 %100
79	M321	X	.211	.211	0 %100
80	M321	Z	-.122	-.122	0 %100
81	M322	X	.25	.25	0 %100
82	M322	Z	-.144	-.144	0 %100
83	M323A	X	.245	.245	0 %100
84	M323A	Z	-.141	-.141	0 %100
85	M324A	X	.249	.249	0 %100
86	M324A	Z	-.144	-.144	0 %100
87	M325A	X	.245	.245	0 %100
88	M325A	Z	-.141	-.141	0 %100
89	M326A	X	.084	.084	0 %100
90	M326A	Z	-.048	-.048	0 %100
91	M327A	X	.083	.083	0 %100
92	M327A	Z	-.048	-.048	0 %100
93	M332B	X	.077	.077	0 %100
94	M332B	Z	-.044	-.044	0 %100
95	M333A	X	.082	.082	0 %100
96	M333A	Z	-.048	-.048	0 %100
97	M334A	X	.202	.202	0 %100
98	M334A	Z	-.117	-.117	0 %100
99	M335A	X	.203	.203	0 %100
100	M335A	Z	-.117	-.117	0 %100
101	M336	X	.082	.082	0 %100
102	M336	Z	-.048	-.048	0 %100
103	M337	X	.2	.2	0 %100
104	M337	Z	-.116	-.116	0 %100
105	M338	X	.202	.202	0 %100
106	M338	Z	-.117	-.117	0 %100
107	M339	X	.077	.077	0 %100
108	M339	Z	-.044	-.044	0 %100
109	M344	X	.179	.179	0 %100
110	M344	Z	-.104	-.104	0 %100
111	M345	X	.174	.174	0 %100
112	M345	Z	-.101	-.101	0 %100
113	MP1A	X	.632	.632	0 %100
114	MP1A	Z	-.365	-.365	0 %100
115	MP2A	X	.632	.632	0 %100
116	MP2A	Z	-.365	-.365	0 %100
117	MP3A	X	.632	.632	0 %100
118	MP3A	Z	-.365	-.365	0 %100
119	MP4A	X	.632	.632	0 %100
120	MP4A	Z	-.365	-.365	0 %100
121	M344A	X	.13	.13	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, %]
122	M344A	Z	-.075	-.075	0 %100
123	M138	X	.427	.427	0 %100
124	M138	Z	-.247	-.247	0 %100
125	M139	X	.427	.427	0 %100
126	M139	Z	-.247	-.247	0 %100
127	M140	X	.612	.612	0 %100
128	M140	Z	-.353	-.353	0 %100
129	M141	X	.612	.612	0 %100
130	M141	Z	-.353	-.353	0 %100
131	M142	X	0	0	0 %100
132	M142	Z	0	0	0 %100
133	M143	X	4.9e-5	4.9e-5	0 %100
134	M143	Z	-2.9e-5	-2.9e-5	0 %100
135	M144	X	4.9e-5	4.9e-5	0 %100
136	M144	Z	-2.9e-5	-2.9e-5	0 %100
137	M145	X	.629	.629	0 %100
138	M145	Z	-.363	-.363	0 %100
139	M146	X	.583	.583	0 %100
140	M146	Z	-.337	-.337	0 %100
141	M147	X	.531	.531	0 %100
142	M147	Z	-.306	-.306	0 %100
143	M148	X	.629	.629	0 %100
144	M148	Z	-.363	-.363	0 %100
145	M149	X	.583	.583	0 %100
146	M149	Z	-.337	-.337	0 %100
147	M150	X	.531	.531	0 %100
148	M150	Z	-.306	-.306	0 %100
149	M171	X	0	0	0 %100
150	M171	Z	0	0	0 %100
151	M172	X	0	0	0 %100
152	M172	Z	0	0	0 %100
153	M173	X	.152	.152	0 %100
154	M173	Z	-.088	-.088	0 %100
155	M174	X	.1	.1	0 %100
156	M174	Z	-.058	-.058	0 %100
157	M175	X	0	0	0 %100
158	M175	Z	0	0	0 %100
159	M176	X	0	0	0 %100
160	M176	Z	0	0	0 %100
161	M177A	X	.014	.014	0 %100
162	M177A	Z	-.008	-.008	0 %100
163	M178	X	.01	.01	0 %100
164	M178	Z	-.006	-.006	0 %100
165	M179	X	.137	.137	0 %100
166	M179	Z	-.079	-.079	0 %100
167	M181	X	.069	.069	0 %100
168	M181	Z	-.04	-.04	0 %100
169	M182	X	.133	.133	0 %100
170	M182	Z	-.077	-.077	0 %100
171	M183	X	.065	.065	0 %100
172	M183	Z	-.037	-.037	0 %100
173	M184	X	.119	.119	0 %100
174	M184	Z	-.069	-.069	0 %100
175	M185	X	.048	.048	0 %100
176	M185	Z	-.028	-.028	0 %100
177	M186	X	.107	.107	0 %100
178	M186	Z	-.062	-.062	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, %]
179	M187	X	.04	.04	0 %100
180	M187	Z	-.023	-.023	0 %100
181	M188	X	.101	.101	0 %100
182	M188	Z	-.058	-.058	0 %100
183	M189	X	.033	.033	0 %100
184	M189	Z	-.019	-.019	0 %100
185	M190	X	.096	.096	0 %100
186	M190	Z	-.055	-.055	0 %100
187	M191	X	.091	.091	0 %100
188	M191	Z	-.052	-.052	0 %100
189	M194	X	0	0	0 %100
190	M194	Z	0	0	0 %100
191	M195	X	0	0	0 %100
192	M195	Z	0	0	0 %100
193	M196	X	0	0	0 %100
194	M196	Z	0	0	0 %100
195	M197	X	0	0	0 %100
196	M197	Z	0	0	0 %100
197	M198	X	0	0	0 %100
198	M198	Z	0	0	0 %100
199	M199	X	0	0	0 %100
200	M199	Z	0	0	0 %100
201	M200	X	.066	.066	0 %100
202	M200	Z	-.038	-.038	0 %100
203	M201	X	.137	.137	0 %100
204	M201	Z	-.079	-.079	0 %100
205	M202	X	.069	.069	0 %100
206	M202	Z	-.04	-.04	0 %100
207	M203	X	.137	.137	0 %100
208	M203	Z	-.079	-.079	0 %100
209	M204	X	0	0	0 %100
210	M204	Z	0	0	0 %100
211	M205	X	0	0	0 %100
212	M205	Z	0	0	0 %100
213	M210	X	.06	.06	0 %100
214	M210	Z	-.035	-.035	0 %100
215	M211	X	0	0	0 %100
216	M211	Z	0	0	0 %100
217	M212	X	0	0	0 %100
218	M212	Z	0	0	0 %100
219	M213	X	.006	.006	0 %100
220	M213	Z	-.003	-.003	0 %100
221	M214	X	0	0	0 %100
222	M214	Z	0	0	0 %100
223	M215	X	0	0	0 %100
224	M215	Z	0	0	0 %100
225	M216	X	.006	.006	0 %100
226	M216	Z	-.003	-.003	0 %100
227	M217	X	.06	.06	0 %100
228	M217	Z	-.035	-.035	0 %100
229	M218	X	.029	.029	0 %100
230	M218	Z	-.017	-.017	0 %100
231	M219	X	.015	.015	0 %100
232	M219	Z	-.009	-.009	0 %100
233	M241	X	.057	.057	0 %100
234	M241	Z	-.033	-.033	0 %100
235	M242	X	.797	.797	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, %]
236	M242	Z	-.46	-.46	0 %100
237	M243	X	0	0	0 %100
238	M243	Z	0	0	0 %100
239	M244	X	.612	.612	0 %100
240	M244	Z	-.353	-.353	0 %100
241	M245	X	.417	.417	0 %100
242	M245	Z	-.241	-.241	0 %100
243	M246	X	.499	.499	0 %100
244	M246	Z	-.288	-.288	0 %100
245	M247	X	.489	.489	0 %100
246	M247	Z	-.283	-.283	0 %100
247	M248	X	.157	.157	0 %100
248	M248	Z	-.091	-.091	0 %100
249	M249	X	.146	.146	0 %100
250	M249	Z	-.084	-.084	0 %100
251	M250	X	.133	.133	0 %100
252	M250	Z	-.077	-.077	0 %100
253	M251	X	.157	.157	0 %100
254	M251	Z	-.091	-.091	0 %100
255	M252	X	.146	.146	0 %100
256	M252	Z	-.084	-.084	0 %100
257	M253	X	.133	.133	0 %100
258	M253	Z	-.077	-.077	0 %100
259	M274	X	.084	.084	0 %100
260	M274	Z	-.049	-.049	0 %100
261	M275	X	.082	.082	0 %100
262	M275	Z	-.048	-.048	0 %100
263	M276	X	.102	.102	0 %100
264	M276	Z	-.059	-.059	0 %100
265	M277	X	.087	.087	0 %100
266	M277	Z	-.05	-.05	0 %100
267	M278	X	.216	.216	0 %100
268	M278	Z	-.125	-.125	0 %100
269	M279	X	.2	.2	0 %100
270	M279	Z	-.115	-.115	0 %100
271	M280	X	.223	.223	0 %100
272	M280	Z	-.129	-.129	0 %100
273	M281	X	.203	.203	0 %100
274	M281	Z	-.117	-.117	0 %100
275	M282	X	.245	.245	0 %100
276	M282	Z	-.141	-.141	0 %100
277	M284	X	.233	.233	0 %100
278	M284	Z	-.135	-.135	0 %100
279	M285	X	.233	.233	0 %100
280	M285	Z	-.134	-.134	0 %100
281	M286	X	.219	.219	0 %100
282	M286	Z	-.126	-.126	0 %100
283	M287	X	.218	.218	0 %100
284	M287	Z	-.126	-.126	0 %100
285	M288	X	.205	.205	0 %100
286	M288	Z	-.118	-.118	0 %100
287	M289	X	.203	.203	0 %100
288	M289	Z	-.117	-.117	0 %100
289	M290	X	.195	.195	0 %100
290	M290	Z	-.113	-.113	0 %100
291	M291	X	.196	.196	0 %100
292	M291	Z	-.113	-.113	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.%,]
293	M292	X	.187	.187	0 %100
294	M292	Z	-.108	-.108	0 %100
295	M293	X	.19	.19	0 %100
296	M293	Z	-.109	-.109	0 %100
297	M294	X	.188	.188	0 %100
298	M294	Z	-.108	-.108	0 %100
299	M297	X	.063	.063	0 %100
300	M297	Z	-.036	-.036	0 %100
301	M298	X	.062	.062	0 %100
302	M298	Z	-.036	-.036	0 %100
303	M299	X	.213	.213	0 %100
304	M299	Z	-.123	-.123	0 %100
305	M300	X	.211	.211	0 %100
306	M300	Z	-.122	-.122	0 %100
307	M301	X	.213	.213	0 %100
308	M301	Z	-.123	-.123	0 %100
309	M302	X	.211	.211	0 %100
310	M302	Z	-.122	-.122	0 %100
311	M303	X	.25	.25	0 %100
312	M303	Z	-.144	-.144	0 %100
313	M304	X	.245	.245	0 %100
314	M304	Z	-.141	-.141	0 %100
315	M305	X	.249	.249	0 %100
316	M305	Z	-.144	-.144	0 %100
317	M306	X	.245	.245	0 %100
318	M306	Z	-.141	-.141	0 %100
319	M307A	X	.084	.084	0 %100
320	M307A	Z	-.048	-.048	0 %100
321	M308A	X	.083	.083	0 %100
322	M308A	Z	-.048	-.048	0 %100
323	M313A	X	.077	.077	0 %100
324	M313A	Z	-.044	-.044	0 %100
325	M314A	X	.082	.082	0 %100
326	M314A	Z	-.048	-.048	0 %100
327	M315A	X	.202	.202	0 %100
328	M315A	Z	-.117	-.117	0 %100
329	M316A	X	.203	.203	0 %100
330	M316A	Z	-.117	-.117	0 %100
331	M317A	X	.082	.082	0 %100
332	M317A	Z	-.048	-.048	0 %100
333	M318A	X	.2	.2	0 %100
334	M318A	Z	-.116	-.116	0 %100
335	M319A	X	.202	.202	0 %100
336	M319A	Z	-.117	-.117	0 %100
337	M320A	X	.077	.077	0 %100
338	M320A	Z	-.044	-.044	0 %100
339	M321A	X	.179	.179	0 %100
340	M321A	Z	-.104	-.104	0 %100
341	M322A	X	.174	.174	0 %100
342	M322A	Z	-.101	-.101	0 %100
343	M327	X	.632	.632	0 %100
344	M327	Z	-.365	-.365	0 %100
345	MP1C	X	.632	.632	0 %100
346	MP1C	Z	-.365	-.365	0 %100
347	MP2C	X	.632	.632	0 %100
348	MP2C	Z	-.365	-.365	0 %100
349	MP3C	X	.632	.632	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.%,]
350	MP3C	Z	-.365	-.365	0	%100
351	MP4C	X	.632	.632	0	%100
352	MP4C	Z	-.365	-.365	0	%100
353	M336A	X	.522	.522	0	%100
354	M336A	Z	-.301	-.301	0	%100
355	M342	X	.158	.158	0	%100
356	M342	Z	-.091	-.091	0	%100
357	MP1B	X	.632	.632	0	%100
358	MP1B	Z	-.365	-.365	0	%100
359	MP2B	X	.632	.632	0	%100
360	MP2B	Z	-.365	-.365	0	%100
361	MP3B	X	.632	.632	0	%100
362	MP3B	Z	-.365	-.365	0	%100
363	MP4B	X	.632	.632	0	%100
364	MP4B	Z	-.365	-.365	0	%100
365	M351	X	.13	.13	0	%100
366	M351	Z	-.075	-.075	0	%100
367	M356	X	.382	.382	0	%100
368	M356	Z	-.221	-.221	0	%100
369	M359	X	.717	.717	0	%100
370	M359	Z	-.414	-.414	0	%100
371	M360	X	.179	.179	0	%100
372	M360	Z	-.103	-.103	0	%100
373	M361	X	.179	.179	0	%100
374	M361	Z	-.104	-.104	0	%100
375	M364	X	.345	.345	0	%100
376	M364	Z	-.199	-.199	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	M122	X	.493	.493	0	%100
2	M122	Z	0	0	0	%100
3	M123	X	.493	.493	0	%100
4	M123	Z	0	0	0	%100
5	M124	X	.235	.235	0	%100
6	M124	Z	0	0	0	%100
7	M125	X	.235	.235	0	%100
8	M125	Z	0	0	0	%100
9	M126	X	.642	.642	0	%100
10	M126	Z	0	0	0	%100
11	M127	X	.761	.761	0	%100
12	M127	Z	0	0	0	%100
13	M128	X	.761	.761	0	%100
14	M128	Z	0	0	0	%100
15	M129	X	0	0	0	%100
16	M129	Z	0	0	0	%100
17	M130	X	0	0	0	%100
18	M130	Z	0	0	0	%100
19	M131	X	0	0	0	%100
20	M131	Z	0	0	0	%100
21	M132	X	0	0	0	%100
22	M132	Z	0	0	0	%100
23	M133	X	0	0	0	%100
24	M133	Z	0	0	0	%100
25	M134	X	0	0	0	%100
26	M134	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, %]	
27	M177	X	0	0	0	%100
28	M177	Z	0	0	0	%100
29	M287A	X	.13	.13	0	%100
30	M287A	Z	0	0	0	%100
31	M289A	X	.127	.127	0	%100
32	M289A	Z	0	0	0	%100
33	M290A	X	.098	.098	0	%100
34	M290A	Z	0	0	0	%100
35	M292A	X	.095	.095	0	%100
36	M292A	Z	0	0	0	%100
37	M293A	X	.333	.333	0	%100
38	M293A	Z	0	0	0	%100
39	M295A	X	.307	.307	0	%100
40	M295A	Z	0	0	0	%100
41	M296A	X	.339	.339	0	%100
42	M296A	Z	0	0	0	%100
43	M298A	X	.309	.309	0	%100
44	M298A	Z	0	0	0	%100
45	M299A	X	.324	.324	0	%100
46	M299A	Z	0	0	0	%100
47	M301A	X	.332	.332	0	%100
48	M301A	Z	0	0	0	%100
49	M302A	X	.308	.308	0	%100
50	M302A	Z	0	0	0	%100
51	M305A	X	.312	.312	0	%100
52	M305A	Z	0	0	0	%100
53	M306A	X	.29	.29	0	%100
54	M306A	Z	0	0	0	%100
55	M307	X	.297	.297	0	%100
56	M307	Z	0	0	0	%100
57	M308	X	.272	.272	0	%100
58	M308	Z	0	0	0	%100
59	M309	X	.285	.285	0	%100
60	M309	Z	0	0	0	%100
61	M310	X	.263	.263	0	%100
62	M310	Z	0	0	0	%100
63	M311	X	.275	.275	0	%100
64	M311	Z	0	0	0	%100
65	M312	X	.255	.255	0	%100
66	M312	Z	0	0	0	%100
67	M313	X	.254	.254	0	%100
68	M313	Z	0	0	0	%100
69	M316	X	.096	.096	0	%100
70	M316	Z	0	0	0	%100
71	M317	X	.096	.096	0	%100
72	M317	Z	0	0	0	%100
73	M318	X	.328	.328	0	%100
74	M318	Z	0	0	0	%100
75	M319	X	.324	.324	0	%100
76	M319	Z	0	0	0	%100
77	M320	X	.328	.328	0	%100
78	M320	Z	0	0	0	%100
79	M321	X	.324	.324	0	%100
80	M321	Z	0	0	0	%100
81	M322	X	.359	.359	0	%100
82	M322	Z	0	0	0	%100
83	M323A	X	.324	.324	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, %]	
84	M323A	Z	0	0	0	%100
85	M324A	X	.356	.356	0	%100
86	M324A	Z	0	0	0	%100
87	M325A	X	.324	.324	0	%100
88	M325A	Z	0	0	0	%100
89	M326A	X	.129	.129	0	%100
90	M326A	Z	0	0	0	%100
91	M327A	X	.128	.128	0	%100
92	M327A	Z	0	0	0	%100
93	M332B	X	.095	.095	0	%100
94	M332B	Z	0	0	0	%100
95	M333A	X	.127	.127	0	%100
96	M333A	Z	0	0	0	%100
97	M334A	X	.311	.311	0	%100
98	M334A	Z	0	0	0	%100
99	M335A	X	.311	.311	0	%100
100	M335A	Z	0	0	0	%100
101	M336	X	.127	.127	0	%100
102	M336	Z	0	0	0	%100
103	M337	X	.308	.308	0	%100
104	M337	Z	0	0	0	%100
105	M338	X	.309	.309	0	%100
106	M338	Z	0	0	0	%100
107	M339	X	.095	.095	0	%100
108	M339	Z	0	0	0	%100
109	M344	X	.265	.265	0	%100
110	M344	Z	0	0	0	%100
111	M345	X	.262	.262	0	%100
112	M345	Z	0	0	0	%100
113	MP1A	X	.73	.73	0	%100
114	MP1A	Z	0	0	0	%100
115	MP2A	X	.73	.73	0	%100
116	MP2A	Z	0	0	0	%100
117	MP3A	X	.73	.73	0	%100
118	MP3A	Z	0	0	0	%100
119	MP4A	X	.73	.73	0	%100
120	MP4A	Z	0	0	0	%100
121	M344A	X	0	0	0	%100
122	M344A	Z	0	0	0	%100
123	M138	X	.921	.921	0	%100
124	M138	Z	0	0	0	%100
125	M139	X	.066	.066	0	%100
126	M139	Z	0	0	0	%100
127	M140	X	.942	.942	0	%100
128	M140	Z	0	0	0	%100
129	M141	X	.235	.235	0	%100
130	M141	Z	0	0	0	%100
131	M142	X	.16	.16	0	%100
132	M142	Z	0	0	0	%100
133	M143	X	.185	.185	0	%100
134	M143	Z	0	0	0	%100
135	M144	X	.196	.196	0	%100
136	M144	Z	0	0	0	%100
137	M145	X	.545	.545	0	%100
138	M145	Z	0	0	0	%100
139	M146	X	.505	.505	0	%100
140	M146	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, %]
141	M147	X	.459	.459	0 %100
142	M147	Z	0	0	0 %100
143	M148	X	.545	.545	0 %100
144	M148	Z	0	0	0 %100
145	M149	X	.505	.505	0 %100
146	M149	Z	0	0	0 %100
147	M150	X	.459	.459	0 %100
148	M150	Z	0	0	0 %100
149	M171	X	.032	.032	0 %100
150	M171	Z	0	0	0 %100
151	M172	X	.032	.032	0 %100
152	M172	Z	0	0	0 %100
153	M173	X	.156	.156	0 %100
154	M173	Z	0	0	0 %100
155	M174	X	.111	.111	0 %100
156	M174	Z	0	0	0 %100
157	M175	X	.083	.083	0 %100
158	M175	Z	0	0	0 %100
159	M176	X	.077	.077	0 %100
160	M176	Z	0	0	0 %100
161	M177A	X	.097	.097	0 %100
162	M177A	Z	0	0	0 %100
163	M178	X	.086	.086	0 %100
164	M178	Z	0	0	0 %100
165	M179	X	.2	.2	0 %100
166	M179	Z	0	0	0 %100
167	M181	X	.143	.143	0 %100
168	M181	Z	0	0	0 %100
169	M182	X	.192	.192	0 %100
170	M182	Z	0	0	0 %100
171	M183	X	.134	.134	0 %100
172	M183	Z	0	0	0 %100
173	M184	X	.175	.175	0 %100
174	M184	Z	0	0	0 %100
175	M185	X	.116	.116	0 %100
176	M185	Z	0	0	0 %100
177	M186	X	.161	.161	0 %100
178	M186	Z	0	0	0 %100
179	M187	X	.106	.106	0 %100
180	M187	Z	0	0	0 %100
181	M188	X	.153	.153	0 %100
182	M188	Z	0	0	0 %100
183	M189	X	.097	.097	0 %100
184	M189	Z	0	0	0 %100
185	M190	X	.147	.147	0 %100
186	M190	Z	0	0	0 %100
187	M191	X	.142	.142	0 %100
188	M191	Z	0	0	0 %100
189	M194	X	.024	.024	0 %100
190	M194	Z	0	0	0 %100
191	M195	X	.024	.024	0 %100
192	M195	Z	0	0	0 %100
193	M196	X	.082	.082	0 %100
194	M196	Z	0	0	0 %100
195	M197	X	.081	.081	0 %100
196	M197	Z	0	0	0 %100
197	M198	X	.082	.082	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, %]	
198	M198	Z	0	0	0	%100
199	M199	X	.081	.081	0	%100
200	M199	Z	0	0	0	%100
201	M200	X	.147	.147	0	%100
202	M200	Z	0	0	0	%100
203	M201	X	.2	.2	0	%100
204	M201	Z	0	0	0	%100
205	M202	X	.149	.149	0	%100
206	M202	Z	0	0	0	%100
207	M203	X	.2	.2	0	%100
208	M203	Z	0	0	0	%100
209	M204	X	.032	.032	0	%100
210	M204	Z	0	0	0	%100
211	M205	X	.032	.032	0	%100
212	M205	Z	0	0	0	%100
213	M210	X	.076	.076	0	%100
214	M210	Z	0	0	0	%100
215	M211	X	.032	.032	0	%100
216	M211	Z	0	0	0	%100
217	M212	X	.078	.078	0	%100
218	M212	Z	0	0	0	%100
219	M213	X	.083	.083	0	%100
220	M213	Z	0	0	0	%100
221	M214	X	.032	.032	0	%100
222	M214	Z	0	0	0	%100
223	M215	X	.077	.077	0	%100
224	M215	Z	0	0	0	%100
225	M216	X	.082	.082	0	%100
226	M216	Z	0	0	0	%100
227	M217	X	.076	.076	0	%100
228	M217	Z	0	0	0	%100
229	M218	X	.092	.092	0	%100
230	M218	Z	0	0	0	%100
231	M219	X	.078	.078	0	%100
232	M219	Z	0	0	0	%100
233	M241	X	.066	.066	0	%100
234	M241	Z	0	0	0	%100
235	M242	X	.921	.921	0	%100
236	M242	Z	0	0	0	%100
237	M243	X	.235	.235	0	%100
238	M243	Z	0	0	0	%100
239	M244	X	.942	.942	0	%100
240	M244	Z	0	0	0	%100
241	M245	X	.16	.16	0	%100
242	M245	Z	0	0	0	%100
243	M246	X	.196	.196	0	%100
244	M246	Z	0	0	0	%100
245	M247	X	.185	.185	0	%100
246	M247	Z	0	0	0	%100
247	M248	X	.545	.545	0	%100
248	M248	Z	0	0	0	%100
249	M249	X	.505	.505	0	%100
250	M249	Z	0	0	0	%100
251	M250	X	.459	.459	0	%100
252	M250	Z	0	0	0	%100
253	M251	X	.545	.545	0	%100
254	M251	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, %]
255	M252	X	.505	.505	0 %100
256	M252	Z	0	0	0 %100
257	M253	X	.459	.459	0 %100
258	M253	Z	0	0	0 %100
259	M274	X	.032	.032	0 %100
260	M274	Z	0	0	0 %100
261	M275	X	.032	.032	0 %100
262	M275	Z	0	0	0 %100
263	M276	X	.156	.156	0 %100
264	M276	Z	0	0	0 %100
265	M277	X	.111	.111	0 %100
266	M277	Z	0	0	0 %100
267	M278	X	.083	.083	0 %100
268	M278	Z	0	0	0 %100
269	M279	X	.077	.077	0 %100
270	M279	Z	0	0	0 %100
271	M280	X	.097	.097	0 %100
272	M280	Z	0	0	0 %100
273	M281	X	.086	.086	0 %100
274	M281	Z	0	0	0 %100
275	M282	X	.2	.2	0 %100
276	M282	Z	0	0	0 %100
277	M284	X	.143	.143	0 %100
278	M284	Z	0	0	0 %100
279	M285	X	.192	.192	0 %100
280	M285	Z	0	0	0 %100
281	M286	X	.134	.134	0 %100
282	M286	Z	0	0	0 %100
283	M287	X	.175	.175	0 %100
284	M287	Z	0	0	0 %100
285	M288	X	.116	.116	0 %100
286	M288	Z	0	0	0 %100
287	M289	X	.161	.161	0 %100
288	M289	Z	0	0	0 %100
289	M290	X	.106	.106	0 %100
290	M290	Z	0	0	0 %100
291	M291	X	.153	.153	0 %100
292	M291	Z	0	0	0 %100
293	M292	X	.097	.097	0 %100
294	M292	Z	0	0	0 %100
295	M293	X	.147	.147	0 %100
296	M293	Z	0	0	0 %100
297	M294	X	.142	.142	0 %100
298	M294	Z	0	0	0 %100
299	M297	X	.024	.024	0 %100
300	M297	Z	0	0	0 %100
301	M298	X	.024	.024	0 %100
302	M298	Z	0	0	0 %100
303	M299	X	.082	.082	0 %100
304	M299	Z	0	0	0 %100
305	M300	X	.081	.081	0 %100
306	M300	Z	0	0	0 %100
307	M301	X	.082	.082	0 %100
308	M301	Z	0	0	0 %100
309	M302	X	.081	.081	0 %100
310	M302	Z	0	0	0 %100
311	M303	X	.147	.147	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,%]
312	M303	Z	0	0	0 %100
313	M304	X	.2	.2	0 %100
314	M304	Z	0	0	0 %100
315	M305	X	.149	.149	0 %100
316	M305	Z	0	0	0 %100
317	M306	X	.2	.2	0 %100
318	M306	Z	0	0	0 %100
319	M307A	X	.032	.032	0 %100
320	M307A	Z	0	0	0 %100
321	M308A	X	.032	.032	0 %100
322	M308A	Z	0	0	0 %100
323	M313A	X	.076	.076	0 %100
324	M313A	Z	0	0	0 %100
325	M314A	X	.032	.032	0 %100
326	M314A	Z	0	0	0 %100
327	M315A	X	.078	.078	0 %100
328	M315A	Z	0	0	0 %100
329	M316A	X	.083	.083	0 %100
330	M316A	Z	0	0	0 %100
331	M317A	X	.032	.032	0 %100
332	M317A	Z	0	0	0 %100
333	M318A	X	.077	.077	0 %100
334	M318A	Z	0	0	0 %100
335	M319A	X	.082	.082	0 %100
336	M319A	Z	0	0	0 %100
337	M320A	X	.076	.076	0 %100
338	M320A	Z	0	0	0 %100
339	M321A	X	.092	.092	0 %100
340	M321A	Z	0	0	0 %100
341	M322A	X	.078	.078	0 %100
342	M322A	Z	0	0	0 %100
343	M327	X	.547	.547	0 %100
344	M327	Z	0	0	0 %100
345	MP1C	X	.73	.73	0 %100
346	MP1C	Z	0	0	0 %100
347	MP2C	X	.73	.73	0 %100
348	MP2C	Z	0	0	0 %100
349	MP3C	X	.73	.73	0 %100
350	MP3C	Z	0	0	0 %100
351	MP4C	X	.73	.73	0 %100
352	MP4C	Z	0	0	0 %100
353	M336A	X	.452	.452	0 %100
354	M336A	Z	0	0	0 %100
355	M342	X	.547	.547	0 %100
356	M342	Z	0	0	0 %100
357	MP1B	X	.73	.73	0 %100
358	MP1B	Z	0	0	0 %100
359	MP2B	X	.73	.73	0 %100
360	MP2B	Z	0	0	0 %100
361	MP3B	X	.73	.73	0 %100
362	MP3B	Z	0	0	0 %100
363	MP4B	X	.73	.73	0 %100
364	MP4B	Z	0	0	0 %100
365	M351	X	.452	.452	0 %100
366	M351	Z	0	0	0 %100
367	M356	X	.441	.441	0 %100
368	M356	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.%,]
369	M359	X	.621	.621	0	%100
370	M359	Z	0	0	0	%100
371	M360	X	.621	.621	0	%100
372	M360	Z	0	0	0	%100
373	M361	X	0	0	0	%100
374	M361	Z	0	0	0	%100
375	M364	X	.399	.399	0	%100
376	M364	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	M122	X	.057	.057	0	%100
2	M122	Z	.033	.033	0	%100
3	M123	X	.797	.797	0	%100
4	M123	Z	.46	.46	0	%100
5	M124	X	0	0	0	%100
6	M124	Z	0	0	0	%100
7	M125	X	.612	.612	0	%100
8	M125	Z	.353	.353	0	%100
9	M126	X	.417	.417	0	%100
10	M126	Z	.241	.241	0	%100
11	M127	X	.499	.499	0	%100
12	M127	Z	.288	.288	0	%100
13	M128	X	.489	.489	0	%100
14	M128	Z	.283	.283	0	%100
15	M129	X	.157	.157	0	%100
16	M129	Z	.091	.091	0	%100
17	M130	X	.146	.146	0	%100
18	M130	Z	.084	.084	0	%100
19	M131	X	.133	.133	0	%100
20	M131	Z	.077	.077	0	%100
21	M132	X	.157	.157	0	%100
22	M132	Z	.091	.091	0	%100
23	M133	X	.146	.146	0	%100
24	M133	Z	.084	.084	0	%100
25	M134	X	.133	.133	0	%100
26	M134	Z	.077	.077	0	%100
27	M177	X	.158	.158	0	%100
28	M177	Z	.091	.091	0	%100
29	M287A	X	.084	.084	0	%100
30	M287A	Z	.049	.049	0	%100
31	M289A	X	.082	.082	0	%100
32	M289A	Z	.048	.048	0	%100
33	M290A	X	.102	.102	0	%100
34	M290A	Z	.059	.059	0	%100
35	M292A	X	.087	.087	0	%100
36	M292A	Z	.05	.05	0	%100
37	M293A	X	.216	.216	0	%100
38	M293A	Z	.125	.125	0	%100
39	M295A	X	.2	.2	0	%100
40	M295A	Z	.115	.115	0	%100
41	M296A	X	.223	.223	0	%100
42	M296A	Z	.129	.129	0	%100
43	M298A	X	.203	.203	0	%100
44	M298A	Z	.117	.117	0	%100
45	M299A	X	.245	.245	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.%]
46	M299A	Z	.141	.141	0 %100
47	M301A	X	.233	.233	0 %100
48	M301A	Z	.135	.135	0 %100
49	M302A	X	.233	.233	0 %100
50	M302A	Z	.134	.134	0 %100
51	M305A	X	.219	.219	0 %100
52	M305A	Z	.126	.126	0 %100
53	M306A	X	.218	.218	0 %100
54	M306A	Z	.126	.126	0 %100
55	M307	X	.205	.205	0 %100
56	M307	Z	.118	.118	0 %100
57	M308	X	.203	.203	0 %100
58	M308	Z	.117	.117	0 %100
59	M309	X	.195	.195	0 %100
60	M309	Z	.113	.113	0 %100
61	M310	X	.196	.196	0 %100
62	M310	Z	.113	.113	0 %100
63	M311	X	.187	.187	0 %100
64	M311	Z	.108	.108	0 %100
65	M312	X	.19	.19	0 %100
66	M312	Z	.109	.109	0 %100
67	M313	X	.188	.188	0 %100
68	M313	Z	.108	.108	0 %100
69	M316	X	.063	.063	0 %100
70	M316	Z	.036	.036	0 %100
71	M317	X	.062	.062	0 %100
72	M317	Z	.036	.036	0 %100
73	M318	X	.213	.213	0 %100
74	M318	Z	.123	.123	0 %100
75	M319	X	.211	.211	0 %100
76	M319	Z	.122	.122	0 %100
77	M320	X	.213	.213	0 %100
78	M320	Z	.123	.123	0 %100
79	M321	X	.211	.211	0 %100
80	M321	Z	.122	.122	0 %100
81	M322	X	.25	.25	0 %100
82	M322	Z	.144	.144	0 %100
83	M323A	X	.245	.245	0 %100
84	M323A	Z	.141	.141	0 %100
85	M324A	X	.249	.249	0 %100
86	M324A	Z	.144	.144	0 %100
87	M325A	X	.245	.245	0 %100
88	M325A	Z	.141	.141	0 %100
89	M326A	X	.084	.084	0 %100
90	M326A	Z	.048	.048	0 %100
91	M327A	X	.083	.083	0 %100
92	M327A	Z	.048	.048	0 %100
93	M332B	X	.077	.077	0 %100
94	M332B	Z	.044	.044	0 %100
95	M333A	X	.082	.082	0 %100
96	M333A	Z	.048	.048	0 %100
97	M334A	X	.202	.202	0 %100
98	M334A	Z	.117	.117	0 %100
99	M335A	X	.203	.203	0 %100
100	M335A	Z	.117	.117	0 %100
101	M336	X	.082	.082	0 %100
102	M336	Z	.048	.048	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, %]
103	M337	X	.2	.2	0 %100
104	M337	Z	.116	.116	0 %100
105	M338	X	.202	.202	0 %100
106	M338	Z	.117	.117	0 %100
107	M339	X	.077	.077	0 %100
108	M339	Z	.044	.044	0 %100
109	M344	X	.179	.179	0 %100
110	M344	Z	.104	.104	0 %100
111	M345	X	.174	.174	0 %100
112	M345	Z	.101	.101	0 %100
113	MP1A	X	.632	.632	0 %100
114	MP1A	Z	.365	.365	0 %100
115	MP2A	X	.632	.632	0 %100
116	MP2A	Z	.365	.365	0 %100
117	MP3A	X	.632	.632	0 %100
118	MP3A	Z	.365	.365	0 %100
119	MP4A	X	.632	.632	0 %100
120	MP4A	Z	.365	.365	0 %100
121	M344A	X	.13	.13	0 %100
122	M344A	Z	.075	.075	0 %100
123	M138	X	.797	.797	0 %100
124	M138	Z	.46	.46	0 %100
125	M139	X	.057	.057	0 %100
126	M139	Z	.033	.033	0 %100
127	M140	X	.612	.612	0 %100
128	M140	Z	.353	.353	0 %100
129	M141	X	0	0	0 %100
130	M141	Z	0	0	0 %100
131	M142	X	.417	.417	0 %100
132	M142	Z	.241	.241	0 %100
133	M143	X	.489	.489	0 %100
134	M143	Z	.283	.283	0 %100
135	M144	X	.499	.499	0 %100
136	M144	Z	.288	.288	0 %100
137	M145	X	.157	.157	0 %100
138	M145	Z	.091	.091	0 %100
139	M146	X	.146	.146	0 %100
140	M146	Z	.084	.084	0 %100
141	M147	X	.133	.133	0 %100
142	M147	Z	.077	.077	0 %100
143	M148	X	.157	.157	0 %100
144	M148	Z	.091	.091	0 %100
145	M149	X	.146	.146	0 %100
146	M149	Z	.084	.084	0 %100
147	M150	X	.133	.133	0 %100
148	M150	Z	.077	.077	0 %100
149	M171	X	.084	.084	0 %100
150	M171	Z	.049	.049	0 %100
151	M172	X	.082	.082	0 %100
152	M172	Z	.048	.048	0 %100
153	M173	X	.102	.102	0 %100
154	M173	Z	.059	.059	0 %100
155	M174	X	.087	.087	0 %100
156	M174	Z	.05	.05	0 %100
157	M175	X	.216	.216	0 %100
158	M175	Z	.125	.125	0 %100
159	M176	X	.2	.2	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, %]
160	M176	Z	.115	.115	0 %100
161	M177A	X	.223	.223	0 %100
162	M177A	Z	.129	.129	0 %100
163	M178	X	.203	.203	0 %100
164	M178	Z	.117	.117	0 %100
165	M179	X	.245	.245	0 %100
166	M179	Z	.141	.141	0 %100
167	M181	X	.233	.233	0 %100
168	M181	Z	.135	.135	0 %100
169	M182	X	.233	.233	0 %100
170	M182	Z	.134	.134	0 %100
171	M183	X	.219	.219	0 %100
172	M183	Z	.126	.126	0 %100
173	M184	X	.218	.218	0 %100
174	M184	Z	.126	.126	0 %100
175	M185	X	.205	.205	0 %100
176	M185	Z	.118	.118	0 %100
177	M186	X	.203	.203	0 %100
178	M186	Z	.117	.117	0 %100
179	M187	X	.195	.195	0 %100
180	M187	Z	.113	.113	0 %100
181	M188	X	.196	.196	0 %100
182	M188	Z	.113	.113	0 %100
183	M189	X	.187	.187	0 %100
184	M189	Z	.108	.108	0 %100
185	M190	X	.19	.19	0 %100
186	M190	Z	.109	.109	0 %100
187	M191	X	.188	.188	0 %100
188	M191	Z	.108	.108	0 %100
189	M194	X	.063	.063	0 %100
190	M194	Z	.036	.036	0 %100
191	M195	X	.062	.062	0 %100
192	M195	Z	.036	.036	0 %100
193	M196	X	.213	.213	0 %100
194	M196	Z	.123	.123	0 %100
195	M197	X	.211	.211	0 %100
196	M197	Z	.122	.122	0 %100
197	M198	X	.213	.213	0 %100
198	M198	Z	.123	.123	0 %100
199	M199	X	.211	.211	0 %100
200	M199	Z	.122	.122	0 %100
201	M200	X	.25	.25	0 %100
202	M200	Z	.144	.144	0 %100
203	M201	X	.245	.245	0 %100
204	M201	Z	.141	.141	0 %100
205	M202	X	.249	.249	0 %100
206	M202	Z	.144	.144	0 %100
207	M203	X	.245	.245	0 %100
208	M203	Z	.141	.141	0 %100
209	M204	X	.084	.084	0 %100
210	M204	Z	.048	.048	0 %100
211	M205	X	.083	.083	0 %100
212	M205	Z	.048	.048	0 %100
213	M210	X	.077	.077	0 %100
214	M210	Z	.044	.044	0 %100
215	M211	X	.082	.082	0 %100
216	M211	Z	.048	.048	0 %100



