

KENNETH C. BALDWIN

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Also admitted in Massachusetts
and New York

October 18, 2021

Via Electronic Mail

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

Re: **Notice of Exempt Modification – Facility Modification
520 Bailey Hill Road, Killingly, Connecticut**

Dear Attorney Bachman:

Cellco Partnership d/b/a Verizon Wireless (“Cellco”) currently maintains an existing wireless telecommunications facility at the above-referenced property address (the “Property”). The facility consists of antennas and remote radio heads attached to a tower and associated equipment on the ground near the base of the tower. The tower and Cellco’s use of the tower were approved by the Siting Council (“Council”) in December of 2016 (Docket No. 469). A copy of the Docket No. 469 Decision and Order is included in Attachment 1. Please note, Cellco refers to this site as its “Dayville” facility.

Cellco now intends to modify its facility by replacing six (6) existing antennas with three (3) new Samsung MT6407-77A antennas, two (2) JAHH-65B-R3B antennas and three (4) JAHH-45B-R3B antennas on Cellco’s existing antenna platform. Cellco also intends to replace three (3) remote radio heads (“RRHs”) with six (6) new RRHs behind its antennas. A set of project plans showing Cellco’s proposed facility modifications and specifications for the new antennas and RRHs are included in Attachment 2.

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

Melanie A. Bachman, Esq.
October 18, 2021
Page 2

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

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

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

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

Melanie A. Bachman, Esq.
October 18, 2021
Page 3

Sincerely,

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

Kenneth C. Baldwin

Enclosures

Copy to:

Mary Calorio, Killingly Town Manager
Ann-Marie Aubrey, Director of Planning and Zoning
Tri Lakes LLC, Property Owner
Karla Hanna, Verizon Wireless

ATTACHMENT 1

<p>DOCKET NO. 469 – Cellco Partnership d/b/a Verizon Wireless application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a telecommunications facility located at Killingly Tax Assessor’s Map 143, Lot 6, 520 Bailey Hill Road, Killingly, Connecticut.</p>	<p>} } }</p>	<p>Connecticut Siting Council</p>
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December 22, 2016

Decision and Order

Pursuant to Connecticut General Statutes §16-50p and the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, maintenance, and operation of a telecommunications facility, including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate, either alone or cumulatively with other effects, when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application, and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by General Statutes § 16-50k, be issued to Cellco Partnership d/b/a Verizon Wireless, hereinafter referred to as the Certificate Holder, for a telecommunications facility at 520 Bailey Hill Road, Killingly, Connecticut.

Unless otherwise approved by the Council, the facility shall be constructed, operated, and maintained substantially as specified in the Council’s record in this matter, and subject to the following conditions:

1. The tower shall be constructed as a monopole at a height of 150 feet above ground level to provide the proposed wireless services, sufficient to accommodate the antennas of Cellco Partnership d/b/a Verizon Wireless and other entities, both public and private. The height of the tower may be extended after the date of this Decision and Order pursuant to regulations of the Federal Communications Commission.

2. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be served on the Town of Killingly for comment and submitted to and approved by the Council prior to the commencement of facility construction and shall include:
 - a) final site plan(s) for development of the facility to include specifications for the tower and tower foundation that employ the governing standard in the State of Connecticut for tower design in accordance with the currently adopted International Building Code, antennas, equipment compound including, but not limited to, fence design, radio equipment, access road, utility line, and emergency backup generator with its fuel tank and run time;
 - b) construction plans for site clearing taking into account mitigation of fire risk, grading, water drainage and stormwater control, and erosion and sedimentation controls consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as amended; and
 - c) hours of construction.

3. Prior to the commencement of operation, the Certificate Holder shall provide the Council worst-case modeling of the electromagnetic radio frequency power density of all proposed entities' antennas at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin No. 65, August 1997. The Certificate Holder shall ensure a recalculated report of the electromagnetic radio frequency power density be submitted to the Council if and when circumstances in operation cause a change in power density above the levels calculated and provided pursuant to this Decision and Order.
4. Upon the establishment of any new federal radio frequency standards applicable to frequencies of this facility, the facility granted herein shall be brought into compliance with such standards.
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. Unless otherwise approved by the Council, if the facility authorized herein is not fully constructed with at least one fully operational wireless telecommunications carrier providing wireless service within eighteen months from the date of the mailing of the Council's Findings of Fact, Opinion, and Decision and Order (collectively called "Final Decision"), 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. The time between the filing and resolution of any appeals of the Council's Final Decision shall not be counted in calculating this deadline. Authority to monitor and modify this schedule, as necessary, is delegated to the Executive Director. The Certificate Holder shall provide written notice to the Executive Director of any schedule changes as soon as is practicable.
7. Any request for extension of the time period referred to in Condition 6 shall be filed with the Council not later than 60 days prior to the expiration date of this Certificate and shall be served on all parties and intervenors, as listed in the service list, and the Town of Killingly.
8. If the facility ceases to provide wireless services for a period of one year, 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 within 90 days from the one year period of cessation of service. The Certificate Holder may submit a written request to the Council for an extension of the 90 day period not later than 60 days prior to the expiration of the 90 day period.
9. Any nonfunctioning antenna, and associated antenna mounting equipment, on this facility shall be removed within 60 days of the date the antenna ceased to function.
10. In accordance with Section 16-50j-77 of the Regulations of Connecticut State Agencies, the Certificate Holder shall provide the Council with written notice two weeks prior to the commencement of site construction activities. In addition, the Certificate Holder shall provide the Council with written notice of the completion of site construction, and the commencement of site operation.
11. The Certificate Holder shall remit timely payments associated with annual assessments and invoices submitted by the Council for expenses attributable to the facility under Conn. Gen. Stat. §16-50v.

12. This Certificate may be transferred in accordance with Conn. Gen. Stat. §16-50k(b), provided both the Certificate Holder/transferor and the transferee are current with payments to the Council for their respective annual assessments and invoices under Conn. Gen. Stat. §16-50v. In addition, both the Certificate Holder/transferor and the transferee shall provide the Council a written agreement as to the entity responsible for any quarterly assessment charges under Conn. Gen. Stat. §16-50v(b)(2) that may be associated with this facility.
13. The Certificate Holder shall maintain the facility and associated equipment, including but not limited to, the tower, tower foundation, antennas, equipment compound, radio equipment, access road, utility line and landscaping in a reasonable physical and operational condition that is consistent with this Decision and Order and a Development and Management Plan to be approved by the Council.
14. If the Certificate Holder is a wholly-owned subsidiary of a corporation or other entity and is sold/transferred to another corporation or other entity, the Council shall be notified of such sale and/or transfer and of any change in contact information for the individual or representative responsible for management and operations of the Certificate Holder within 30 days of the sale and/or transfer.
15. This Certificate may be surrendered by the Certificate Holder upon written notification and approval by the Council.

We hereby direct that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed in the Service List, dated July 27, 2016, and notice of issuance published in The Bulletin.

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.

ATTACHMENT 2



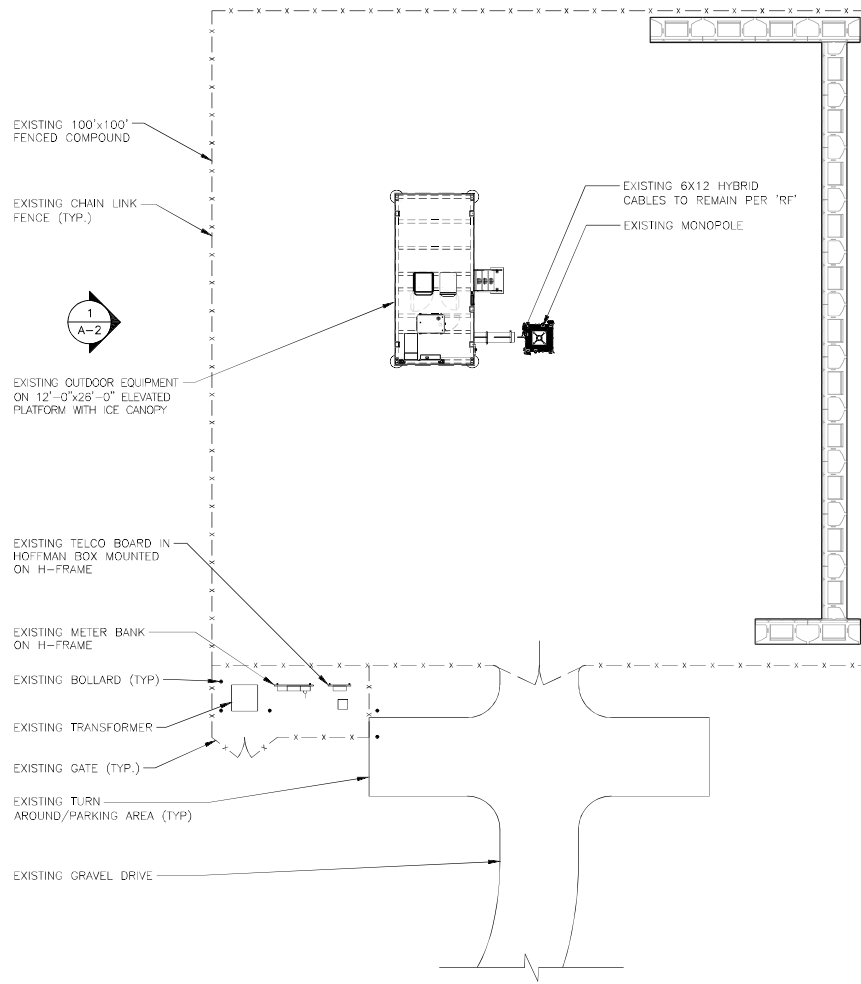
VICINITY MAP

SCALE: N.T.S.
 APPROXIMATE COORDINATES: LATITUDE: N41° 49' 56.76"
 LONGITUDE: W71° 48' 33.23"

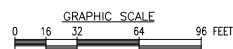
NOTE:
 AN ANALYSIS OF THE CAPACITY OF THE EXISTING STRUCTURE TO SUPPORT THE PROPOSED LOADING HAS BEEN COMPLETED BY HUDSON DESIGN GROUP, LLC. DATED: SEPTEMBER 22, 2021

NOTE:
 AN ANALYSIS FOR THE CAPACITY OF THE EXISTING ANTENNA MOUNT TO SUPPORT THE PROPOSED LOADING IS BASED UPON THE LATEST MOUNT ASSESSMENT BY COLLIER'S ENGINEERING & DESIGN.

NOTE:
 PROPOSED MT6407-77A ANTENNA SIZE AND WEIGHT ARE NOT TO EXCEED:
 DIMENSIONS H35.12"xW16.06"xD5.51"
 WEIGHT (INCLUDING INTEGRATED RRH) 87.1 LBS



COMPOUND PLAN
 22x34 SCALE: 1/32"=1'-0"
 11x17 SCALE: 1/64"=1'-0"



FIELD INSPECTION DATE: 08-09-2021

SCOPE

- EXISTING (6) ANTENNAS TO BE REMOVED PER 'RF' INSTALL (9) ANTENNAS PER 'RF' INSTALL (3) SIDE-BY-SIDE MOUNTS PER 'RF'
- INSTALL (3) DIPLEXERS PER 'RF'
- EXISTING (3) RRH'S TO BE REMOVED PER 'RF' INSTALL (9) RRH'S PER 'RF'
- EXISTING (1) JUNCTION BOX TO BE REMOVED PER 'RF' EXISTING (2) JUNCTION BOXES TO REMAIN PER 'RF'
- EXISTING (1) HYBRID CABLE TO BE REMOVED PER 'RF' EXISTING (2) 6X12 HYBRID CABLES TO REMAIN PER 'RF'
- ALL REPLACEMENT ANTENNAS TO MATCH EXISTING CONDITION & HEIGHTS.
- RECONFIGURE/RELOCATE EXISTING ANTENNA MOUNTS AS NECESSARY TO ACCOMMODATE HORIZONTAL SEPARATION, PROPOSED AZIMUTHS, AND ANTENNAS CONFIGURATION.

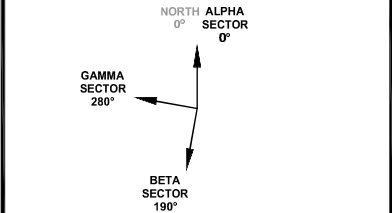
NEW ANTENNA CONFIGURATION

NOTE TO GENERAL CONTRACTOR:
 'RF' DESIGN AND EQUIPMENT IS BASED UPON RFDS ISSUED BY VZW DATED: JULY 29, 2021 REVISION #1.
 THE CONTRACTOR OF RECORD SHALL CONTACT VZW PRIOR TO ANY AND ALL ORDERING/PURCHASING/INSTALLATION OF EQUIPMENT TO VERIFY THAT THE 'RF' LISTED IN THE DRAWING SET IS CURRENT AND UP TO DATE.

NOTES

- NORTH SHOWN AS APPROXIMATE.
- SOME EXISTING & PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
- ANTENNAS WILL BE CAMOUFLAGED WITH 3M WRAP OR SHERWIN-WILLIAMS PRO INDUSTRIAL DTM ACRYLIC PAINT, AS NEEDED, PER VERIZON WIRELESS AND BUILDING OWNER'S APPROVAL.
- PRIOR TO COMMENCEMENT OF ANY WORK, PROPOSED ANTENNA INSTALLATION IS PURSUANT TO FINDINGS DICTATED IN STRUCTURAL ANALYSIS. STRUCTURAL ANALYSIS TO VERIFY CAPACITY OF EXISTING STRUCTURE TO ENSURE STRUCTURAL INTEGRITY FOLLOWING INSTALLATION OF PROPOSED ANTENNAS, COAX CABLES AND REQUIRED HARDWARE. COPY OF STRUCTURAL ANALYSIS TO BE SENT TO DESIGN ENGINEER.
- CONTRACTOR SHALL FIELD VERIFY SCOPE OF WORK, VERIZON WIRELESS ANTENNA MOUNT LOCATION AND ANTENNAS TO BE INSTALLED.
- CONTRACTOR SHALL NOTIFY ENGINEERS IF FIELD CONDITIONS DIFFER FROM DESIGN.
- RAD CENTERS MEASURED IN THE FIELD WITH LASER BY HDG. RAD CENTERS MAY NOT MATCH RF ANTENNA DESIGN SHEET.