Company : Maser Consulting  
 Designer : AE  
 Job Number : 21777005A  
 Model Name : Antenna Mount Analysis

Mar 25, 2021  
 8:59 AM  
 Checked By: DX

**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, %]
217	M212	X	.202	.202	0 %100
218	M212	Z	.117	.117	0 %100
219	M213	X	.203	.203	0 %100
220	M213	Z	.117	.117	0 %100
221	M214	X	.082	.082	0 %100
222	M214	Z	.048	.048	0 %100
223	M215	X	.2	.2	0 %100
224	M215	Z	.116	.116	0 %100
225	M216	X	.202	.202	0 %100
226	M216	Z	.117	.117	0 %100
227	M217	X	.077	.077	0 %100
228	M217	Z	.044	.044	0 %100
229	M218	X	.179	.179	0 %100
230	M218	Z	.104	.104	0 %100
231	M219	X	.174	.174	0 %100
232	M219	Z	.101	.101	0 %100
233	M241	X	.427	.427	0 %100
234	M241	Z	.247	.247	0 %100
235	M242	X	.427	.427	0 %100
236	M242	Z	.247	.247	0 %100
237	M243	X	.612	.612	0 %100
238	M243	Z	.353	.353	0 %100
239	M244	X	.612	.612	0 %100
240	M244	Z	.353	.353	0 %100
241	M245	X	0	0	0 %100
242	M245	Z	0	0	0 %100
243	M246	X	4.9e-5	4.9e-5	0 %100
244	M246	Z	2.9e-5	2.9e-5	0 %100
245	M247	X	4.9e-5	4.9e-5	0 %100
246	M247	Z	2.9e-5	2.9e-5	0 %100
247	M248	X	.629	.629	0 %100
248	M248	Z	.363	.363	0 %100
249	M249	X	.583	.583	0 %100
250	M249	Z	.337	.337	0 %100
251	M250	X	.531	.531	0 %100
252	M250	Z	.306	.306	0 %100
253	M251	X	.629	.629	0 %100
254	M251	Z	.363	.363	0 %100
255	M252	X	.583	.583	0 %100
256	M252	Z	.337	.337	0 %100
257	M253	X	.531	.531	0 %100
258	M253	Z	.306	.306	0 %100
259	M274	X	0	0	0 %100
260	M274	Z	0	0	0 %100
261	M275	X	0	0	0 %100
262	M275	Z	0	0	0 %100
263	M276	X	.152	.152	0 %100
264	M276	Z	.088	.088	0 %100
265	M277	X	.1	.1	0 %100
266	M277	Z	.058	.058	0 %100
267	M278	X	0	0	0 %100
268	M278	Z	0	0	0 %100
269	M279	X	0	0	0 %100
270	M279	Z	0	0	0 %100
271	M280	X	.014	.014	0 %100
272	M280	Z	.008	.008	0 %100
273	M281	X	.01	.01	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, %]
274	M281	Z	.006	.006	0 %100
275	M282	X	.137	.137	0 %100
276	M282	Z	.079	.079	0 %100
277	M284	X	.069	.069	0 %100
278	M284	Z	.04	.04	0 %100
279	M285	X	.133	.133	0 %100
280	M285	Z	.077	.077	0 %100
281	M286	X	.065	.065	0 %100
282	M286	Z	.037	.037	0 %100
283	M287	X	.119	.119	0 %100
284	M287	Z	.069	.069	0 %100
285	M288	X	.048	.048	0 %100
286	M288	Z	.028	.028	0 %100
287	M289	X	.107	.107	0 %100
288	M289	Z	.062	.062	0 %100
289	M290	X	.04	.04	0 %100
290	M290	Z	.023	.023	0 %100
291	M291	X	.101	.101	0 %100
292	M291	Z	.058	.058	0 %100
293	M292	X	.033	.033	0 %100
294	M292	Z	.019	.019	0 %100
295	M293	X	.096	.096	0 %100
296	M293	Z	.055	.055	0 %100
297	M294	X	.091	.091	0 %100
298	M294	Z	.052	.052	0 %100
299	M297	X	0	0	0 %100
300	M297	Z	0	0	0 %100
301	M298	X	0	0	0 %100
302	M298	Z	0	0	0 %100
303	M299	X	0	0	0 %100
304	M299	Z	0	0	0 %100
305	M300	X	0	0	0 %100
306	M300	Z	0	0	0 %100
307	M301	X	0	0	0 %100
308	M301	Z	0	0	0 %100
309	M302	X	0	0	0 %100
310	M302	Z	0	0	0 %100
311	M303	X	.066	.066	0 %100
312	M303	Z	.038	.038	0 %100
313	M304	X	.137	.137	0 %100
314	M304	Z	.079	.079	0 %100
315	M305	X	.069	.069	0 %100
316	M305	Z	.04	.04	0 %100
317	M306	X	.137	.137	0 %100
318	M306	Z	.079	.079	0 %100
319	M307A	X	0	0	0 %100
320	M307A	Z	0	0	0 %100
321	M308A	X	0	0	0 %100
322	M308A	Z	0	0	0 %100
323	M313A	X	.06	.06	0 %100
324	M313A	Z	.035	.035	0 %100
325	M314A	X	0	0	0 %100
326	M314A	Z	0	0	0 %100
327	M315A	X	0	0	0 %100
328	M315A	Z	0	0	0 %100
329	M316A	X	.006	.006	0 %100
330	M316A	Z	.003	.003	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.%,]
331	M317A	X	0	0	0	%100
332	M317A	Z	0	0	0	%100
333	M318A	X	0	0	0	%100
334	M318A	Z	0	0	0	%100
335	M319A	X	.006	.006	0	%100
336	M319A	Z	.003	.003	0	%100
337	M320A	X	.06	.06	0	%100
338	M320A	Z	.035	.035	0	%100
339	M321A	X	.029	.029	0	%100
340	M321A	Z	.017	.017	0	%100
341	M322A	X	.015	.015	0	%100
342	M322A	Z	.009	.009	0	%100
343	M327	X	.158	.158	0	%100
344	M327	Z	.091	.091	0	%100
345	MP1C	X	.632	.632	0	%100
346	MP1C	Z	.365	.365	0	%100
347	MP2C	X	.632	.632	0	%100
348	MP2C	Z	.365	.365	0	%100
349	MP3C	X	.632	.632	0	%100
350	MP3C	Z	.365	.365	0	%100
351	MP4C	X	.632	.632	0	%100
352	MP4C	Z	.365	.365	0	%100
353	M336A	X	.13	.13	0	%100
354	M336A	Z	.075	.075	0	%100
355	M342	X	.632	.632	0	%100
356	M342	Z	.365	.365	0	%100
357	MP1B	X	.632	.632	0	%100
358	MP1B	Z	.365	.365	0	%100
359	MP2B	X	.632	.632	0	%100
360	MP2B	Z	.365	.365	0	%100
361	MP3B	X	.632	.632	0	%100
362	MP3B	Z	.365	.365	0	%100
363	MP4B	X	.632	.632	0	%100
364	MP4B	Z	.365	.365	0	%100
365	M351	X	.522	.522	0	%100
366	M351	Z	.301	.301	0	%100
367	M356	X	.382	.382	0	%100
368	M356	Z	.221	.221	0	%100
369	M359	X	.179	.179	0	%100
370	M359	Z	.104	.104	0	%100
371	M360	X	.717	.717	0	%100
372	M360	Z	.414	.414	0	%100
373	M361	X	.179	.179	0	%100
374	M361	Z	.103	.103	0	%100
375	M364	X	.345	.345	0	%100
376	M364	Z	.199	.199	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	M122	X	.033	.033	0	%100
2	M122	Z	.057	.057	0	%100
3	M123	X	.46	.46	0	%100
4	M123	Z	.797	.797	0	%100
5	M124	X	.118	.118	0	%100
6	M124	Z	.204	.204	0	%100
7	M125	X	.471	.471	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, %]
8	M125	Z	.816	.816	0	%100
9	M126	X	.08	.08	0	%100
10	M126	Z	.139	.139	0	%100
11	M127	X	.098	.098	0	%100
12	M127	Z	.17	.17	0	%100
13	M128	X	.092	.092	0	%100
14	M128	Z	.16	.16	0	%100
15	M129	X	.272	.272	0	%100
16	M129	Z	.472	.472	0	%100
17	M130	X	.253	.253	0	%100
18	M130	Z	.438	.438	0	%100
19	M131	X	.23	.23	0	%100
20	M131	Z	.398	.398	0	%100
21	M132	X	.272	.272	0	%100
22	M132	Z	.472	.472	0	%100
23	M133	X	.253	.253	0	%100
24	M133	Z	.438	.438	0	%100
25	M134	X	.23	.23	0	%100
26	M134	Z	.398	.398	0	%100
27	M177	X	.274	.274	0	%100
28	M177	Z	.474	.474	0	%100
29	M287A	X	.016	.016	0	%100
30	M287A	Z	.028	.028	0	%100
31	M289A	X	.016	.016	0	%100
32	M289A	Z	.027	.027	0	%100
33	M290A	X	.078	.078	0	%100
34	M290A	Z	.135	.135	0	%100
35	M292A	X	.055	.055	0	%100
36	M292A	Z	.096	.096	0	%100
37	M293A	X	.042	.042	0	%100
38	M293A	Z	.072	.072	0	%100
39	M295A	X	.038	.038	0	%100
40	M295A	Z	.067	.067	0	%100
41	M296A	X	.048	.048	0	%100
42	M296A	Z	.084	.084	0	%100
43	M298A	X	.043	.043	0	%100
44	M298A	Z	.074	.074	0	%100
45	M299A	X	.1	.1	0	%100
46	M299A	Z	.173	.173	0	%100
47	M301A	X	.072	.072	0	%100
48	M301A	Z	.124	.124	0	%100
49	M302A	X	.096	.096	0	%100
50	M302A	Z	.166	.166	0	%100
51	M305A	X	.067	.067	0	%100
52	M305A	Z	.116	.116	0	%100
53	M306A	X	.088	.088	0	%100
54	M306A	Z	.152	.152	0	%100
55	M307	X	.058	.058	0	%100
56	M307	Z	.1	.1	0	%100
57	M308	X	.08	.08	0	%100
58	M308	Z	.139	.139	0	%100
59	M309	X	.053	.053	0	%100
60	M309	Z	.092	.092	0	%100
61	M310	X	.077	.077	0	%100
62	M310	Z	.133	.133	0	%100
63	M311	X	.049	.049	0	%100
64	M311	Z	.084	.084	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, %]
65	M312	X	.073	.073	0 %100
66	M312	Z	.127	.127	0 %100
67	M313	X	.071	.071	0 %100
68	M313	Z	.123	.123	0 %100
69	M316	X	.012	.012	0 %100
70	M316	Z	.021	.021	0 %100
71	M317	X	.012	.012	0 %100
72	M317	Z	.021	.021	0 %100
73	M318	X	.041	.041	0 %100
74	M318	Z	.071	.071	0 %100
75	M319	X	.041	.041	0 %100
76	M319	Z	.07	.07	0 %100
77	M320	X	.041	.041	0 %100
78	M320	Z	.071	.071	0 %100
79	M321	X	.041	.041	0 %100
80	M321	Z	.07	.07	0 %100
81	M322	X	.073	.073	0 %100
82	M322	Z	.127	.127	0 %100
83	M323A	X	.1	.1	0 %100
84	M323A	Z	.173	.173	0 %100
85	M324A	X	.074	.074	0 %100
86	M324A	Z	.129	.129	0 %100
87	M325A	X	.1	.1	0 %100
88	M325A	Z	.173	.173	0 %100
89	M326A	X	.016	.016	0 %100
90	M326A	Z	.028	.028	0 %100
91	M327A	X	.016	.016	0 %100
92	M327A	Z	.028	.028	0 %100
93	M332B	X	.038	.038	0 %100
94	M332B	Z	.066	.066	0 %100
95	M333A	X	.016	.016	0 %100
96	M333A	Z	.027	.027	0 %100
97	M334A	X	.039	.039	0 %100
98	M334A	Z	.067	.067	0 %100
99	M335A	X	.041	.041	0 %100
100	M335A	Z	.072	.072	0 %100
101	M336	X	.016	.016	0 %100
102	M336	Z	.027	.027	0 %100
103	M337	X	.039	.039	0 %100
104	M337	Z	.067	.067	0 %100
105	M338	X	.041	.041	0 %100
106	M338	Z	.071	.071	0 %100
107	M339	X	.038	.038	0 %100
108	M339	Z	.065	.065	0 %100
109	M344	X	.046	.046	0 %100
110	M344	Z	.079	.079	0 %100
111	M345	X	.039	.039	0 %100
112	M345	Z	.068	.068	0 %100
113	MP1A	X	.365	.365	0 %100
114	MP1A	Z	.632	.632	0 %100
115	MP2A	X	.365	.365	0 %100
116	MP2A	Z	.632	.632	0 %100
117	MP3A	X	.365	.365	0 %100
118	MP3A	Z	.632	.632	0 %100
119	MP4A	X	.365	.365	0 %100
120	MP4A	Z	.632	.632	0 %100
121	M344A	X	.226	.226	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, %]
122	M344A	Z	.391	.391	0 %100
123	M138	X	.247	.247	0 %100
124	M138	Z	.427	.427	0 %100
125	M139	X	.247	.247	0 %100
126	M139	Z	.427	.427	0 %100
127	M140	X	.118	.118	0 %100
128	M140	Z	.204	.204	0 %100
129	M141	X	.118	.118	0 %100
130	M141	Z	.204	.204	0 %100
131	M142	X	.321	.321	0 %100
132	M142	Z	.556	.556	0 %100
133	M143	X	.381	.381	0 %100
134	M143	Z	.659	.659	0 %100
135	M144	X	.381	.381	0 %100
136	M144	Z	.659	.659	0 %100
137	M145	X	0	0	0 %100
138	M145	Z	0	0	0 %100
139	M146	X	0	0	0 %100
140	M146	Z	0	0	0 %100
141	M147	X	0	0	0 %100
142	M147	Z	0	0	0 %100
143	M148	X	0	0	0 %100
144	M148	Z	0	0	0 %100
145	M149	X	0	0	0 %100
146	M149	Z	0	0	0 %100
147	M150	X	0	0	0 %100
148	M150	Z	0	0	0 %100
149	M171	X	.065	.065	0 %100
150	M171	Z	.112	.112	0 %100
151	M172	X	.063	.063	0 %100
152	M172	Z	.11	.11	0 %100
153	M173	X	.049	.049	0 %100
154	M173	Z	.085	.085	0 %100
155	M174	X	.048	.048	0 %100
156	M174	Z	.082	.082	0 %100
157	M175	X	.167	.167	0 %100
158	M175	Z	.289	.289	0 %100
159	M176	X	.154	.154	0 %100
160	M176	Z	.266	.266	0 %100
161	M177A	X	.169	.169	0 %100
162	M177A	Z	.293	.293	0 %100
163	M178	X	.155	.155	0 %100
164	M178	Z	.268	.268	0 %100
165	M179	X	.162	.162	0 %100
166	M179	Z	.281	.281	0 %100
167	M181	X	.166	.166	0 %100
168	M181	Z	.288	.288	0 %100
169	M182	X	.154	.154	0 %100
170	M182	Z	.266	.266	0 %100
171	M183	X	.156	.156	0 %100
172	M183	Z	.27	.27	0 %100
173	M184	X	.145	.145	0 %100
174	M184	Z	.251	.251	0 %100
175	M185	X	.149	.149	0 %100
176	M185	Z	.257	.257	0 %100
177	M186	X	.136	.136	0 %100
178	M186	Z	.236	.236	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, %]
179	M187	X	.143	.143	0 %100
180	M187	Z	.247	.247	0 %100
181	M188	X	.131	.131	0 %100
182	M188	Z	.228	.228	0 %100
183	M189	X	.138	.138	0 %100
184	M189	Z	.238	.238	0 %100
185	M190	X	.127	.127	0 %100
186	M190	Z	.221	.221	0 %100
187	M191	X	.127	.127	0 %100
188	M191	Z	.22	.22	0 %100
189	M194	X	.048	.048	0 %100
190	M194	Z	.084	.084	0 %100
191	M195	X	.048	.048	0 %100
192	M195	Z	.083	.083	0 %100
193	M196	X	.164	.164	0 %100
194	M196	Z	.284	.284	0 %100
195	M197	X	.162	.162	0 %100
196	M197	Z	.281	.281	0 %100
197	M198	X	.164	.164	0 %100
198	M198	Z	.284	.284	0 %100
199	M199	X	.162	.162	0 %100
200	M199	Z	.281	.281	0 %100
201	M200	X	.179	.179	0 %100
202	M200	Z	.311	.311	0 %100
203	M201	X	.162	.162	0 %100
204	M201	Z	.281	.281	0 %100
205	M202	X	.178	.178	0 %100
206	M202	Z	.309	.309	0 %100
207	M203	X	.162	.162	0 %100
208	M203	Z	.281	.281	0 %100
209	M204	X	.064	.064	0 %100
210	M204	Z	.111	.111	0 %100
211	M205	X	.064	.064	0 %100
212	M205	Z	.111	.111	0 %100
213	M210	X	.048	.048	0 %100
214	M210	Z	.082	.082	0 %100
215	M211	X	.063	.063	0 %100
216	M211	Z	.11	.11	0 %100
217	M212	X	.156	.156	0 %100
218	M212	Z	.269	.269	0 %100
219	M213	X	.155	.155	0 %100
220	M213	Z	.269	.269	0 %100
221	M214	X	.063	.063	0 %100
222	M214	Z	.11	.11	0 %100
223	M215	X	.154	.154	0 %100
224	M215	Z	.267	.267	0 %100
225	M216	X	.155	.155	0 %100
226	M216	Z	.268	.268	0 %100
227	M217	X	.048	.048	0 %100
228	M217	Z	.082	.082	0 %100
229	M218	X	.132	.132	0 %100
230	M218	Z	.229	.229	0 %100
231	M219	X	.131	.131	0 %100
232	M219	Z	.227	.227	0 %100
233	M241	X	.46	.46	0 %100
234	M241	Z	.797	.797	0 %100
235	M242	X	.033	.033	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, %]
236	M242	Z	.057	.057	0 %100
237	M243	X	.471	.471	0 %100
238	M243	Z	.816	.816	0 %100
239	M244	X	.118	.118	0 %100
240	M244	Z	.204	.204	0 %100
241	M245	X	.08	.08	0 %100
242	M245	Z	.139	.139	0 %100
243	M246	X	.092	.092	0 %100
244	M246	Z	.16	.16	0 %100
245	M247	X	.098	.098	0 %100
246	M247	Z	.17	.17	0 %100
247	M248	X	.272	.272	0 %100
248	M248	Z	.472	.472	0 %100
249	M249	X	.253	.253	0 %100
250	M249	Z	.438	.438	0 %100
251	M250	X	.23	.23	0 %100
252	M250	Z	.398	.398	0 %100
253	M251	X	.272	.272	0 %100
254	M251	Z	.472	.472	0 %100
255	M252	X	.253	.253	0 %100
256	M252	Z	.438	.438	0 %100
257	M253	X	.23	.23	0 %100
258	M253	Z	.398	.398	0 %100
259	M274	X	.016	.016	0 %100
260	M274	Z	.028	.028	0 %100
261	M275	X	.016	.016	0 %100
262	M275	Z	.027	.027	0 %100
263	M276	X	.078	.078	0 %100
264	M276	Z	.135	.135	0 %100
265	M277	X	.055	.055	0 %100
266	M277	Z	.096	.096	0 %100
267	M278	X	.042	.042	0 %100
268	M278	Z	.072	.072	0 %100
269	M279	X	.038	.038	0 %100
270	M279	Z	.067	.067	0 %100
271	M280	X	.048	.048	0 %100
272	M280	Z	.084	.084	0 %100
273	M281	X	.043	.043	0 %100
274	M281	Z	.074	.074	0 %100
275	M282	X	.1	.1	0 %100
276	M282	Z	.173	.173	0 %100
277	M284	X	.072	.072	0 %100
278	M284	Z	.124	.124	0 %100
279	M285	X	.096	.096	0 %100
280	M285	Z	.166	.166	0 %100
281	M286	X	.067	.067	0 %100
282	M286	Z	.116	.116	0 %100
283	M287	X	.088	.088	0 %100
284	M287	Z	.152	.152	0 %100
285	M288	X	.058	.058	0 %100
286	M288	Z	.1	.1	0 %100
287	M289	X	.08	.08	0 %100
288	M289	Z	.139	.139	0 %100
289	M290	X	.053	.053	0 %100
290	M290	Z	.092	.092	0 %100
291	M291	X	.077	.077	0 %100
292	M291	Z	.133	.133	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, %]
293	M292	X	.049	.049	0 %100
294	M292	Z	.084	.084	0 %100
295	M293	X	.073	.073	0 %100
296	M293	Z	.127	.127	0 %100
297	M294	X	.071	.071	0 %100
298	M294	Z	.123	.123	0 %100
299	M297	X	.012	.012	0 %100
300	M297	Z	.021	.021	0 %100
301	M298	X	.012	.012	0 %100
302	M298	Z	.021	.021	0 %100
303	M299	X	.041	.041	0 %100
304	M299	Z	.071	.071	0 %100
305	M300	X	.041	.041	0 %100
306	M300	Z	.07	.07	0 %100
307	M301	X	.041	.041	0 %100
308	M301	Z	.071	.071	0 %100
309	M302	X	.041	.041	0 %100
310	M302	Z	.07	.07	0 %100
311	M303	X	.073	.073	0 %100
312	M303	Z	.127	.127	0 %100
313	M304	X	.1	.1	0 %100
314	M304	Z	.173	.173	0 %100
315	M305	X	.074	.074	0 %100
316	M305	Z	.129	.129	0 %100
317	M306	X	.1	.1	0 %100
318	M306	Z	.173	.173	0 %100
319	M307A	X	.016	.016	0 %100
320	M307A	Z	.028	.028	0 %100
321	M308A	X	.016	.016	0 %100
322	M308A	Z	.028	.028	0 %100
323	M313A	X	.038	.038	0 %100
324	M313A	Z	.066	.066	0 %100
325	M314A	X	.016	.016	0 %100
326	M314A	Z	.027	.027	0 %100
327	M315A	X	.039	.039	0 %100
328	M315A	Z	.067	.067	0 %100
329	M316A	X	.041	.041	0 %100
330	M316A	Z	.072	.072	0 %100
331	M317A	X	.016	.016	0 %100
332	M317A	Z	.027	.027	0 %100
333	M318A	X	.039	.039	0 %100
334	M318A	Z	.067	.067	0 %100
335	M319A	X	.041	.041	0 %100
336	M319A	Z	.071	.071	0 %100
337	M320A	X	.038	.038	0 %100
338	M320A	Z	.065	.065	0 %100
339	M321A	X	.046	.046	0 %100
340	M321A	Z	.079	.079	0 %100
341	M322A	X	.039	.039	0 %100
342	M322A	Z	.068	.068	0 %100
343	M327	X	0	0	0 %100
344	M327	Z	0	0	0 %100
345	MP1C	X	.365	.365	0 %100
346	MP1C	Z	.632	.632	0 %100
347	MP2C	X	.365	.365	0 %100
348	MP2C	Z	.632	.632	0 %100
349	MP3C	X	.365	.365	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, %]
350	MP3C	Z	.632	.632	0 %100
351	MP4C	X	.365	.365	0 %100
352	MP4C	Z	.632	.632	0 %100
353	M336A	X	0	0	0 %100
354	M336A	Z	0	0	0 %100
355	M342	X	.274	.274	0 %100
356	M342	Z	.474	.474	0 %100
357	MP1B	X	.365	.365	0 %100
358	MP1B	Z	.632	.632	0 %100
359	MP2B	X	.365	.365	0 %100
360	MP2B	Z	.632	.632	0 %100
361	MP3B	X	.365	.365	0 %100
362	MP3B	Z	.632	.632	0 %100
363	MP4B	X	.365	.365	0 %100
364	MP4B	Z	.632	.632	0 %100
365	M351	X	.226	.226	0 %100
366	M351	Z	.391	.391	0 %100
367	M356	X	.221	.221	0 %100
368	M356	Z	.382	.382	0 %100
369	M359	X	0	0	0 %100
370	M359	Z	0	0	0 %100
371	M360	X	.311	.311	0 %100
372	M360	Z	.538	.538	0 %100
373	M361	X	.31	.31	0 %100
374	M361	Z	.538	.538	0 %100
375	M364	X	.199	.199	0 %100
376	M364	Z	.345	.345	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	M122	X	0	0	0 %100
2	M122	Z	.493	.493	0 %100
3	M123	X	0	0	0 %100
4	M123	Z	.493	.493	0 %100
5	M124	X	0	0	0 %100
6	M124	Z	.706	.706	0 %100
7	M125	X	0	0	0 %100
8	M125	Z	.706	.706	0 %100
9	M126	X	0	0	0 %100
10	M126	Z	0	0	0 %100
11	M127	X	0	0	0 %100
12	M127	Z	5.7e-5	5.7e-5	0 %100
13	M128	X	0	0	0 %100
14	M128	Z	5.7e-5	5.7e-5	0 %100
15	M129	X	0	0	0 %100
16	M129	Z	.726	.726	0 %100
17	M130	X	0	0	0 %100
18	M130	Z	.674	.674	0 %100
19	M131	X	0	0	0 %100
20	M131	Z	.613	.613	0 %100
21	M132	X	0	0	0 %100
22	M132	Z	.726	.726	0 %100
23	M133	X	0	0	0 %100
24	M133	Z	.674	.674	0 %100
25	M134	X	0	0	0 %100
26	M134	Z	.613	.613	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, %]	
27	M177	X	0	0	0	%100
28	M177	Z	.73	.73	0	%100
29	M287A	X	0	0	0	%100
30	M287A	Z	0	0	0	%100
31	M289A	X	0	0	0	%100
32	M289A	Z	0	0	0	%100
33	M290A	X	0	0	0	%100
34	M290A	Z	.176	.176	0	%100
35	M292A	X	0	0	0	%100
36	M292A	Z	.116	.116	0	%100
37	M293A	X	0	0	0	%100
38	M293A	Z	0	0	0	%100
39	M295A	X	0	0	0	%100
40	M295A	Z	0	0	0	%100
41	M296A	X	0	0	0	%100
42	M296A	Z	.016	.016	0	%100
43	M298A	X	0	0	0	%100
44	M298A	Z	.011	.011	0	%100
45	M299A	X	0	0	0	%100
46	M299A	Z	.159	.159	0	%100
47	M301A	X	0	0	0	%100
48	M301A	Z	.08	.08	0	%100
49	M302A	X	0	0	0	%100
50	M302A	Z	.153	.153	0	%100
51	M305A	X	0	0	0	%100
52	M305A	Z	.075	.075	0	%100
53	M306A	X	0	0	0	%100
54	M306A	Z	.137	.137	0	%100
55	M307	X	0	0	0	%100
56	M307	Z	.055	.055	0	%100
57	M308	X	0	0	0	%100
58	M308	Z	.124	.124	0	%100
59	M309	X	0	0	0	%100
60	M309	Z	.047	.047	0	%100
61	M310	X	0	0	0	%100
62	M310	Z	.117	.117	0	%100
63	M311	X	0	0	0	%100
64	M311	Z	.038	.038	0	%100
65	M312	X	0	0	0	%100
66	M312	Z	.111	.111	0	%100
67	M313	X	0	0	0	%100
68	M313	Z	.105	.105	0	%100
69	M316	X	0	0	0	%100
70	M316	Z	0	0	0	%100
71	M317	X	0	0	0	%100
72	M317	Z	0	0	0	%100
73	M318	X	0	0	0	%100
74	M318	Z	0	0	0	%100
75	M319	X	0	0	0	%100
76	M319	Z	0	0	0	%100
77	M320	X	0	0	0	%100
78	M320	Z	0	0	0	%100
79	M321	X	0	0	0	%100
80	M321	Z	0	0	0	%100
81	M322	X	0	0	0	%100
82	M322	Z	.076	.076	0	%100
83	M323A	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
84	M323A	Z	.159	.159	0 %100
85	M324A	X	0	0	0 %100
86	M324A	Z	.079	.079	0 %100
87	M325A	X	0	0	0 %100
88	M325A	Z	.159	.159	0 %100
89	M326A	X	0	0	0 %100
90	M326A	Z	0	0	0 %100
91	M327A	X	0	0	0 %100
92	M327A	Z	0	0	0 %100
93	M332B	X	0	0	0 %100
94	M332B	Z	.069	.069	0 %100
95	M333A	X	0	0	0 %100
96	M333A	Z	0	0	0 %100
97	M334A	X	0	0	0 %100
98	M334A	Z	0	0	0 %100
99	M335A	X	0	0	0 %100
100	M335A	Z	.007	.007	0 %100
101	M336	X	0	0	0 %100
102	M336	Z	0	0	0 %100
103	M337	X	0	0	0 %100
104	M337	Z	0	0	0 %100
105	M338	X	0	0	0 %100
106	M338	Z	.006	.006	0 %100
107	M339	X	0	0	0 %100
108	M339	Z	.069	.069	0 %100
109	M344	X	0	0	0 %100
110	M344	Z	.034	.034	0 %100
111	M345	X	0	0	0 %100
112	M345	Z	.017	.017	0 %100
113	MP1A	X	0	0	0 %100
114	MP1A	Z	.73	.73	0 %100
115	MP2A	X	0	0	0 %100
116	MP2A	Z	.73	.73	0 %100
117	MP3A	X	0	0	0 %100
118	MP3A	Z	.73	.73	0 %100
119	MP4A	X	0	0	0 %100
120	MP4A	Z	.73	.73	0 %100
121	M344A	X	0	0	0 %100
122	M344A	Z	.603	.603	0 %100
123	M138	X	0	0	0 %100
124	M138	Z	.066	.066	0 %100
125	M139	X	0	0	0 %100
126	M139	Z	.92	.92	0 %100
127	M140	X	0	0	0 %100
128	M140	Z	0	0	0 %100
129	M141	X	0	0	0 %100
130	M141	Z	.706	.706	0 %100
131	M142	X	0	0	0 %100
132	M142	Z	.481	.481	0 %100
133	M143	X	0	0	0 %100
134	M143	Z	.577	.577	0 %100
135	M144	X	0	0	0 %100
136	M144	Z	.565	.565	0 %100
137	M145	X	0	0	0 %100
138	M145	Z	.182	.182	0 %100
139	M146	X	0	0	0 %100
140	M146	Z	.168	.168	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, %]
198	M198	Z	.246	.246	0 %100
199	M199	X	0	0	0 %100
200	M199	Z	.243	.243	0 %100
201	M200	X	0	0	0 %100
202	M200	Z	.288	.288	0 %100
203	M201	X	0	0	0 %100
204	M201	Z	.283	.283	0 %100
205	M202	X	0	0	0 %100
206	M202	Z	.287	.287	0 %100
207	M203	X	0	0	0 %100
208	M203	Z	.283	.283	0 %100
209	M204	X	0	0	0 %100
210	M204	Z	.096	.096	0 %100
211	M205	X	0	0	0 %100
212	M205	Z	.096	.096	0 %100
213	M210	X	0	0	0 %100
214	M210	Z	.089	.089	0 %100
215	M211	X	0	0	0 %100
216	M211	Z	.095	.095	0 %100
217	M212	X	0	0	0 %100
218	M212	Z	.233	.233	0 %100
219	M213	X	0	0	0 %100
220	M213	Z	.235	.235	0 %100
221	M214	X	0	0	0 %100
222	M214	Z	.095	.095	0 %100
223	M215	X	0	0	0 %100
224	M215	Z	.231	.231	0 %100
225	M216	X	0	0	0 %100
226	M216	Z	.234	.234	0 %100
227	M217	X	0	0	0 %100
228	M217	Z	.089	.089	0 %100
229	M218	X	0	0	0 %100
230	M218	Z	.207	.207	0 %100
231	M219	X	0	0	0 %100
232	M219	Z	.201	.201	0 %100
233	M241	X	0	0	0 %100
234	M241	Z	.92	.92	0 %100
235	M242	X	0	0	0 %100
236	M242	Z	.066	.066	0 %100
237	M243	X	0	0	0 %100
238	M243	Z	.706	.706	0 %100
239	M244	X	0	0	0 %100
240	M244	Z	0	0	0 %100
241	M245	X	0	0	0 %100
242	M245	Z	.481	.481	0 %100
243	M246	X	0	0	0 %100
244	M246	Z	.565	.565	0 %100
245	M247	X	0	0	0 %100
246	M247	Z	.577	.577	0 %100
247	M248	X	0	0	0 %100
248	M248	Z	.182	.182	0 %100
249	M249	X	0	0	0 %100
250	M249	Z	.168	.168	0 %100
251	M250	X	0	0	0 %100
252	M250	Z	.153	.153	0 %100
253	M251	X	0	0	0 %100
254	M251	Z	.182	.182	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, %]
255	M252	X	0	0	%100
256	M252	Z	.168	.168	%100
257	M253	X	0	0	%100
258	M253	Z	.153	.153	%100
259	M274	X	0	0	%100
260	M274	Z	.097	.097	%100
261	M275	X	0	0	%100
262	M275	Z	.095	.095	%100
263	M276	X	0	0	%100
264	M276	Z	.117	.117	%100
265	M277	X	0	0	%100
266	M277	Z	.1	.1	%100
267	M278	X	0	0	%100
268	M278	Z	.25	.25	%100
269	M279	X	0	0	%100
270	M279	Z	.231	.231	%100
271	M280	X	0	0	%100
272	M280	Z	.258	.258	%100
273	M281	X	0	0	%100
274	M281	Z	.235	.235	%100
275	M282	X	0	0	%100
276	M282	Z	.283	.283	%100
277	M284	X	0	0	%100
278	M284	Z	.269	.269	%100
279	M285	X	0	0	%100
280	M285	Z	.269	.269	%100
281	M286	X	0	0	%100
282	M286	Z	.252	.252	%100
283	M287	X	0	0	%100
284	M287	Z	.252	.252	%100
285	M288	X	0	0	%100
286	M288	Z	.237	.237	%100
287	M289	X	0	0	%100
288	M289	Z	.235	.235	%100
289	M290	X	0	0	%100
290	M290	Z	.226	.226	%100
291	M291	X	0	0	%100
292	M291	Z	.226	.226	%100
293	M292	X	0	0	%100
294	M292	Z	.216	.216	%100
295	M293	X	0	0	%100
296	M293	Z	.219	.219	%100
297	M294	X	0	0	%100
298	M294	Z	.217	.217	%100
299	M297	X	0	0	%100
300	M297	Z	.072	.072	%100
301	M298	X	0	0	%100
302	M298	Z	.072	.072	%100
303	M299	X	0	0	%100
304	M299	Z	.246	.246	%100
305	M300	X	0	0	%100
306	M300	Z	.243	.243	%100
307	M301	X	0	0	%100
308	M301	Z	.246	.246	%100
309	M302	X	0	0	%100
310	M302	Z	.243	.243	%100
311	M303	X	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, %]
312	M303	Z	.288	.288	0 %100
313	M304	X	0	0	0 %100
314	M304	Z	.283	.283	0 %100
315	M305	X	0	0	0 %100
316	M305	Z	.287	.287	0 %100
317	M306	X	0	0	0 %100
318	M306	Z	.283	.283	0 %100
319	M307A	X	0	0	0 %100
320	M307A	Z	.096	.096	0 %100
321	M308A	X	0	0	0 %100
322	M308A	Z	.096	.096	0 %100
323	M313A	X	0	0	0 %100
324	M313A	Z	.089	.089	0 %100
325	M314A	X	0	0	0 %100
326	M314A	Z	.095	.095	0 %100
327	M315A	X	0	0	0 %100
328	M315A	Z	.233	.233	0 %100
329	M316A	X	0	0	0 %100
330	M316A	Z	.235	.235	0 %100
331	M317A	X	0	0	0 %100
332	M317A	Z	.095	.095	0 %100
333	M318A	X	0	0	0 %100
334	M318A	Z	.231	.231	0 %100
335	M319A	X	0	0	0 %100
336	M319A	Z	.234	.234	0 %100
337	M320A	X	0	0	0 %100
338	M320A	Z	.089	.089	0 %100
339	M321A	X	0	0	0 %100
340	M321A	Z	.207	.207	0 %100
341	M322A	X	0	0	0 %100
342	M322A	Z	.201	.201	0 %100
343	M327	X	0	0	0 %100
344	M327	Z	.182	.182	0 %100
345	MP1C	X	0	0	0 %100
346	MP1C	Z	.73	.73	0 %100
347	MP2C	X	0	0	0 %100
348	MP2C	Z	.73	.73	0 %100
349	MP3C	X	0	0	0 %100
350	MP3C	Z	.73	.73	0 %100
351	MP4C	X	0	0	0 %100
352	MP4C	Z	.73	.73	0 %100
353	M336A	X	0	0	0 %100
354	M336A	Z	.151	.151	0 %100
355	M342	X	0	0	0 %100
356	M342	Z	.182	.182	0 %100
357	MP1B	X	0	0	0 %100
358	MP1B	Z	.73	.73	0 %100
359	MP2B	X	0	0	0 %100
360	MP2B	Z	.73	.73	0 %100
361	MP3B	X	0	0	0 %100
362	MP3B	Z	.73	.73	0 %100
363	MP4B	X	0	0	0 %100
364	MP4B	Z	.73	.73	0 %100
365	M351	X	0	0	0 %100
366	M351	Z	.151	.151	0 %100
367	M356	X	0	0	0 %100
368	M356	Z	.441	.441	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.%]
369	M359	X	0	0	0	%100
370	M359	Z	.207	.207	0	%100
371	M360	X	0	0	0	%100
372	M360	Z	.207	.207	0	%100
373	M361	X	0	0	0	%100
374	M361	Z	.828	.828	0	%100
375	M364	X	0	0	0	%100
376	M364	Z	.399	.399	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	M122	X	-.46	-.46	0	%100
2	M122	Z	.797	.797	0	%100
3	M123	X	-.033	-.033	0	%100
4	M123	Z	.057	.057	0	%100
5	M124	X	-.471	-.471	0	%100
6	M124	Z	.816	.816	0	%100
7	M125	X	-.118	-.118	0	%100
8	M125	Z	.204	.204	0	%100
9	M126	X	-.08	-.08	0	%100
10	M126	Z	.139	.139	0	%100
11	M127	X	-.092	-.092	0	%100
12	M127	Z	.16	.16	0	%100
13	M128	X	-.098	-.098	0	%100
14	M128	Z	.17	.17	0	%100
15	M129	X	-.272	-.272	0	%100
16	M129	Z	.472	.472	0	%100
17	M130	X	-.253	-.253	0	%100
18	M130	Z	.438	.438	0	%100
19	M131	X	-.23	-.23	0	%100
20	M131	Z	.398	.398	0	%100
21	M132	X	-.272	-.272	0	%100
22	M132	Z	.472	.472	0	%100
23	M133	X	-.253	-.253	0	%100
24	M133	Z	.438	.438	0	%100
25	M134	X	-.23	-.23	0	%100
26	M134	Z	.398	.398	0	%100
27	M177	X	-.274	-.274	0	%100
28	M177	Z	.474	.474	0	%100
29	M287A	X	-.016	-.016	0	%100
30	M287A	Z	.028	.028	0	%100
31	M289A	X	-.016	-.016	0	%100
32	M289A	Z	.027	.027	0	%100
33	M290A	X	-.078	-.078	0	%100
34	M290A	Z	.135	.135	0	%100
35	M292A	X	-.055	-.055	0	%100
36	M292A	Z	.096	.096	0	%100
37	M293A	X	-.042	-.042	0	%100
38	M293A	Z	.072	.072	0	%100
39	M295A	X	-.038	-.038	0	%100
40	M295A	Z	.067	.067	0	%100
41	M296A	X	-.048	-.048	0	%100
42	M296A	Z	.084	.084	0	%100
43	M298A	X	-.043	-.043	0	%100
44	M298A	Z	.074	.074	0	%100
45	M299A	X	-.1	-.1	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, %]
46	M299A	Z	.173	.173	0 %100
47	M301A	X	-.072	-.072	0 %100
48	M301A	Z	.124	.124	0 %100
49	M302A	X	-.096	-.096	0 %100
50	M302A	Z	.166	.166	0 %100
51	M305A	X	-.067	-.067	0 %100
52	M305A	Z	.116	.116	0 %100
53	M306A	X	-.088	-.088	0 %100
54	M306A	Z	.152	.152	0 %100
55	M307	X	-.058	-.058	0 %100
56	M307	Z	.1	.1	0 %100
57	M308	X	-.08	-.08	0 %100
58	M308	Z	.139	.139	0 %100
59	M309	X	-.053	-.053	0 %100
60	M309	Z	.092	.092	0 %100
61	M310	X	-.077	-.077	0 %100
62	M310	Z	.133	.133	0 %100
63	M311	X	-.049	-.049	0 %100
64	M311	Z	.084	.084	0 %100
65	M312	X	-.073	-.073	0 %100
66	M312	Z	.127	.127	0 %100
67	M313	X	-.071	-.071	0 %100
68	M313	Z	.123	.123	0 %100
69	M316	X	-.012	-.012	0 %100
70	M316	Z	.021	.021	0 %100
71	M317	X	-.012	-.012	0 %100
72	M317	Z	.021	.021	0 %100
73	M318	X	-.041	-.041	0 %100
74	M318	Z	.071	.071	0 %100
75	M319	X	-.041	-.041	0 %100
76	M319	Z	.07	.07	0 %100
77	M320	X	-.041	-.041	0 %100
78	M320	Z	.071	.071	0 %100
79	M321	X	-.041	-.041	0 %100
80	M321	Z	.07	.07	0 %100
81	M322	X	-.073	-.073	0 %100
82	M322	Z	.127	.127	0 %100
83	M323A	X	-.1	-.1	0 %100
84	M323A	Z	.173	.173	0 %100
85	M324A	X	-.074	-.074	0 %100
86	M324A	Z	.129	.129	0 %100
87	M325A	X	-.1	-.1	0 %100
88	M325A	Z	.173	.173	0 %100
89	M326A	X	-.016	-.016	0 %100
90	M326A	Z	.028	.028	0 %100
91	M327A	X	-.016	-.016	0 %100
92	M327A	Z	.028	.028	0 %100
93	M332B	X	-.038	-.038	0 %100
94	M332B	Z	.066	.066	0 %100
95	M333A	X	-.016	-.016	0 %100
96	M333A	Z	.027	.027	0 %100
97	M334A	X	-.039	-.039	0 %100
98	M334A	Z	.067	.067	0 %100
99	M335A	X	-.041	-.041	0 %100
100	M335A	Z	.072	.072	0 %100
101	M336	X	-.016	-.016	0 %100
102	M336	Z	.027	.027	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, %]
103	M337	X	-.039	-.039	0 %100
104	M337	Z	.067	.067	0 %100
105	M338	X	-.041	-.041	0 %100
106	M338	Z	.071	.071	0 %100
107	M339	X	-.038	-.038	0 %100
108	M339	Z	.065	.065	0 %100
109	M344	X	-.046	-.046	0 %100
110	M344	Z	.079	.079	0 %100
111	M345	X	-.039	-.039	0 %100
112	M345	Z	.068	.068	0 %100
113	MP1A	X	-.365	-.365	0 %100
114	MP1A	Z	.632	.632	0 %100
115	MP2A	X	-.365	-.365	0 %100
116	MP2A	Z	.632	.632	0 %100
117	MP3A	X	-.365	-.365	0 %100
118	MP3A	Z	.632	.632	0 %100
119	MP4A	X	-.365	-.365	0 %100
120	MP4A	Z	.632	.632	0 %100
121	M344A	X	-.226	-.226	0 %100
122	M344A	Z	.391	.391	0 %100
123	M138	X	-.033	-.033	0 %100
124	M138	Z	.057	.057	0 %100
125	M139	X	-.46	-.46	0 %100
126	M139	Z	.797	.797	0 %100
127	M140	X	-.118	-.118	0 %100
128	M140	Z	.204	.204	0 %100
129	M141	X	-.471	-.471	0 %100
130	M141	Z	.816	.816	0 %100
131	M142	X	-.08	-.08	0 %100
132	M142	Z	.139	.139	0 %100
133	M143	X	-.098	-.098	0 %100
134	M143	Z	.17	.17	0 %100
135	M144	X	-.092	-.092	0 %100
136	M144	Z	.16	.16	0 %100
137	M145	X	-.272	-.272	0 %100
138	M145	Z	.472	.472	0 %100
139	M146	X	-.253	-.253	0 %100
140	M146	Z	.438	.438	0 %100
141	M147	X	-.23	-.23	0 %100
142	M147	Z	.398	.398	0 %100
143	M148	X	-.272	-.272	0 %100
144	M148	Z	.472	.472	0 %100
145	M149	X	-.253	-.253	0 %100
146	M149	Z	.438	.438	0 %100
147	M150	X	-.23	-.23	0 %100
148	M150	Z	.398	.398	0 %100
149	M171	X	-.016	-.016	0 %100
150	M171	Z	.028	.028	0 %100
151	M172	X	-.016	-.016	0 %100
152	M172	Z	.027	.027	0 %100
153	M173	X	-.078	-.078	0 %100
154	M173	Z	.135	.135	0 %100
155	M174	X	-.055	-.055	0 %100
156	M174	Z	.096	.096	0 %100
157	M175	X	-.042	-.042	0 %100
158	M175	Z	.072	.072	0 %100
159	M176	X	-.038	-.038	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, %]
160	M176	Z	.067	.067	0 %100
161	M177A	X	-.048	-.048	0 %100
162	M177A	Z	.084	.084	0 %100
163	M178	X	-.043	-.043	0 %100
164	M178	Z	.074	.074	0 %100
165	M179	X	-.1	-.1	0 %100
166	M179	Z	.173	.173	0 %100
167	M181	X	-.072	-.072	0 %100
168	M181	Z	.124	.124	0 %100
169	M182	X	-.096	-.096	0 %100
170	M182	Z	.166	.166	0 %100
171	M183	X	-.067	-.067	0 %100
172	M183	Z	.116	.116	0 %100
173	M184	X	-.088	-.088	0 %100
174	M184	Z	.152	.152	0 %100
175	M185	X	-.058	-.058	0 %100
176	M185	Z	.1	.1	0 %100
177	M186	X	-.08	-.08	0 %100
178	M186	Z	.139	.139	0 %100
179	M187	X	-.053	-.053	0 %100
180	M187	Z	.092	.092	0 %100
181	M188	X	-.077	-.077	0 %100
182	M188	Z	.133	.133	0 %100
183	M189	X	-.049	-.049	0 %100
184	M189	Z	.084	.084	0 %100
185	M190	X	-.073	-.073	0 %100
186	M190	Z	.127	.127	0 %100
187	M191	X	-.071	-.071	0 %100
188	M191	Z	.123	.123	0 %100
189	M194	X	-.012	-.012	0 %100
190	M194	Z	.021	.021	0 %100
191	M195	X	-.012	-.012	0 %100
192	M195	Z	.021	.021	0 %100
193	M196	X	-.041	-.041	0 %100
194	M196	Z	.071	.071	0 %100
195	M197	X	-.041	-.041	0 %100
196	M197	Z	.07	.07	0 %100
197	M198	X	-.041	-.041	0 %100
198	M198	Z	.071	.071	0 %100
199	M199	X	-.041	-.041	0 %100
200	M199	Z	.07	.07	0 %100
201	M200	X	-.073	-.073	0 %100
202	M200	Z	.127	.127	0 %100
203	M201	X	-.1	-.1	0 %100
204	M201	Z	.173	.173	0 %100
205	M202	X	-.074	-.074	0 %100
206	M202	Z	.129	.129	0 %100
207	M203	X	-.1	-.1	0 %100
208	M203	Z	.173	.173	0 %100
209	M204	X	-.016	-.016	0 %100
210	M204	Z	.028	.028	0 %100
211	M205	X	-.016	-.016	0 %100
212	M205	Z	.028	.028	0 %100
213	M210	X	-.038	-.038	0 %100
214	M210	Z	.066	.066	0 %100
215	M211	X	-.016	-.016	0 %100
216	M211	Z	.027	.027	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.%,]
217	M212	X	-.039	-.039	0 %100
218	M212	Z	.067	.067	0 %100
219	M213	X	-.041	-.041	0 %100
220	M213	Z	.072	.072	0 %100
221	M214	X	-.016	-.016	0 %100
222	M214	Z	.027	.027	0 %100
223	M215	X	-.039	-.039	0 %100
224	M215	Z	.067	.067	0 %100
225	M216	X	-.041	-.041	0 %100
226	M216	Z	.071	.071	0 %100
227	M217	X	-.038	-.038	0 %100
228	M217	Z	.065	.065	0 %100
229	M218	X	-.046	-.046	0 %100
230	M218	Z	.079	.079	0 %100
231	M219	X	-.039	-.039	0 %100
232	M219	Z	.068	.068	0 %100
233	M241	X	-.247	-.247	0 %100
234	M241	Z	.427	.427	0 %100
235	M242	X	-.247	-.247	0 %100
236	M242	Z	.427	.427	0 %100
237	M243	X	-.118	-.118	0 %100
238	M243	Z	.204	.204	0 %100
239	M244	X	-.118	-.118	0 %100
240	M244	Z	.204	.204	0 %100
241	M245	X	-.321	-.321	0 %100
242	M245	Z	.556	.556	0 %100
243	M246	X	-.381	-.381	0 %100
244	M246	Z	.659	.659	0 %100
245	M247	X	-.381	-.381	0 %100
246	M247	Z	.659	.659	0 %100
247	M248	X	0	0	0 %100
248	M248	Z	0	0	0 %100
249	M249	X	0	0	0 %100
250	M249	Z	0	0	0 %100
251	M250	X	0	0	0 %100
252	M250	Z	0	0	0 %100
253	M251	X	0	0	0 %100
254	M251	Z	0	0	0 %100
255	M252	X	0	0	0 %100
256	M252	Z	0	0	0 %100
257	M253	X	0	0	0 %100
258	M253	Z	0	0	0 %100
259	M274	X	-.065	-.065	0 %100
260	M274	Z	.112	.112	0 %100
261	M275	X	-.063	-.063	0 %100
262	M275	Z	.11	.11	0 %100
263	M276	X	-.049	-.049	0 %100
264	M276	Z	.085	.085	0 %100
265	M277	X	-.048	-.048	0 %100
266	M277	Z	.082	.082	0 %100
267	M278	X	-.167	-.167	0 %100
268	M278	Z	.289	.289	0 %100
269	M279	X	-.154	-.154	0 %100
270	M279	Z	.266	.266	0 %100
271	M280	X	-.169	-.169	0 %100
272	M280	Z	.293	.293	0 %100
273	M281	X	-.155	-.155	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.%]
274	M281	Z	.268	.268	0 %100
275	M282	X	-.162	-.162	0 %100
276	M282	Z	.281	.281	0 %100
277	M284	X	-.166	-.166	0 %100
278	M284	Z	.288	.288	0 %100
279	M285	X	-.154	-.154	0 %100
280	M285	Z	.266	.266	0 %100
281	M286	X	-.156	-.156	0 %100
282	M286	Z	.27	.27	0 %100
283	M287	X	-.145	-.145	0 %100
284	M287	Z	.251	.251	0 %100
285	M288	X	-.149	-.149	0 %100
286	M288	Z	.257	.257	0 %100
287	M289	X	-.136	-.136	0 %100
288	M289	Z	.236	.236	0 %100
289	M290	X	-.143	-.143	0 %100
290	M290	Z	.247	.247	0 %100
291	M291	X	-.131	-.131	0 %100
292	M291	Z	.228	.228	0 %100
293	M292	X	-.138	-.138	0 %100
294	M292	Z	.238	.238	0 %100
295	M293	X	-.127	-.127	0 %100
296	M293	Z	.221	.221	0 %100
297	M294	X	-.127	-.127	0 %100
298	M294	Z	.22	.22	0 %100
299	M297	X	-.048	-.048	0 %100
300	M297	Z	.084	.084	0 %100
301	M298	X	-.048	-.048	0 %100
302	M298	Z	.083	.083	0 %100
303	M299	X	-.164	-.164	0 %100
304	M299	Z	.284	.284	0 %100
305	M300	X	-.162	-.162	0 %100
306	M300	Z	.281	.281	0 %100
307	M301	X	-.164	-.164	0 %100
308	M301	Z	.284	.284	0 %100
309	M302	X	-.162	-.162	0 %100
310	M302	Z	.281	.281	0 %100
311	M303	X	-.179	-.179	0 %100
312	M303	Z	.311	.311	0 %100
313	M304	X	-.162	-.162	0 %100
314	M304	Z	.281	.281	0 %100
315	M305	X	-.178	-.178	0 %100
316	M305	Z	.309	.309	0 %100
317	M306	X	-.162	-.162	0 %100
318	M306	Z	.281	.281	0 %100
319	M307A	X	-.064	-.064	0 %100
320	M307A	Z	.111	.111	0 %100
321	M308A	X	-.064	-.064	0 %100
322	M308A	Z	.111	.111	0 %100
323	M313A	X	-.048	-.048	0 %100
324	M313A	Z	.082	.082	0 %100
325	M314A	X	-.063	-.063	0 %100
326	M314A	Z	.11	.11	0 %100
327	M315A	X	-.156	-.156	0 %100
328	M315A	Z	.269	.269	0 %100
329	M316A	X	-.155	-.155	0 %100
330	M316A	Z	.269	.269	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.%,]
331	M317A	X	-.063	-.063	0	%100
332	M317A	Z	.11	.11	0	%100
333	M318A	X	-.154	-.154	0	%100
334	M318A	Z	.267	.267	0	%100
335	M319A	X	-.155	-.155	0	%100
336	M319A	Z	.268	.268	0	%100
337	M320A	X	-.048	-.048	0	%100
338	M320A	Z	.082	.082	0	%100
339	M321A	X	-.132	-.132	0	%100
340	M321A	Z	.229	.229	0	%100
341	M322A	X	-.131	-.131	0	%100
342	M322A	Z	.227	.227	0	%100
343	M327	X	-.274	-.274	0	%100
344	M327	Z	.474	.474	0	%100
345	MP1C	X	-.365	-.365	0	%100
346	MP1C	Z	.632	.632	0	%100
347	MP2C	X	-.365	-.365	0	%100
348	MP2C	Z	.632	.632	0	%100
349	MP3C	X	-.365	-.365	0	%100
350	MP3C	Z	.632	.632	0	%100
351	MP4C	X	-.365	-.365	0	%100
352	MP4C	Z	.632	.632	0	%100
353	M336A	X	-.226	-.226	0	%100
354	M336A	Z	.391	.391	0	%100
355	M342	X	0	0	0	%100
356	M342	Z	0	0	0	%100
357	MP1B	X	-.365	-.365	0	%100
358	MP1B	Z	.632	.632	0	%100
359	MP2B	X	-.365	-.365	0	%100
360	MP2B	Z	.632	.632	0	%100
361	MP3B	X	-.365	-.365	0	%100
362	MP3B	Z	.632	.632	0	%100
363	MP4B	X	-.365	-.365	0	%100
364	MP4B	Z	.632	.632	0	%100
365	M351	X	0	0	0	%100
366	M351	Z	0	0	0	%100
367	M356	X	-.221	-.221	0	%100
368	M356	Z	.382	.382	0	%100
369	M359	X	-.31	-.31	0	%100
370	M359	Z	.538	.538	0	%100
371	M360	X	0	0	0	%100
372	M360	Z	0	0	0	%100
373	M361	X	-.311	-.311	0	%100
374	M361	Z	.538	.538	0	%100
375	M364	X	-.199	-.199	0	%100
376	M364	Z	.345	.345	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	M122	X	-.797	-.797	0	%100
2	M122	Z	.46	.46	0	%100
3	M123	X	-.057	-.057	0	%100
4	M123	Z	.033	.033	0	%100
5	M124	X	-.612	-.612	0	%100
6	M124	Z	.353	.353	0	%100
7	M125	X	0	0	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, %]	
8	M125	Z	0	0	0	%100
9	M126	X	-.417	-.417	0	%100
10	M126	Z	.241	.241	0	%100
11	M127	X	-.489	-.489	0	%100
12	M127	Z	.283	.283	0	%100
13	M128	X	-.499	-.499	0	%100
14	M128	Z	.288	.288	0	%100
15	M129	X	-.157	-.157	0	%100
16	M129	Z	.091	.091	0	%100
17	M130	X	-.146	-.146	0	%100
18	M130	Z	.084	.084	0	%100
19	M131	X	-.133	-.133	0	%100
20	M131	Z	.077	.077	0	%100
21	M132	X	-.157	-.157	0	%100
22	M132	Z	.091	.091	0	%100
23	M133	X	-.146	-.146	0	%100
24	M133	Z	.084	.084	0	%100
25	M134	X	-.133	-.133	0	%100
26	M134	Z	.077	.077	0	%100
27	M177	X	-.158	-.158	0	%100
28	M177	Z	.091	.091	0	%100
29	M287A	X	-.084	-.084	0	%100
30	M287A	Z	.049	.049	0	%100
31	M289A	X	-.082	-.082	0	%100
32	M289A	Z	.048	.048	0	%100
33	M290A	X	-.102	-.102	0	%100
34	M290A	Z	.059	.059	0	%100
35	M292A	X	-.087	-.087	0	%100
36	M292A	Z	.05	.05	0	%100
37	M293A	X	-.216	-.216	0	%100
38	M293A	Z	.125	.125	0	%100
39	M295A	X	-.2	-.2	0	%100
40	M295A	Z	.115	.115	0	%100
41	M296A	X	-.223	-.223	0	%100
42	M296A	Z	.129	.129	0	%100
43	M298A	X	-.203	-.203	0	%100
44	M298A	Z	.117	.117	0	%100
45	M299A	X	-.245	-.245	0	%100
46	M299A	Z	.141	.141	0	%100
47	M301A	X	-.233	-.233	0	%100
48	M301A	Z	.135	.135	0	%100
49	M302A	X	-.233	-.233	0	%100
50	M302A	Z	.134	.134	0	%100
51	M305A	X	-.219	-.219	0	%100
52	M305A	Z	.126	.126	0	%100
53	M306A	X	-.218	-.218	0	%100
54	M306A	Z	.126	.126	0	%100
55	M307	X	-.205	-.205	0	%100
56	M307	Z	.118	.118	0	%100
57	M308	X	-.203	-.203	0	%100
58	M308	Z	.117	.117	0	%100
59	M309	X	-.195	-.195	0	%100
60	M309	Z	.113	.113	0	%100
61	M310	X	-.196	-.196	0	%100
62	M310	Z	.113	.113	0	%100
63	M311	X	-.187	-.187	0	%100
64	M311	Z	.108	.108	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.%]
65	M312	X	-.19	-.19	0 %100
66	M312	Z	.109	.109	0 %100
67	M313	X	-.188	-.188	0 %100
68	M313	Z	.108	.108	0 %100
69	M316	X	-.063	-.063	0 %100
70	M316	Z	.036	.036	0 %100
71	M317	X	-.062	-.062	0 %100
72	M317	Z	.036	.036	0 %100
73	M318	X	-.213	-.213	0 %100
74	M318	Z	.123	.123	0 %100
75	M319	X	-.211	-.211	0 %100
76	M319	Z	.122	.122	0 %100
77	M320	X	-.213	-.213	0 %100
78	M320	Z	.123	.123	0 %100
79	M321	X	-.211	-.211	0 %100
80	M321	Z	.122	.122	0 %100
81	M322	X	-.25	-.25	0 %100
82	M322	Z	.144	.144	0 %100
83	M323A	X	-.245	-.245	0 %100
84	M323A	Z	.141	.141	0 %100
85	M324A	X	-.249	-.249	0 %100
86	M324A	Z	.144	.144	0 %100
87	M325A	X	-.245	-.245	0 %100
88	M325A	Z	.141	.141	0 %100
89	M326A	X	-.084	-.084	0 %100
90	M326A	Z	.048	.048	0 %100
91	M327A	X	-.083	-.083	0 %100
92	M327A	Z	.048	.048	0 %100
93	M332B	X	-.077	-.077	0 %100
94	M332B	Z	.044	.044	0 %100
95	M333A	X	-.082	-.082	0 %100
96	M333A	Z	.048	.048	0 %100
97	M334A	X	-.202	-.202	0 %100
98	M334A	Z	.117	.117	0 %100
99	M335A	X	-.203	-.203	0 %100
100	M335A	Z	.117	.117	0 %100
101	M336	X	-.082	-.082	0 %100
102	M336	Z	.048	.048	0 %100
103	M337	X	-.2	-.2	0 %100
104	M337	Z	.116	.116	0 %100
105	M338	X	-.202	-.202	0 %100
106	M338	Z	.117	.117	0 %100
107	M339	X	-.077	-.077	0 %100
108	M339	Z	.044	.044	0 %100
109	M344	X	-.179	-.179	0 %100
110	M344	Z	.104	.104	0 %100
111	M345	X	-.174	-.174	0 %100
112	M345	Z	.101	.101	0 %100
113	MP1A	X	-.632	-.632	0 %100
114	MP1A	Z	.365	.365	0 %100
115	MP2A	X	-.632	-.632	0 %100
116	MP2A	Z	.365	.365	0 %100
117	MP3A	X	-.632	-.632	0 %100
118	MP3A	Z	.365	.365	0 %100
119	MP4A	X	-.632	-.632	0 %100
120	MP4A	Z	.365	.365	0 %100
121	M344A	X	-.13	-.13	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, %]
122	M344A	Z	.075	.075	0 %100
123	M138	X	-.427	-.427	0 %100
124	M138	Z	.247	.247	0 %100
125	M139	X	-.427	-.427	0 %100
126	M139	Z	.247	.247	0 %100
127	M140	X	-.612	-.612	0 %100
128	M140	Z	.353	.353	0 %100
129	M141	X	-.612	-.612	0 %100
130	M141	Z	.353	.353	0 %100
131	M142	X	0	0	0 %100
132	M142	Z	0	0	0 %100
133	M143	X	-4.9e-5	-4.9e-5	0 %100
134	M143	Z	2.9e-5	2.9e-5	0 %100
135	M144	X	-4.9e-5	-4.9e-5	0 %100
136	M144	Z	2.9e-5	2.9e-5	0 %100
137	M145	X	-.629	-.629	0 %100
138	M145	Z	.363	.363	0 %100
139	M146	X	-.583	-.583	0 %100
140	M146	Z	.337	.337	0 %100
141	M147	X	-.531	-.531	0 %100
142	M147	Z	.306	.306	0 %100
143	M148	X	-.629	-.629	0 %100
144	M148	Z	.363	.363	0 %100
145	M149	X	-.583	-.583	0 %100
146	M149	Z	.337	.337	0 %100
147	M150	X	-.531	-.531	0 %100
148	M150	Z	.306	.306	0 %100
149	M171	X	0	0	0 %100
150	M171	Z	0	0	0 %100
151	M172	X	0	0	0 %100
152	M172	Z	0	0	0 %100
153	M173	X	-.152	-.152	0 %100
154	M173	Z	.088	.088	0 %100
155	M174	X	-.1	-.1	0 %100
156	M174	Z	.058	.058	0 %100
157	M175	X	0	0	0 %100
158	M175	Z	0	0	0 %100
159	M176	X	0	0	0 %100
160	M176	Z	0	0	0 %100
161	M177A	X	-.014	-.014	0 %100
162	M177A	Z	.008	.008	0 %100
163	M178	X	-.01	-.01	0 %100
164	M178	Z	.006	.006	0 %100
165	M179	X	-.137	-.137	0 %100
166	M179	Z	.079	.079	0 %100
167	M181	X	-.069	-.069	0 %100
168	M181	Z	.04	.04	0 %100
169	M182	X	-.133	-.133	0 %100
170	M182	Z	.077	.077	0 %100
171	M183	X	-.065	-.065	0 %100
172	M183	Z	.037	.037	0 %100
173	M184	X	-.119	-.119	0 %100
174	M184	Z	.069	.069	0 %100
175	M185	X	-.048	-.048	0 %100
176	M185	Z	.028	.028	0 %100
177	M186	X	-.107	-.107	0 %100
178	M186	Z	.062	.062	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, %]
179	M187	X	-.04	-.04	0 %100
180	M187	Z	.023	.023	0 %100
181	M188	X	-.101	-.101	0 %100
182	M188	Z	.058	.058	0 %100
183	M189	X	-.033	-.033	0 %100
184	M189	Z	.019	.019	0 %100
185	M190	X	-.096	-.096	0 %100
186	M190	Z	.055	.055	0 %100
187	M191	X	-.091	-.091	0 %100
188	M191	Z	.052	.052	0 %100
189	M194	X	0	0	0 %100
190	M194	Z	0	0	0 %100
191	M195	X	0	0	0 %100
192	M195	Z	0	0	0 %100
193	M196	X	0	0	0 %100
194	M196	Z	0	0	0 %100
195	M197	X	0	0	0 %100
196	M197	Z	0	0	0 %100
197	M198	X	0	0	0 %100
198	M198	Z	0	0	0 %100
199	M199	X	0	0	0 %100
200	M199	Z	0	0	0 %100
201	M200	X	-.066	-.066	0 %100
202	M200	Z	.038	.038	0 %100
203	M201	X	-.137	-.137	0 %100
204	M201	Z	.079	.079	0 %100
205	M202	X	-.069	-.069	0 %100
206	M202	Z	.04	.04	0 %100
207	M203	X	-.137	-.137	0 %100
208	M203	Z	.079	.079	0 %100
209	M204	X	0	0	0 %100
210	M204	Z	0	0	0 %100
211	M205	X	0	0	0 %100
212	M205	Z	0	0	0 %100
213	M210	X	-.06	-.06	0 %100
214	M210	Z	.035	.035	0 %100
215	M211	X	0	0	0 %100
216	M211	Z	0	0	0 %100
217	M212	X	0	0	0 %100
218	M212	Z	0	0	0 %100
219	M213	X	-.006	-.006	0 %100
220	M213	Z	.003	.003	0 %100
221	M214	X	0	0	0 %100
222	M214	Z	0	0	0 %100
223	M215	X	0	0	0 %100
224	M215	Z	0	0	0 %100
225	M216	X	-.006	-.006	0 %100
226	M216	Z	.003	.003	0 %100
227	M217	X	-.06	-.06	0 %100
228	M217	Z	.035	.035	0 %100
229	M218	X	-.029	-.029	0 %100
230	M218	Z	.017	.017	0 %100
231	M219	X	-.015	-.015	0 %100
232	M219	Z	.009	.009	0 %100
233	M241	X	-.057	-.057	0 %100
234	M241	Z	.033	.033	0 %100
235	M242	X	-.797	-.797	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, %]
236	M242	Z	.46	.46	0 %100
237	M243	X	0	0	0 %100
238	M243	Z	0	0	0 %100
239	M244	X	-.612	-.612	0 %100
240	M244	Z	.353	.353	0 %100
241	M245	X	-.417	-.417	0 %100
242	M245	Z	.241	.241	0 %100
243	M246	X	-.499	-.499	0 %100
244	M246	Z	.288	.288	0 %100
245	M247	X	-.489	-.489	0 %100
246	M247	Z	.283	.283	0 %100
247	M248	X	-.157	-.157	0 %100
248	M248	Z	.091	.091	0 %100
249	M249	X	-.146	-.146	0 %100
250	M249	Z	.084	.084	0 %100
251	M250	X	-.133	-.133	0 %100
252	M250	Z	.077	.077	0 %100
253	M251	X	-.157	-.157	0 %100
254	M251	Z	.091	.091	0 %100
255	M252	X	-.146	-.146	0 %100
256	M252	Z	.084	.084	0 %100
257	M253	X	-.133	-.133	0 %100
258	M253	Z	.077	.077	0 %100
259	M274	X	-.084	-.084	0 %100
260	M274	Z	.049	.049	0 %100
261	M275	X	-.082	-.082	0 %100
262	M275	Z	.048	.048	0 %100
263	M276	X	-.102	-.102	0 %100
264	M276	Z	.059	.059	0 %100
265	M277	X	-.087	-.087	0 %100
266	M277	Z	.05	.05	0 %100
267	M278	X	-.216	-.216	0 %100
268	M278	Z	.125	.125	0 %100
269	M279	X	-.2	-.2	0 %100
270	M279	Z	.115	.115	0 %100
271	M280	X	-.223	-.223	0 %100
272	M280	Z	.129	.129	0 %100
273	M281	X	-.203	-.203	0 %100
274	M281	Z	.117	.117	0 %100
275	M282	X	-.245	-.245	0 %100
276	M282	Z	.141	.141	0 %100
277	M284	X	-.233	-.233	0 %100
278	M284	Z	.135	.135	0 %100
279	M285	X	-.233	-.233	0 %100
280	M285	Z	.134	.134	0 %100
281	M286	X	-.219	-.219	0 %100
282	M286	Z	.126	.126	0 %100
283	M287	X	-.218	-.218	0 %100
284	M287	Z	.126	.126	0 %100
285	M288	X	-.205	-.205	0 %100
286	M288	Z	.118	.118	0 %100
287	M289	X	-.203	-.203	0 %100
288	M289	Z	.117	.117	0 %100
289	M290	X	-.195	-.195	0 %100
290	M290	Z	.113	.113	0 %100
291	M291	X	-.196	-.196	0 %100
292	M291	Z	.113	.113	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, %]
293	M292	X	-.187	-.187	0 %100
294	M292	Z	.108	.108	0 %100
295	M293	X	-.19	-.19	0 %100
296	M293	Z	.109	.109	0 %100
297	M294	X	-.188	-.188	0 %100
298	M294	Z	.108	.108	0 %100
299	M297	X	-.063	-.063	0 %100
300	M297	Z	.036	.036	0 %100
301	M298	X	-.062	-.062	0 %100
302	M298	Z	.036	.036	0 %100
303	M299	X	-.213	-.213	0 %100
304	M299	Z	.123	.123	0 %100
305	M300	X	-.211	-.211	0 %100
306	M300	Z	.122	.122	0 %100
307	M301	X	-.213	-.213	0 %100
308	M301	Z	.123	.123	0 %100
309	M302	X	-.211	-.211	0 %100
310	M302	Z	.122	.122	0 %100
311	M303	X	-.25	-.25	0 %100
312	M303	Z	.144	.144	0 %100
313	M304	X	-.245	-.245	0 %100
314	M304	Z	.141	.141	0 %100
315	M305	X	-.249	-.249	0 %100
316	M305	Z	.144	.144	0 %100
317	M306	X	-.245	-.245	0 %100
318	M306	Z	.141	.141	0 %100
319	M307A	X	-.084	-.084	0 %100
320	M307A	Z	.048	.048	0 %100
321	M308A	X	-.083	-.083	0 %100
322	M308A	Z	.048	.048	0 %100
323	M313A	X	-.077	-.077	0 %100
324	M313A	Z	.044	.044	0 %100
325	M314A	X	-.082	-.082	0 %100
326	M314A	Z	.048	.048	0 %100
327	M315A	X	-.202	-.202	0 %100
328	M315A	Z	.117	.117	0 %100
329	M316A	X	-.203	-.203	0 %100
330	M316A	Z	.117	.117	0 %100
331	M317A	X	-.082	-.082	0 %100
332	M317A	Z	.048	.048	0 %100
333	M318A	X	-.2	-.2	0 %100
334	M318A	Z	.116	.116	0 %100
335	M319A	X	-.202	-.202	0 %100
336	M319A	Z	.117	.117	0 %100
337	M320A	X	-.077	-.077	0 %100
338	M320A	Z	.044	.044	0 %100
339	M321A	X	-.179	-.179	0 %100
340	M321A	Z	.104	.104	0 %100
341	M322A	X	-.174	-.174	0 %100
342	M322A	Z	.101	.101	0 %100
343	M327	X	-.632	-.632	0 %100
344	M327	Z	.365	.365	0 %100
345	MP1C	X	-.632	-.632	0 %100
346	MP1C	Z	.365	.365	0 %100
347	MP2C	X	-.632	-.632	0 %100
348	MP2C	Z	.365	.365	0 %100
349	MP3C	X	-.632	-.632	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.%,]
350	MP3C	Z	.365	.365	0	%100
351	MP4C	X	-.632	-.632	0	%100
352	MP4C	Z	.365	.365	0	%100
353	M336A	X	-.522	-.522	0	%100
354	M336A	Z	.301	.301	0	%100
355	M342	X	-.158	-.158	0	%100
356	M342	Z	.091	.091	0	%100
357	MP1B	X	-.632	-.632	0	%100
358	MP1B	Z	.365	.365	0	%100
359	MP2B	X	-.632	-.632	0	%100
360	MP2B	Z	.365	.365	0	%100
361	MP3B	X	-.632	-.632	0	%100
362	MP3B	Z	.365	.365	0	%100
363	MP4B	X	-.632	-.632	0	%100
364	MP4B	Z	.365	.365	0	%100
365	M351	X	-.13	-.13	0	%100
366	M351	Z	.075	.075	0	%100
367	M356	X	-.382	-.382	0	%100
368	M356	Z	.221	.221	0	%100
369	M359	X	-.717	-.717	0	%100
370	M359	Z	.414	.414	0	%100
371	M360	X	-.179	-.179	0	%100
372	M360	Z	.103	.103	0	%100
373	M361	X	-.179	-.179	0	%100
374	M361	Z	.104	.104	0	%100
375	M364	X	-.345	-.345	0	%100
376	M364	Z	.199	.199	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	M122	X	-.493	-.493	0	%100
2	M122	Z	0	0	0	%100
3	M123	X	-.493	-.493	0	%100
4	M123	Z	0	0	0	%100
5	M124	X	-.235	-.235	0	%100
6	M124	Z	0	0	0	%100
7	M125	X	-.235	-.235	0	%100
8	M125	Z	0	0	0	%100
9	M126	X	-.642	-.642	0	%100
10	M126	Z	0	0	0	%100
11	M127	X	-.761	-.761	0	%100
12	M127	Z	0	0	0	%100
13	M128	X	-.761	-.761	0	%100
14	M128	Z	0	0	0	%100
15	M129	X	0	0	0	%100
16	M129	Z	0	0	0	%100
17	M130	X	0	0	0	%100
18	M130	Z	0	0	0	%100
19	M131	X	0	0	0	%100
20	M131	Z	0	0	0	%100
21	M132	X	0	0	0	%100
22	M132	Z	0	0	0	%100
23	M133	X	0	0	0	%100
24	M133	Z	0	0	0	%100
25	M134	X	0	0	0	%100
26	M134	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, %]	
27	M177	X	0	0	0	%100
28	M177	Z	0	0	0	%100
29	M287A	X	-.13	-.13	0	%100
30	M287A	Z	0	0	0	%100
31	M289A	X	-.127	-.127	0	%100
32	M289A	Z	0	0	0	%100
33	M290A	X	-.098	-.098	0	%100
34	M290A	Z	0	0	0	%100
35	M292A	X	-.095	-.095	0	%100
36	M292A	Z	0	0	0	%100
37	M293A	X	-.333	-.333	0	%100
38	M293A	Z	0	0	0	%100
39	M295A	X	-.307	-.307	0	%100
40	M295A	Z	0	0	0	%100
41	M296A	X	-.339	-.339	0	%100
42	M296A	Z	0	0	0	%100
43	M298A	X	-.309	-.309	0	%100
44	M298A	Z	0	0	0	%100
45	M299A	X	-.324	-.324	0	%100
46	M299A	Z	0	0	0	%100
47	M301A	X	-.332	-.332	0	%100
48	M301A	Z	0	0	0	%100
49	M302A	X	-.308	-.308	0	%100
50	M302A	Z	0	0	0	%100
51	M305A	X	-.312	-.312	0	%100
52	M305A	Z	0	0	0	%100
53	M306A	X	-.29	-.29	0	%100
54	M306A	Z	0	0	0	%100
55	M307	X	-.297	-.297	0	%100
56	M307	Z	0	0	0	%100
57	M308	X	-.272	-.272	0	%100
58	M308	Z	0	0	0	%100
59	M309	X	-.285	-.285	0	%100
60	M309	Z	0	0	0	%100
61	M310	X	-.263	-.263	0	%100
62	M310	Z	0	0	0	%100
63	M311	X	-.275	-.275	0	%100
64	M311	Z	0	0	0	%100
65	M312	X	-.255	-.255	0	%100
66	M312	Z	0	0	0	%100
67	M313	X	-.254	-.254	0	%100
68	M313	Z	0	0	0	%100
69	M316	X	-.096	-.096	0	%100
70	M316	Z	0	0	0	%100
71	M317	X	-.096	-.096	0	%100
72	M317	Z	0	0	0	%100
73	M318	X	-.328	-.328	0	%100
74	M318	Z	0	0	0	%100
75	M319	X	-.324	-.324	0	%100
76	M319	Z	0	0	0	%100
77	M320	X	-.328	-.328	0	%100
78	M320	Z	0	0	0	%100
79	M321	X	-.324	-.324	0	%100
80	M321	Z	0	0	0	%100
81	M322	X	-.359	-.359	0	%100
82	M322	Z	0	0	0	%100
83	M323A	X	-.324	-.324	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, %]	
84	M323A	Z	0	0	0	%100
85	M324A	X	-0.356	-0.356	0	%100
86	M324A	Z	0	0	0	%100
87	M325A	X	-0.324	-0.324	0	%100
88	M325A	Z	0	0	0	%100
89	M326A	X	-0.129	-0.129	0	%100
90	M326A	Z	0	0	0	%100
91	M327A	X	-0.128	-0.128	0	%100
92	M327A	Z	0	0	0	%100
93	M332B	X	-0.095	-0.095	0	%100
94	M332B	Z	0	0	0	%100
95	M333A	X	-0.127	-0.127	0	%100
96	M333A	Z	0	0	0	%100
97	M334A	X	-0.311	-0.311	0	%100
98	M334A	Z	0	0	0	%100
99	M335A	X	-0.311	-0.311	0	%100
100	M335A	Z	0	0	0	%100
101	M336	X	-0.127	-0.127	0	%100
102	M336	Z	0	0	0	%100
103	M337	X	-0.308	-0.308	0	%100
104	M337	Z	0	0	0	%100
105	M338	X	-0.309	-0.309	0	%100
106	M338	Z	0	0	0	%100
107	M339	X	-0.095	-0.095	0	%100
108	M339	Z	0	0	0	%100
109	M344	X	-0.265	-0.265	0	%100
110	M344	Z	0	0	0	%100
111	M345	X	-0.262	-0.262	0	%100
112	M345	Z	0	0	0	%100
113	MP1A	X	-0.73	-0.73	0	%100
114	MP1A	Z	0	0	0	%100
115	MP2A	X	-0.73	-0.73	0	%100
116	MP2A	Z	0	0	0	%100
117	MP3A	X	-0.73	-0.73	0	%100
118	MP3A	Z	0	0	0	%100
119	MP4A	X	-0.73	-0.73	0	%100
120	MP4A	Z	0	0	0	%100
121	M344A	X	0	0	0	%100
122	M344A	Z	0	0	0	%100
123	M138	X	-0.921	-0.921	0	%100
124	M138	Z	0	0	0	%100
125	M139	X	-0.066	-0.066	0	%100
126	M139	Z	0	0	0	%100
127	M140	X	-0.942	-0.942	0	%100
128	M140	Z	0	0	0	%100
129	M141	X	-0.235	-0.235	0	%100
130	M141	Z	0	0	0	%100
131	M142	X	-0.16	-0.16	0	%100
132	M142	Z	0	0	0	%100
133	M143	X	-0.185	-0.185	0	%100
134	M143	Z	0	0	0	%100
135	M144	X	-0.196	-0.196	0	%100
136	M144	Z	0	0	0	%100
137	M145	X	-0.545	-0.545	0	%100
138	M145	Z	0	0	0	%100
139	M146	X	-0.505	-0.505	0	%100
140	M146	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, %]
141	M147	X	- .459	- .459	0 %100
142	M147	Z	0	0	0 %100
143	M148	X	- .545	- .545	0 %100
144	M148	Z	0	0	0 %100
145	M149	X	- .505	- .505	0 %100
146	M149	Z	0	0	0 %100
147	M150	X	- .459	- .459	0 %100
148	M150	Z	0	0	0 %100
149	M171	X	- .032	- .032	0 %100
150	M171	Z	0	0	0 %100
151	M172	X	- .032	- .032	0 %100
152	M172	Z	0	0	0 %100
153	M173	X	- .156	- .156	0 %100
154	M173	Z	0	0	0 %100
155	M174	X	- .111	- .111	0 %100
156	M174	Z	0	0	0 %100
157	M175	X	- .083	- .083	0 %100
158	M175	Z	0	0	0 %100
159	M176	X	- .077	- .077	0 %100
160	M176	Z	0	0	0 %100
161	M177A	X	- .097	- .097	0 %100
162	M177A	Z	0	0	0 %100
163	M178	X	- .086	- .086	0 %100
164	M178	Z	0	0	0 %100
165	M179	X	- .2	- .2	0 %100
166	M179	Z	0	0	0 %100
167	M181	X	- .143	- .143	0 %100
168	M181	Z	0	0	0 %100
169	M182	X	- .192	- .192	0 %100
170	M182	Z	0	0	0 %100
171	M183	X	- .134	- .134	0 %100
172	M183	Z	0	0	0 %100
173	M184	X	- .175	- .175	0 %100
174	M184	Z	0	0	0 %100
175	M185	X	- .116	- .116	0 %100
176	M185	Z	0	0	0 %100
177	M186	X	- .161	- .161	0 %100
178	M186	Z	0	0	0 %100
179	M187	X	- .106	- .106	0 %100
180	M187	Z	0	0	0 %100
181	M188	X	- .153	- .153	0 %100
182	M188	Z	0	0	0 %100
183	M189	X	- .097	- .097	0 %100
184	M189	Z	0	0	0 %100
185	M190	X	- .147	- .147	0 %100
186	M190	Z	0	0	0 %100
187	M191	X	- .142	- .142	0 %100
188	M191	Z	0	0	0 %100
189	M194	X	- .024	- .024	0 %100
190	M194	Z	0	0	0 %100
191	M195	X	- .024	- .024	0 %100
192	M195	Z	0	0	0 %100
193	M196	X	- .082	- .082	0 %100
194	M196	Z	0	0	0 %100
195	M197	X	- .081	- .081	0 %100
196	M197	Z	0	0	0 %100
197	M198	X	- .082	- .082	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, %]
198	M198	Z	0	0	0 %100
199	M199	X	-0.081	-0.081	0 %100
200	M199	Z	0	0	0 %100
201	M200	X	-0.147	-0.147	0 %100
202	M200	Z	0	0	0 %100
203	M201	X	-0.2	-0.2	0 %100
204	M201	Z	0	0	0 %100
205	M202	X	-0.149	-0.149	0 %100
206	M202	Z	0	0	0 %100
207	M203	X	-0.2	-0.2	0 %100
208	M203	Z	0	0	0 %100
209	M204	X	-0.032	-0.032	0 %100
210	M204	Z	0	0	0 %100
211	M205	X	-0.032	-0.032	0 %100
212	M205	Z	0	0	0 %100
213	M210	X	-0.076	-0.076	0 %100
214	M210	Z	0	0	0 %100
215	M211	X	-0.032	-0.032	0 %100
216	M211	Z	0	0	0 %100
217	M212	X	-0.078	-0.078	0 %100
218	M212	Z	0	0	0 %100
219	M213	X	-0.083	-0.083	0 %100
220	M213	Z	0	0	0 %100
221	M214	X	-0.032	-0.032	0 %100
222	M214	Z	0	0	0 %100
223	M215	X	-0.077	-0.077	0 %100
224	M215	Z	0	0	0 %100
225	M216	X	-0.082	-0.082	0 %100
226	M216	Z	0	0	0 %100
227	M217	X	-0.076	-0.076	0 %100
228	M217	Z	0	0	0 %100
229	M218	X	-0.092	-0.092	0 %100
230	M218	Z	0	0	0 %100
231	M219	X	-0.078	-0.078	0 %100
232	M219	Z	0	0	0 %100
233	M241	X	-0.066	-0.066	0 %100
234	M241	Z	0	0	0 %100
235	M242	X	-0.921	-0.921	0 %100
236	M242	Z	0	0	0 %100
237	M243	X	-0.235	-0.235	0 %100
238	M243	Z	0	0	0 %100
239	M244	X	-0.942	-0.942	0 %100
240	M244	Z	0	0	0 %100
241	M245	X	-0.16	-0.16	0 %100
242	M245	Z	0	0	0 %100
243	M246	X	-0.196	-0.196	0 %100
244	M246	Z	0	0	0 %100
245	M247	X	-0.185	-0.185	0 %100
246	M247	Z	0	0	0 %100
247	M248	X	-0.545	-0.545	0 %100
248	M248	Z	0	0	0 %100
249	M249	X	-0.505	-0.505	0 %100
250	M249	Z	0	0	0 %100