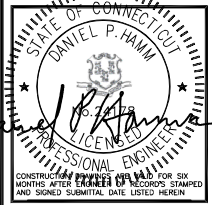
ANTENNA ORIENTATION



PREPARED FOR: CELCO PARTNERSHIP D.B.A.



45 BEECHWOOD DRIVE TEL: (978) 557-5553
 1 ANDOVER, MA 01844 FAX: (978) 554-5580



CHECKED BY: JX

APPROVED BY: DPH

SUBMITTALS

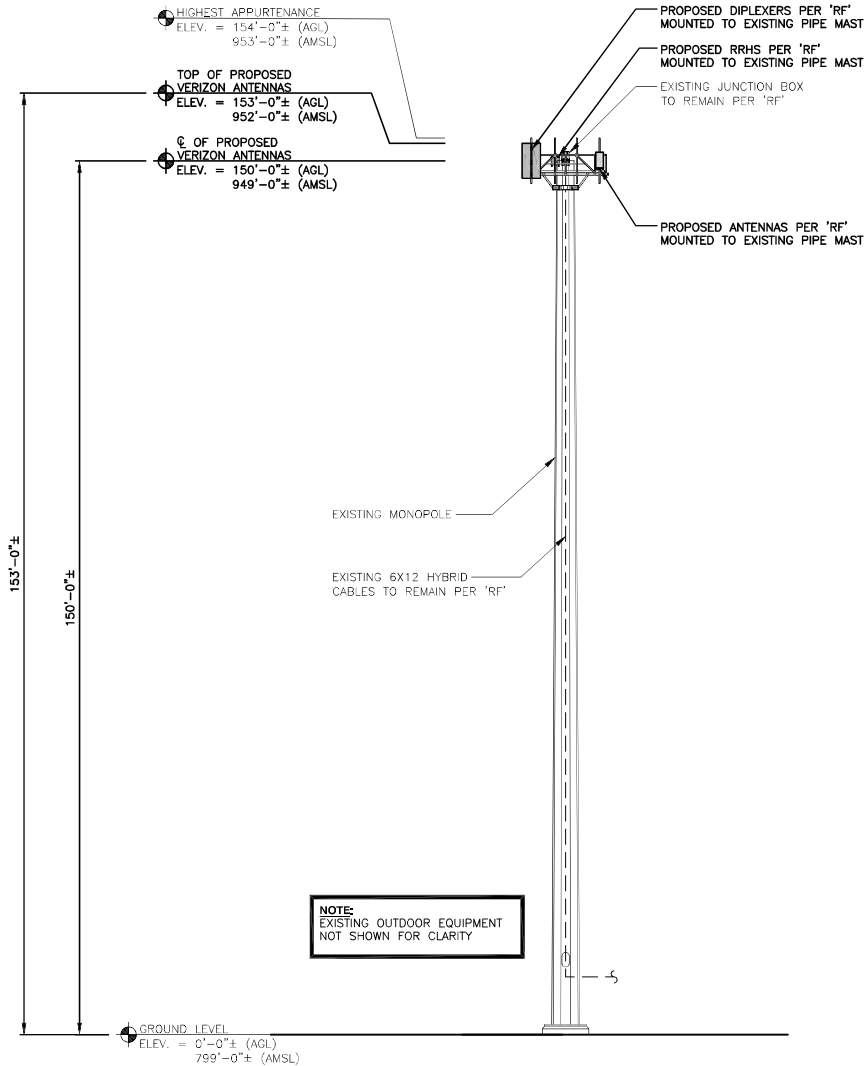
REV.	DATE	DESCRIPTION	BY
0	09/23/21	ISSUED FOR CONSTRUCTION	JM

SITE NAME:
 DAYVILLE CT

SITE ADDRESS:
 520 BAILEY HILL ROAD
 DAYVILLE, CT 06241

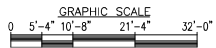
SHEET TITLE:
 COMPOUND PLAN

SHEET NUMBER:
A-1



NOTE:
EXISTING OUTDOOR EQUIPMENT
NOT SHOWN FOR CLARITY

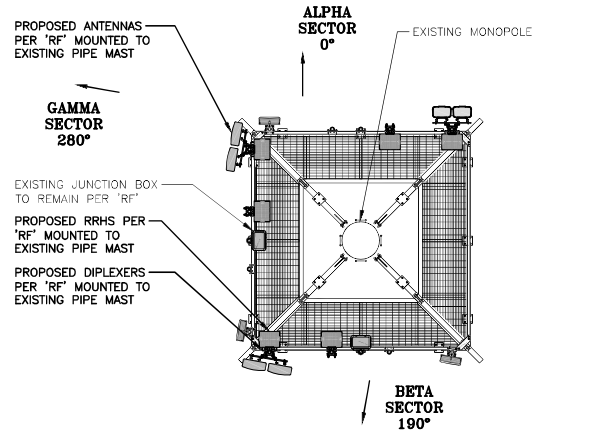
ELEVATION
22x34 SCALE: 3/32"=1'-0"
11x17 SCALE: 3/64"=1'-0"



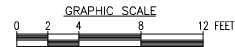
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NOTE:
PROPOSED MT6407-77A ANTENNA SIZE AND WEIGHT ARE NOT TO EXCEED:
DIMENSIONS H35.12"xW16.06"xD5.51"
WEIGHT (INCLUDING INTEGRATED RRH) 87.1 LBS



ANTENNAS PLAN
22x34 SCALE: 1/4"=1'-0"
11x17 SCALE: 1/8"=1'-0"



CHECKED BY: JX
APPROVED BY: DPH

SUBMITTALS

REV.	DATE	DESCRIPTION	BY
0	09/23/21	ISSUED FOR CONSTRUCTION	JM

SITE NAME:
DAYVILLE CT

SITE ADDRESS:
520 BAILEY HILL ROAD
DAYVILLE, CT 06241

SHEET TITLE
ELEVATION &
ANTENNA PLAN

SHEET NUMBER
A-2

STRUCTURAL NOTES:

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

SPECIAL INSPECTIONS (REFERENCE IBC CHAPTER 17):

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

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

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

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

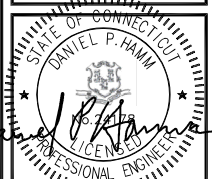
SPECIAL INSPECTION CHECKLIST	
BEFORE CONSTRUCTION	
CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM
REQUIRED	ENGINEER OF RECORD APPROVED SHOP DRAWINGS ¹
REQUIRED	MATERIAL SPECIFICATIONS REPORT ²
N/A	FABRICATOR NDE INSPECTION
REQUIRED	PACKING SLIPS ³
ADDITIONAL TESTING AND INSPECTIONS:	
DURING CONSTRUCTION	
CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM
REQUIRED	STEEL INSPECTIONS
N/A	HIGH STRENGTH BOLT INSPECTIONS
N/A	HIGH WIND ZONE INSPECTIONS ⁴
N/A	FOUNDATION INSPECTIONS
N/A	CONCRETE COMP. STRENGTH, SLUMP TESTS AND PLACEMENT
N/A	POST INSTALLED ANCHOR VERIFICATION ⁵
N/A	GROUT VERIFICATION
N/A	CERTIFIED WELD INSPECTION
N/A	EARTHWORK: LIFT AND DENSITY
N/A	ON SITE COLD GALVANIZING VERIFICATION
N/A	GUY WIRE TENSION REPORT
ADDITIONAL TESTING AND INSPECTIONS:	
AFTER CONSTRUCTION	
CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM
REQUIRED	MODIFICATION INSPECTOR REDLINE OR RECORD DRAWINGS ⁶
N/A	POST INSTALLED ANCHOR FULL-OUT TESTING
REQUIRED	PHOTOGRAPHS
ADDITIONAL TESTING AND INSPECTIONS:	

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

PREPARED FOR: CELCO PARTNERSHIP D.B.A.



45 BEECHWOOD DRIVE
YANOVVER, MA 01946 TEL: (978) 537-5553
FAX: (978) 534-5584



CHECKED BY: JX

APPROVED BY: DPH

SUBMITTALS			
REV	DATE	DESCRIPTION	BY
0	09/23/21	ISSUED FOR CONSTRUCTION	JM

SITE NAME:
DAYVILLE CT

SITE ADDRESS:
520 BAILEY HILL ROAD
DAYVILLE, CT 06241

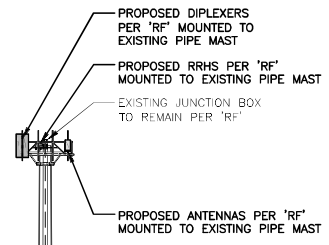
SHEET TITLE
STRUCTURAL NOTES & SPECIAL INSPECTIONS

SHEET NUMBER
SN-1

BILL OF MATERIALS				
SITE NAME: DAYVILLE CT				
ITEM	DESCRIPTION	QTY	LENGTH	COMMENTS
1	PROPOSED MT6407-77A ANTENNA W/ RRH	3		MOUNTED TO EXISTING PIPE MAST
2A	PROPOSED JAHH-45C R3B ANTENNA	4		MOUNTED TO EXISTING PIPE MAST SIDE-BY-SIDE MOUNT
2B	PROPOSED JAHH-65C R3B ANTENNA	2		MOUNTED TO EXISTING PIPE MAST SIDE-BY-SIDE MOUNT
3	PROPOSED CBC78T-DS-43-2X DIPLEXER	3		MOUNTED TO EXISTING PIPE MAST
4	EXISTING 1/2" TOP COAX JUMPERS	12	6 FT.	ROUTE FROM RRH TO ANTENNA
4	PROPOSED 1/2" TOP COAX JUMPERS	48	6 FT.	ROUTE FROM RRH TO ANTENNA
5	PROPOSED LTE 700/850 RRH	3		SAMSUNG RRH RF4440D-13A PIPE MOUNTED
6	PROPOSED PCS/AWS 1900/2100 RRH	3		SAMSUNG RRH RF4439D-25A PIPE MOUNTED
7	PROPOSED SAMSUNG FIBER JUMPER CABLES	6	15 FT.	ROUTE FROM OVP TO RRH
7	PROPOSED SAMSUNG POWER JUMPER CABLES	6	15 FT.	ROUTE FROM OVP TO RRH
8	EXISTING UPPER OVP	2		MOUNTED TO PIPE MAST
9	EXISTING 6X12 HYBRID CABLE	2	170 FT.	ROUTE FROM EQUIPMENT TO ANTENNA SECTOR
10	EXISTING LOWER OVP	2		MOUNTED ON EQUIPMENT PLATFORM

THE ABOVE RF-BOM SHEET IS BASED ON INFORMATION LISTED ON ANTENNA RECOMMENDATION SHEET DATED 7/29/21

- HIGHEST APERTURANCE
ELEV. = 154'-0"± (AGL)
953'-0"± (AMSL)
- TOP OF PROPOSED VERIZON ANTENNAS
ELEV. = 153'-0"± (AGL)
952'-0"± (AMSL)
- Ø OF PROPOSED VERIZON ANTENNAS
ELEV. = 150'-0"± (AGL)
949'-0"± (AMSL)

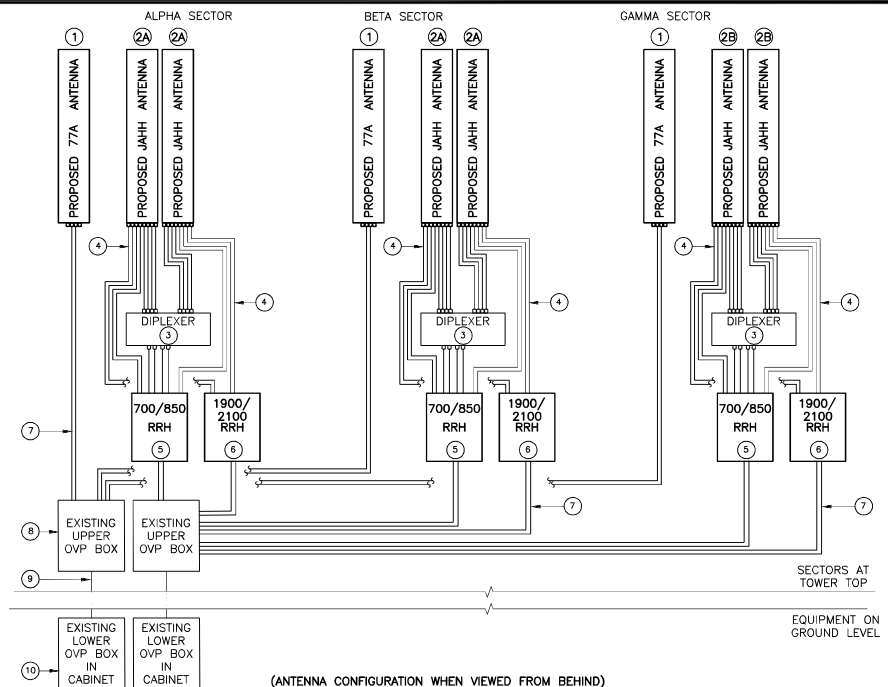
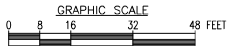


NOTE:
PROPOSED MT6407-77A ANTENNA SIZE AND WEIGHT ARE NOT TO EXCEED:
DIMENSIONS H35.12"xW16.06"xD5.51"
WEIGHT (INCLUDING INTEGRATED RRH) 87.1 LBS

NOTE:
GROUND EQUIPMENT NOT SHOWN FOR CLARITY

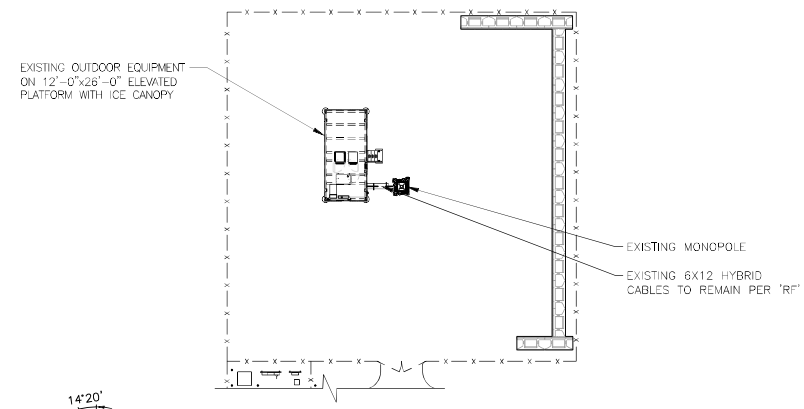
GROUND LEVEL
ELEV. = 0'-0"± (AGL)
799'-0"± (AMSL)

ELEVATION
22x34 SCALE: 1/16"=1'-0"
11x17 SCALE: 1/32"=1'-0"



(ANTENNA CONFIGURATION WHEN VIEWED FROM BEHIND)

RF CABLE PLUMBING DIAGRAM
SCALE: N.T.S.