251	M250	X	-0.459	-0.459	0 %100
252	M250	Z	0	0	0 %100
253	M251	X	-0.545	-0.545	0 %100
254	M251	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, %]
255	M252	X	- .505	- .505	0 %100
256	M252	Z	0	0	0 %100
257	M253	X	- .459	- .459	0 %100
258	M253	Z	0	0	0 %100
259	M274	X	- .032	- .032	0 %100
260	M274	Z	0	0	0 %100
261	M275	X	- .032	- .032	0 %100
262	M275	Z	0	0	0 %100
263	M276	X	- .156	- .156	0 %100
264	M276	Z	0	0	0 %100
265	M277	X	- .111	- .111	0 %100
266	M277	Z	0	0	0 %100
267	M278	X	- .083	- .083	0 %100
268	M278	Z	0	0	0 %100
269	M279	X	- .077	- .077	0 %100
270	M279	Z	0	0	0 %100
271	M280	X	- .097	- .097	0 %100
272	M280	Z	0	0	0 %100
273	M281	X	- .086	- .086	0 %100
274	M281	Z	0	0	0 %100
275	M282	X	- .2	- .2	0 %100
276	M282	Z	0	0	0 %100
277	M284	X	- .143	- .143	0 %100
278	M284	Z	0	0	0 %100
279	M285	X	- .192	- .192	0 %100
280	M285	Z	0	0	0 %100
281	M286	X	- .134	- .134	0 %100
282	M286	Z	0	0	0 %100
283	M287	X	- .175	- .175	0 %100
284	M287	Z	0	0	0 %100
285	M288	X	- .116	- .116	0 %100
286	M288	Z	0	0	0 %100
287	M289	X	- .161	- .161	0 %100
288	M289	Z	0	0	0 %100
289	M290	X	- .106	- .106	0 %100
290	M290	Z	0	0	0 %100
291	M291	X	- .153	- .153	0 %100
292	M291	Z	0	0	0 %100
293	M292	X	- .097	- .097	0 %100
294	M292	Z	0	0	0 %100
295	M293	X	- .147	- .147	0 %100
296	M293	Z	0	0	0 %100
297	M294	X	- .142	- .142	0 %100
298	M294	Z	0	0	0 %100
299	M297	X	- .024	- .024	0 %100
300	M297	Z	0	0	0 %100
301	M298	X	- .024	- .024	0 %100
302	M298	Z	0	0	0 %100
303	M299	X	- .082	- .082	0 %100
304	M299	Z	0	0	0 %100
305	M300	X	- .081	- .081	0 %100
306	M300	Z	0	0	0 %100
307	M301	X	- .082	- .082	0 %100
308	M301	Z	0	0	0 %100
309	M302	X	- .081	- .081	0 %100
310	M302	Z	0	0	0 %100
311	M303	X	- .147	- .147	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, %]
312	M303	Z	0	0	0 %100
313	M304	X	-2	-2	0 %100
314	M304	Z	0	0	0 %100
315	M305	X	-149	-149	0 %100
316	M305	Z	0	0	0 %100
317	M306	X	-2	-2	0 %100
318	M306	Z	0	0	0 %100
319	M307A	X	-032	-032	0 %100
320	M307A	Z	0	0	0 %100
321	M308A	X	-032	-032	0 %100
322	M308A	Z	0	0	0 %100
323	M313A	X	-076	-076	0 %100
324	M313A	Z	0	0	0 %100
325	M314A	X	-032	-032	0 %100
326	M314A	Z	0	0	0 %100
327	M315A	X	-078	-078	0 %100
328	M315A	Z	0	0	0 %100
329	M316A	X	-083	-083	0 %100
330	M316A	Z	0	0	0 %100
331	M317A	X	-032	-032	0 %100
332	M317A	Z	0	0	0 %100
333	M318A	X	-077	-077	0 %100
334	M318A	Z	0	0	0 %100
335	M319A	X	-082	-082	0 %100
336	M319A	Z	0	0	0 %100
337	M320A	X	-076	-076	0 %100
338	M320A	Z	0	0	0 %100
339	M321A	X	-092	-092	0 %100
340	M321A	Z	0	0	0 %100
341	M322A	X	-078	-078	0 %100
342	M322A	Z	0	0	0 %100
343	M327	X	-547	-547	0 %100
344	M327	Z	0	0	0 %100
345	MP1C	X	-73	-73	0 %100
346	MP1C	Z	0	0	0 %100
347	MP2C	X	-73	-73	0 %100
348	MP2C	Z	0	0	0 %100
349	MP3C	X	-73	-73	0 %100
350	MP3C	Z	0	0	0 %100
351	MP4C	X	-73	-73	0 %100
352	MP4C	Z	0	0	0 %100
353	M336A	X	-452	-452	0 %100
354	M336A	Z	0	0	0 %100
355	M342	X	-547	-547	0 %100
356	M342	Z	0	0	0 %100
357	MP1B	X	-73	-73	0 %100
358	MP1B	Z	0	0	0 %100
359	MP2B	X	-73	-73	0 %100
360	MP2B	Z	0	0	0 %100
361	MP3B	X	-73	-73	0 %100
362	MP3B	Z	0	0	0 %100
363	MP4B	X	-73	-73	0 %100
364	MP4B	Z	0	0	0 %100
365	M351	X	-452	-452	0 %100
366	M351	Z	0	0	0 %100
367	M356	X	-441	-441	0 %100
368	M356	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, %]
369	M359	X	-.621	-.621	0	%100
370	M359	Z	0	0	0	%100
371	M360	X	-.621	-.621	0	%100
372	M360	Z	0	0	0	%100
373	M361	X	0	0	0	%100
374	M361	Z	0	0	0	%100
375	M364	X	-.399	-.399	0	%100
376	M364	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	M122	X	-.057	-.057	0	%100
2	M122	Z	-.033	-.033	0	%100
3	M123	X	-.797	-.797	0	%100
4	M123	Z	-.46	-.46	0	%100
5	M124	X	0	0	0	%100
6	M124	Z	0	0	0	%100
7	M125	X	-.612	-.612	0	%100
8	M125	Z	-.353	-.353	0	%100
9	M126	X	-.417	-.417	0	%100
10	M126	Z	-.241	-.241	0	%100
11	M127	X	-.499	-.499	0	%100
12	M127	Z	-.288	-.288	0	%100
13	M128	X	-.489	-.489	0	%100
14	M128	Z	-.283	-.283	0	%100
15	M129	X	-.157	-.157	0	%100
16	M129	Z	-.091	-.091	0	%100
17	M130	X	-.146	-.146	0	%100
18	M130	Z	-.084	-.084	0	%100
19	M131	X	-.133	-.133	0	%100
20	M131	Z	-.077	-.077	0	%100
21	M132	X	-.157	-.157	0	%100
22	M132	Z	-.091	-.091	0	%100
23	M133	X	-.146	-.146	0	%100
24	M133	Z	-.084	-.084	0	%100
25	M134	X	-.133	-.133	0	%100
26	M134	Z	-.077	-.077	0	%100
27	M177	X	-.158	-.158	0	%100
28	M177	Z	-.091	-.091	0	%100
29	M287A	X	-.084	-.084	0	%100
30	M287A	Z	-.049	-.049	0	%100
31	M289A	X	-.082	-.082	0	%100
32	M289A	Z	-.048	-.048	0	%100
33	M290A	X	-.102	-.102	0	%100
34	M290A	Z	-.059	-.059	0	%100
35	M292A	X	-.087	-.087	0	%100
36	M292A	Z	-.05	-.05	0	%100
37	M293A	X	-.216	-.216	0	%100
38	M293A	Z	-.125	-.125	0	%100
39	M295A	X	-.2	-.2	0	%100
40	M295A	Z	-.115	-.115	0	%100
41	M296A	X	-.223	-.223	0	%100
42	M296A	Z	-.129	-.129	0	%100
43	M298A	X	-.203	-.203	0	%100
44	M298A	Z	-.117	-.117	0	%100
45	M299A	X	-.245	-.245	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.%]
46	M299A	Z	-141	-141	0 %100
47	M301A	X	-233	-233	0 %100
48	M301A	Z	-135	-135	0 %100
49	M302A	X	-233	-233	0 %100
50	M302A	Z	-134	-134	0 %100
51	M305A	X	-219	-219	0 %100
52	M305A	Z	-126	-126	0 %100
53	M306A	X	-218	-218	0 %100
54	M306A	Z	-126	-126	0 %100
55	M307	X	-205	-205	0 %100
56	M307	Z	-118	-118	0 %100
57	M308	X	-203	-203	0 %100
58	M308	Z	-117	-117	0 %100
59	M309	X	-195	-195	0 %100
60	M309	Z	-113	-113	0 %100
61	M310	X	-196	-196	0 %100
62	M310	Z	-113	-113	0 %100
63	M311	X	-187	-187	0 %100
64	M311	Z	-108	-108	0 %100
65	M312	X	-19	-19	0 %100
66	M312	Z	-109	-109	0 %100
67	M313	X	-188	-188	0 %100
68	M313	Z	-108	-108	0 %100
69	M316	X	-063	-063	0 %100
70	M316	Z	-036	-036	0 %100
71	M317	X	-062	-062	0 %100
72	M317	Z	-036	-036	0 %100
73	M318	X	-213	-213	0 %100
74	M318	Z	-123	-123	0 %100
75	M319	X	-211	-211	0 %100
76	M319	Z	-122	-122	0 %100
77	M320	X	-213	-213	0 %100
78	M320	Z	-123	-123	0 %100
79	M321	X	-211	-211	0 %100
80	M321	Z	-122	-122	0 %100
81	M322	X	-25	-25	0 %100
82	M322	Z	-144	-144	0 %100
83	M323A	X	-245	-245	0 %100
84	M323A	Z	-141	-141	0 %100
85	M324A	X	-249	-249	0 %100
86	M324A	Z	-144	-144	0 %100
87	M325A	X	-245	-245	0 %100
88	M325A	Z	-141	-141	0 %100
89	M326A	X	-084	-084	0 %100
90	M326A	Z	-048	-048	0 %100
91	M327A	X	-083	-083	0 %100
92	M327A	Z	-048	-048	0 %100
93	M332B	X	-077	-077	0 %100
94	M332B	Z	-044	-044	0 %100
95	M333A	X	-082	-082	0 %100
96	M333A	Z	-048	-048	0 %100
97	M334A	X	-202	-202	0 %100
98	M334A	Z	-117	-117	0 %100
99	M335A	X	-203	-203	0 %100
100	M335A	Z	-117	-117	0 %100
101	M336	X	-082	-082	0 %100
102	M336	Z	-048	-048	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, %]
103	M337	X	-0.2	-0.2	0 %100
104	M337	Z	-0.116	-0.116	0 %100
105	M338	X	-0.202	-0.202	0 %100
106	M338	Z	-0.117	-0.117	0 %100
107	M339	X	-0.077	-0.077	0 %100
108	M339	Z	-0.044	-0.044	0 %100
109	M344	X	-0.179	-0.179	0 %100
110	M344	Z	-0.104	-0.104	0 %100
111	M345	X	-0.174	-0.174	0 %100
112	M345	Z	-0.101	-0.101	0 %100
113	MP1A	X	-0.632	-0.632	0 %100
114	MP1A	Z	-0.365	-0.365	0 %100
115	MP2A	X	-0.632	-0.632	0 %100
116	MP2A	Z	-0.365	-0.365	0 %100
117	MP3A	X	-0.632	-0.632	0 %100
118	MP3A	Z	-0.365	-0.365	0 %100
119	MP4A	X	-0.632	-0.632	0 %100
120	MP4A	Z	-0.365	-0.365	0 %100
121	M344A	X	-0.13	-0.13	0 %100
122	M344A	Z	-0.075	-0.075	0 %100
123	M138	X	-0.797	-0.797	0 %100
124	M138	Z	-0.46	-0.46	0 %100
125	M139	X	-0.057	-0.057	0 %100
126	M139	Z	-0.033	-0.033	0 %100
127	M140	X	-0.612	-0.612	0 %100
128	M140	Z	-0.353	-0.353	0 %100
129	M141	X	0	0	0 %100
130	M141	Z	0	0	0 %100
131	M142	X	-0.417	-0.417	0 %100
132	M142	Z	-0.241	-0.241	0 %100
133	M143	X	-0.489	-0.489	0 %100
134	M143	Z	-0.283	-0.283	0 %100
135	M144	X	-0.499	-0.499	0 %100
136	M144	Z	-0.288	-0.288	0 %100
137	M145	X	-0.157	-0.157	0 %100
138	M145	Z	-0.091	-0.091	0 %100
139	M146	X	-0.146	-0.146	0 %100
140	M146	Z	-0.084	-0.084	0 %100
141	M147	X	-0.133	-0.133	0 %100
142	M147	Z	-0.077	-0.077	0 %100
143	M148	X	-0.157	-0.157	0 %100
144	M148	Z	-0.091	-0.091	0 %100
145	M149	X	-0.146	-0.146	0 %100
146	M149	Z	-0.084	-0.084	0 %100
147	M150	X	-0.133	-0.133	0 %100
148	M150	Z	-0.077	-0.077	0 %100
149	M171	X	-0.084	-0.084	0 %100
150	M171	Z	-0.049	-0.049	0 %100
151	M172	X	-0.082	-0.082	0 %100
152	M172	Z	-0.048	-0.048	0 %100
153	M173	X	-0.102	-0.102	0 %100
154	M173	Z	-0.059	-0.059	0 %100
155	M174	X	-0.087	-0.087	0 %100
156	M174	Z	-0.05	-0.05	0 %100
157	M175	X	-0.216	-0.216	0 %100
158	M175	Z	-0.125	-0.125	0 %100
159	M176	X	-0.2	-0.2	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, %]
160	M176	Z	- .115	- .115	0 %100
161	M177A	X	- .223	- .223	0 %100
162	M177A	Z	- .129	- .129	0 %100
163	M178	X	- .203	- .203	0 %100
164	M178	Z	- .117	- .117	0 %100
165	M179	X	- .245	- .245	0 %100
166	M179	Z	- .141	- .141	0 %100
167	M181	X	- .233	- .233	0 %100
168	M181	Z	- .135	- .135	0 %100
169	M182	X	- .233	- .233	0 %100
170	M182	Z	- .134	- .134	0 %100
171	M183	X	- .219	- .219	0 %100
172	M183	Z	- .126	- .126	0 %100
173	M184	X	- .218	- .218	0 %100
174	M184	Z	- .126	- .126	0 %100
175	M185	X	- .205	- .205	0 %100
176	M185	Z	- .118	- .118	0 %100
177	M186	X	- .203	- .203	0 %100
178	M186	Z	- .117	- .117	0 %100
179	M187	X	- .195	- .195	0 %100
180	M187	Z	- .113	- .113	0 %100
181	M188	X	- .196	- .196	0 %100
182	M188	Z	- .113	- .113	0 %100
183	M189	X	- .187	- .187	0 %100
184	M189	Z	- .108	- .108	0 %100
185	M190	X	- .19	- .19	0 %100
186	M190	Z	- .109	- .109	0 %100
187	M191	X	- .188	- .188	0 %100
188	M191	Z	- .108	- .108	0 %100
189	M194	X	- .063	- .063	0 %100
190	M194	Z	- .036	- .036	0 %100
191	M195	X	- .062	- .062	0 %100
192	M195	Z	- .036	- .036	0 %100
193	M196	X	- .213	- .213	0 %100
194	M196	Z	- .123	- .123	0 %100
195	M197	X	- .211	- .211	0 %100
196	M197	Z	- .122	- .122	0 %100
197	M198	X	- .213	- .213	0 %100
198	M198	Z	- .123	- .123	0 %100
199	M199	X	- .211	- .211	0 %100
200	M199	Z	- .122	- .122	0 %100
201	M200	X	- .25	- .25	0 %100
202	M200	Z	- .144	- .144	0 %100
203	M201	X	- .245	- .245	0 %100
204	M201	Z	- .141	- .141	0 %100
205	M202	X	- .249	- .249	0 %100
206	M202	Z	- .144	- .144	0 %100
207	M203	X	- .245	- .245	0 %100
208	M203	Z	- .141	- .141	0 %100
209	M204	X	- .084	- .084	0 %100
210	M204	Z	- .048	- .048	0 %100
211	M205	X	- .083	- .083	0 %100
212	M205	Z	- .048	- .048	0 %100
213	M210	X	- .077	- .077	0 %100
214	M210	Z	- .044	- .044	0 %100
215	M211	X	- .082	- .082	0 %100
216	M211	Z	- .048	- .048	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, %]
217	M212	X	- .202	- .202	0 %100
218	M212	Z	- .117	- .117	0 %100
219	M213	X	- .203	- .203	0 %100
220	M213	Z	- .117	- .117	0 %100
221	M214	X	- .082	- .082	0 %100
222	M214	Z	- .048	- .048	0 %100
223	M215	X	- .2	- .2	0 %100
224	M215	Z	- .116	- .116	0 %100
225	M216	X	- .202	- .202	0 %100
226	M216	Z	- .117	- .117	0 %100
227	M217	X	- .077	- .077	0 %100
228	M217	Z	- .044	- .044	0 %100
229	M218	X	- .179	- .179	0 %100
230	M218	Z	- .104	- .104	0 %100
231	M219	X	- .174	- .174	0 %100
232	M219	Z	- .101	- .101	0 %100
233	M241	X	- .427	- .427	0 %100
234	M241	Z	- .247	- .247	0 %100
235	M242	X	- .427	- .427	0 %100
236	M242	Z	- .247	- .247	0 %100
237	M243	X	- .612	- .612	0 %100
238	M243	Z	- .353	- .353	0 %100
239	M244	X	- .612	- .612	0 %100
240	M244	Z	- .353	- .353	0 %100
241	M245	X	0	0	0 %100
242	M245	Z	0	0	0 %100
243	M246	X	- 4.9e-5	- 4.9e-5	0 %100
244	M246	Z	- 2.9e-5	- 2.9e-5	0 %100
245	M247	X	- 4.9e-5	- 4.9e-5	0 %100
246	M247	Z	- 2.9e-5	- 2.9e-5	0 %100
247	M248	X	- .629	- .629	0 %100
248	M248	Z	- .363	- .363	0 %100
249	M249	X	- .583	- .583	0 %100
250	M249	Z	- .337	- .337	0 %100
251	M250	X	- .531	- .531	0 %100
252	M250	Z	- .306	- .306	0 %100
253	M251	X	- .629	- .629	0 %100
254	M251	Z	- .363	- .363	0 %100
255	M252	X	- .583	- .583	0 %100
256	M252	Z	- .337	- .337	0 %100
257	M253	X	- .531	- .531	0 %100
258	M253	Z	- .306	- .306	0 %100
259	M274	X	0	0	0 %100
260	M274	Z	0	0	0 %100
261	M275	X	0	0	0 %100
262	M275	Z	0	0	0 %100
263	M276	X	- .152	- .152	0 %100
264	M276	Z	- .088	- .088	0 %100
265	M277	X	- .1	- .1	0 %100
266	M277	Z	- .058	- .058	0 %100
267	M278	X	0	0	0 %100
268	M278	Z	0	0	0 %100
269	M279	X	0	0	0 %100
270	M279	Z	0	0	0 %100
271	M280	X	- .014	- .014	0 %100
272	M280	Z	- .008	- .008	0 %100
273	M281	X	- .01	- .01	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, %]
274	M281	Z	-0.006	-0.006	0 %100
275	M282	X	-0.137	-0.137	0 %100
276	M282	Z	-0.079	-0.079	0 %100
277	M284	X	-0.069	-0.069	0 %100
278	M284	Z	-0.04	-0.04	0 %100
279	M285	X	-0.133	-0.133	0 %100
280	M285	Z	-0.077	-0.077	0 %100
281	M286	X	-0.065	-0.065	0 %100
282	M286	Z	-0.037	-0.037	0 %100
283	M287	X	-0.119	-0.119	0 %100
284	M287	Z	-0.069	-0.069	0 %100
285	M288	X	-0.048	-0.048	0 %100
286	M288	Z	-0.028	-0.028	0 %100
287	M289	X	-0.107	-0.107	0 %100
288	M289	Z	-0.062	-0.062	0 %100
289	M290	X	-0.04	-0.04	0 %100
290	M290	Z	-0.023	-0.023	0 %100
291	M291	X	-0.101	-0.101	0 %100
292	M291	Z	-0.058	-0.058	0 %100
293	M292	X	-0.033	-0.033	0 %100
294	M292	Z	-0.019	-0.019	0 %100
295	M293	X	-0.096	-0.096	0 %100
296	M293	Z	-0.055	-0.055	0 %100
297	M294	X	-0.091	-0.091	0 %100
298	M294	Z	-0.052	-0.052	0 %100
299	M297	X	0	0	0 %100
300	M297	Z	0	0	0 %100
301	M298	X	0	0	0 %100
302	M298	Z	0	0	0 %100
303	M299	X	0	0	0 %100
304	M299	Z	0	0	0 %100
305	M300	X	0	0	0 %100
306	M300	Z	0	0	0 %100
307	M301	X	0	0	0 %100
308	M301	Z	0	0	0 %100
309	M302	X	0	0	0 %100
310	M302	Z	0	0	0 %100
311	M303	X	-0.066	-0.066	0 %100
312	M303	Z	-0.038	-0.038	0 %100
313	M304	X	-0.137	-0.137	0 %100
314	M304	Z	-0.079	-0.079	0 %100
315	M305	X	-0.069	-0.069	0 %100
316	M305	Z	-0.04	-0.04	0 %100
317	M306	X	-0.137	-0.137	0 %100
318	M306	Z	-0.079	-0.079	0 %100
319	M307A	X	0	0	0 %100
320	M307A	Z	0	0	0 %100
321	M308A	X	0	0	0 %100
322	M308A	Z	0	0	0 %100
323	M313A	X	-0.06	-0.06	0 %100
324	M313A	Z	-0.035	-0.035	0 %100
325	M314A	X	0	0	0 %100
326	M314A	Z	0	0	0 %100
327	M315A	X	0	0	0 %100
328	M315A	Z	0	0	0 %100
329	M316A	X	-0.006	-0.006	0 %100
330	M316A	Z	-0.003	-0.003	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, %]
331	M317A	X	0	0	0	%100
332	M317A	Z	0	0	0	%100
333	M318A	X	0	0	0	%100
334	M318A	Z	0	0	0	%100
335	M319A	X	-0.006	-0.006	0	%100
336	M319A	Z	-0.003	-0.003	0	%100
337	M320A	X	-0.06	-0.06	0	%100
338	M320A	Z	-0.035	-0.035	0	%100
339	M321A	X	-0.029	-0.029	0	%100
340	M321A	Z	-0.017	-0.017	0	%100
341	M322A	X	-0.015	-0.015	0	%100
342	M322A	Z	-0.009	-0.009	0	%100
343	M327	X	-0.158	-0.158	0	%100
344	M327	Z	-0.091	-0.091	0	%100
345	MP1C	X	-0.632	-0.632	0	%100
346	MP1C	Z	-0.365	-0.365	0	%100
347	MP2C	X	-0.632	-0.632	0	%100
348	MP2C	Z	-0.365	-0.365	0	%100
349	MP3C	X	-0.632	-0.632	0	%100
350	MP3C	Z	-0.365	-0.365	0	%100
351	MP4C	X	-0.632	-0.632	0	%100
352	MP4C	Z	-0.365	-0.365	0	%100
353	M336A	X	-0.13	-0.13	0	%100
354	M336A	Z	-0.075	-0.075	0	%100
355	M342	X	-0.632	-0.632	0	%100
356	M342	Z	-0.365	-0.365	0	%100
357	MP1B	X	-0.632	-0.632	0	%100
358	MP1B	Z	-0.365	-0.365	0	%100
359	MP2B	X	-0.632	-0.632	0	%100
360	MP2B	Z	-0.365	-0.365	0	%100
361	MP3B	X	-0.632	-0.632	0	%100
362	MP3B	Z	-0.365	-0.365	0	%100
363	MP4B	X	-0.632	-0.632	0	%100
364	MP4B	Z	-0.365	-0.365	0	%100
365	M351	X	-0.522	-0.522	0	%100
366	M351	Z	-0.301	-0.301	0	%100
367	M356	X	-0.382	-0.382	0	%100
368	M356	Z	-0.221	-0.221	0	%100
369	M359	X	-0.179	-0.179	0	%100
370	M359	Z	-0.104	-0.104	0	%100
371	M360	X	-0.717	-0.717	0	%100
372	M360	Z	-0.414	-0.414	0	%100
373	M361	X	-0.179	-0.179	0	%100
374	M361	Z	-0.103	-0.103	0	%100
375	M364	X	-0.345	-0.345	0	%100
376	M364	Z	-0.199	-0.199	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	M122	X	-0.033	-0.033	0	%100
2	M122	Z	-0.057	-0.057	0	%100
3	M123	X	-0.46	-0.46	0	%100
4	M123	Z	-0.797	-0.797	0	%100
5	M124	X	-0.118	-0.118	0	%100
6	M124	Z	-0.204	-0.204	0	%100
7	M125	X	-0.471	-0.471	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, %]
8	M125	Z	-0.816	-0.816	0 %100
9	M126	X	-0.08	-0.08	0 %100
10	M126	Z	-0.139	-0.139	0 %100
11	M127	X	-0.098	-0.098	0 %100
12	M127	Z	-0.17	-0.17	0 %100
13	M128	X	-0.092	-0.092	0 %100
14	M128	Z	-0.16	-0.16	0 %100
15	M129	X	-0.272	-0.272	0 %100
16	M129	Z	-0.472	-0.472	0 %100
17	M130	X	-0.253	-0.253	0 %100
18	M130	Z	-0.438	-0.438	0 %100
19	M131	X	-0.23	-0.23	0 %100
20	M131	Z	-0.398	-0.398	0 %100
21	M132	X	-0.272	-0.272	0 %100
22	M132	Z	-0.472	-0.472	0 %100
23	M133	X	-0.253	-0.253	0 %100
24	M133	Z	-0.438	-0.438	0 %100
25	M134	X	-0.23	-0.23	0 %100
26	M134	Z	-0.398	-0.398	0 %100
27	M177	X	-0.274	-0.274	0 %100
28	M177	Z	-0.474	-0.474	0 %100
29	M287A	X	-0.016	-0.016	0 %100
30	M287A	Z	-0.028	-0.028	0 %100
31	M289A	X	-0.016	-0.016	0 %100
32	M289A	Z	-0.027	-0.027	0 %100
33	M290A	X	-0.078	-0.078	0 %100
34	M290A	Z	-0.135	-0.135	0 %100
35	M292A	X	-0.055	-0.055	0 %100
36	M292A	Z	-0.096	-0.096	0 %100
37	M293A	X	-0.042	-0.042	0 %100
38	M293A	Z	-0.072	-0.072	0 %100
39	M295A	X	-0.038	-0.038	0 %100
40	M295A	Z	-0.067	-0.067	0 %100
41	M296A	X	-0.048	-0.048	0 %100
42	M296A	Z	-0.084	-0.084	0 %100
43	M298A	X	-0.043	-0.043	0 %100
44	M298A	Z	-0.074	-0.074	0 %100
45	M299A	X	-0.1	-0.1	0 %100
46	M299A	Z	-0.173	-0.173	0 %100
47	M301A	X	-0.072	-0.072	0 %100
48	M301A	Z	-0.124	-0.124	0 %100
49	M302A	X	-0.096	-0.096	0 %100
50	M302A	Z	-0.166	-0.166	0 %100
51	M305A	X	-0.067	-0.067	0 %100
52	M305A	Z	-0.116	-0.116	0 %100
53	M306A	X	-0.088	-0.088	0 %100
54	M306A	Z	-0.152	-0.152	0 %100
55	M307	X	-0.058	-0.058	0 %100
56	M307	Z	-0.1	-0.1	0 %100
57	M308	X	-0.08	-0.08	0 %100
58	M308	Z	-0.139	-0.139	0 %100
59	M309	X	-0.053	-0.053	0 %100
60	M309	Z	-0.092	-0.092	0 %100
61	M310	X	-0.077	-0.077	0 %100
62	M310	Z	-0.133	-0.133	0 %100
63	M311	X	-0.049	-0.049	0 %100
64	M311	Z	-0.084	-0.084	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.%]
65	M312	X	-0.073	-0.073	0 %100
66	M312	Z	-0.127	-0.127	0 %100
67	M313	X	-0.071	-0.071	0 %100
68	M313	Z	-0.123	-0.123	0 %100
69	M316	X	-0.012	-0.012	0 %100
70	M316	Z	-0.021	-0.021	0 %100
71	M317	X	-0.012	-0.012	0 %100
72	M317	Z	-0.021	-0.021	0 %100
73	M318	X	-0.041	-0.041	0 %100
74	M318	Z	-0.071	-0.071	0 %100
75	M319	X	-0.041	-0.041	0 %100
76	M319	Z	-0.07	-0.07	0 %100
77	M320	X	-0.041	-0.041	0 %100
78	M320	Z	-0.071	-0.071	0 %100
79	M321	X	-0.041	-0.041	0 %100
80	M321	Z	-0.07	-0.07	0 %100
81	M322	X	-0.073	-0.073	0 %100
82	M322	Z	-0.127	-0.127	0 %100
83	M323A	X	-0.1	-0.1	0 %100
84	M323A	Z	-0.173	-0.173	0 %100
85	M324A	X	-0.074	-0.074	0 %100
86	M324A	Z	-0.129	-0.129	0 %100
87	M325A	X	-0.1	-0.1	0 %100
88	M325A	Z	-0.173	-0.173	0 %100
89	M326A	X	-0.016	-0.016	0 %100
90	M326A	Z	-0.028	-0.028	0 %100
91	M327A	X	-0.016	-0.016	0 %100
92	M327A	Z	-0.028	-0.028	0 %100
93	M332B	X	-0.038	-0.038	0 %100
94	M332B	Z	-0.066	-0.066	0 %100
95	M333A	X	-0.016	-0.016	0 %100
96	M333A	Z	-0.027	-0.027	0 %100
97	M334A	X	-0.039	-0.039	0 %100
98	M334A	Z	-0.067	-0.067	0 %100
99	M335A	X	-0.041	-0.041	0 %100
100	M335A	Z	-0.072	-0.072	0 %100
101	M336	X	-0.016	-0.016	0 %100
102	M336	Z	-0.027	-0.027	0 %100
103	M337	X	-0.039	-0.039	0 %100
104	M337	Z	-0.067	-0.067	0 %100
105	M338	X	-0.041	-0.041	0 %100
106	M338	Z	-0.071	-0.071	0 %100
107	M339	X	-0.038	-0.038	0 %100
108	M339	Z	-0.065	-0.065	0 %100
109	M344	X	-0.046	-0.046	0 %100
110	M344	Z	-0.079	-0.079	0 %100
111	M345	X	-0.039	-0.039	0 %100
112	M345	Z	-0.068	-0.068	0 %100
113	MP1A	X	-0.365	-0.365	0 %100
114	MP1A	Z	-0.632	-0.632	0 %100
115	MP2A	X	-0.365	-0.365	0 %100
116	MP2A	Z	-0.632	-0.632	0 %100
117	MP3A	X	-0.365	-0.365	0 %100
118	MP3A	Z	-0.632	-0.632	0 %100
119	MP4A	X	-0.365	-0.365	0 %100
120	MP4A	Z	-0.632	-0.632	0 %100
121	M344A	X	-0.226	-0.226	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.%]
122	M344A	Z	-.391	-.391	0 %100
123	M138	X	-.247	-.247	0 %100
124	M138	Z	-.427	-.427	0 %100
125	M139	X	-.247	-.247	0 %100
126	M139	Z	-.427	-.427	0 %100
127	M140	X	-.118	-.118	0 %100
128	M140	Z	-.204	-.204	0 %100
129	M141	X	-.118	-.118	0 %100
130	M141	Z	-.204	-.204	0 %100
131	M142	X	-.321	-.321	0 %100
132	M142	Z	-.556	-.556	0 %100
133	M143	X	-.381	-.381	0 %100
134	M143	Z	-.659	-.659	0 %100
135	M144	X	-.381	-.381	0 %100
136	M144	Z	-.659	-.659	0 %100
137	M145	X	0	0	0 %100
138	M145	Z	0	0	0 %100
139	M146	X	0	0	0 %100
140	M146	Z	0	0	0 %100
141	M147	X	0	0	0 %100
142	M147	Z	0	0	0 %100
143	M148	X	0	0	0 %100
144	M148	Z	0	0	0 %100
145	M149	X	0	0	0 %100
146	M149	Z	0	0	0 %100
147	M150	X	0	0	0 %100
148	M150	Z	0	0	0 %100
149	M171	X	-.065	-.065	0 %100
150	M171	Z	-.112	-.112	0 %100
151	M172	X	-.063	-.063	0 %100
152	M172	Z	-.11	-.11	0 %100
153	M173	X	-.049	-.049	0 %100
154	M173	Z	-.085	-.085	0 %100
155	M174	X	-.048	-.048	0 %100
156	M174	Z	-.082	-.082	0 %100
157	M175	X	-.167	-.167	0 %100
158	M175	Z	-.289	-.289	0 %100
159	M176	X	-.154	-.154	0 %100
160	M176	Z	-.266	-.266	0 %100
161	M177A	X	-.169	-.169	0 %100
162	M177A	Z	-.293	-.293	0 %100
163	M178	X	-.155	-.155	0 %100
164	M178	Z	-.268	-.268	0 %100
165	M179	X	-.162	-.162	0 %100
166	M179	Z	-.281	-.281	0 %100
167	M181	X	-.166	-.166	0 %100
168	M181	Z	-.288	-.288	0 %100
169	M182	X	-.154	-.154	0 %100
170	M182	Z	-.266	-.266	0 %100
171	M183	X	-.156	-.156	0 %100
172	M183	Z	-.27	-.27	0 %100
173	M184	X	-.145	-.145	0 %100
174	M184	Z	-.251	-.251	0 %100
175	M185	X	-.149	-.149	0 %100
176	M185	Z	-.257	-.257	0 %100
177	M186	X	-.136	-.136	0 %100
178	M186	Z	-.236	-.236	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, %]
236	M242	Z	-0.057	-0.057	0 %100
237	M243	X	-0.471	-0.471	0 %100
238	M243	Z	-0.816	-0.816	0 %100
239	M244	X	-0.118	-0.118	0 %100
240	M244	Z	-0.204	-0.204	0 %100
241	M245	X	-0.08	-0.08	0 %100
242	M245	Z	-0.139	-0.139	0 %100
243	M246	X	-0.092	-0.092	0 %100
244	M246	Z	-0.16	-0.16	0 %100
245	M247	X	-0.098	-0.098	0 %100
246	M247	Z	-0.17	-0.17	0 %100
247	M248	X	-0.272	-0.272	0 %100
248	M248	Z	-0.472	-0.472	0 %100
249	M249	X	-0.253	-0.253	0 %100
250	M249	Z	-0.438	-0.438	0 %100
251	M250	X	-0.23	-0.23	0 %100
252	M250	Z	-0.398	-0.398	0 %100
253	M251	X	-0.272	-0.272	0 %100
254	M251	Z	-0.472	-0.472	0 %100
255	M252	X	-0.253	-0.253	0 %100
256	M252	Z	-0.438	-0.438	0 %100
257	M253	X	-0.23	-0.23	0 %100
258	M253	Z	-0.398	-0.398	0 %100
259	M274	X	-0.016	-0.016	0 %100
260	M274	Z	-0.028	-0.028	0 %100
261	M275	X	-0.016	-0.016	0 %100
262	M275	Z	-0.027	-0.027	0 %100
263	M276	X	-0.078	-0.078	0 %100
264	M276	Z	-0.135	-0.135	0 %100
265	M277	X	-0.055	-0.055	0 %100
266	M277	Z	-0.096	-0.096	0 %100
267	M278	X	-0.042	-0.042	0 %100
268	M278	Z	-0.072	-0.072	0 %100
269	M279	X	-0.038	-0.038	0 %100
270	M279	Z	-0.067	-0.067	0 %100
271	M280	X	-0.048	-0.048	0 %100
272	M280	Z	-0.084	-0.084	0 %100
273	M281	X	-0.043	-0.043	0 %100
274	M281	Z	-0.074	-0.074	0 %100
275	M282	X	-0.1	-0.1	0 %100
276	M282	Z	-0.173	-0.173	0 %100
277	M284	X	-0.072	-0.072	0 %100
278	M284	Z	-0.124	-0.124	0 %100
279	M285	X	-0.096	-0.096	0 %100
280	M285	Z	-0.166	-0.166	0 %100
281	M286	X	-0.067	-0.067	0 %100
282	M286	Z	-0.116	-0.116	0 %100
283	M287	X	-0.088	-0.088	0 %100
284	M287	Z	-0.152	-0.152	0 %100
285	M288	X	-0.058	-0.058	0 %100
286	M288	Z	-0.1	-0.1	0 %100
287	M289	X	-0.08	-0.08	0 %100
288	M289	Z	-0.139	-0.139	0 %100
289	M290	X	-0.053	-0.053	0 %100
290	M290	Z	-0.092	-0.092	0 %100
291	M291	X	-0.077	-0.077	0 %100
292	M291	Z	-0.133	-0.133	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.%]
293	M292	X	-0.049	-0.049	0 %100
294	M292	Z	-0.084	-0.084	0 %100
295	M293	X	-0.073	-0.073	0 %100
296	M293	Z	-0.127	-0.127	0 %100
297	M294	X	-0.071	-0.071	0 %100
298	M294	Z	-0.123	-0.123	0 %100
299	M297	X	-0.012	-0.012	0 %100
300	M297	Z	-0.021	-0.021	0 %100
301	M298	X	-0.012	-0.012	0 %100
302	M298	Z	-0.021	-0.021	0 %100
303	M299	X	-0.041	-0.041	0 %100
304	M299	Z	-0.071	-0.071	0 %100
305	M300	X	-0.041	-0.041	0 %100
306	M300	Z	-0.07	-0.07	0 %100
307	M301	X	-0.041	-0.041	0 %100
308	M301	Z	-0.071	-0.071	0 %100
309	M302	X	-0.041	-0.041	0 %100
310	M302	Z	-0.07	-0.07	0 %100
311	M303	X	-0.073	-0.073	0 %100
312	M303	Z	-0.127	-0.127	0 %100
313	M304	X	-0.1	-0.1	0 %100
314	M304	Z	-0.173	-0.173	0 %100
315	M305	X	-0.074	-0.074	0 %100
316	M305	Z	-0.129	-0.129	0 %100
317	M306	X	-0.1	-0.1	0 %100
318	M306	Z	-0.173	-0.173	0 %100
319	M307A	X	-0.016	-0.016	0 %100
320	M307A	Z	-0.028	-0.028	0 %100
321	M308A	X	-0.016	-0.016	0 %100
322	M308A	Z	-0.028	-0.028	0 %100
323	M313A	X	-0.038	-0.038	0 %100
324	M313A	Z	-0.066	-0.066	0 %100
325	M314A	X	-0.016	-0.016	0 %100
326	M314A	Z	-0.027	-0.027	0 %100
327	M315A	X	-0.039	-0.039	0 %100
328	M315A	Z	-0.067	-0.067	0 %100
329	M316A	X	-0.041	-0.041	0 %100
330	M316A	Z	-0.072	-0.072	0 %100
331	M317A	X	-0.016	-0.016	0 %100
332	M317A	Z	-0.027	-0.027	0 %100
333	M318A	X	-0.039	-0.039	0 %100
334	M318A	Z	-0.067	-0.067	0 %100
335	M319A	X	-0.041	-0.041	0 %100
336	M319A	Z	-0.071	-0.071	0 %100
337	M320A	X	-0.038	-0.038	0 %100
338	M320A	Z	-0.065	-0.065	0 %100
339	M321A	X	-0.046	-0.046	0 %100
340	M321A	Z	-0.079	-0.079	0 %100
341	M322A	X	-0.039	-0.039	0 %100
342	M322A	Z	-0.068	-0.068	0 %100
343	M327	X	0	0	0 %100
344	M327	Z	0	0	0 %100
345	MP1C	X	-0.365	-0.365	0 %100
346	MP1C	Z	-0.632	-0.632	0 %100
347	MP2C	X	-0.365	-0.365	0 %100
348	MP2C	Z	-0.632	-0.632	0 %100
349	MP3C	X	-0.365	-0.365	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.%]	
350	MP3C	Z	-.632	-.632	0	%100
351	MP4C	X	-.365	-.365	0	%100
352	MP4C	Z	-.632	-.632	0	%100
353	M336A	X	0	0	0	%100
354	M336A	Z	0	0	0	%100
355	M342	X	-.274	-.274	0	%100
356	M342	Z	-.474	-.474	0	%100
357	MP1B	X	-.365	-.365	0	%100
358	MP1B	Z	-.632	-.632	0	%100
359	MP2B	X	-.365	-.365	0	%100
360	MP2B	Z	-.632	-.632	0	%100
361	MP3B	X	-.365	-.365	0	%100
362	MP3B	Z	-.632	-.632	0	%100
363	MP4B	X	-.365	-.365	0	%100
364	MP4B	Z	-.632	-.632	0	%100
365	M351	X	-.226	-.226	0	%100
366	M351	Z	-.391	-.391	0	%100
367	M356	X	-.221	-.221	0	%100
368	M356	Z	-.382	-.382	0	%100
369	M359	X	0	0	0	%100
370	M359	Z	0	0	0	%100
371	M360	X	-.311	-.311	0	%100
372	M360	Z	-.538	-.538	0	%100
373	M361	X	-.31	-.31	0	%100
374	M361	Z	-.538	-.538	0	%100
375	M364	X	-.199	-.199	0	%100
376	M364	Z	-.345	-.345	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]	
1	M118A	Y	-.631	-.631	.005	.167
2	M119A	Y	-1.405	-.631	0	.167
3	M121	Y	-4.838	-1.895	0	.095
4	M121	Y	-1.895	-.856	.095	.19
5	M121	Y	-.856	-1.718	.19	.285
6	M122A	Y	-.988	-1.268	0	.095
7	M122A	Y	-1.268	-.925	.095	.189
8	M122A	Y	-.925	-.083	.189	.284
9	M124A	Y	-.493	-.493	0	.167
10	M126A	Y	-.63	-.63	.005	.167
11	M127A	Y	-1.412	-.63	0	.167
12	M129A	Y	-6.961	-2.505	0	.095
13	M129A	Y	-2.505	-.521	.095	.19
14	M129A	Y	-.521	-1.009	.19	.285
15	M130A	Y	-1.342	-1.306	0	.095
16	M130A	Y	-1.306	-.844	.095	.189
17	M130A	Y	-.844	-.055	.189	.284
18	M132A	Y	-.493	-.493	0	.167
19	M138	Y	-1.749	-.985	0	.583
20	M138	Y	-.985	-1.211	.583	1.166
21	M138	Y	-1.211	-1.574	1.166	1.749
22	M138	Y	-1.574	-.853	1.749	2.332
23	M138	Y	-.853	.0005442	2.332	2.914
24	M139	Y	-1.758	-.992	0	.583
25	M139	Y	-.992	-1.299	.583	1.166
26	M139	Y	-1.299	-1.692	1.166	1.749