COMPOUND PLAN
22x34 SCALE: 1"=60'
11x17 SCALE: 1"=120'



PREPARED FOR: CELCO PARTNERSHIP D.B.A.

45 BEECHWOOD DRIVE TEL: (978) 557-5553
N. ANDOVER, MA 01854 FAX: (978) 536-5584

CHECKED BY: JX

APPROVED BY: DPH

SUBMITTALS

REV.	DATE	DESCRIPTION	BY

0 09/23/21 ISSUED FOR CONSTRUCTION JM

SITE NAME:
DAYVILLE CT

SITE ADDRESS:
520 BAILEY HILL ROAD
DAYVILLE, CT 06241

SHEET TITLE
RF PLUMBING
DIAGRAM & BILL OF
MATERIAL

SHEET NUMBER
RF-1

JAHH-45B-R3B



8-port sector antenna, 2x 698–798, 2x 824–894 and 4x 1695–2360 MHz, 45° HPBW, low bands each have a RET and the high bands share a RET. Two internal SBTs.

- Internal SBT on low and high band allow remote RET control from the radio over the RF jumper cable
- One RET for 700MHz, one RET for 850MHz, and one RET for both high bands to ensure same tilt level for 4x Rx or 4x MIMO
- Internal filter on low band and interleaved dipole technology providing for attractive, low wind load mechanical package
- Separate RS-485 RET input/output for low and high band
- Narrow beamwidth capacity antenna for higher level of densification and enhanced data throughput

General Specifications

Antenna Type	Sector
Band	Multiband
Color	Light gray
Effective Projective Area (EPA), frontal	1 m ² 10.764 ft ²
Effective Projective Area (EPA), lateral	0.21 m ² 2.26 ft ²
Grounding Type	RF connector body grounded to reflector and mounting bracket
Performance Note	Outdoor usage Wind loading figures are validated by wind tunnel measurements described in white paper WP-112534-EN
Radome Material	Fiberglass, UV resistant
Radiator Material	Aluminum Low loss circuit board
Reflector Material	Aluminum
RF Connector Interface	4.3-10 Female
RF Connector Location	Bottom
RF Connector Quantity, high band	4
RF Connector Quantity, low band	4
RF Connector Quantity, total	8

Remote Electrical Tilt (RET) Information, General

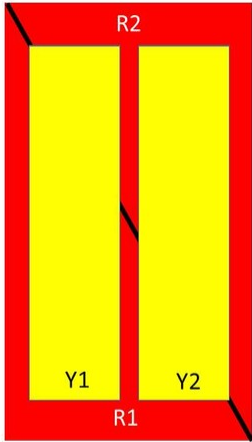
RET Interface	8-pin DIN Female 8-pin DIN Male
RET Interface, quantity	2 female 2 male

JAHH-45B-R3B

Dimensions

Width	457 mm 17.992 in
Length	1829 mm 72.008 in
Depth	178 mm 7.008 in

Array Layout



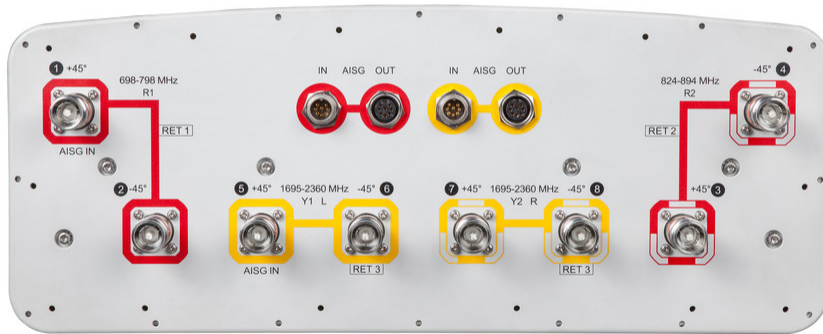
Array	Freq (MHz)	Conns	RET (SRET)	AISG RET UID
R1	698-798	1-2	1	ANxxxxxxxxxxxxxxxxx1
R2	824-894	3-4	2	ANxxxxxxxxxxxxxxxxx2
Y1	1695-2360	5-6	3	ANxxxxxxxxxxxxxxxxx3
Y2	1695-2360	7-8		

Left Right
Bottom

(Sizes of colored boxes are not true depictions of array sizes)

Port Configuration

JAHH-45B-R3B



Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	1695 – 2360 MHz 698 – 798 MHz 824 – 894 MHz
Polarization	±45°
Total Input Power, maximum	800 W @ 50 °C

Remote Electrical Tilt (RET) Information, Electrical

Protocol	3GPP/AISG 2.0 (Single RET)
Power Consumption, idle state, maximum	1 W
Power Consumption, normal conditions, maximum	8 W
Input Voltage	10–30 Vdc
Internal Bias Tee	Port 1 Port 5
Internal RET	High band (1) Low band (2)

Electrical Specifications

Frequency Band, MHz	698–798	824–894	1695–1880	1850–1990	1920–2200	2300–2360
Gain, dBi	16.5	17.2	19.4	20.2	20.5	21.1
Beamwidth, Horizontal, degrees	48	43	44	43	41	38

JAHH-45B-R3B

Beamwidth, Vertical, degrees	12.6	11.2	5.8	5.4	5	4.5
Beam Tilt, degrees	2-14	2-14	0-8	0-8	0-8	0-8
USLS (First Lobe), dB	16	21	18	18	18	18
Front-to-Back Ratio at 180°, dB	32	36	37	37	38	41
Isolation, Cross Polarization, dB	25	25	25	25	25	25
Isolation, Inter-band, dB	30	30	28	28	28	28
VSWR Return loss, dB	1.5 14.0	1.5 14.0	1.5 14.0	1.5 14.0	1.5 14.0	1.5 14.0
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	-153	-153	-153
Input Power per Port, maximum, watts	200	200	300	300	300	250

Electrical Specifications, BASTA

Frequency Band, MHz	698-798	824-894	1695-1880	1850-1990	1920-2200	2300-2360
Gain by all Beam Tilts, average, dBi	16.3	17	19.1	19.9	20.2	20.9
Gain by all Beam Tilts Tolerance, dB	±0.3	±0.3	±0.5	±0.4	±0.3	±0.4
Gain by Beam Tilt, average, dBi	2° 16.3 8° 16.3 14° 16.1	2° 17.1 8° 17.1 14° 16.7	0° 19.1 4° 19.2 8° 19.0	0° 19.8 4° 19.9 8° 19.8	0° 20.1 4° 20.2 8° 20.1	0° 20.7 4° 21.0 8° 20.7
Beamwidth, Horizontal Tolerance, degrees	±1.1	±2.4	±2	±2.7	±2.9	±1.5
Beamwidth, Vertical Tolerance, degrees	±0.7	±0.6	±0.3	±0.2	±0.3	±0.1
USLS, beampeak to 20° above beampeak, dB	16	21	17	17	17	17
Front-to-Back Total Power at 180° ± 30°, dB	23	24	29	31	33	34
CPR at Boresight, dB	25	26	20	21	20	20
CPR at Sector, dB	16	18	14	15	15	16

Mechanical Specifications

Wind Loading at Velocity, frontal	1,065.0 N @ 150 km/h
Wind Loading at Velocity, lateral	220.0 N @ 150 km/h
Wind Loading at Velocity, maximum	1,065.0 N @ 150 km/h 239.4 lbf @ 150 km/h
Wind Loading at Velocity, rear	245.3 lbf @ 150 km/h 935.0 N @ 150 km/h
Wind Speed, maximum	241 km/h 149.75 mph

JAHH-45B-R3B

Packaging and Weights

Width, packed	608 mm 23.937 in
Depth, packed	346 mm 13.622 in
Length, packed	1970 mm 77.559 in
Net Weight, without mounting kit	41.5 kg 91.492 lb
Weight, gross	71.5 kg 157.63 lb

Regulatory Compliance/Certifications

Agency

ISO 9001:2015



Classification

Designed, manufactured and/or distributed under this quality management system

Included Products

BSAMNT-3 — Wide Profile Antenna Downtilt Mounting Kit for 2.4 - 4.5 in (60 - 115 mm) OD round members. Kit contains one scissor top bracket set and one bottom bracket set.

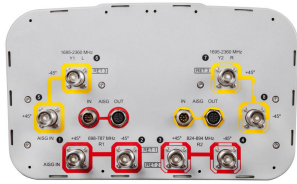
BSAMNT-M — Middle Downtilt Mounting Kit for Long Antennas for 2.4 - 4.5 in (60 - 115 mm) OD round members. Kit contains one scissor bracket set.

* Footnotes

Performance Note

Severe environmental conditions may degrade optimum performance

JAHH-65B-R3B



8-port sector antenna, 2x 698–787, 2x 824–894 and 4x 1695–2360 MHz, 65° HPBW, 3x RET and low bands have diplexers. Internal SBT's on first LB(Port 1) and first HB(Port 5).

- Internal SBT on low and high band allow remote RET control from the radio over the RF jumper cable
- One RET for 700MHz, one RET for 850MHz, and one RET for both high bands to ensure same tilt level for 4x Rx or 4x MIMO
- Internal filter on low band and interleaved dipole technology providing for attractive, low wind load mechanical package
- Separate RS-485 RET input/output for low and high band

General Specifications

Antenna Type	Sector
Band	Multiband
Color	Light gray
Effective Projective Area (EPA), frontal	0.28 m ² 3.014 ft ²
Effective Projective Area (EPA), lateral	0.24 m ² 2.583 ft ²
Grounding Type	RF connector body grounded to reflector and mounting bracket
Performance Note	Outdoor usage Wind loading figures are validated by wind tunnel measurements described in white paper WP-112534-EN
Radome Material	Fiberglass, UV resistant
Radiator Material	Aluminum Low loss circuit board
Reflector Material	Aluminum
RF Connector Interface	4.3-10 Female
RF Connector Location	Bottom
RF Connector Quantity, high band	4
RF Connector Quantity, low band	4
RF Connector Quantity, total	8

Remote Electrical Tilt (RET) Information, General

RET Interface	8-pin DIN Female 8-pin DIN Male
RET Interface, quantity	2 female 2 male

Dimensions

Width	350 mm 13.78 in
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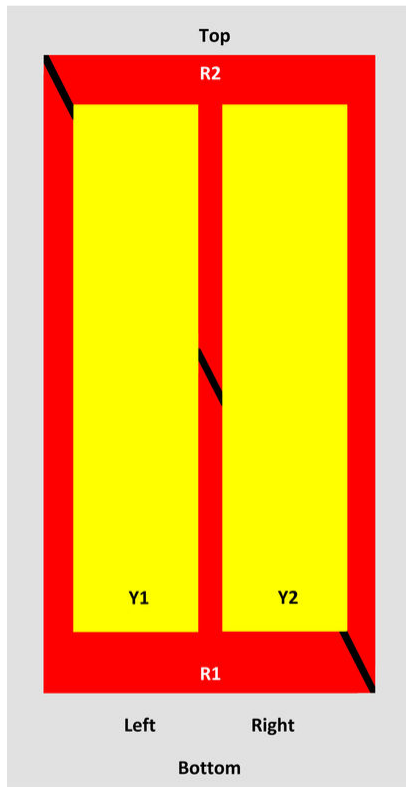
JAHH-65B-R3B

Length 1828 mm | 71.969 in

Depth 208 mm | 8.189 in

Array Layout

JAHH-65A-R3B JAHH-65B-R3B JAHH-65C-R3B



Array	Freq (MHz)	Conns	RET (SRET)	AISG RET UID
R1	698-798	1-2	1	ANXXXXXXXXXXXXXXXXX1
R2	824-894	3-4	2	ANXXXXXXXXXXXXXXXXX2
Y1	1695-2360	5-6	3	ANXXXXXXXXXXXXXXXXX3
Y2	1695-2360	7-8		

View from the front of the antenna

(Sizes of colored boxes are not true depictions of array sizes)

Electrical Specifications

Impedance 50 ohm

Operating Frequency Band 1695 – 2360 MHz | 698 – 787 MHz | 824 – 894 MHz

Polarization ±45°

Remote Electrical Tilt (RET) Information, Electrical

Protocol 3GPP/AISG 2.0 (Single RET)

Power Consumption, idle state, maximum 2 W

JAHH-65B-R3B

Power Consumption, normal conditions, maximum	13 W
Input Voltage	10–30 Vdc
Internal Bias Tee	Port 1 Port 5
Internal RET	High band (1) Low band (2)

Electrical Specifications

Frequency Band, MHz	698–787	824–894	1695–1880	1850–1990	1920–2200	2300–2360
Gain, dBi	14.5	15.8	18	18.4	18.5	18.8
Beamwidth, Horizontal, degrees	67	65	63	63	65	68
Beamwidth, Vertical, degrees	12.4	10.5	5.7	5.2	4.9	4.4
Beam Tilt, degrees	2–14	2–14	0–10	0–10	0–10	0–10
USLS (First Lobe), dB	18	18	20	20	21	23
Front-to-Back Ratio at 180°, dB	32	34	31	35	36	38
Isolation, Cross Polarization, dB	25	25	25	25	25	25
Isolation, Inter-band, dB	30	30	30	30	30	30
VSWR Return loss, dB	1.5 14.0	1.5 14.0	1.5 14.0	1.5 14.0	1.5 14.0	1.5 14.0
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	-153	-153	-153
Input Power per Port at 50° C, maximum, watts	200	200	300	300	300	250