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]	
27	M139	Y	-1.692	- .917	1.749	2.332
28	M139	Y	-.917	-.005	2.332	2.914
29	M142	Y	-.551	-1.328	0	.594
30	M142	Y	-1.328	-2.813	.594	1.188
31	M142	Y	-2.813	-2.474	1.188	1.783
32	M142	Y	-2.474	-.538	1.783	2.377
33	M142	Y	-.538	-.039	2.377	2.971
34	M145	Y	-2.018	-3.051	0	.332
35	M145	Y	-3.051	-3.443	.332	.664
36	M145	Y	-3.443	-2.805	.664	.995
37	M145	Y	-2.805	-1.976	.995	1.327
38	M145	Y	-1.976	-1.342	1.327	1.659
39	M147	Y	-3.517	-2.544	0	.117
40	M147	Y	-2.544	-3.523	.117	.233
41	M147	Y	-3.523	-4.268	.233	.35
42	M147	Y	-4.268	-2.997	.35	.467
43	M147	Y	-2.997	-1.896	.467	.583
44	M148	Y	-2.181	-3.01	0	.332
45	M148	Y	-3.01	-3.055	.332	.664
46	M148	Y	-3.055	-2.509	.664	.995
47	M148	Y	-2.509	-1.984	.995	1.327
48	M148	Y	-1.984	-1.289	1.327	1.659
49	M150	Y	-4.479	-3.168	0	.117
50	M150	Y	-3.168	-3.761	.117	.233
51	M150	Y	-3.761	-4.336	.233	.35
52	M150	Y	-4.336	-2.695	.35	.467
53	M150	Y	-2.695	-.76	.467	.583
54	M140	Y	-1.816	-1.816	1.736	2.219
55	M141	Y	-1.816	-1.816	1.736	2.219
56	M142	Y	-4.35	-4.35	2.229	2.834
57	M143	Y	-1.452	-1.452	0	.604
58	M144	Y	-1.452	-1.452	0	.604
59	M145	Y	-1.7	-1.7	.112	1.659
60	M146	Y	-1.797	-1.797	.391	1.124
61	M148	Y	-1.7	-1.7	.112	1.659
62	M149	Y	-1.797	-1.797	.391	1.124
63	M120	Y	-.45	-1.797	0	.167
64	M123A	Y	-.799	-2.219	0	.071
65	M123A	Y	-2.219	-2.434	.071	.142
66	M123A	Y	-2.434	-1.338	.142	.213
67	M123A	Y	-1.338	-.161	.213	.285
68	M125A	Y	-.478	-.478	0	.167
69	M128A	Y	-1.768	-.478	0	.167
70	M131A	Y	-.799	-2.243	0	.071
71	M131A	Y	-2.243	-2.462	.071	.142
72	M131A	Y	-2.462	-1.344	.142	.213
73	M131A	Y	-1.344	-.161	.213	.285
74	M133A	Y	-.478	-.478	0	.167
75	M140	Y	-1.557	-1.327	0	.477
76	M140	Y	-1.327	-.931	.477	.954
77	M140	Y	-.931	-.762	.954	1.431
78	M140	Y	-.762	-.814	1.431	1.909
79	M140	Y	-.814	-.695	1.909	2.386
80	M141	Y	-1.555	-1.326	0	.477
81	M141	Y	-1.326	-.932	.477	.954
82	M141	Y	-.932	-.772	.954	1.431
83	M141	Y	-.772	-.82	1.431	1.909