Electrical Specifications, BASTA

Frequency Band, MHz	698–787	824–894	1695–1880	1850–1990	1920–2200	2300–2360
Gain by all Beam Tilts, average, dBi	14.3	14.9	17.6	18.1	18.2	18.5
Gain by all Beam Tilts Tolerance, dB	±0.3	±0.5	±0.6	±0.4	±0.5	±0.6
Gain by Beam Tilt, average, dBi	2° 14.3 8° 14.3 14° 14.3	2° 15.0 8° 14.9 14° 15.4	0° 17.2 5° 17.6 10° 17.6	0° 17.6 5° 18.2 10° 18.2	0° 17.7 5° 18.3 10° 18.3	0° 17.9 5° 18.7 10° 18.7
Beamwidth, Horizontal Tolerance, degrees	±1.2	±1.4	±4	±2.4	±2.9	±2.7
Beamwidth, Vertical Tolerance, degrees	±0.9	±0.5	±0.3	±0.2	±0.3	±0.1
USLS, beampeak to 20° above beampeak, dB	18	17	17	18	19	18
Front-to-Back Total Power at 180° ± 30°, dB	25	24	26	29	27	29
CPR at Boresight, dB	22	23	20	21	21	24

JAHH-65B-R3B

CPR at Sector, dB	11	12	11	11	11	8
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Mechanical Specifications

Wind Loading at Velocity, frontal	301.0 N @ 150 km/h 67.7 lbf @ 150 km/h
Wind Loading at Velocity, lateral	254.0 N @ 150 km/h 57.1 lbf @ 150 km/h
Wind Loading at Velocity, maximum	143.4 lbf @ 150 km/h 638.0 N @ 150 km/h
Wind Speed, maximum	241 km/h 149.75 mph

Packaging and Weights

Width, packed	456 mm 17.953 in
Depth, packed	357 mm 14.055 in
Length, packed	1975 mm 77.756 in
Net Weight, without mounting kit	29.2 kg 64.375 lb
Weight, gross	42.5 kg 93.696 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ROHS	Compliant/Exempted



Included Products

BSAMNT-3 — Wide Profile Antenna Downtilt Mounting Kit for 2.4 - 4.5 in (60 - 115 mm) OD round members. Kit contains one scissor top bracket set and one bottom bracket set.

* Footnotes

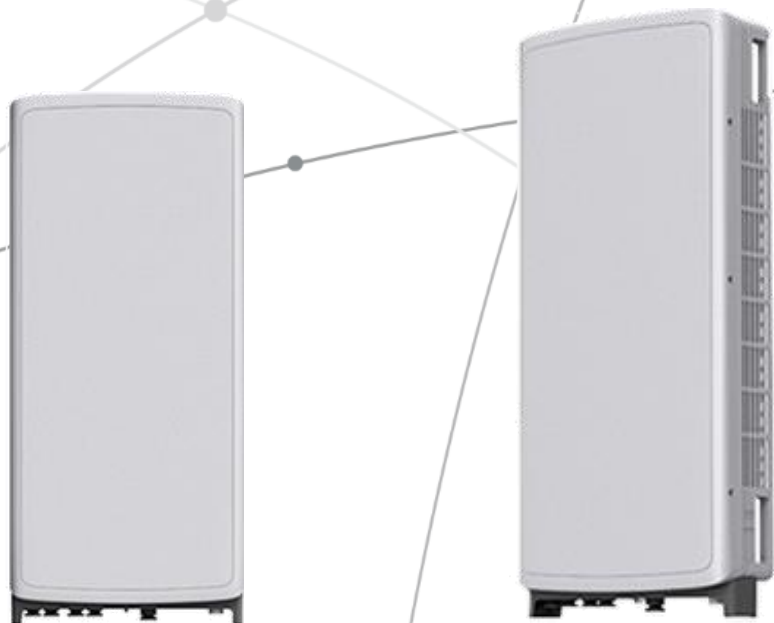
Performance Note Severe environmental conditions may degrade optimum performance

SAMSUNG C-Band 64T64R Massive MIMO Radio

for High Capacity and Wide Coverage

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

Model Code : MT6407-77A



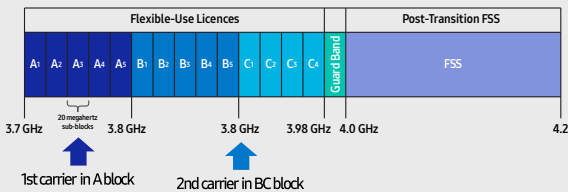
Points of Differentiation

Wide Bandwidth

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

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

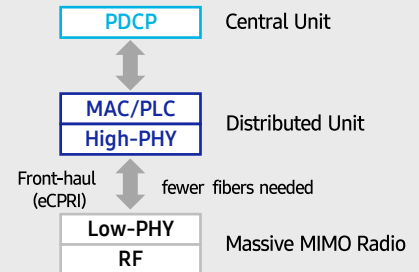
C-Band spectrum supported by Massive MIMO Radio



Future Proof Product

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

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

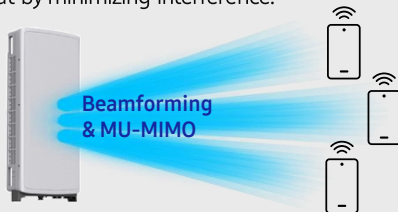


Enhanced Performance

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

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

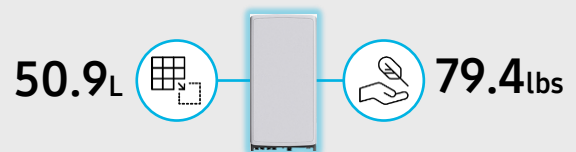
Furthermore, as C-Band massive MIMO Radio supports MU-MIMO (Multi-user MIMO), it enables to increase user throughput by minimizing interference.



Well Matched Design

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

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



Technical Specifications

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



SAMSUNG



About Samsung Electronics Co., Ltd.

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

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

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SAMSUNG

700/850MHZ MACRO RADIO

DUAL-BAND AND HIGH POWER
FOR MACRO COVERAGE

Samsung's future proof dual-band radio is designed to help effectively increase the coverage areas in wireless networks. This 700/850MHz 4T4R dual-band radio has 4Tx/4Rx to 2Tx/2Rx RF chains options and a total output power of 320W, making it ideal for macro sites.

Model Code RF4440d-13A



Homepage
samsungnetworks.com

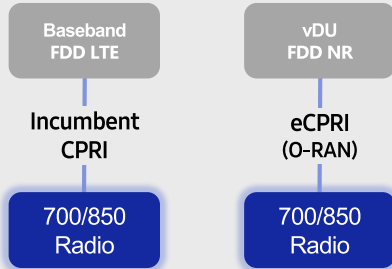


Youtube
www.youtube.com/samsung5g

Points of Differentiation

Continuous Migration

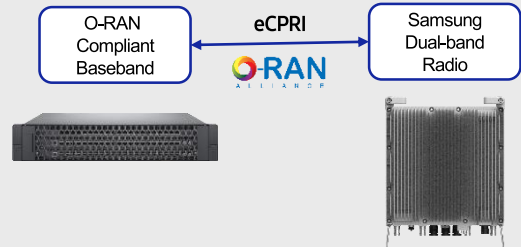
Samsung's 700/850MHz macro radio can support each incumbent CPRI interface as well as an advanced eCPRI interface. This feature provides installable options for both legacy LTE networks and added NR networks.



O-RAN Compliant

A standardized O-RAN radio can help when implementing cost-effective networks because it is capable of sending more data without compromising additional investments.

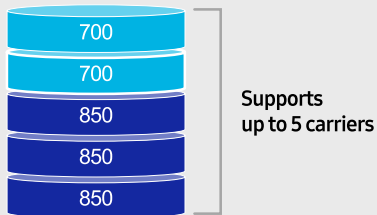
Samsung's state-of-the-art O-RAN technology will help accelerate the effort toward constructing a solid O-RAN ecosystem.



Optimum Spectrum Utilization

The number of required carriers varies according to site (region). The ability to support many carriers is essential for using all frequencies that the operator has available.

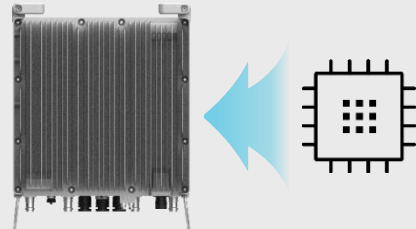
The new 700/850MHz dual-band radio can support up to 2 carriers in the B13 (700MHz) band and 3 carriers in the B5 (850MHz) band, respectively.



Secured Integrity

Access to sensitive data is allowed only to authorized software.

The Samsung radio's CPU can protect root of trust, which is credential information to verify SW integrity, and secure storage provides access control to sensitive data by using dedicated hardware (TPM).



Technical Specifications

Item	Specification
Tech	LTE / NR
Brand	B13(700MHz), B5(850MHz)
Frequency Band	DL: 746 – 756MHz, UL: 777 – 787MHz DL: 869 – 894MHz, UL: 824 – 849MHz
RF Power	(B13) 4 × 40W or 2 × 60W (B5) 4 × 40W or 2 × 60W
IBW/OBW	(B13) 10MHz / 10MHz (B5) 25MHz / 25MHz
Installation	Pole, Wall
Size/Weight	14.96 x 14.96 x 9.05inch (33.2L) / 70.33 lb

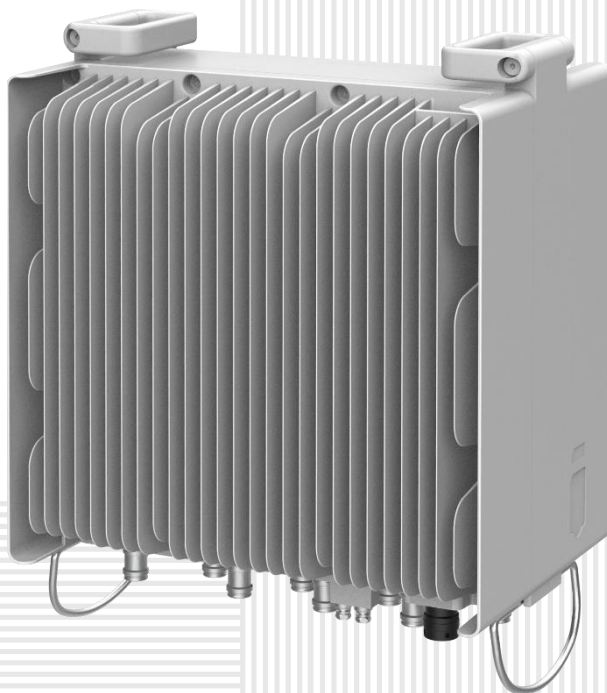
SAMSUNG

AWS/PCS MACRO RADIO

DUAL-BAND AND HIGH POWER
FOR MACRO COVERAGE

Samsung's future proof dual-band radio is designed to help effectively increase the coverage areas in wireless networks. This AWS/PCS 4T4R dual-band radio has 4Tx/4Rx to 2Tx/2Rx RF chains options and a total output power of 320W, making it ideal for macro sites.

Model Code RF4439d-25A



Homepage
samsungnetworks.com

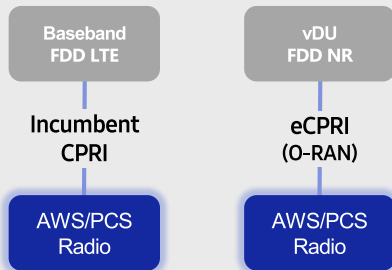


Youtube
www.youtube.com/samsung5g

Points of Differentiation

Continuous Migration

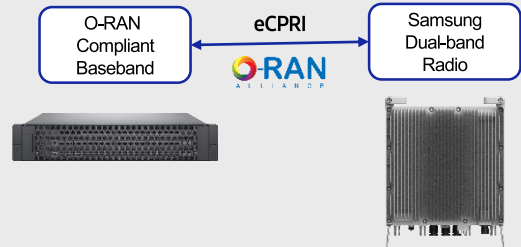
Samsung's AWS/PCS macro radio can support each incumbent CPRI interface as well as advanced eCPRI interfaces. This feature provides installable options for both legacy LTE networks and added NR networks.



O-RAN Compliant

A standardized O-RAN radio can help in implementing cost-effective networks, which are capable of sending more data without compromising additional investments.

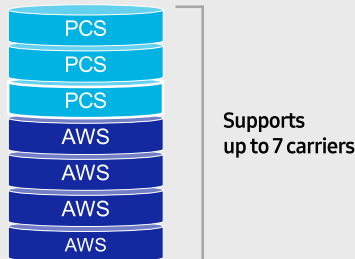
Samsung's state-of-the-art O-RAN technology will help accelerate the effort toward constructing a solid O-RAN ecosystem.



Optimum Spectrum Utilization

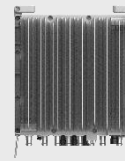
The number of required carriers varies according to site (region). Supporting many carriers is essential for using all frequencies that the operator has available.

The new AWS/PCS dual-band radio can support up to 3 carriers in the PCS (1.9GHz) band and 4 carriers in the AWS (2.1GHz) band, respectively.



Brand New Features in a Compact Size

Samsung's AWS/PCS macro radio offers several features, such as dual connectivity for baseband for both CDU and vDU, O-RAN capability, more carriers and an enlarged PCS spectrum, combined into an incumbent radio volume of 36.8L.



- 2 FH connectivity
- O-RAN capability
- More carriers and spectrum

Same as an incumbent radio volume

Technical Specifications

Item	Specification
Tech	LTE / NR
Brand	B25(PCS), B66(AWS)
Frequency Band	DL: 1930 – 1995MHz, UL: 1850 – 1915MHz DL: 2110 – 2200MHz, UL: 1710 – 1780MHz
RF Power	(B25) 4 × 40W or 2 × 60W (B66) 4 × 60W or 2 × 80W
IBW/OBW	(B25) 65MHz / 30MHz (B66) DL 90MHz, UL 70MHz / 60MHz
Installation	Pole, Wall
Size/Weight	14.96 x 14.96 x 10.04inch (36.8L) / 74.7lb

ATTACHMENT 3

Site Name: **DAYVILLE CT**
 Cumulative Power Density

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissible Exposure*	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm ²)	(mW/cm ²)	(%)
VZW 700	751	4	951	3802	150	0.0061	0.5007	1.21%
VZW Cellular	874	4	887	3546	150	0.0057	0.5827	0.97%
VZW PCS	1972.5	4	2242	8967	150	0.0143	1.0000	1.43%
VZW AWS	2120	4	2369	9477	150	0.0151	1.0000	1.51%
VZW CBAND	3730.08	4	6531	26125	150	0.0418	1.0000	4.18%
Total Percentage of Maximum Permissible Exposure								9.31%

*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992

**Calculation includes a -10 dB Off Beam Antenna Pattern Adjustment pursuant to Attachments B and C of the Siting Council's November 10, 2015 Memorandum for Exempt Modification filings

MHz = Megahertz

mW/cm² = milliwatts per square centimeter

ERP = Effective Radiated Power

Absolute worst case maximum values used.

ATTACHMENT 4

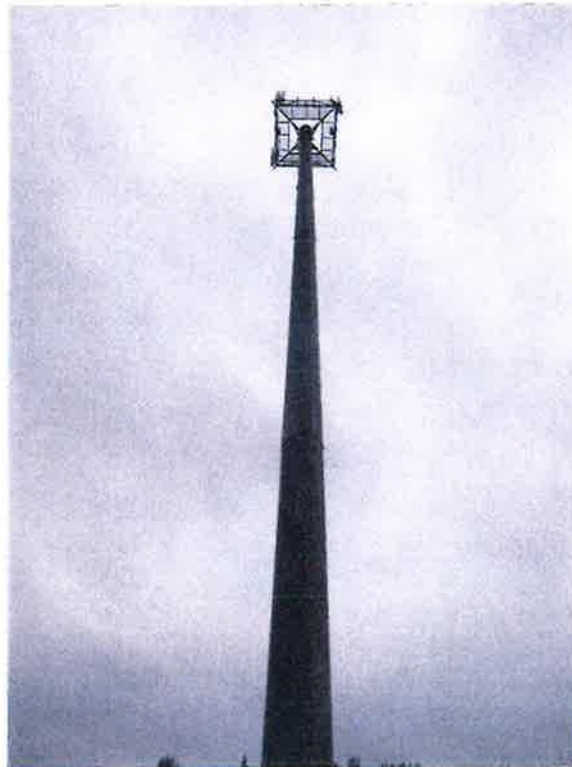
STRUCTURAL ANALYSIS REPORT

For

SITE NAME: DAYVILLE CT

520 Bailey Hill Road
Dayville, CT 06241

Antennas Mounted on the Monopole



Prepared for:

verizon✓

Dated: September 22, 2021

Prepared by:

HGD **HUDSON**
Design Group LLC



45 Beechwood Drive
North Andover, MA 01845
(P) 978.557.5553 (F) 978.336.5586
www.hudsondesigngroupllc.com



HUDSON
Design Group LLC

SCOPE OF WORK:

Hudson Design Engineering, PLLC (HDG) has been authorized by Verizon to conduct a structural evaluation of the 150' monopole supporting the proposed Verizon's antennas located at elevation 150' above the ground level.

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

The following documents were used for our reference:

- Mount Analysis Report prepared by Maser Consulting dated August 5, 2021.
- Record Drawings prepared by Engineered Endeavors Inc., dated January 26, 2017.
- Previous HDG Geotechnical Evaluation dated December 22, 2016.
- Previous HDG Structural Analysis dated March 22, 2019.
- Compaction Lab Report prepared by Terracon dated July 3, 2017.

CONCLUSION SUMMARY:

Based on our evaluation, we have determined that the existing monopole and foundation **are in conformance** with the ANSI/TIA-222-G Standard for the loading considered under the criteria listed in this report. The monopole structure is rated at **30.9 %** - (Pole Section – L3 at EL. 1' – 46.7' -Controlling).



APPURTENANCES CONFIGURATION:

Tenant	Appurtenances	Elev.	Mount
Verizon	(2) Junction Boxes	150'	Steel Platform
Verizon	(2) JAHH-65B-R3B Antennas	150'	Steel Platform
Verizon	(4) JAHH-45B-R3B Antennas	150'	Steel Platform
Verizon	(3) MT6407-77A Antennas	150'	Steel Platform
Verizon	(3) RF4439d-25A RRH's	150'	Steel Platform
Verizon	(3) RF4440d-13A RRH's	150'	Steel Platform
Verizon	(3) CBC78T-DS-43-2X Diplexers	150'	Steel Platform

**Proposed Verizon Appurtenances shown in Bold.*

VERIZON EXISTING/PROPOSED COAX CABLES:

Tenant	Coax Cables	Elev.	Mount
Verizon	(2) 6x12 Hybrid Cables	150'	Inside Monopole

**Proposed Verizon Coax Cables shown in Bold.*

ANALYSIS RESULTS SUMMARY:

Component	Max. Stress Ratio	Elev. of Component (ft)	Pass/Fail	Comments
Pole Section-L1	24.5 %	96.5 – 150.4	PASS	
Pole Section-L2	27.5 %	46.7 – 96.5	PASS	
Pole Section-L3	30.9 %	1 – 46.7	PASS	Controlling
Base Plate & Anchor Bolts	29.0 %	1	PASS	

FOUNDATION COMPARISON SUMMARY:

	Stress Ratio	Pass/Fail	Comments
Bearing	15.2 %	PASS	
Overturning	16.9 %	PASS	Controlling
Shear	5.2 %	PASS	



HUDSON
Design Group LLC

DESIGN CRITERIA:

1. EIA/TIA-222-G Structural Standards for Steel Antenna Towers and Antenna Supporting Structures

County: Windham
City/Town: Killingly
Ultimate Wind Speed: 110 mph (3 second gust)
Structural Class: II
Exposure Category: C
Topographic Category: 1
Nominal Ice Thickness: 1 inch

2. Approximate height above grade to proposed antennas: 150'

***Calculations and referenced documents are attached.**

ASSUMPTIONS:

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

SUPPORT RECOMMENDATIONS:

HDG recommends that the proposed antennas, diplexers and RRHs be mounted on the existing steel platform supported by the monopole.



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Design Group LLC

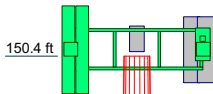


Photo 1: Photo illustrating the Monopole with Appurtenances shown.



HUDSON
Design Group LLC

CALCULATIONS



DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
12'-6" 4 Sector Platform (Verizon)	151	RF4440d-13A RRH (Verizon)	151
MT6407-77A Antenna w/ Mounting Pipe (Verizon)	151	RF4439d-25A RRH (Verizon)	151
JAHH-65B-R3B Antenna w/Mount Pipe (Verizon)	151	CBC78T-DS-43-2X Diplexer (Verizon)	151
JAHH-65B-R3B Antenna w/Mount Pipe (Verizon)	151	Large Junction Box w/Mount Pipe (Verizon)	151
JAHH-65B-R3B Antenna w/Mount Pipe (Verizon)	151	MT6407-77A Antenna w/ Mounting Pipe (Verizon)	151
RF4440d-13A RRH (Verizon)	151	JAHH-45B-R3B Antenna w/ Mount Pipe (Verizon)	151
RF4439d-25A RRH (Verizon)	151	JAHH-45B-R3B Antenna w/ Mount Pipe (Verizon)	151
CBC78T-DS-43-2X Diplexer (Verizon)	151	JAHH-45B-R3B Antenna w/ Mount Pipe (Verizon)	151
MT6407-77A Antenna w/ Mounting Pipe (Verizon)	151	RF4440d-13A RRH (Verizon)	151
JAHH-45B-R3B Antenna w/ Mount Pipe (Verizon)	151	RF4439d-25A RRH (Verizon)	151
JAHH-45B-R3B Antenna w/ Mount Pipe (Verizon)	151	CBC78T-DS-43-2X Diplexer (Verizon)	151
JAHH-45B-R3B Antenna w/ Mount Pipe (Verizon)	151	Large Junction Box w/Mount Pipe (Verizon)	151

MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in Windham County, Connecticut.
2. Tower designed for Exposure C to the TIA-222-G Standard.
3. Tower designed for a 110 mph basic wind in accordance with the TIA-222-G Standard.
4. Tower is also designed for a 50 mph basic wind with 1.00 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Structure Class II.
7. Topographic Category 1 with Crest Height of 0.00 ft

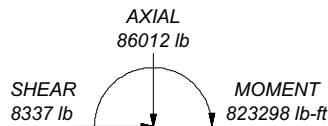
Section	1	2	3	
Length (ft)	53.95	56.25	52.22	
Number of Sides	18	18	18	
Thickness (in)	0.3810	0.5130	0.5720	
Socket Length (ft)	6.50	6.50	51.5730	
Top Dia (in)	28.7500	40.3452	65.0000	
Bot Dia (in)	42.8000	54.2000	18619.2	
Grade	A572-65	A572-65	A572-65	
Weight (lb)	7857.6	14573.1	18619.2	41049.9

96.5 ft

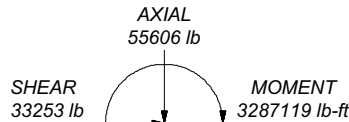
46.7 ft

1.0 ft

ALL REACTIONS ARE FACTORED



TORQUE 1657 lb-ft
50 mph WIND - 1.0000 in ICE



TORQUE 8847 lb-ft
REACTIONS - 110 mph WIND

Hudson Design Group LLC

45 Beechwood Drive
North Andover, MA 01845
Phone: (978)-557-5553
FAX: (978)-336-5586

Job: **Dayville CT**

Project: **5GSB6 2021**

Client: **Verizon**

Drawn by: **LBW**

App'd:

Code: **TIA-222-G**

Date: **09/22/21**

Scale: **NTS**

Path:

Dwg No. **E-1**

Z:\Shared\02\STRUCTURAL DEPARTMENT\ANALYSIS SOFTWARE\Tower\Tia Project\VERIZON\CT\Dayville CT\Dayville CT.dwg

tnxTower Hudson Design Group LLC 45 Beechwood Drive North Andover, MA 01845 Phone: (978)-557-5553 FAX: (978)-336-5586	Job Dayville CT	Page 1 of 8
	Project 5GSB6 2021	Date 15:16:01 09/22/21
	Client Verizon	Designed by LBW

Tower Input Data

The tower is a monopole.

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

The following design criteria apply:

Tower is located in Windham County, Connecticut.

Basic wind speed of 110 mph.

Structure Class II.

Exposure Category C.

Topographic Category 1.

Crest Height 0.00 ft.

Nominal ice thickness of 1.0000 in.

Ice thickness is considered to increase with height.

Ice density of 56 pcf.

A wind speed of 50 mph is used in combination with ice.

Temperature drop of 50 °F.

Deflections calculated using a wind speed of 60 mph.

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

Pressures are calculated at each section.

Stress ratio used in pole design is 1.

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

Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	150.42-96.47	53.95	6.50	18	28.7500	42.8000	0.3810	1.5240	A572-65 (65 ksi)
L2	96.47-46.72	56.25	6.50	18	40.3452	54.2000	0.5130	2.0520	A572-65 (65 ksi)
L3	46.72-1.00	52.22		18	51.5730	65.0000	0.5720	2.2880	A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in ²	I in ⁴	r in	C in	I/C in ³	J in ⁴	I _t /Q in ²	w in	w/t
L1	29.1347	34.3065	3488.2004	10.0710	14.6050	238.8360	6980.9907	17.1565	4.3894	11.521
	43.4015	51.2970	11661.3982	15.0587	21.7424	536.3437	23338.1408	25.6534	6.8622	18.011
L2	42.5142	64.8573	13000.6650	14.1404	20.4954	634.3218	26018.4366	32.4348	6.1979	12.082
	54.9570	87.4165	31832.3827	19.0589	27.5336	1156.1286	63706.6512	43.7166	8.6363	16.835
L3	53.9774	92.5938	30428.2222	18.1054	26.1991	1161.4230	60896.4826	46.3057	8.0701	14.109
	65.9145	116.9708	61342.9068	22.8719	33.0200	1857.7501	122766.530	58.4965	10.4333	18.24

tnxTower Hudson Design Group LLC 45 Beechwood Drive North Andover, MA 01845 Phone: (978)-557-5553 FAX: (978)-336-5586	Job	Dayville CT	Page	2 of 8
	Project	5GSB6 2021	Date	15:16:01 09/22/21
	Client	Verizon	Designed by	LBW

Tower Elevation	Gusset Area (per face)	Gusset Thickness	Gusset Grade	Adjust. Factor A_f	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals	Double Angle Stitch Bolt Spacing Horizontals	Double Angle Stitch Bolt Spacing Redundants
ft	ft ²	in					in	in	in
L1 150.42-96.47				0	1	1			
L2 96.47-46.72				0	1	1			
L3 46.72-1.00				0	1	1			

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement	Total Number	C_{AA}	Weight
					ft		ft ² /ft	plf
6x12 Hybrid Cable (In Face) (Verizon)	B	No	Yes	Inside Pole	150.42 - 9.00	2	No Ice 1/2" Ice 1" Ice	1.70 1.70 1.70