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
84	M141	Y	-.82	-.672	1.909	2.386
85	M142	Y	-.032	-.426	2.122	2.547
86	M142	Y	-.426	-.867	2.547	2.971
87	M142	Y	-.867	-1.84	2.971	3.395
88	M142	Y	-1.84	-1.557	3.395	3.82
89	M142	Y	-1.557	-.032	3.82	4.244
90	M146	Y	-1.994	-3.465	0	.225
91	M146	Y	-3.465	-3.208	.225	.45
92	M146	Y	-3.208	-2.733	.45	.674
93	M146	Y	-2.733	-3.093	.674	.899
94	M146	Y	-3.093	-2.776	.899	1.124
95	M149	Y	-1.981	-3.459	0	.225
96	M149	Y	-3.459	-3.205	.225	.45
97	M149	Y	-3.205	-2.732	.45	.674
98	M149	Y	-2.732	-3.091	.674	.899
99	M149	Y	-3.091	-2.774	.899	1.124
100	M99	Y	-.631	-.631	.005	.167
101	M100	Y	-1.405	-.631	0	.167
102	M102	Y	-5.82	-2.184	0	.095
103	M102	Y	-2.184	-.798	.095	.19
104	M102	Y	-.798	-1.66	.19	.285
105	M103	Y	-.988	-1.268	0	.095
106	M103	Y	-1.268	-.925	.095	.189
107	M103	Y	-.925	-.083	.189	.284
108	M105	Y	-.493	-.493	0	.167
109	M108	Y	-.63	-.63	.005	.167
110	M109	Y	-1.412	-.63	0	.167
111	M111	Y	-6.961	-2.505	0	.095
112	M111	Y	-2.505	-.521	.095	.19
113	M111	Y	-.521	-1.009	.19	.285
114	M112	Y	-1.342	-1.306	0	.095
115	M112	Y	-1.306	-.844	.095	.189
116	M112	Y	-.844	-.055	.189	.284
117	M114	Y	-.493	-.493	0	.167
118	M122	Y	-1.749	-.985	0	.583
119	M122	Y	-.985	-1.211	.583	1.166
120	M122	Y	-1.211	-1.574	1.166	1.749
121	M122	Y	-1.574	-.853	1.749	2.332
122	M122	Y	-.853	.0005442	2.332	2.914
123	M123	Y	-1.758	-.992	0	.583
124	M123	Y	-.992	-1.299	.583	1.166
125	M123	Y	-1.299	-1.692	1.166	1.749
126	M123	Y	-1.692	-.917	1.749	2.332
127	M123	Y	-.917	-.005	2.332	2.914
128	M126	Y	-.551	-1.328	0	.594
129	M126	Y	-1.328	-2.813	.594	1.188
130	M126	Y	-2.813	-2.474	1.188	1.783
131	M126	Y	-2.474	-.538	1.783	2.377
132	M126	Y	-.538	-.039	2.377	2.971
133	M129	Y	-2.018	-3.051	0	.332
134	M129	Y	-3.051	-3.443	.332	.664
135	M129	Y	-3.443	-2.805	.664	.995
136	M129	Y	-2.805	-1.976	.995	1.327
137	M129	Y	-1.976	-1.342	1.327	1.659
138	M131	Y	-3.546	-2.572	0	.117
139	M131	Y	-2.572	-3.551	.117	.233
140	M131	Y	-3.551	-4.296	.233	.35



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
141	M131	-4.296	-2.743	.35	.467
142	M131	-2.743	-1.079	.467	.583
143	M132	-2.181	-3.01	0	.332
144	M132	-3.01	-3.055	.332	.664
145	M132	-3.055	-2.509	.664	.995
146	M132	-2.509	-1.984	.995	1.327
147	M132	-1.984	-1.289	1.327	1.659
148	M134	-4.479	-3.168	0	.117
149	M134	-3.168	-3.761	.117	.233
150	M134	-3.761	-4.336	.233	.35
151	M134	-4.336	-2.695	.35	.467
152	M134	-2.695	-.76	.467	.583
153	M124	-1.816	-1.816	1.736	2.219
154	M125	-1.816	-1.816	1.736	2.219
155	M126	-4.35	-4.35	2.229	2.834
156	M127	-1.452	-1.452	0	.604
157	M128	-1.452	-1.452	0	.604
158	M129	-1.7	-1.7	.112	1.659
159	M130	-1.797	-1.797	.391	1.124
160	M132	-1.7	-1.7	.112	1.659
161	M133	-1.797	-1.797	.391	1.124
162	M101	-.449	-1.797	0	.167
163	M104	-.809	-2.242	0	.071
164	M104	-2.242	-2.447	.071	.142
165	M104	-2.447	-1.332	.142	.213
166	M104	-1.332	-.16	.213	.285
167	M106	-.478	-.478	0	.167
168	M110	-1.769	-.478	0	.167
169	M113	-.8	-2.224	0	.071
170	M113	-2.224	-2.439	.071	.142
171	M113	-2.439	-1.341	.142	.213
172	M113	-1.341	-.161	.213	.285
173	M115	-.478	-.478	0	.167
174	M124	-1.556	-1.327	0	.477
175	M124	-1.327	-.933	.477	.954
176	M124	-.933	-.778	.954	1.431
177	M124	-.778	-.82	1.431	1.909
178	M124	-.82	-.651	1.909	2.386
179	M125	-1.558	-1.328	0	.477
180	M125	-1.328	-.932	.477	.954
181	M125	-.932	-.768	.954	1.431
182	M125	-.768	-.817	1.431	1.909
183	M125	-.817	-.681	1.909	2.386
184	M126	-.032	-.426	2.122	2.547
185	M126	-.426	-.867	2.547	2.971
186	M126	-.867	-1.84	2.971	3.395
187	M126	-1.84	-1.557	3.395	3.82
188	M126	-1.557	-.032	3.82	4.244
189	M130	-1.981	-3.459	0	.225
190	M130	-3.459	-3.205	.225	.45
191	M130	-3.205	-2.732	.45	.674
192	M130	-2.732	-3.091	.674	.899
193	M130	-3.091	-2.774	.899	1.124
194	M133	-1.994	-3.465	0	.225
195	M133	-3.465	-3.208	.225	.45
196	M133	-3.208	-2.733	.45	.674
197	M133	-2.733	-3.093	.674	.899



Company : Maser Consulting  
 Designer : AE  
 Job Number : 21777005A  
 Model Name : Antenna Mount Analysis

Mar 25, 2021  
 8:59 AM  
 Checked By: DX

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]	
198	M133	Y	-3.093	-2.776	.899	1.124
199	M221	Y	-.631	-.631	.005	.167
200	M222	Y	-1.405	-.631	0	.167
201	M224	Y	-5.82	-2.184	0	.095
202	M224	Y	-2.184	-.798	.095	.19
203	M224	Y	-.798	-1.66	.19	.285
204	M225	Y	-.988	-1.268	0	.095
205	M225	Y	-1.268	-.925	.095	.189
206	M225	Y	-.925	-.083	.189	.284
207	M227	Y	-.493	-.493	0	.167
208	M229	Y	-.63	-.63	.005	.167
209	M230	Y	-1.412	-.63	0	.167
210	M232	Y	-6.961	-2.505	0	.095
211	M232	Y	-2.505	-.521	.095	.19
212	M232	Y	-.521	-1.009	.19	.285
213	M233	Y	-1.342	-1.306	0	.095
214	M233	Y	-1.306	-.844	.095	.189
215	M233	Y	-.844	-.055	.189	.284
216	M235	Y	-.493	-.493	0	.167
217	M241	Y	-1.749	-.985	0	.583
218	M241	Y	-.985	-1.211	.583	1.166
219	M241	Y	-1.211	-1.574	1.166	1.749
220	M241	Y	-1.574	-.853	1.749	2.332
221	M241	Y	-.853	.0005442	2.332	2.914
222	M242	Y	-1.758	-.992	0	.583
223	M242	Y	-.992	-1.299	.583	1.166
224	M242	Y	-1.299	-1.692	1.166	1.749
225	M242	Y	-1.692	-.917	1.749	2.332
226	M242	Y	-.917	-.005	2.332	2.914
227	M245	Y	-.551	-1.328	0	.594
228	M245	Y	-1.328	-2.813	.594	1.188
229	M245	Y	-2.813	-2.474	1.188	1.783
230	M245	Y	-2.474	-.538	1.783	2.377
231	M245	Y	-.538	-.039	2.377	2.971
232	M248	Y	-2.018	-3.051	0	.332
233	M248	Y	-3.051	-3.443	.332	.664
234	M248	Y	-3.443	-2.805	.664	.995
235	M248	Y	-2.805	-1.976	.995	1.327
236	M248	Y	-1.976	-1.342	1.327	1.659
237	M250	Y	-3.546	-2.572	0	.117
238	M250	Y	-2.572	-3.551	.117	.233
239	M250	Y	-3.551	-4.296	.233	.35
240	M250	Y	-4.296	-2.743	.35	.467
241	M250	Y	-2.743	-1.079	.467	.583
242	M251	Y	-2.181	-3.01	0	.332
243	M251	Y	-3.01	-3.055	.332	.664
244	M251	Y	-3.055	-2.509	.664	.995
245	M251	Y	-2.509	-1.984	.995	1.327
246	M251	Y	-1.984	-1.289	1.327	1.659
247	M253	Y	-4.479	-3.168	0	.117
248	M253	Y	-3.168	-3.761	.117	.233
249	M253	Y	-3.761	-4.336	.233	.35
250	M253	Y	-4.336	-2.695	.35	.467
251	M253	Y	-2.695	-.76	.467	.583
252	M243	Y	-1.816	-1.816	1.736	2.219
253	M244	Y	-1.816	-1.816	1.736	2.219
254	M245	Y	-4.35	-4.35	2.229	2.834



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
255	M246	Y	-1.452	-1.452	0 .604
256	M247	Y	-1.452	-1.452	0 .604
257	M248	Y	-1.7	-1.7	.112 1.659
258	M249	Y	-1.797	-1.797	.391 1.124
259	M251	Y	-1.7	-1.7	.112 1.659
260	M252	Y	-1.797	-1.797	.391 1.124
261	M223	Y	-.449	-1.797	0 .167
262	M226	Y	-.793	-2.242	0 .071
263	M226	Y	-2.242	-2.458	.071 .142
264	M226	Y	-2.458	-1.339	.142 .213
265	M226	Y	-1.339	-.161	.213 .285
266	M228	Y	-.478	-.478	0 .167
267	M231	Y	-1.769	-.478	0 .167
268	M234	Y	-.791	-2.221	0 .071
269	M234	Y	-2.221	-2.441	.071 .142
270	M234	Y	-2.441	-1.347	.142 .213
271	M234	Y	-1.347	-.162	.213 .285
272	M236	Y	-.478	-.478	0 .167
273	M243	Y	-1.556	-1.327	0 .477
274	M243	Y	-1.327	-.932	.477 .954
275	M243	Y	-.932	-.777	.954 1.431
276	M243	Y	-.777	-.82	1.431 1.909
277	M243	Y	-.82	-.655	1.909 2.386
278	M244	Y	-1.559	-1.328	0 .477
279	M244	Y	-1.328	-.932	.477 .954
280	M244	Y	-.932	-.77	.954 1.431
281	M244	Y	-.77	-.817	1.431 1.909
282	M244	Y	-.817	-.671	1.909 2.386
283	M245	Y	-.032	-.426	2.122 2.547
284	M245	Y	-.426	-.867	2.547 2.971
285	M245	Y	-.867	-1.84	2.971 3.395
286	M245	Y	-1.84	-1.557	3.395 3.82
287	M245	Y	-1.557	-.032	3.82 4.244
288	M249	Y	-1.981	-3.459	0 .225
289	M249	Y	-3.459	-3.205	.225 .45
290	M249	Y	-3.205	-2.732	.45 .674
291	M249	Y	-2.732	-3.091	.674 .899
292	M249	Y	-3.091	-2.774	.899 1.124
293	M252	Y	-1.994	-3.465	0 .225
294	M252	Y	-3.465	-3.208	.225 .45
295	M252	Y	-3.208	-2.733	.45 .674
296	M252	Y	-2.733	-3.093	.674 .899
297	M252	Y	-3.093	-2.776	.899 1.124
298	M124	Y	-15.958	-15.958	.719 2.386
299	M141	Y	-15.958	-15.958	.719 2.386
300	M125	Y	-15.958	-15.958	.719 2.386
301	M243	Y	-15.958	-15.958	.719 2.386
302	M140	Y	-15.958	-15.958	.719 2.155
303	M244	Y	-15.958	-15.958	.719 2.155

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M118A	Y	-1.524	-1.524	.005 .167
2	M119A	Y	-3.394	-1.524	0 .167
3	M121	Y	-11.685	-4.578	0 .095
4	M121	Y	-4.578	-2.066	.095 .19







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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
62	M149	Y	-4.34	-4.34	.391	1.124
63	M120	Y	-1.088	-4.34	0	.167
64	M123A	Y	-1.929	-5.36	0	.071
65	M123A	Y	-5.36	-5.879	.071	.142
66	M123A	Y	-5.879	-3.232	.142	.213
67	M123A	Y	-3.232	-.389	.213	.285
68	M125A	Y	-1.154	-1.154	0	.167
69	M128A	Y	-4.27	-1.154	0	.167
70	M131A	Y	-1.93	-5.418	0	.071
71	M131A	Y	-5.418	-5.947	.071	.142
72	M131A	Y	-5.947	-3.245	.142	.213
73	M131A	Y	-3.245	-.389	.213	.285
74	M133A	Y	-1.154	-1.154	0	.167
75	M140	Y	-3.761	-3.205	0	.477
76	M140	Y	-3.205	-2.248	.477	.954
77	M140	Y	-2.248	-1.84	.954	1.431
78	M140	Y	-1.84	-1.967	1.431	1.909
79	M140	Y	-1.967	-1.679	1.909	2.386
80	M141	Y	-3.755	-3.203	0	.477
81	M141	Y	-3.203	-2.25	.477	.954
82	M141	Y	-2.25	-1.865	.954	1.431
83	M141	Y	-1.865	-1.98	1.431	1.909
84	M141	Y	-1.98	-1.623	1.909	2.386
85	M142	Y	-.077	-1.028	2.122	2.547
86	M142	Y	-1.028	-2.094	2.547	2.971
87	M142	Y	-2.094	-4.444	2.971	3.395
88	M142	Y	-4.444	-3.761	3.395	3.82
89	M142	Y	-3.761	-.077	3.82	4.244
90	M146	Y	-4.815	-8.369	0	.225
91	M146	Y	-8.369	-7.748	.225	.45
92	M146	Y	-7.748	-6.601	.45	.674
93	M146	Y	-6.601	-7.469	.674	.899
94	M146	Y	-7.469	-6.705	.899	1.124
95	M149	Y	-4.785	-8.353	0	.225
96	M149	Y	-8.353	-7.742	.225	.45
97	M149	Y	-7.742	-6.598	.45	.674
98	M149	Y	-6.598	-7.466	.674	.899
99	M149	Y	-7.466	-6.699	.899	1.124
100	M99	Y	-1.524	-1.524	.005	.167
101	M100	Y	-3.394	-1.524	0	.167
102	M102	Y	-14.056	-5.275	0	.095
103	M102	Y	-5.275	-1.927	.095	.19
104	M102	Y	-1.927	-4.01	.19	.285
105	M103	Y	-2.385	-3.061	0	.095
106	M103	Y	-3.061	-2.235	.095	.189
107	M103	Y	-2.235	-.201	.189	.284
108	M105	Y	-1.191	-1.191	0	.167
109	M108	Y	-1.521	-1.521	.005	.167
110	M109	Y	-3.411	-1.521	0	.167
111	M111	Y	-16.812	-6.051	0	.095
112	M111	Y	-6.051	-1.259	.095	.19
113	M111	Y	-1.259	-2.438	.19	.285
114	M112	Y	-3.242	-3.154	0	.095
115	M112	Y	-3.154	-2.038	.095	.189
116	M112	Y	-2.038	-.132	.189	.284
117	M114	Y	-1.191	-1.191	0	.167
118	M122	Y	-4.224	-2.379	0	.583