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation	Face	A_R	A_F	C_{AA} In Face	C_{AA} Out Face	Weight
	ft		ft ²	ft ²	ft ²	ft ²	lb
L1	150.42-96.47	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	183.43
		C	0.000	0.000	0.000	0.000	0.00
		D	0.000	0.000	0.000	0.000	0.00
L2	96.47-46.72	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	169.15
		C	0.000	0.000	0.000	0.000	0.00
		D	0.000	0.000	0.000	0.000	0.00
L3	46.72-1.00	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	128.25
		C	0.000	0.000	0.000	0.000	0.00
		D	0.000	0.000	0.000	0.000	0.00

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation	Face or Leg	Ice Thickness	A_R	A_F	C_{AA} In Face	C_{AA} Out Face	Weight
	ft		in	ft ²	ft ²	ft ²	ft ²	lb
L1	150.42-96.47	A	2.279	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	183.43
		C		0.000	0.000	0.000	0.000	0.00
		D		0.000	0.000	0.000	0.000	0.00
L2	96.47-46.72	A	2.159	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	169.15
		C		0.000	0.000	0.000	0.000	0.00
		D		0.000	0.000	0.000	0.000	0.00
L3	46.72-1.00	A	1.938	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	128.25
		C		0.000	0.000	0.000	0.000	0.00
		D		0.000	0.000	0.000	0.000	0.00

tnxTower Hudson Design Group LLC 45 Beechwood Drive North Andover, MA 01845 Phone: (978)-557-5553 FAX: (978)-336-5586	Job	Dayville CT	Page	3 of 8
	Project	5GSB6 2021	Date	15:16:01 09/22/21
	Client	Verizon	Designed by	LBW

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C _{AA} Front	C _{AA} Side	Weight	
			Horz	Lateral						
			ft	ft	°	ft	ft ²	ft ²	lb	
12'-6" 4 Sector Platform (Verizon)	A	None			0.0000	151.00	No Ice	52.12	59.02	3101.00
							1/2" Ice	66.91	74.13	4028.00
							1" Ice	86.05	92.38	5308.00
MT6407-77A Antenna w/ Mounting Pipe (Verizon)	D	From Face	3.00		0.0000	151.00	No Ice	5.91	3.74	116.30
			-6.00				1/2" Ice	6.72	4.79	166.69
			0.50				1" Ice	7.44	5.70	223.02
JAHH-65B-R3B Antenna w/Mount Pipe (Verizon)	D	From Face	3.00		0.0000	151.00	No Ice	12.86	8.51	81.00
			5.00				1/2" Ice	13.46	9.11	156.97
			0.00				1" Ice	14.06	9.71	240.78
JAHH-65B-R3B Antenna w/Mount Pipe (Verizon)	D	From Face	3.00		0.0000	151.00	No Ice	12.86	8.51	81.00
			6.25				1/2" Ice	13.46	9.11	156.97
			0.00				1" Ice	14.06	9.71	240.78
RF4440d-13A RRH (Verizon)	D	From Face	3.00		0.0000	151.00	No Ice	1.88	1.01	82.00
			6.00				1/2" Ice	2.05	1.14	98.43
			0.00				1" Ice	2.22	1.28	117.53
RF4439d-25A RRH (Verizon)	D	From Face	3.00		0.0000	151.00	No Ice	1.88	1.25	98.00
			-6.00				1/2" Ice	2.05	1.39	116.34
			0.00				1" Ice	2.22	1.54	137.47
CBC78T-DS-43-2X Diplexer (Verizon)	D	From Face	3.00		0.0000	151.00	No Ice	0.37	0.52	21.00
			-6.00				1/2" Ice	0.45	0.61	27.39
			1.00				1" Ice	0.53	0.71	35.46
MT6407-77A Antenna w/ Mounting Pipe (Verizon)	C	From Face	3.00		0.0000	151.00	No Ice	5.91	3.74	116.30
			-6.00				1/2" Ice	6.72	4.79	166.69
			0.50				1" Ice	7.44	5.70	223.02
JAHH-45B-R3B Antenna w/ Mount Pipe (Verizon)	C	From Face	3.00		0.0000	151.00	No Ice	11.64	6.95	117.55
			5.00				1/2" Ice	12.23	8.13	201.64
			0.00				1" Ice	12.78	9.02	294.08
JAHH-45B-R3B Antenna w/ Mount Pipe (Verizon)	C	From Face	3.00		0.0000	151.00	No Ice	11.64	6.95	117.55
			6.25				1/2" Ice	12.23	8.13	201.64
			0.00				1" Ice	12.78	9.02	294.08
RF4440d-13A RRH (Verizon)	C	From Face	3.00		0.0000	151.00	No Ice	1.88	1.01	82.00
			6.00				1/2" Ice	2.05	1.14	98.43
			0.00				1" Ice	2.22	1.28	117.53
RF4439d-25A RRH (Verizon)	C	From Face	3.00		0.0000	151.00	No Ice	1.88	1.25	98.00
			-6.00				1/2" Ice	2.05	1.39	116.34
			0.00				1" Ice	2.22	1.54	137.47
CBC78T-DS-43-2X Diplexer (Verizon)	C	From Face	3.00		0.0000	151.00	No Ice	0.37	0.52	21.00
			-6.00				1/2" Ice	0.45	0.61	27.39
			1.00				1" Ice	0.53	0.71	35.46
Large Junction Box w/Mount Pipe (Verizon)	C	From Face	3.00		0.0000	151.00	No Ice	5.11	4.41	61.20
			0.00				1/2" Ice	5.94	5.45	113.70
			1.00				1" Ice	6.67	6.34	172.04
MT6407-77A Antenna w/ Mounting Pipe (Verizon)	B	From Face	3.00		0.0000	151.00	No Ice	5.91	3.74	116.30
			-6.00				1/2" Ice	6.72	4.79	166.69
			0.50				1" Ice	7.44	5.70	223.02
JAHH-45B-R3B Antenna w/ Mount Pipe (Verizon)	B	From Face	3.00		0.0000	151.00	No Ice	11.64	6.95	117.55
			5.00				1/2" Ice	12.23	8.13	201.64
			0.00				1" Ice	12.78	9.02	294.08
JAHH-45B-R3B Antenna w/ Mount Pipe (Verizon)	B	From Face	3.00		0.0000	151.00	No Ice	11.64	6.95	117.55
			6.25				1/2" Ice	12.23	8.13	201.64
			0.00				1" Ice	12.78	9.02	294.08
RF4440d-13A RRH	B	From Face	3.00		0.0000	151.00	No Ice	1.88	1.01	82.00

tnxTower Hudson Design Group LLC 45 Beechwood Drive North Andover, MA 01845 Phone: (978)-557-5553 FAX: (978)-336-5586	Job	Dayville CT	Page	4 of 8
	Project	5GSB6 2021	Date	15:16:01 09/22/21
	Client	Verizon	Designed by	LBW

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft	C _{AA} Front ft ²	C _{AA} Side ft ²	Weight lb
(Verizon)			6.00			1/2" Ice 2.05	1.14	98.43
			0.00			1" Ice 2.22	1.28	117.53
RF4439d-25A RRH (Verizon)	B	From Face	3.00	0.0000	151.00	No Ice 1.88	1.25	98.00
			-6.00			1/2" Ice 2.05	1.39	116.34
			0.00			1" Ice 2.22	1.54	137.47
CBC78T-DS-43-2X Diplexer (Verizon)	B	From Face	3.00	0.0000	151.00	No Ice 0.37	0.52	21.00
			-6.00			1/2" Ice 0.45	0.61	27.39
			1.00			1" Ice 0.53	0.71	35.46
Large Junction Box w/Mount Pipe (Verizon)	B	From Face	3.00	0.0000	151.00	No Ice 5.11	4.41	61.20
			0.00			1/2" Ice 5.94	5.45	113.70
			1.00			1" Ice 6.67	6.34	172.04

Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.6 Wind 0 deg - No Ice
3	0.9 Dead+1.6 Wind 0 deg - No Ice
4	1.2 Dead+1.6 Wind 45 deg - No Ice
5	0.9 Dead+1.6 Wind 45 deg - No Ice
6	1.2 Dead+1.6 Wind 90 deg - No Ice
7	0.9 Dead+1.6 Wind 90 deg - No Ice
8	1.2 Dead+1.0 Ice+1.0 Temp
9	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
10	1.2 Dead+1.0 Wind 45 deg+1.0 Ice+1.0 Temp
11	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
12	Dead+Wind 0 deg - Service
13	Dead+Wind 45 deg - Service
14	Dead+Wind 90 deg - Service

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical lb	Horizontal, X lb	Horizontal, Z lb
Pole	Max. Vert	8	86011.79	1.27	0.14
	Max. H _x	8	86011.79	1.27	0.14
	Max. H _z	3	41704.38	-0.00	33253.34
	Max. M _x	2	3287117.11	-0.00	33253.25
	Max. M _z	6	3164586.06	-32428.71	-0.00
	Max. Torsion	8	0.00	1.27	0.14
	Min. Vert	3	41704.38	-0.00	33253.34
	Min. H _x	7	41704.38	-32428.80	-0.00
	Min. H _z	1	46338.20	0.05	-0.00
	Min. M _x	11	-1389.69	-8228.87	0.00
	Min. M _z	3	2746.40	-0.00	33253.34
	Min. Torsion	4	-8846.79	-22930.74	23513.78

tnxTower Hudson Design Group LLC 45 Beechwood Drive North Andover, MA 01845 Phone: (978)-557-5553 FAX: (978)-336-5586	Job	Dayville CT	Page	5 of 8
	Project	5GSB6 2021	Date	15:16:01 09/22/21
	Client	Verizon	Designed by	LBW

Tower Mast Reaction Summary

Load Combination	Vertical	Shear _x	Shear _z	Overturning Moment, M _x	Overturning Moment, M _z	Torque
	lb	lb	lb	lb-ft	lb-ft	lb-ft
Dead Only	46338.20	-0.05	0.00	-161.82	-2999.55	0.00
1.2 Dead+1.6 Wind 0 deg - No Ice	55605.84	0.00	-33253.25	-3287117.11	-3690.85	6172.09
0.9 Dead+1.6 Wind 0 deg - No Ice	41704.38	0.00	-33253.34	-3273821.62	-2746.40	6138.60
1.2 Dead+1.6 Wind 45 deg - No Ice	55605.84	22930.74	-23513.78	-2324452.97	-2238777.69	8846.79
0.9 Dead+1.6 Wind 45 deg - No Ice	41704.38	22930.63	-23513.66	-2315010.99	-2228869.82	8824.45
1.2 Dead+1.6 Wind 90 deg - No Ice	55605.84	32428.71	0.00	-207.74	-3164586.06	6343.47
0.9 Dead+1.6 Wind 90 deg - No Ice	41704.38	32428.80	0.00	-154.51	-3150994.18	6345.31
1.2 Dead+1.0 Ice+1.0 Temp	86011.79	-1.27	-0.14	1352.03	-12423.42	0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	86011.79	-0.00	-8336.90	-822264.05	-12772.50	1656.74
1.2 Dead+1.0 Wind 45 deg+1.0 Ice+1.0 Temp	86011.79	5818.69	-5895.08	-581021.92	-583294.70	1606.96
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	86011.79	8228.87	-0.00	1389.69	-819613.37	615.96
Dead+Wind 0 deg - Service	46338.19	-0.01	-5531.58	-545539.45	-3064.78	1024.91
Dead+Wind 45 deg - Service	46338.19	3814.44	-3911.42	-385803.19	-373916.53	1472.23
Dead+Wind 90 deg - Service	46338.20	5394.43	0.00	-165.39	-527528.50	1057.24

Solution Summary

Load Comb.	Sum of Applied Forces			Sum of Reactions			% Error
	PX lb	PY lb	PZ lb	PX lb	PY lb	PZ lb	
1	0.00	-46338.20	0.00	0.05	46338.20	-0.00	0.000%
2	0.00	-55605.85	-33253.57	-0.00	55605.84	33253.25	0.000%
3	0.00	-41704.38	-33253.57	-0.00	41704.38	33253.34	0.000%
4	22930.78	-55605.85	-23513.83	-22930.74	55605.84	23513.78	0.000%
5	22930.78	-41704.38	-23513.83	-22930.63	41704.38	23513.66	0.000%
6	32429.02	-55605.85	0.00	-32428.71	55605.84	-0.00	0.000%
7	32429.02	-41704.38	0.00	-32428.80	41704.38	-0.00	0.000%
8	0.00	-86011.79	0.00	1.27	86011.79	0.14	0.001%
9	0.00	-86011.79	-8337.01	0.00	86011.79	8336.90	0.000%
10	5818.77	-86011.79	-5895.16	-5818.69	86011.79	5895.08	0.000%
11	8228.99	-86011.79	0.00	-8228.87	86011.79	0.00	0.000%
12	0.00	-46338.20	-5532.62	0.01	46338.19	5531.58	0.002%
13	3815.15	-46338.20	-3912.15	-3814.44	46338.19	3911.42	0.002%
14	5395.43	-46338.20	0.00	-5394.43	46338.20	-0.00	0.002%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	6	0.00000001	0.00000001
2	Yes	10	0.00000001	0.00006672
3	Yes	10	0.00000001	0.00005689
4	Yes	11	0.00000001	0.00003719

tnxTower Hudson Design Group LLC 45 Beechwood Drive North Andover, MA 01845 Phone: (978)-557-5553 FAX: (978)-336-5586	Job	Dayville CT	Page	6 of 8
	Project	5GSB6 2021	Date	15:16:01 09/22/21
	Client	Verizon	Designed by	LBW

5	Yes	10	0.00000001	0.00012815
6	Yes	10	0.00000001	0.00006565
7	Yes	10	0.00000001	0.00005661
8	Yes	6	0.00000001	0.00001639
9	Yes	10	0.00000001	0.00006846
10	Yes	10	0.00000001	0.00007233
11	Yes	10	0.00000001	0.00006916
12	Yes	8	0.00000001	0.00008982
13	Yes	8	0.00000001	0.00008650
14	Yes	8	0.00000001	0.00008684

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	150.42 - 96.47	5.953	12	0.3559	0.0062
L2	102.97 - 46.72	2.797	12	0.2571	0.0019
L3	53.22 - 1	0.738	12	0.1290	0.0006

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
151.00	12'-6" 4 Sector Platform	12	5.953	0.3559	0.0062	187228

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	150.42 - 96.47	35.866	2	2.1428	0.0376
L2	102.97 - 46.72	16.855	2	1.5493	0.0114
L3	53.22 - 1	4.446	2	0.7772	0.0036

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
151.00	12'-6" 4 Sector Platform	2	35.866	2.1428	0.0376	31188

tnxTower Hudson Design Group LLC 45 Beechwood Drive North Andover, MA 01845 Phone: (978)-557-5553 FAX: (978)-336-5586	Job Dayville CT	Page 7 of 8
	Project 5GSB6 2021	Date 15:16:01 09/22/21
	Client Verizon	Designed by LBW

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u lb	φP _n lb	Ratio $\frac{P_u}{\phi P_n}$
L1	150.42 - 96.47 (1)	TP42.8x28.75x0.381	53.95	149.42	124.0	49.2500	-13581.60	723388.00	0.019
L2	96.47 - 46.72 (2)	TP54.2x40.3452x0.513	56.25	149.42	97.0	84.8097	-30445.70	2037530.00	0.015
L3	46.72 - 1 (3)	TP65x51.573x0.572	52.22	149.42	78.4	116.971 0	-55595.10	4102820.00	0.014

Pole Bending Design Data

Section No.	Elevation ft	Size	M _{ux} lb-ft	φM _{ux} lb-ft	Ratio $\frac{M_{ux}}{\phi M_{ux}}$	M _{uy} lb-ft	φM _{uy} lb-ft	Ratio $\frac{M_{uy}}{\phi M_{uy}}$
L1	150.42 - 96.47 (1)	TP42.8x28.75x0.381	680559.17	3007358.33	0.226	0.00	3007358.33	0.000
L2	96.47 - 46.72 (2)	TP54.2x40.3452x0.513	1747291.67	6710550.00	0.260	0.00	6710550.00	0.000
L3	46.72 - 1 (3)	TP65x51.573x0.572	3287116.67	11139166.67	0.295	0.00	11139166.67	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V _u lb	φV _n lb	Ratio $\frac{V_u}{\phi V_n}$	Actual T _u lb-ft	φT _n lb-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	150.42 - 96.47 (1)	TP42.8x28.75x0.381	17519.60	1798180.00	0.010	6176.43	6030558.00	0.001
L2	96.47 - 46.72 (2)	TP54.2x40.3452x0.513	25432.80	3138850.00	0.008	6173.41	13457416.00	0.000
L3	46.72 - 1 (3)	TP65x51.573x0.572	33271.20	4208160.00	0.008	6172.07	22335333.33	0.000

Pole Interaction Design Data

Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{ux}}$	Ratio $\frac{M_{uy}}{\phi M_{uy}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	150.42 - 96.47 (1)	0.019	0.226	0.000	0.010	0.001	0.245	1.000	4.8.2 ✓
L2	96.47 - 46.72 (2)	0.015	0.260	0.000	0.008	0.000	0.275	1.000	4.8.2 ✓

tnxTower Hudson Design Group LLC 45 Beechwood Drive North Andover, MA 01845 Phone: (978)-557-5553 FAX: (978)-336-5586	Job	Dayville CT	Page	8 of 8
	Project	5GSB6 2021	Date	15:16:01 09/22/21
	Client	Verizon	Designed by	LBW

Section No.	Elevation ft	Ratio P_u	Ratio M_{ux}	Ratio M_{uy}	Ratio V_u	Ratio T_u	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L3	46.72 - 1 (3)	0.014	0.295	0.000	0.008	0.000	0.309	1.000	4.8.2 ✓

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P lb	ϕP_{allow} lb	% Capacity	Pass Fail	
L1	150.42 - 96.47	Pole	TP42.8x28.75x0.381	1	-13581.60	723388.00	24.5	Pass	
L2	96.47 - 46.72	Pole	TP54.2x40.3452x0.513	2	-30445.70	2037530.00	27.5	Pass	
L3	46.72 - 1	Pole	TP65x51.573x0.572	3	-55595.10	4102820.00	30.9	Pass	
							Summary		
							Pole (L3)	30.9	Pass
							RATING =	30.9	Pass

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

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

Site Data	
BU#:	0
Site Name:	Dayville CT
App #:	0
Pole Manufacturer:	Other

Reactions		
Mu:	3287	ft-kips
Axial, Pu:	56	kips
Shear, Vu:	33	kips
Eta Factor, η	0.5	TIA G (Fig. 4-4)

Anchor Rod Data		
Qty:	30	
Diam:	2.25	in
Rod Material:	A615-J	
Strength (Fu):	100	ksi
Yield (Fy):	75	ksi
Bolt Circle:	73.8	in

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

Anchor Rod Results
 Max Rod (Cu+ Vu/r): 75.3 Kips
 Allowable Axial, $\Phi \cdot Fu \cdot Anet$: 260.0 Kips
 Anchor Rod Stress Ratio: 29.0% Pass

Rigid
AISC LRFD
$\phi \cdot Tn$

Plate Data		
Diam:	82	in
Thick:	3	in
Grade:	50	ksi
Single-Rod B-eff:	6.88	in

Base Plate Results
 Base Plate Stress: 12.7 ksi
 Allowable Plate Stress: 45.0 ksi
 Base Plate Stress Ratio: 28.2% Pass

Flexural Check

Rigid
AISC LRFD
$\phi \cdot Fy$
Y.L. Length: 34.95

Stiffener Data (Welding at both sides)		
Config:	0	*
Weld Type:		
Groove Depth:		<-- Disregard
Groove Angle:		<-- Disregard
Fillet H. Weld:		in
Fillet V. Weld:		in
Width:		in
Height:		in
Thick:		in
Notch:		in
Grade:		ksi
Weld str.:		ksi

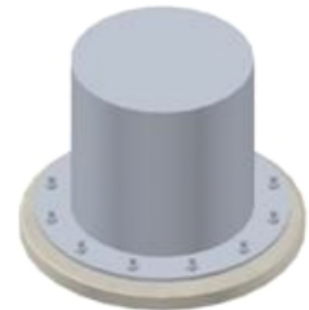
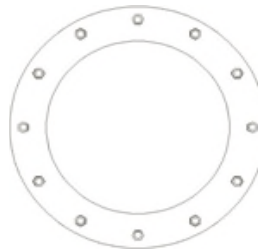
n/a

Stiffener Results
 Horizontal Weld : n/a
 Vertical Weld: n/a
 Plate Flex+Shear, $fb/Fb+(fv/Fv)^2$: n/a
 Plate Tension+Shear, $ft/Ft+(fv/Fv)^2$: n/a
 Plate Comp. (AISC Bracket): n/a

Pole Results

Pole Punching Shear Check: n/a

Pole Data		
Diam:	65	in
Thick:	0.572	in
Grade:	65	ksi
# of Sides:	18	"0" IF Round
Fu	80	ksi
Reinf. Fillet Weld	0	"0" if None



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

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

Monopole Pier and Pad Foundation

BU # :

Site Name: Dayville CT

App. Number:

TIA-222 Revision: G

Design Reactions		
Shear, S:	33.253	kips
Moment, M:	3287.119	ft-kips
Tower Height, H:	150.42	ft
Tower Weight, Wt:	55.606	kips
Base Diameter, BD:	4.58	ft

Foundation Dimensions		
Depth, D:	6	ft
Pad Width, W:	37	ft
Neglected Depth, N:	0	ft
Thickness, T:	3.00	ft
Pier Diameter, Pd:	8.00	ft
Ext. Above Grade, E:	1.00	ft
BP Dist. Above Pier:	3	in.
Clear Cover, Cc:	3.0	in

Soil Properties		
Soil Unit Weight, γ:	0.141	kcf
Ult. Bearing Capacity, Bc:	12.0	ksf
Angle of Friction, Φ:	30	deg
Cohesion, C_o:	0.000	ksf
Passive Pressure, P_p:	0.000	ksf
Base Friction, μ:	0.65	

Material Properties		
Rebar Yield Strength, F_y:	60000	psi
Concrete Strength, F'_c:	4000	psi
Concrete Unit Weight, δ_c:	0.150	kcf
Seismic Zone, z:	1	

Rebar Properties		
Pier Rebar Size, Sp:	10	
Pier Rebar Quantity, mp:	52	29
Pad Rebar Size, Spad:	9	
Pad Rebar Quantity, mpad:	118	15
Pier Tie Size, St:	4	3
Tie Quantity, mt:	8	5

Design Checks			
	Capacity/ Availability	Demand/ Limits	Check
<i>Req'd Pier Diam.(ft)</i>	8	6.08	OK
<i>Overtuning (ft-kips)</i>	19506.03	3287.12	16.9%
<i>Shear Capacity (kips)</i>	641.33	33.25	5.2%
<i>Bearing (ksf)</i>	9.00	1.37	15.2%
<i>Pad Shear - 1-way (kips)</i>	1366.25	543.41	39.8%
<i>Pad Shear - 2-way (kips)</i>	2483.22	108.38	4.4%
<i>Pad Moment Capacity (k-ft)</i>	15978.33	1356.04	8.5%
<i>Pier Moment Capacity (k-ft)</i>	9815.92	3420.13	34.8%



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Antenna Mount Analysis Report with Hardware Upgrades

Mount Analysis

SMART Tool Project #: 10049000
 Maser Consulting Connecticut Project #: 21777423A

August 5, 2021

Site Information

Site ID: 468690-VZW / DAYVILLE CT - A
 Site Name: DAYVILLE CT - A
 Carrier Name: Verizon Wireless
 Address: 520 Bailey Hill Road
 Dayville, Connecticut 06241
 Windham County
 Latitude: 41.83243333°
 Longitude: -71.80923055°

Structure Information

Tower Type: 149-Ft Monopole
 Mount Type: 13.33-Ft Platform

FUZE ID # 16272147

Analysis Results

Platform: 68.1% Pass*

*Results valid after hardware upgrades noted in the PMI Requirements are installed.

*****Contractor PMI Requirements:**

Included at the end of this MA report

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

Contractor - Please Review Specific Site PMI Requirements Upon Award Requirements may also be Noted on A & E drawings

Report Prepared By: Guido Marsile



Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
<i>Radio Frequency Data Sheet (RFDS)</i>	<i>Verizon RFDS, Site ID: 5002710, dated July 29, 2021</i>
<i>Mount Mapping Report</i>	<i>RKS Engineering & Design, LLC, Site ID: VZW:468690, dated April 13, 2021</i>

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT} : 122 mph Ice Wind Speed (3-sec. Gust): 50 mph Design Ice Thickness: 1.00 in Risk Category: II Exposure Category: B Topographic Category: 1 Topographic Feature Considered: N/A Topographic Method: N/A Ground Elevation Factor, K_e : 0.972
Seismic Parameters:	S_s : 0.186 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 mount:

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
148.00	150.00	2	Commscope	JAHH-65B-R3B	Added
		4	Commscope	JAHH-45B-R3B	
		3	Samsung	MT6407-77A	
		3	Commscope	CBC78T-DS-43-2X	
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4440d-13A	
		2	Raycap	RRFDC-3315-PF-48	Retained

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

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

Standard Conditions:

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

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

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

3. For mount analyses completed from other data sources (including new replacement mounts) and not specifically mapped by Maser Consulting Connecticut, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer’s specifications.
4. All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.

5. The mount was checked up to, and including, the bolts that fasten it to the mount collar/attachment and threaded rod connections in collar members if applicable. Local deformation and interaction between the mount collar/attachment and the supporting tower structure are outside the scope of this analysis.
6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. Maser Consulting Connecticut is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.
7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:
 - o Channel, Solid Round, Angle, Plate ASTM A36 (Gr. 36)
 - o HSS (Rectangular) ASTM 500 (Gr. B-46)
 - o Pipe ASTM A53 (Gr. B-35)
 - o Threaded Rod F1554 (Gr. 36)
 - o Bolts ASTM A325

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

Analysis Results:

Component	Utilization %	Pass/Fail
Antenna Pipe	28.8%	Pass
Face Horizontal	30.2%	Pass
Face Vertical	34.5%	Pass
Face Bracing	6.4%	Pass
Face Diagonal	14.5%	Pass
Grating Support	68.1%	Pass
Mount Frame	56.7%	Pass
Support Rail	28.4%	Pass
Connector Plate	19.0%	Pass
Standoff Horizontal	61.8%	Pass
Kicker	23.1%	Pass
Connection Check	37.1%	Pass
Structure Rating – (Controlling Utilization of all Components)		68.1%

Recommendation:

The existing mount will be **SUFFICIENT** for the final loading upon the completion of the recommendations listed in the Special Instructions section of the below referenced PMI document.

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



Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #
1	COAX TOTAL(2): (2)1.57"Ø HYBRID	60
2	BOLTS ARE MISSING IN SECTOR B	605
3		
4		
5		
6		
7		
8		

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

Mapping Notes
<ol style="list-style-type: none"> 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
<ol style="list-style-type: none"> 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.