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
119	M122	Y	-2.379	-2.924	.583 1.166
120	M122	Y	-2.924	-3.803	1.166 1.749
121	M122	Y	-3.803	-2.06	1.749 2.332
122	M122	Y	-2.06	.001	2.332 2.914
123	M123	Y	-4.247	-2.395	0 .583
124	M123	Y	-2.395	-3.138	.583 1.166
125	M123	Y	-3.138	-4.086	1.166 1.749
126	M123	Y	-4.086	-2.215	1.749 2.332
127	M123	Y	-2.215	-.013	2.332 2.914
128	M126	Y	-1.331	-3.207	0 .594
129	M126	Y	-3.207	-6.795	.594 1.188
130	M126	Y	-6.795	-5.974	1.188 1.783
131	M126	Y	-5.974	-1.3	1.783 2.377
132	M126	Y	-1.3	-.094	2.377 2.971
133	M129	Y	-4.874	-7.37	0 .332
134	M129	Y	-7.37	-8.314	.332 .664
135	M129	Y	-8.314	-6.775	.664 .995
136	M129	Y	-6.775	-4.773	.995 1.327
137	M129	Y	-4.773	-3.241	1.327 1.659
138	M131	Y	-8.563	-6.212	0 .117
139	M131	Y	-6.212	-8.577	.117 .233
140	M131	Y	-8.577	-10.377	.233 .35
141	M131	Y	-10.377	-6.625	.35 .467
142	M131	Y	-6.625	-2.605	.467 .583
143	M132	Y	-5.267	-7.269	0 .332
144	M132	Y	-7.269	-7.378	.332 .664
145	M132	Y	-7.378	-6.06	.664 .995
146	M132	Y	-6.06	-4.792	.995 1.327
147	M132	Y	-4.792	-3.112	1.327 1.659
148	M134	Y	-10.817	-7.653	0 .117
149	M134	Y	-7.653	-9.085	.117 .233
150	M134	Y	-9.085	-10.472	.233 .35
151	M134	Y	-10.472	-6.509	.35 .467
152	M134	Y	-6.509	-1.835	.467 .583
153	M124	Y	-4.387	-4.387	1.736 2.219
154	M125	Y	-4.387	-4.387	1.736 2.219
155	M126	Y	-10.506	-10.506	2.229 2.834
156	M127	Y	-3.508	-3.508	0 .604
157	M128	Y	-3.508	-3.508	0 .604
158	M129	Y	-4.106	-4.106	.112 1.659
159	M130	Y	-4.34	-4.34	.391 1.124
160	M132	Y	-4.106	-4.106	.112 1.659
161	M133	Y	-4.34	-4.34	.391 1.124
162	M101	Y	-1.084	-4.34	0 .167
163	M104	Y	-1.954	-5.415	0 .071
164	M104	Y	-5.415	-5.911	.071 .142
165	M104	Y	-5.911	-3.216	.142 .213
166	M104	Y	-3.216	-.388	.213 .285
167	M106	Y	-1.154	-1.154	0 .167
168	M110	Y	-4.273	-1.154	0 .167
169	M113	Y	-1.933	-5.372	0 .071
170	M113	Y	-5.372	-5.89	.071 .142
171	M113	Y	-5.89	-3.238	.142 .213
172	M113	Y	-3.238	-.39	.213 .285
173	M115	Y	-1.154	-1.154	0 .167
174	M124	Y	-3.758	-3.206	0 .477
175	M124	Y	-3.206	-2.252	.477 .954



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]	
176	M124	Y	-2.252	-1.88	.954	1.431
177	M124	Y	-1.88	-1.98	1.431	1.909
178	M124	Y	-1.98	-1.572	1.909	2.386
179	M125	Y	-3.763	-3.207	0	.477
180	M125	Y	-3.207	-2.25	.477	.954
181	M125	Y	-2.25	-1.854	.954	1.431
182	M125	Y	-1.854	-1.973	1.431	1.909
183	M125	Y	-1.973	-1.646	1.909	2.386
184	M126	Y	-.077	-1.028	2.122	2.547
185	M126	Y	-1.028	-2.094	2.547	2.971
186	M126	Y	-2.094	-4.444	2.971	3.395
187	M126	Y	-4.444	-3.761	3.395	3.82
188	M126	Y	-3.761	-.077	3.82	4.244
189	M130	Y	-4.785	-8.353	0	.225
190	M130	Y	-8.353	-7.742	.225	.45
191	M130	Y	-7.742	-6.598	.45	.674
192	M130	Y	-6.598	-7.466	.674	.899
193	M130	Y	-7.466	-6.699	.899	1.124
194	M133	Y	-4.815	-8.369	0	.225
195	M133	Y	-8.369	-7.748	.225	.45
196	M133	Y	-7.748	-6.601	.45	.674
197	M133	Y	-6.601	-7.469	.674	.899
198	M133	Y	-7.469	-6.705	.899	1.124
199	M221	Y	-1.524	-1.524	.005	.167
200	M222	Y	-3.394	-1.524	0	.167
201	M224	Y	-14.056	-5.275	0	.095
202	M224	Y	-5.275	-1.927	.095	.19
203	M224	Y	-1.927	-4.01	.19	.285
204	M225	Y	-2.385	-3.061	0	.095
205	M225	Y	-3.061	-2.235	.095	.189
206	M225	Y	-2.235	-.201	.189	.284
207	M227	Y	-1.191	-1.191	0	.167
208	M229	Y	-1.521	-1.521	.005	.167
209	M230	Y	-3.411	-1.521	0	.167
210	M232	Y	-16.812	-6.051	0	.095
211	M232	Y	-6.051	-1.259	.095	.19
212	M232	Y	-1.259	-2.438	.19	.285
213	M233	Y	-3.242	-3.154	0	.095
214	M233	Y	-3.154	-2.038	.095	.189
215	M233	Y	-2.038	-.132	.189	.284
216	M235	Y	-1.191	-1.191	0	.167
217	M241	Y	-4.224	-2.379	0	.583
218	M241	Y	-2.379	-2.924	.583	1.166
219	M241	Y	-2.924	-3.803	1.166	1.749
220	M241	Y	-3.803	-2.06	1.749	2.332
221	M241	Y	-2.06	.001	2.332	2.914
222	M242	Y	-4.247	-2.395	0	.583
223	M242	Y	-2.395	-3.138	.583	1.166
224	M242	Y	-3.138	-4.086	1.166	1.749
225	M242	Y	-4.086	-2.215	1.749	2.332
226	M242	Y	-2.215	-.013	2.332	2.914
227	M245	Y	-1.331	-3.207	0	.594
228	M245	Y	-3.207	-6.795	.594	1.188
229	M245	Y	-6.795	-5.974	1.188	1.783
230	M245	Y	-5.974	-1.3	1.783	2.377
231	M245	Y	-1.3	-.094	2.377	2.971
232	M248	Y	-4.874	-7.37	0	.332



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
233	M248	Y	-7.37	-8.314	.332 .664
234	M248	Y	-8.314	-6.775	.664 .995
235	M248	Y	-6.775	-4.773	.995 1.327
236	M248	Y	-4.773	-3.241	1.327 1.659
237	M250	Y	-8.563	-6.212	0 .117
238	M250	Y	-6.212	-8.577	.117 .233
239	M250	Y	-8.577	-10.377	.233 .35
240	M250	Y	-10.377	-6.625	.35 .467
241	M250	Y	-6.625	-2.605	.467 .583
242	M251	Y	-5.267	-7.269	0 .332
243	M251	Y	-7.269	-7.378	.332 .664
244	M251	Y	-7.378	-6.06	.664 .995
245	M251	Y	-6.06	-4.792	.995 1.327
246	M251	Y	-4.792	-3.112	1.327 1.659
247	M253	Y	-10.817	-7.653	0 .117
248	M253	Y	-7.653	-9.085	.117 .233
249	M253	Y	-9.085	-10.472	.233 .35
250	M253	Y	-10.472	-6.509	.35 .467
251	M253	Y	-6.509	-1.835	.467 .583
252	M243	Y	-4.387	-4.387	1.736 2.219
253	M244	Y	-4.387	-4.387	1.736 2.219
254	M245	Y	-10.506	-10.506	2.229 2.834
255	M246	Y	-3.508	-3.508	0 .604
256	M247	Y	-3.508	-3.508	0 .604
257	M248	Y	-4.106	-4.106	.112 1.659
258	M249	Y	-4.34	-4.34	.391 1.124
259	M251	Y	-4.106	-4.106	.112 1.659
260	M252	Y	-4.34	-4.34	.391 1.124
261	M223	Y	-1.084	-4.34	0 .167
262	M226	Y	-1.914	-5.415	0 .071
263	M226	Y	-5.415	-5.937	.071 .142
264	M226	Y	-5.937	-3.234	.142 .213
265	M226	Y	-3.234	-.39	.213 .285
266	M228	Y	-1.154	-1.154	0 .167
267	M231	Y	-4.273	-1.154	0 .167
268	M234	Y	-1.911	-5.363	0 .071
269	M234	Y	-5.363	-5.896	.071 .142
270	M234	Y	-5.896	-3.252	.142 .213
271	M234	Y	-3.252	-.392	.213 .285
272	M236	Y	-1.154	-1.154	0 .167
273	M243	Y	-3.757	-3.205	0 .477
274	M243	Y	-3.205	-2.252	.477 .954
275	M243	Y	-2.252	-1.876	.954 1.431
276	M243	Y	-1.876	-1.979	1.431 1.909
277	M243	Y	-1.979	-1.581	1.909 2.386
278	M244	Y	-3.764	-3.208	0 .477
279	M244	Y	-3.208	-2.251	.477 .954
280	M244	Y	-2.251	-1.86	.954 1.431
281	M244	Y	-1.86	-1.973	1.431 1.909
282	M244	Y	-1.973	-1.621	1.909 2.386
283	M245	Y	-.077	-1.028	2.122 2.547
284	M245	Y	-1.028	-2.094	2.547 2.971
285	M245	Y	-2.094	-4.444	2.971 3.395
286	M245	Y	-4.444	-3.761	3.395 3.82
287	M245	Y	-3.761	-.077	3.82 4.244
288	M249	Y	-4.785	-8.353	0 .225
289	M249	Y	-8.353	-7.742	.225 .45

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
290	M249	Y	-7.742	-6.598	.45	.674
291	M249	Y	-6.598	-7.466	.674	.899
292	M249	Y	-7.466	-6.699	.899	1.124
293	M252	Y	-4.815	-8.369	0	.225
294	M252	Y	-8.369	-7.748	.225	.45
295	M252	Y	-7.748	-6.601	.45	.674
296	M252	Y	-6.601	-7.469	.674	.899
297	M252	Y	-7.469	-6.705	.899	1.124
298	M124	Y	-38.543	-38.543	.719	2.386
299	M141	Y	-38.543	-38.543	.719	2.386
300	M125	Y	-38.543	-38.543	.719	2.386
301	M243	Y	-38.543	-38.543	.719	2.386
302	M140	Y	-38.542	-38.542	.719	2.155
303	M244	Y	-38.542	-38.542	.719	2.155

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N153	N152A	N140A	N141A	Y	Two Way	-.005
2	N141A	N153	N156	N157	Y	Two Way	-.005
3	N157	N156	N154	N142A	Y	Two Way	-.005
4	N147	N146	N134	N135	Y	Two Way	-.005
5	N135	N151	N150	N147	Y	Two Way	-.005
6	N151	N136	N148	N150	Y	Two Way	-.005
7	N248	N247	N235	N236	Y	Two Way	-.005
8	N251	N248	N236	N252	Y	Two Way	-.005
9	N249	N251	N252	N237	Y	Two Way	-.005
10	N157	N150	N312A	N216	Y	Two Way	-.005
11	N313	N151	N251	N310	Y	Two Way	-.005
12	N260A	N159	N215	N311	Y	Two Way	-.005

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N153	N152A	N140A	N141A	Y	Two Way	-.013
2	N141A	N153	N156	N157	Y	Two Way	-.013
3	N157	N156	N154	N142A	Y	Two Way	-.013
4	N147	N146	N134	N135	Y	Two Way	-.013
5	N135	N151	N150	N147	Y	Two Way	-.013
6	N151	N136	N148	N150	Y	Two Way	-.013
7	N248	N247	N235	N236	Y	Two Way	-.013
8	N251	N248	N236	N252	Y	Two Way	-.013
9	N249	N251	N252	N237	Y	Two Way	-.013
10	N157	N150	N312A	N216	Y	Two Way	-.013
11	N313	N151	N251	N310	Y	Two Way	-.013
12	N260A	N159	N215	N311	Y	Two Way	-.013

**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	N302A	max	1505.562	10	3491.997	13	14156.1...	13	.051	7	2.052	4	.024	4
2		min	-1526.582	4	-197.696	7	-5268.996	7	-.152	13	-2.039	10	-.023	10
3	N303A	max	163.832	3	132.888	13	2567.214	7	.025	7	.384	12	.01	4
4		min	-152.689	11	-2.714	7	-14855.2...	13	-.108	13	-.4	2	-.01	10
5	N207	max	12190.0...	21	3504.006	21	2731.569	3	.077	10	2.071	12	.132	21
6		min	-4522.785	3	-195.736	3	-7087.223	21	-.03	4	-2.062	6	-.045	3



**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	
7	N208	max 2233.001	3	133.352	21	7435.399	21	.053	21	.393	8	.093	21
8		min -12803.0...	21	-2.645	3	-1294.563	3	-.012	3	-.389	10	-.022	3
9	N302	max 4955.201	11	3672.94	17	2734.584	11	.164	2	2.137	8	.108	12
10		min -12370.7...	5	-137.838	11	-7115.092	17	-.125	8	-2.116	2	-.179	6
11	N303	max 12860.4...	17	137.431	17	7449.301	17	.053	17	.381	4	.02	11
12		min -2437.901	11	-15.025	11	-1398.432	11	-.012	11	-.427	6	-.092	17
13	Totals:	max 5151.807	10	9974.883	24	5176.454	1						
14		min -5151.812	4	3606.898	5	-5176.456	7						

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

Member	Shape	Code Check	Loc[ft]	LC	Shear C...	Lo...	Dir	LC	phi*Pn...	phi*...	phi*...	phi*...	Eqn
1	M122	L3X3X6	.212	0	2	.376	1...	z	4	65968...	66465	2.243	5.174 ... H2-1
2	M123	L3X3X6	.210	.844	3	.361	1...	z	4	65968...	66465	2.243	5.174 ... H2-1
3	M124	L3X3X6	.675	2.135	5	.152	2...	z	10	66294...	66465	2.243	5.174 ... H2-1
4	M125	L3X3X6	.625	2.135	9	.156	2...	y	4	66294...	66465	2.243	5.174 ... H2-1
5	M126	HSS4X3X4	.159	4.021	12	.120	1.34	z	3	83040...	91665	8.19	10.001 ... H1-...
6	M127	L3X3X6	.088	.605	5	.080	0	y	2	66240...	66465	2.243	5.174 ... H2-1
7	M128	L3X3X6	.087	.605	4	.068	0	z	12	66240...	66465	2.243	5.174 ... H2-1
8	M129	PL3/8x2.375	.248	0	2	.029	0	y	11	26251...	2805...	.219	1.388 ... H1-...
9	M130	PL3/8x2.375	.249	0	24	.061	0	y	3	26251...	2805...	.219	1.388 ... H1-...
10	M131	PL3/8x2.375	.325	0	2	.078	0	y	11	26251...	2805...	.219	1.388 ... H1-...
11	M132	PL3/8x2.375	.253	0	12	.034	0	y	3	26251...	2805...	.219	1.388 ... H1-...
12	M133	PL3/8x2.375	.258	0	14	.061	0	y	4	26251...	2805...	.219	1.388 ... H1-...
13	M134	PL3/8x2.375	.320	0	12	.084	0	y	3	26251...	2805...	.219	1.388 ... H1-...
14	M177	PIPE 2.5	.331	3.289	12	.368	3...		1	29546...	50715	3.596	3.596 ... H3-6
15	M287A	PL1/2X4	.059	1.023	11	.024	.485	y	5	71971...	90000	.938	7.5 ... H1-...
16	M289A	PL1/2X4	.269	.113	11	.108	.718	y	4	80612...	90000	.938	7.5 ... H1-...
17	M290A	PL3/8x4	.146	1.086	13	.029	.486	y	12	43154...	67500	.527	5.625 ... H1-...
18	M292A	PL3/8x4	.132	.753	13	.038	0	y	12	54422...	67500	.527	5.625 ... H1-...
19	M293A	PL3/8X1	.048	.458	13	.013	1...	y	8	11341...	16875	.132	.352 ... H1-...
20	M295A	PL3/8X1	.054	0	7	.041	.718	y	4	13873...	16875	.132	.352 ... H1-...
21	M296A	PL3/8X1	.127	1.086	13	.027	1...	y	12	10789...	16875	.132	.352 ... H1-...
22	M298A	PL3/8X1	.138	.742	13	.037	.742	y	12	13691...	16875	.132	.352 ... H1-...
23	M299A	PL3/8X1	.080	0	18	.035	0	y	4	12257...	16875	.132	.352 ... H1-...
24	M301A	PL3/8X1	.058	1.013	14	.032	0	y	5	11427...	16875	.132	.352 ... H1-...
25	M302A	PL3/8X1	.106	.719	5	.021	.719	y	4	13865...	16875	.132	.352 ... H1-...
26	M305A	PL3/8X1	.065	.767	2	.040	.767	y	5	13495...	16875	.132	.352 ... H1-...
27	M306A	PL3/8X1	.062	.529	3	.020	.529	y	4	15176...	16875	.132	.352 ... H1-...
28	M307	PL3/8X1	.041	0	7	.030	.595	y	5	14750...	16875	.132	.352 ... H1-...
29	M308	PL3/8X1	.106	0	3	.029	0	y	4	16021...	16875	.132	.352 ... H1-...
30	M309	PL3/8X1	.084	0	14	.021	0	y	5	15421...	16875	.132	.352 ... H1-...
31	M310	PL3/8X1	.153	.288	6	.040	.288	y	5	16353...	16875	.132	.352 ... H1-...
32	M311	PL3/8X1	.069	.397	13	.030	.397	y	5	15894...	16875	.132	.352 ... H1-...
33	M312	PL3/8X1	.177	.218	5	.037	.218	y	5	16572...	16875	.132	.352 ... H1-...
34	M313	PL3/8X1	.041	0	12	.038	.164	y	3	16471...	16875	.132	.352 ... H1-...
35	M316	PL3/8x4	.198	0	13	.045	0	y	4	47631...	67500	.527	5.61 ... H1-...
36	M317	PL3/8x4	.300	.917	14	.025	0	y	4	49066...	67500	.527	5.625 ... H1-...
37	M318	PL3/8X1	.254	.957	13	.045	.957	y	10	11920...	16875	.132	.352 ... H1-...
38	M319	PL3/8X1	.335	.917	13	.024	.917	y	4	12267...	16875	.132	.352 ... H1-...
39	M320	PL3/8X1	.124	.958	13	.045	.958	y	4	11908...	16875	.132	.352 ... H1-...
40	M321	PL3/8X1	.179	.917	13	.031	.917	y	4	12267...	16875	.132	.352 ... H1-...
41	M322	PL3/8X1	.316	0	14	.025	0	y	12	8658.58	16875	.132	.352 ... H1-...
42	M323A	PL3/8X1	.264	.918	24	.039	.918	y	4	12257...	16875	.132	.352 ... H1-...
43	M324A	PL3/8X1	.314	1.297	13	.009	1...	y	10	8910.7...	16875	.132	.352 ... H1-...
44	M325A	PL3/8X1	.002	0	11	.000	.918	y	10	12257...	16875	.132	.352 ... H1-...



Company : Maser Consulting  
 Designer : AE  
 Job Number : 21777005A  
 Model Name : Antenna Mount Analysis

Mar 25, 2021  
 8:59 AM  
 Checked By: DX

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

Member	Shape	Code Check	Loc[ft]	LC	Shear C...	Lo...	Dir	LC	phi*Pn...	phi*...	phi*...	phi*...	Eqn	
45	M326A	PL1/2X4	.157	0	11	.098	.958	y	4	73973...	90000	.938	7.5	...H1-...
46	M327A	PL1/2X4	.312	.917	4	.078	.917	y	4	75218...	90000	.938	7.5	...H1-...
47	M332B	PL3/8x4	.106	0	3	.027	.492	y	3	54589...	67500	.527	5.625	...H1-...
48	M333A	PL1/2X4	.035	.5	2	.022	.52	y	4	79540...	90000	.938	7.5	...H1-...
49	M334A	PL3/8X1	.057	0	13	.016	.5	y	3	13547...	16875	.132	.352	...H1-...
50	M335A	PL3/8X1	.121	0	13	.043	.22	y	2	13563...	16875	.132	.352	...H1-...
51	M336	PL1/2X4	.109	.172	2	.131	.172	y	5	80447...	90000	.938	7.5	...H1-...
52	M337	PL3/8X1	.068	.725	14	.026	.725	y	3	13823...	16875	.132	.352	...H1-...
53	M338	PL3/8X1	.132	.741	14	.045	.741	y	3	13703...	16875	.132	.352	...H1-...
54	M339	PL3/8x4	.109	.351	2	.038	.351	y	3	54814...	67500	.527	5.625	...H1-...
55	M344	PL3/8X1	.038	0	5	.042	.307	y	5	15505...	16875	.132	.352	...H1-...
56	M345	PL3/8X1	.045	.285	14	.013	.285	y	5	15689...	16875	.132	.352	...H1-...
57	MP1A	PIPE 2.5	.295	6.105	2	.151	3...		4	30038...	50715	3.596	3.596	...H1-...
58	MP2A	PIPE 2.5	.318	6.105	3	.132	6...		4	30038...	50715	3.596	3.596	...H1-...
59	MP3A	PIPE 2.5	.355	6.105	12	.199	6...		10	30038...	50715	3.596	3.596	...H1-...
60	MP4A	PIPE 2.5	.302	6.105	12	.179	6...		10	30038...	50715	3.596	3.596	...H1-...
61	M344A	PIPE 2.0	.330	7.895	8	.178	10...		9	14559...	32130	1.872	1.872	...H1-...
62	M138	L3X3X6	.211	0	10	.372	1...	z	12	65968...	66465	2.243	5.174	...H2-1
63	M139	L3X3X6	.210	0	8	.364	1...	y	6	65968...	66465	2.243	5.174	...H2-1
64	M140	L3X3X6	.671	2.135	1	.154	2...	z	6	66294...	66465	2.243	5.174	...H2-1
65	M141	L3X3X6	.630	2.135	5	.156	2...	y	12	66294...	66465	2.243	5.174	...H2-1
66	M142	HSS4X3X4	.160	4.021	8	.118	1.34	z	11	83040...	91665	8.19	10.001	...H1-...
67	M143	L3X3X6	.090	.605	6	.080	0	y	10	66240...	66465	2.243	5.174	...H2-1
68	M144	L3X3X6	.087	.605	6	.070	0	z	8	66240...	66465	2.243	5.174	...H2-1
69	M145	PL3/8x2.375	.249	0	10	.030	0	y	7	26251...	2805...	.219	1.388	...H1-...
70	M146	PL3/8x2.375	.266	0	20	.061	0	y	11	26251...	2805...	.219	1.388	...H1-...
71	M147	PL3/8x2.375	.324	0	10	.080	0	y	7	26251...	2805...	.219	1.388	...H1-...
72	M148	PL3/8x2.375	.259	0	20	.034	0	y	11	26251...	2805...	.219	1.388	...H1-...
73	M149	PL3/8x2.375	.266	0	22	.061	0	y	7	26251...	2805...	.219	1.388	...H1-...
74	M150	PL3/8x2.375	.324	0	20	.084	0	y	11	26251...	2805...	.219	1.388	...H1-...
75	M171	PL1/2X4	.059	1.023	7	.024	.485	y	1	71971...	90000	.938	7.5	...H1-...
76	M172	PL1/2X4	.270	.113	7	.108	.718	y	12	80612...	90000	.938	7.5	...H1-...
77	M173	PL3/8x4	.144	1.086	21	.030	.486	y	8	43154...	67500	.527	5.625	...H1-...
78	M174	PL3/8x4	.131	.753	21	.039	0	y	8	54422...	67500	.527	5.625	...H1-...
79	M175	PL3/8X1	.050	.458	21	.013	1...	y	4	11341...	16875	.132	.352	...H1-...
80	M176	PL3/8X1	.055	.718	20	.041	.718	y	12	13873...	16875	.132	.352	...H1-...
81	M177A	PL3/8X1	.125	1.086	21	.027	1...	y	8	10789...	16875	.132	.352	...H1-...
82	M178	PL3/8X1	.139	.742	21	.037	.742	y	8	13691...	16875	.132	.352	...H1-...
83	M179	PL3/8X1	.082	0	14	.035	0	y	12	12257...	16875	.132	.352	...H1-...
84	M181	PL3/8X1	.062	1.013	22	.031	0	y	1	11427...	16875	.132	.352	...H1-...
85	M182	PL3/8X1	.105	.719	1	.021	.719	y	12	13865...	16875	.132	.352	...H1-...
86	M183	PL3/8X1	.064	.767	8	.039	.767	y	1	13495...	16875	.132	.352	...H1-...
87	M184	PL3/8X1	.062	.529	11	.020	.529	y	12	15176...	16875	.132	.352	...H1-...
88	M185	PL3/8X1	.041	0	3	.029	.595	y	1	14750...	16875	.132	.352	...H1-...
89	M186	PL3/8X1	.105	0	11	.029	0	y	12	16021...	16875	.132	.352	...H1-...
90	M187	PL3/8X1	.087	0	20	.020	0	y	1	15421...	16875	.132	.352	...H1-...
91	M188	PL3/8X1	.152	.288	2	.040	.288	y	1	16353...	16875	.132	.352	...H1-...
92	M189	PL3/8X1	.071	.397	21	.029	0	y	1	15894...	16875	.132	.352	...H1-...
93	M190	PL3/8X1	.175	.218	1	.037	.218	y	7	16572...	16875	.132	.352	...H1-...
94	M191	PL3/8X1	.041	0	8	.037	.164	y	11	16471...	16875	.132	.352	...H1-...
95	M194	PL3/8x4	.197	0	21	.046	0	y	6	47631...	67500	.527	5.625	...H1-...
96	M195	PL3/8x4	.308	.917	20	.025	0	y	12	49066...	67500	.527	5.625	...H1-...
97	M196	PL3/8X1	.254	.957	21	.046	.957	y	6	11920...	16875	.132	.352	...H1-...
98	M197	PL3/8X1	.336	.917	21	.024	.917	y	12	12267...	16875	.132	.352	...H1-...
99	M198	PL3/8X1	.125	.958	21	.045	.958	y	12	11908...	16875	.132	.352	...H1-...
100	M199	PL3/8X1	.178	.917	21	.031	.917	y	12	12267...	16875	.132	.352	...H1-...
101	M200	PL3/8X1	.317	0	22	.026	0	y	8	8658.58	16875	.132	.352	...H1-...





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

Member	Shape	Code Check	Loc[ft]	LC	Shear C...	Lo...	Dir	LC	phi*Pn...	phi*...	phi*...	phi*...	Eqn	
102	M201	PL3/8X1	.271	.918	20	.040	.918	y	12	12257...	16875	.132	.352	H1-...
103	M202	PL3/8X1	.315	1.297	21	.009	1....	y	6	8910.7...	16875	.132	.352	H1-...
104	M203	PL3/8X1	.002	0	11	.000	.918	y	12	12257...	16875	.132	.352	H1-...
105	M204	PL1/2X4	.158	0	8	.098	.958	y	12	73973...	90000	.938	7.5	H1-...
106	M205	PL1/2X4	.314	.917	12	.078	.917	y	12	75218...	90000	.938	7.5	H1-...
107	M210	PL3/8x4	.105	0	11	.026	.492	y	11	54589...	67500	.527	5.625	H1-...
108	M211	PL1/2X4	.035	.5	8	.021	.52	y	12	79540...	90000	.938	7.5	H1-...
109	M212	PL3/8X1	.058	0	21	.016	.5	y	11	13547...	16875	.132	.352	H1-...
110	M213	PL3/8X1	.121	0	21	.043	.22	y	8	13563...	16875	.132	.352	H1-...
111	M214	PL1/2X4	.110	.172	8	.129	.172	y	1	80447...	90000	.938	7.5	H1-...
112	M215	PL3/8X1	.071	.725	20	.026	.725	y	11	13823...	16875	.132	.352	H1-...
113	M216	PL3/8X1	.136	.741	20	.044	.741	y	11	13703...	16875	.132	.352	H1-...
114	M217	PL3/8x4	.108	.351	8	.037	.351	y	11	54814...	67500	.527	5.625	H1-...
115	M218	PL3/8X1	.038	0	1	.041	.307	y	1	15505...	16875	.132	.352	H1-...
116	M219	PL3/8X1	.046	.285	20	.013	.285	y	1	15689...	16875	.132	.352	H1-...
117	M241	L3X3X6	.213	0	6	.380	1....	z	8	65968...	66465	2.243	5.174	H2-1
118	M242	L3X3X6	.216	.844	7	.367	1....	z	8	65968...	66465	2.243	5.174	H2-1
119	M243	L3X3X6	.678	2.135	9	.151	2....	z	2	66294...	66465	2.243	5.174	H2-1
120	M244	L3X3X6	.620	2.135	1	.158	2....	y	8	66294...	66465	2.243	5.174	H2-1
121	M245	HSS4X3X4	.159	4.021	4	.121	1.34	z	7	83040...	91665	8.19	10.001	H1-...
122	M246	L3X3X6	.089	.605	9	.082	0	y	6	66240...	66465	2.243	5.174	H2-1
123	M247	L3X3X6	.089	.605	8	.069	0	z	4	66240...	66465	2.243	5.174	H2-1
124	M248	PL3/8x2.375	.257	0	18	.029	0	y	3	26251...	2805...	.219	1.388	H1-...
125	M249	PL3/8x2.375	.260	0	16	.062	0	y	7	26251...	2805...	.219	1.388	H1-...
126	M250	PL3/8x2.375	.333	0	18	.078	0	y	3	26251...	2805...	.219	1.388	H1-...
127	M251	PL3/8x2.375	.253	0	4	.034	0	y	7	26251...	2805...	.219	1.388	H1-...
128	M252	PL3/8x2.375	.275	0	18	.062	0	y	8	26251...	2805...	.219	1.388	H1-...
129	M253	PL3/8x2.375	.319	0	4	.086	0	y	7	26251...	2805...	.219	1.388	H1-...
130	M274	PL1/2X4	.059	1.023	3	.024	.485	y	9	71971...	90000	.938	7.5	H1-...
131	M275	PL1/2X4	.268	.113	3	.096	.718	y	8	80612...	90000	.938	7.5	H1-...
132	M276	PL3/8x4	.144	1.086	17	.030	.486	y	6	43154...	67500	.527	5.625	H1-...
133	M277	PL3/8x4	.131	.753	17	.039	0	y	6	54422...	67500	.527	5.625	H1-...
134	M278	PL3/8X1	.050	.458	17	.012	1....	y	10	11341...	16875	.132	.352	H1-...
135	M279	PL3/8X1	.055	.718	18	.034	.718	y	8	13873...	16875	.132	.352	H1-...
136	M280	PL3/8X1	.125	1.086	17	.027	1....	y	6	10789...	16875	.132	.352	H1-...
137	M281	PL3/8X1	.138	.742	17	.037	.742	y	6	13691...	16875	.132	.352	H1-...
138	M282	PL3/8X1	.082	0	22	.035	0	y	8	12257...	16875	.132	.352	H1-...
139	M284	PL3/8X1	.059	1.013	20	.035	0	y	9	11427...	16875	.132	.352	H1-...
140	M285	PL3/8X1	.106	.719	9	.021	.719	y	8	13865...	16875	.132	.352	H1-...
141	M286	PL3/8X1	.066	.767	6	.040	.767	y	9	13495...	16875	.132	.352	H1-...
142	M287	PL3/8X1	.063	.529	7	.020	.529	y	8	15176...	16875	.132	.352	H1-...
143	M288	PL3/8X1	.041	0	11	.030	.595	y	9	14750...	16875	.132	.352	H1-...
144	M289	PL3/8X1	.108	0	7	.030	0	y	8	16021...	16875	.132	.352	H1-...
145	M290	PL3/8X1	.087	0	18	.021	0	y	9	15421...	16875	.132	.352	H1-...
146	M291	PL3/8X1	.153	.288	10	.041	.288	y	9	16353...	16875	.132	.352	H1-...
147	M292	PL3/8X1	.071	.397	17	.029	.397	y	9	15894...	16875	.132	.352	H1-...
148	M293	PL3/8X1	.177	.218	9	.037	.218	y	9	16572...	16875	.132	.352	H1-...
149	M294	PL3/8X1	.041	0	6	.038	.164	y	7	16471...	16875	.132	.352	H1-...
150	M297	PL3/8x4	.196	0	17	.052	0	y	8	47631...	67500	.527	5.625	H1-...
151	M298	PL3/8x4	.308	.917	18	.020	0	y	8	49066...	67500	.527	5.625	H1-...
152	M299	PL3/8X1	.255	.957	17	.051	.957	y	2	11920...	16875	.132	.352	H1-...
153	M300	PL3/8X1	.340	.917	17	.017	.917	y	8	12267...	16875	.132	.352	H1-...
154	M301	PL3/8X1	.132	.958	17	.034	.958	y	8	11908...	16875	.132	.352	H1-...
155	M302	PL3/8X1	.190	.917	17	.052	.917	y	7	12267...	16875	.132	.352	H1-...
156	M303	PL3/8X1	.318	1.326	17	.033	0	y	6	8658.58	16875	.132	.352	H1-...
157	M304	PL3/8X1	.284	.918	18	.046	.918	y	8	12257...	16875	.132	.352	H1-...
158	M305	PL3/8X1	.325	1.297	17	.011	0	y	6	8910.7...	16875	.132	.352	H1-...



Company : Maser Consulting  
 Designer : AE  
 Job Number : 21777005A  
 Model Name : Antenna Mount Analysis

Mar 25, 2021  
 8:59 AM  
 Checked By: DX

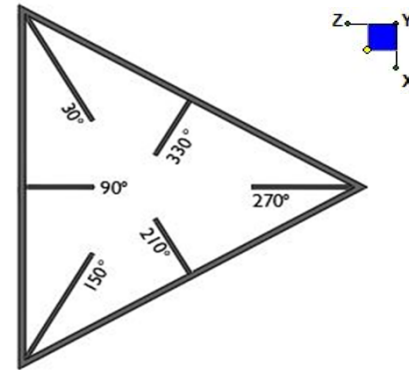
**Envelope AISC 15th(360-16): LRFD Steel Code Checks (Continued)**

Member	Shape	Code Check	Loc[ft]	LC	Shear C...	Lo...	Dir	LC	phi*Pn...	phi*...	phi*...	phi*...	Eqn	
159	M306	PL3/8X1	.002	0	9	.000	.918	y	8	12257...	16875	.132	.352	...H1-...
160	M307A	PL1/2X4	.161	0	4	.082	.958	y	8	73973...	90000	.938	7.5	...H1-...
161	M308A	PL1/2X4	.330	.917	8	.286	.917	y	8	75218...	90000	.938	7.5	...H1-...
162	M313A	PL3/8x4	.107	0	7	.027	.492	y	7	54589...	67500	.527	5.625	...H1-...
163	M314A	PL1/2X4	.035	.5	6	.022	.52	y	8	79540...	90000	.938	7.5	...H1-...
164	M315A	PL3/8X1	.058	0	17	.016	.5	y	7	13547...	16875	.132	.352	...H1-...
165	M316A	PL3/8X1	.121	0	17	.043	.22	y	6	13563...	16875	.132	.352	...H1-...
166	M317A	PL1/2X4	.110	.172	18	.131	.172	y	9	80447...	90000	.938	7.5	...H1-...
167	M318A	PL3/8X1	.070	.725	18	.026	.725	y	7	13823...	16875	.132	.352	...H1-...
168	M319A	PL3/8X1	.134	.741	18	.045	.741	y	7	13703...	16875	.132	.352	...H1-...
169	M320A	PL3/8x4	.110	.351	6	.039	.351	y	7	54814...	67500	.527	5.625	...H1-...
170	M321A	PL3/8X1	.038	0	9	.042	.307	y	9	15505...	16875	.132	.352	...H1-...
171	M322A	PL3/8X1	.046	.285	18	.013	.285	y	9	15689...	16875	.132	.352	...H1-...
172	M327	PIPE 2.5	.334	9.211	8	.369	9...		9	29546...	50715	3.596	3.596	...H3-6
173	MP1C	PIPE 2.5	.293	6.105	10	.150	3...		12	30038...	50715	3.596	3.596	...H1-...
174	MP2C	PIPE 2.5	.317	6.105	11	.130	6...		12	30038...	50715	3.596	3.596	...H1-...
175	MP3C	PIPE 2.5	.358	6.105	8	.201	6...		6	30038...	50715	3.596	3.596	...H1-...
176	MP4C	PIPE 2.5	.307	6.105	8	.181	6...		6	30038...	50715	3.596	3.596	...H1-...
177	M336A	PIPE 2.0	.320	7.895	4	.176	10...		5	14559...	32130	1.872	1.872	...H1-...
178	M342	PIPE 2.5	.334	3.289	6	.370	9...		5	29546...	50715	3.596	3.596	...H3-6
179	MP1B	PIPE 2.5	.297	6.105	6	.154	3...		8	30038...	50715	3.596	3.596	...H1-...
180	MP2B	PIPE 2.5	.320	6.105	7	.134	6...		8	30038...	50715	3.596	3.596	...H1-...
181	MP3B	PIPE 2.5	.356	6.105	4	.198	6...		2	30038...	50715	3.596	3.596	...H1-...
182	MP4B	PIPE 2.5	.303	6.105	4	.177	6...		2	30038...	50715	3.596	3.596	...H1-...
183	M351	PIPE 2.0	.323	7.895	12	.174	10...		1	14559...	32130	1.872	1.872	...H1-...
184	M356	PIPE 2.0	.135	2.083	6	.017	2...		6	30500...	32130	1.872	1.872	...H1-...
185	M359	L2.5x2.5x3	.082	1.249	9	.037	0	y	1	23816...	2919...	.873	1.847	...H2-1
186	M360	L2.5x2.5x3	.082	1.249	5	.038	0	y	9	23816...	2919...	.873	1.847	...H2-1
187	M361	L2.5x2.5x3	.081	1.249	1	.038	0	y	5	23816...	2919...	.873	1.847	...H2-1
188	M364	PIPE 2.0	.061	.351	5	.035	.351		5	31452...	32130	1.872	1.872	...H1-...

## I. Mount-to-Tower Connection Check

### RISA Model Data

Nodes (labeled per RISA)	Orientation (per graphic of typical platform)
n207	30
n208	30
n302a	270
n303a	270
n302	150
n303	150



TYPICAL PLATFORM

### Tower Connection Bolt Checks

Any moment resistance?:

Bolt Quantity per Reaction:

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

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

Bolt Type:

Bolt Diameter (in):

Required Tensile Strength (kips):

Required Shear Strength (kips):

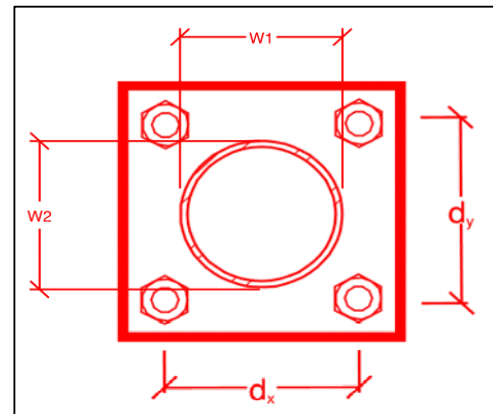
Tensile Strength / bolt (kips):

Shear Strength / bolt (kips):

Tensile Capacity Overall:

Shear Capacity Overall:

yes
4
6
17
A325N
0.625
15.3
3.7
20.7
12.4
18.4%*
7.5%



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

### Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:

Plate Width (in):

Plate Height (in):

W1 (in):

W2 (in):

Fy (ksi, plate):

$t_{plate}$  (in):

Weld Size (1/16 in):

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

Required Weld Strength (kip/in):

Plate Bending Capacity:

Weld Capacity:

Wshape
8
16
4
12.5
36
0.625
5
6.96
2.53
62.1%
36.4%

### Max Plate Bending Strengths

$M_{u_{xx}}$ (kip-in):	15.4
$\Phi * M_{n_{xx}}$ (kip-in):	25.3
$M_{u_{yy}}$ (kip-in):	0.7
$\Phi * M_{n_{yy}}$ (kip-in):	50.6

## 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.vzsmart.com> as depicted on the drawings

#### **Photo Requirements:**

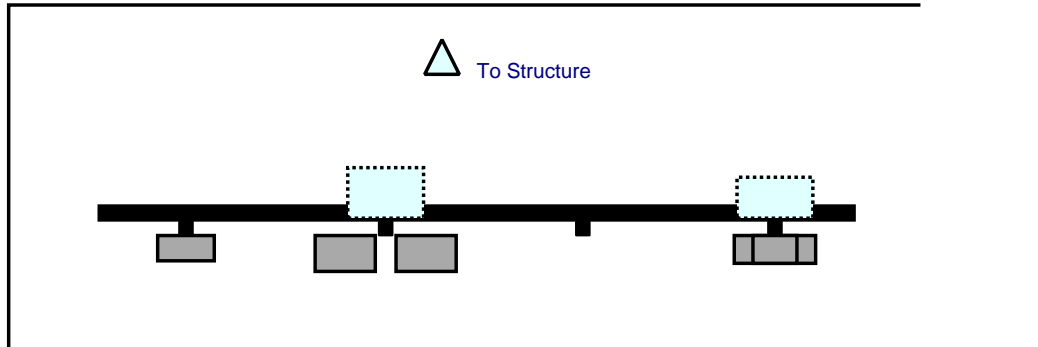
- Base and “During Installation Photos”
  - Base pictures include
    - Photo of Gate Signs showing the tower owner, site name, and number
    - Photo of carrier shelter showing the carrier site name and number if available
    - Photos of the galvanizing compound and/or paint used (if applicable), clearly showing the label and name
  - “During Installation Photos if provided - must be placed only in this folder
- Photos taken at ground level
  - Overall tower structure before and after installation of the equipment modifications
  - Photos of the appropriate mount before and after installation of the modifications; if the mounts are at different rad elevations, pictures must be provided for all elevations that the modifications were installed
- Photos taken at Mount Elevation
  - Photos showing each individual sector before and also after installation of equipment.



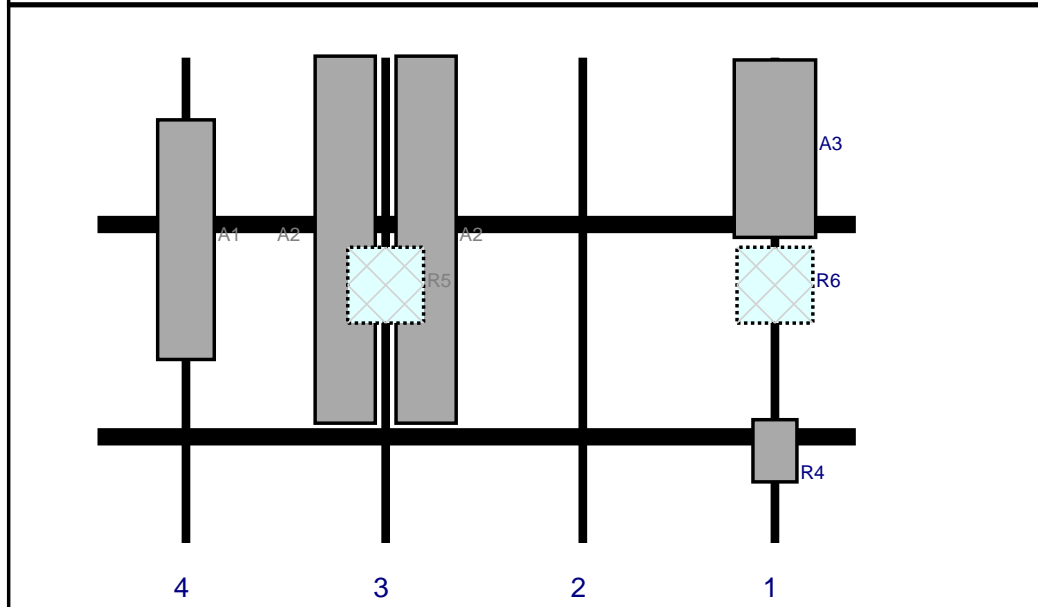
**Schedule A – Photo & Document File Structure**

-  VzW Site Number / Name
  -  Base & “During Installation” Photos
  
  -  Pre-Installation Photos
    -  Alpha
    -  Beta
    -  Gamma
    -  Ground Level
    -  Tape Drop
  
  -  Post-Installation Photos
    -  Alpha
    -  Beta
    -  Gamma
    -  Ground Level
    -  Tape Drop
    -  Photos of climbing facility and safety climb – If Present
  
-  Certifications – Submission of this document including certifications
  
-  Specific Required Additional Photos

Plan View

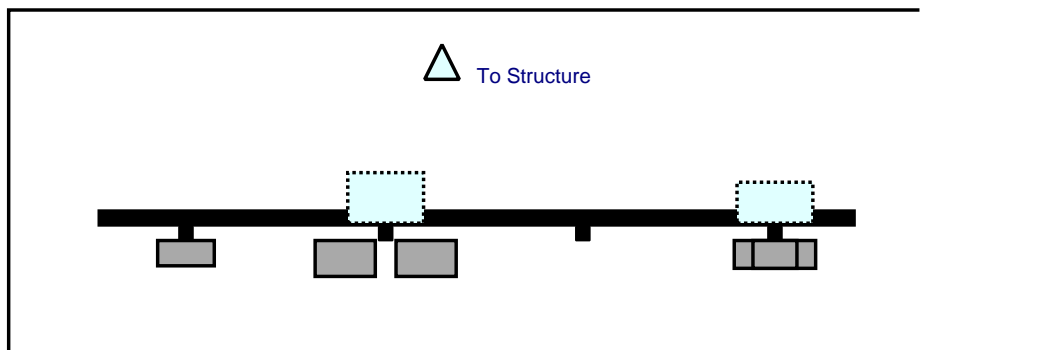


Front View  
Looking at Structure

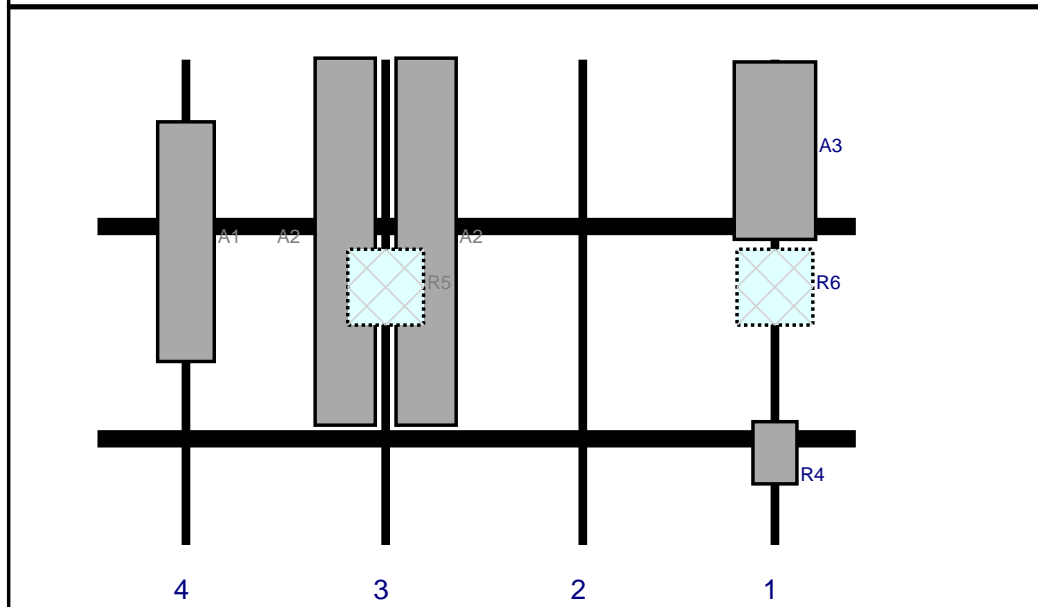


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A3	MT6407-77A	35.1	16.1	134	1	a	Front	18	0	Added	
R4	XXDWMM-12.5-65-8T-CBRS	12.3	8.7	134	1	a	Front	77.76	0	Added	
R6	B5/B13 RRH-BR04C	15	15	134	1	a	Behind	45	0	Retained	02/18/2021
A2	SBNHH-1D65B	72.6	11.9	57	3	a	Front	36	8	Retained	02/18/2021
A2	SBNHH-1D65B	72.6	11.9	57	3	b	Front	36	-8	Retained	02/18/2021
R5	B2/B66A RRH-BR049	15	15	57	3	a	Behind	45	0	Retained	02/18/2021
A1	BXA-80063/4CF	47.4	11.2	17.5	4	a	Front	36	0	Retained	02/18/2021

Plan View



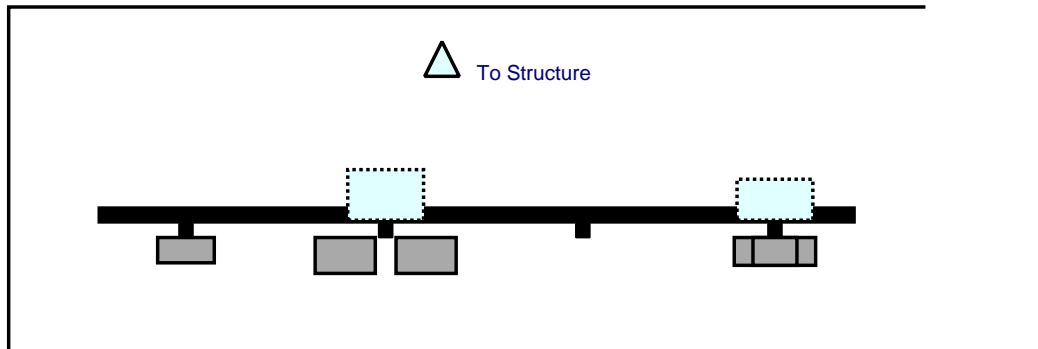
Front View  
Looking at Structure



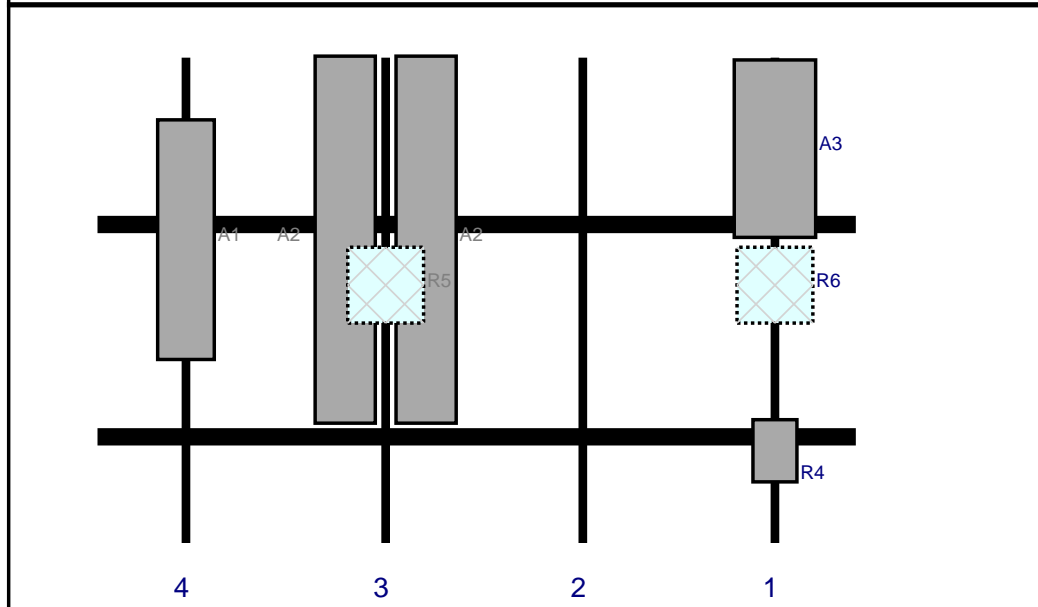
Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	SBNHH-1D65B	72.6	11.9	57	3	a	Front	36	8	Retained	02/18/2021
A2	SBNHH-1D65B	72.6	11.9	57	3	b	Front	36	-8	Retained	02/18/2021
R5	B2/B66A RRH-BR049	15	15	57	3	a	Behind	45	0	Retained	02/18/2021
A1	BXA-80063/4CF	47.4	11.2	17.5	4	a	Front	36	0	Retained	02/18/2021
A3	MT6407-77A	35.1	16.1	134	1	a	Front	18	0	Added	
R4	XXDWMM-12.5-65-8T-CBRS	12.3	8.7	134	1	a	Front	77.76	0	Added	
R6	B5/B13 RRH-BR04C	15	15	134	1	a	Behind	45	0	Retained	02/18/2021



Plan View



Front View  
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	SBNHH-1D65B	72.6	11.9	57	3	a	Front	36	8	Retained	02/18/2021
A2	SBNHH-1D65B	72.6	11.9	57	3	b	Front	36	-8	Retained	02/18/2021
R5	B2/B66A RRH-BR049	15	15	57	3	a	Behind	45	0	Retained	02/18/2021
A1	BXA-80063/4CF	47.4	11.2	17.5	4	a	Front	36	0	Retained	02/18/2021
A3	MT6407-77A	35.1	16.1	134	1	a	Front	18	0	Added	
R4	XXDWMM-12.5-65-8T-CBRS	12.3	8.7	134	1	a	Front	77.76	0	Added	
R6	B5/B13 RRH-BR04C	15	15	134	1	a	Behind	45	0	Retained	02/18/2021

<b><u>Subject</u></b>	TIA-222-H Usage
<b><u>Site Information</u></b>	Site ID: 467621-VZW / Forbes St Site Name: Forbes St Carrier Name: Verizon Wireless Address: 1455A Forbes Street East Hartford, Connecticut 06118 Hartford County Latitude: 41.731472° Longitude: -72.607778°
<b><u>Structure Information</u></b>	Tower Type: Monopole Mount Type: 12.50-Ft Platform

To Whom It May Concern,

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

The 2015 International Building Code states that, in Section 3108, telecommunication towers shall be designed and constructed in accordance with the provisions of TIA-222. The 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 map 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 method, seismic analysis, 30-degree increment wind direction 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,

Justin Linette, PE  
Senior Technical Manager

# Exhibit F

## **Power Density/RF Emissions Report**

Site Name: **FORBES ST 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 <sup>2</sup> )
VZW 700	751	4	706	2825	111	0.0082
VZW CDMA	877.26	2	417	834	111	0.0024
VZW Cellular	874	4	414	1655	111	0.0048
VZW PCS	1975	4	1630	6519	111	0.0190
VZW AWS	2120	4	1599	6397	111	0.0187
VZW CBRS	3625	4	13	53	109	0.0002
VZW CBAND	3730.005	4	6531	26125	112.5	0.0742

**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

\*\*Calculation includes a -10 dB Off Beam Antenna Pattern Adjustment pursuant to Attachments B and C of the Siting Council

MHz = Megahertz

mW/cm<sup>2</sup> = milliwatts per square centimeter

ERP = Effective Radiated Power

Absolute worst case maximum values used.

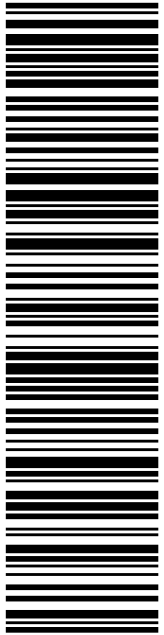
Maximum Permissible Exposure*	Fraction of MPE
(mW/cm <sup>2</sup> )	(%)
0.5007	1.65%
0.5848	0.42%
0.5827	0.83%
1.0000	1.90%
1.0000	1.87%
1.0000	0.02%
1.0000	7.42%
	14.10%

/IEEE C95.1-1992

It's November 10, 2015 Memorandum for Exempt Modification filing:

# Exhibit G

## **Recipient Mailings**



**USPS TRACKING #**

**9405 5036 9930 0082 4958 47**

Electronic Rate Approved #038555749

**SHIP TO:** SARAH SNELL  
CROWN CASTLE  
1800 W PARK DR  
WESTBOROUGH MA 01581-3926

**SHIP TO:** DEBORAH CHASE  
NORTHEAST SITE SOLUTIONS  
420 MAIN ST  
STE 1  
STURBRIDGE MA 01566-1359


**P**

12/03/2021

**PRIORITY MAIL 1-DAY™**

Expected Delivery Date: 12/06/21  
Ref#: CR-806376  
**0006**

**C006**



**UNITED STATES POSTAL SERVICE®**

**Click-N-Ship®**

usps.com 9405 5036 9930 0082 4958 47 0087 0000 0010 1581

**US POSTAGE**  
Flat Rate Envoy

**U.S. POSTAGE PAID**  
Click-N-Ship®

Mailed from 01566



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 0082 4958 47**

Trans. #: 549948913	Priority Mail® Postage: <b>\$8.70</b>
Print Date: 12/03/2021	Total: <b>\$8.70</b>
Ship Date: 12/03/2021	
Expected Delivery Date: 12/06/2021	

**From:** DEBORAH CHASE  
NORTHEAST SITE SOLUTIONS  
420 MAIN ST  
STE 1  
STURBRIDGE MA 01566-1359

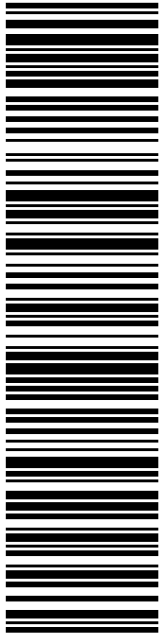
Ref#: CR-806376

**To:** SARAH SNELL  
CROWN CASTLE  
1800 W PARK DR  
WESTBOROUGH MA 01581-3926

\* 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



**USPS TRACKING #**

**9405 5036 9930 0082 4958 54**

Electronic Rate Approved #038555749

**SHIP TO:** MARCIA A LECLERC  
EATS HARTFORD TOWN HALL  
740 MAIN ST  
EAST HARTFORD CT 06108-3140

**SHIP**

**P**

**US POSTAGE**  
Flat Rate Env  
\$8.70

**U.S. POSTAGE PAID**  
click-n-ship®

Mailed from 01566

**PRIORITY MAIL 2-DAY™**

DEBORAH CHASE  
NORTHEAST SITE SOLUTIONS  
420 MAIN ST  
STE 1  
STURBRIDGE MA 01566-1359

Expected Delivery Date: 12/07/21  
Ret#: CR-806376  
**0006**

**C066**

**UNITED STATES POSTAL SERVICE®**

**Click-N-Ship®**

usps.com  
9405 5036 9930 0082 4958 54 0087 0000 0010 6108



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 0082 4958 54**

Trans. #: 549948913	Priority Mail® Postage: <b>\$8.70</b>
Print Date: 12/03/2021	Total: <b>\$8.70</b>
Ship Date: 12/03/2021	
Expected Delivery Date: 12/07/2021	

**From:** DEBORAH CHASE  
NORTHEAST SITE SOLUTIONS  
420 MAIN ST  
STE 1  
STURBRIDGE MA 01566-1359

Ret#: CR-806376


**To:** MARCIA A LECLERC  
EATS HARTFORD TOWN HALL  
740 MAIN ST  
EAST HARTFORD CT 06108-3140

\* 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





**UNITED STATES  
POSTAL SERVICE®**

**Click-N-Ship®**

**P**

12/03/2021

Mailed from 01566

usps.com 9405 5036 9930 0082 4958 61 0087 0000 0010 6108

**US POSTAGE**

Flat Rate Envoy

**U.S. POSTAGE PAID**

click-n-ship®

**PRIORITY MAIL 2-DAY™**


Expected Delivery Date: 12/07/21

Ref#: CR-806376

**0006**

SHIP TO: EILEEN BUCKHEIT  
DEVELOPMENT DIRECTOR  
740 MAIN ST  
EAST HARTFORD CT 06108-3140

**USPS TRACKING #**



**9405 5036 9930 0082 4958 61**

Electronic Rate Approved #038555749



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 0082 4958 61**

Trans. #: 549948913	Priority Mail® Postage: <b>\$8.70</b>
Print Date: 12/03/2021	Total: <b>\$8.70</b>
Ship Date: 12/03/2021	
Expected Delivery Date: 12/07/2021	

**From:** DEBORAH CHASE  
NORTHEAST SITE SOLUTIONS  
420 MAIN ST  
STE 1  
STURBRIDGE MA 01566-1359


Ref#: CR-806376

**To:** EILEEN BUCKHEIT  
DEVELOPMENT DIRECTOR  
740 MAIN ST  
EAST HARTFORD CT 06108-3140

\* 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



**UNITED STATES  
POSTAL SERVICE®**

**Click-N-Ship®**

**P**

usps.com 9405 5036 9930 0082 4958 78 0087 0000 0010 6118  
**US POSTAGE**  
 Flat Rate Envoy

U.S. POSTAGE PAID  
click-n-ship®

12/03/2021 Mailed from 01566

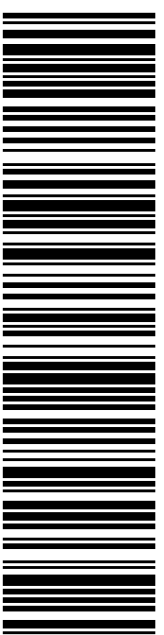
**PRIORITY MAIL 2-DAY™**

Expected Delivery Date: 12/07/21  
 Ref#: CR-806376  
**0006**

**C044**

SHIP TO:  
 JACK-REBECCA HANDEL  
 1455 FORBES ST  
 EAST HARTFORD CT 06118-3300

**USPS TRACKING #**



**9405 5036 9930 0082 4958 78**

Electronic Rate Approved #038555749



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 0082 4958 78**

Trans. #: 549948913	Priority Mail® Postage: <b>\$8.70</b>
Print Date: 12/03/2021	Total: <b>\$8.70</b>
Ship Date: 12/03/2021	
Expected Delivery Date: 12/07/2021	

**From:** DEBORAH CHASE  
 NORTHEAST SITE SOLUTIONS  
 420 MAIN ST  
 STE 1  
 STURBRIDGE MA 01566-1359

Ref#: CR-806376

**To:** JACK-REBECCA HANDEL  
 1455 FORBES ST  
 EAST HARTFORD CT 06118-3300

\* 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

806376



UNIONVILLE  
24 MILL ST  
UNIONVILLE, CT 06085-9998  
(800)275-8777

12/06/2021 03:05 PM

Product	Qty	Unit Price	Price
---------	-----	------------	-------

Prepaid Mail	1		\$0.00
Westborough, MA 01581			
Weight: 0 lb 2.00 oz			
Acceptance Date:			
Mon 12/06/2021			
Tracking #:			
9405 5036 9930 0082 4958 47			

Prepaid Mail	1		\$0.00
East Hartford, CT 06108			
Weight: 0 lb 8.30 oz			
Acceptance Date:			
Mon 12/06/2021			
Tracking #:			
9405 5036 9930 0082 4958 61			

Prepaid Mail	1		\$0.00
East Hartford, CT 06118			
Weight: 0 lb 8.20 oz			
Acceptance Date:			
Mon 12/06/2021			
Tracking #:			
9405 5036 9930 0082 4958 78			

Prepaid Mail	1		\$0.00
East Hartford, CT 06108			
Weight: 0 lb 8.30 oz			
Acceptance Date:			
Mon 12/06/2021			
Tracking #:			
9405 5036 9930 0082 4958 54			

Grand Total: \$0.00