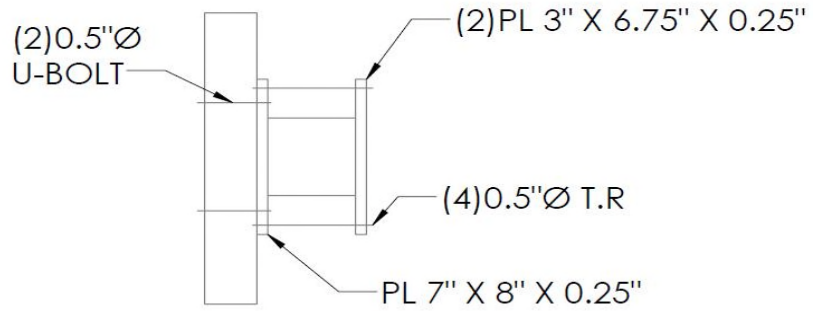
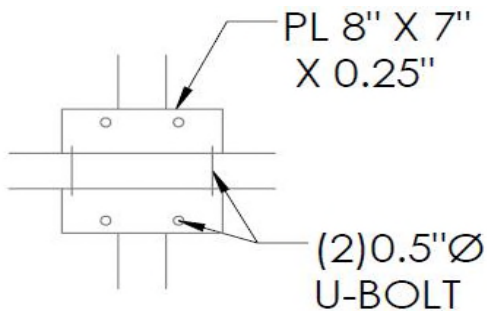
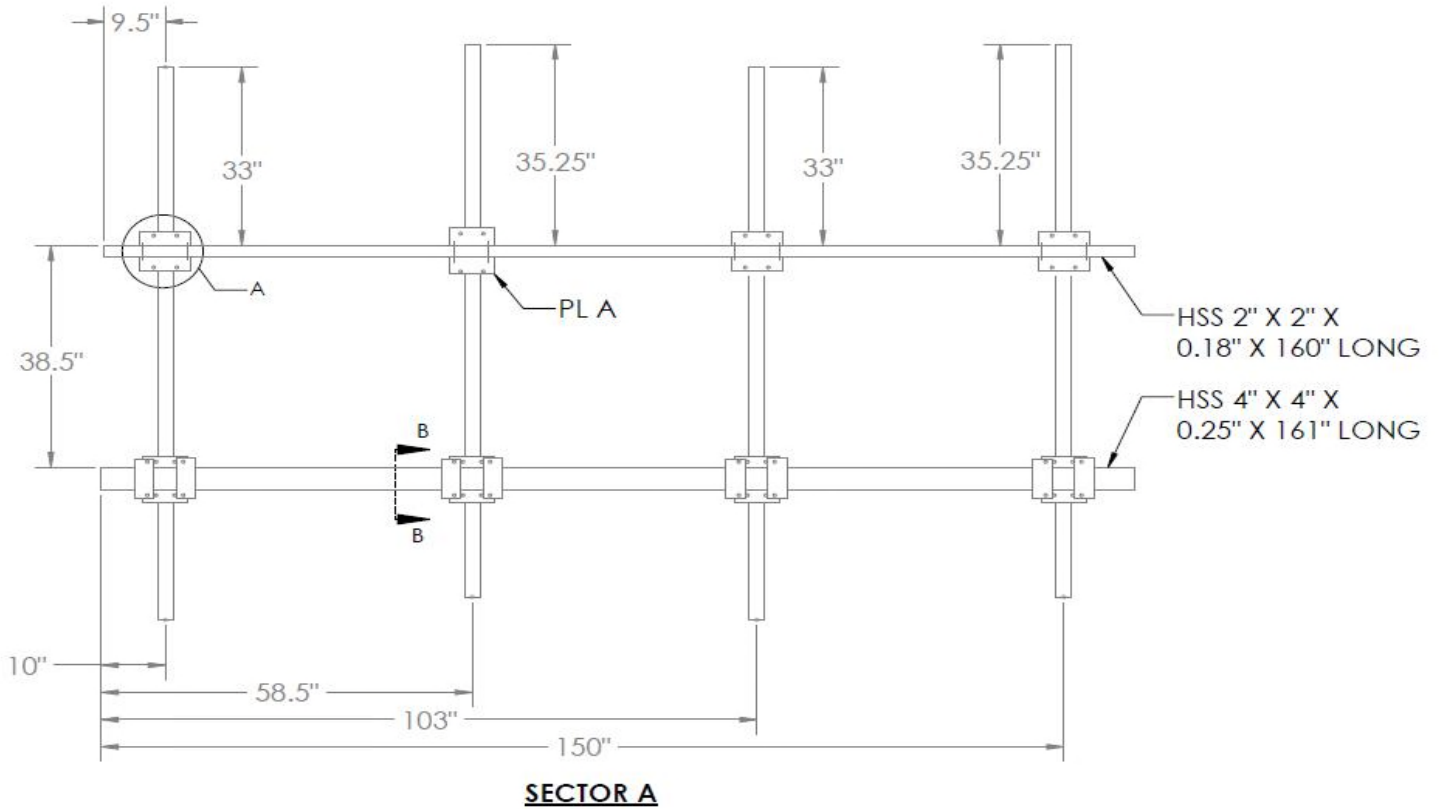
Antenna Mount Mapping Form (PATENT PENDING)

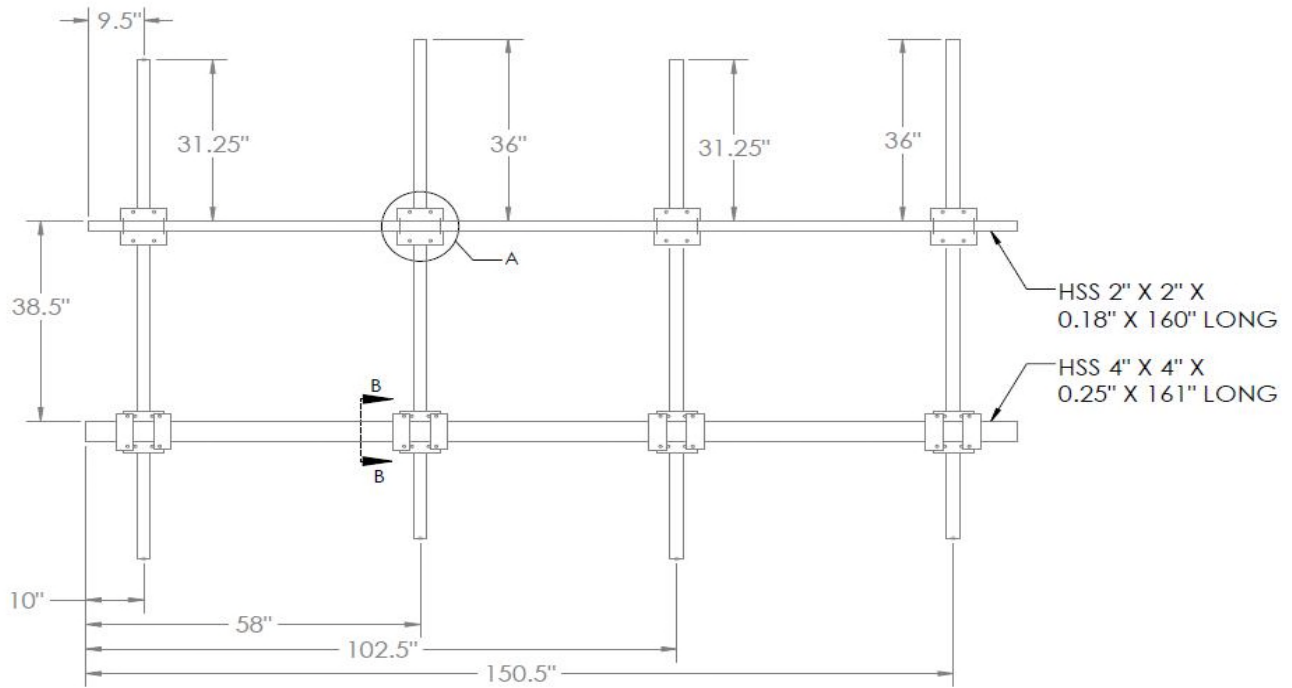
FCC #
UNKNOWN

Tower Owner:	VERIZON WIRELESS	Mapping Date:	4/13/2021
Site Name:	VZW:DAYVILLE CT - A	Tower Type:	Monopole
Site Number or ID:	VZW:468690	Tower Height (Ft.):	148.5
Mapping Contractor:	RKS Design & Engineering, LLC	Mount Elevation (Ft.):	144.75

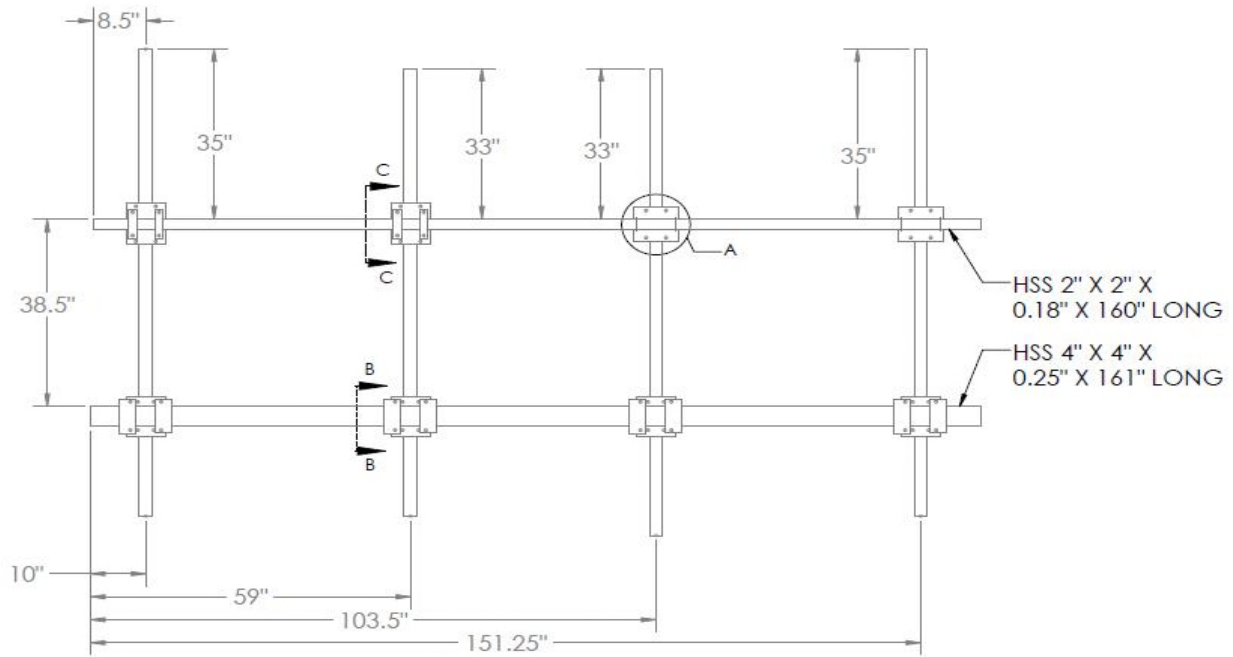
This antenna mapping form is the property of TES and under **PATENT PENDING**. The formation contained herein is considered confidential in nature and is to be used only for the specific customer it was intended for. Reproduction, transmission, publication, modification or disclosure by any method is 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

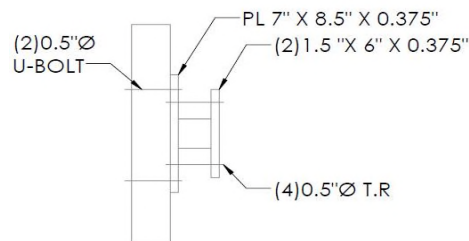




SECTOR C

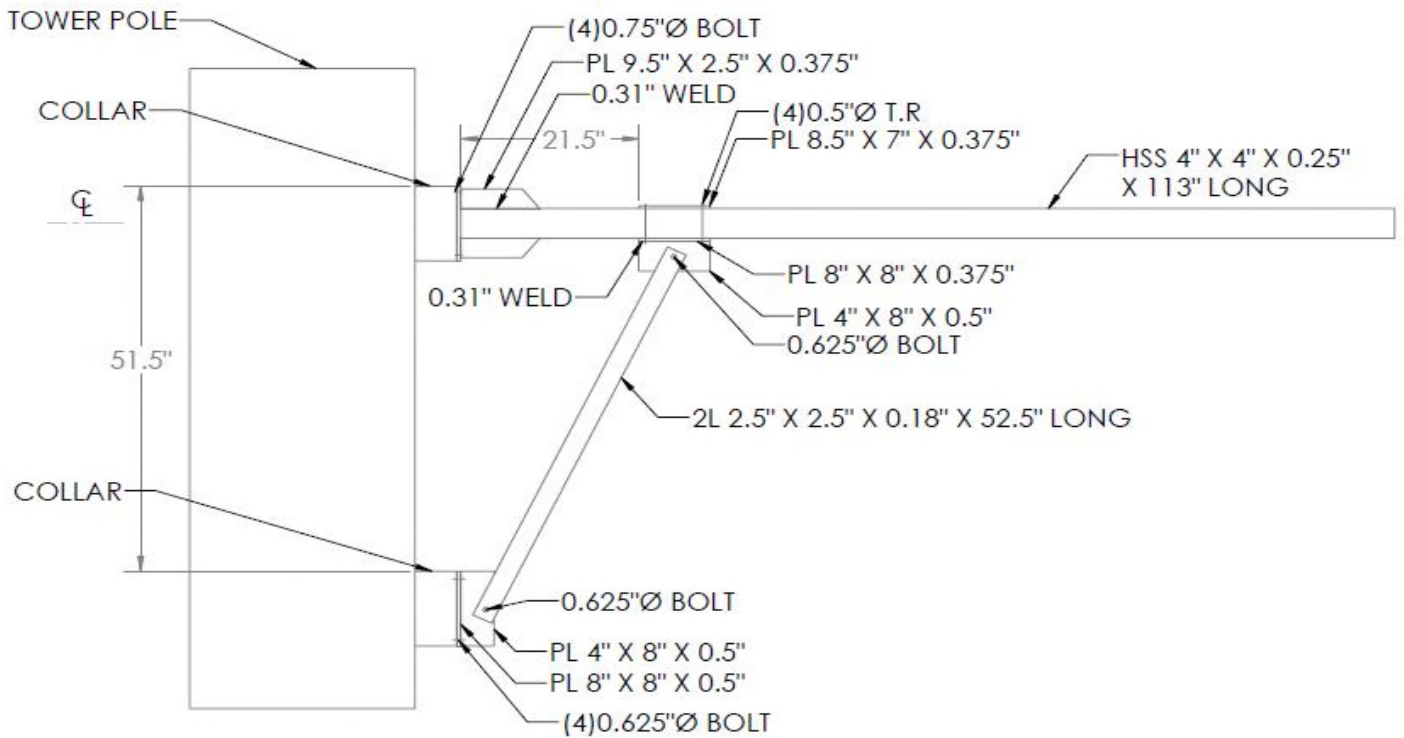
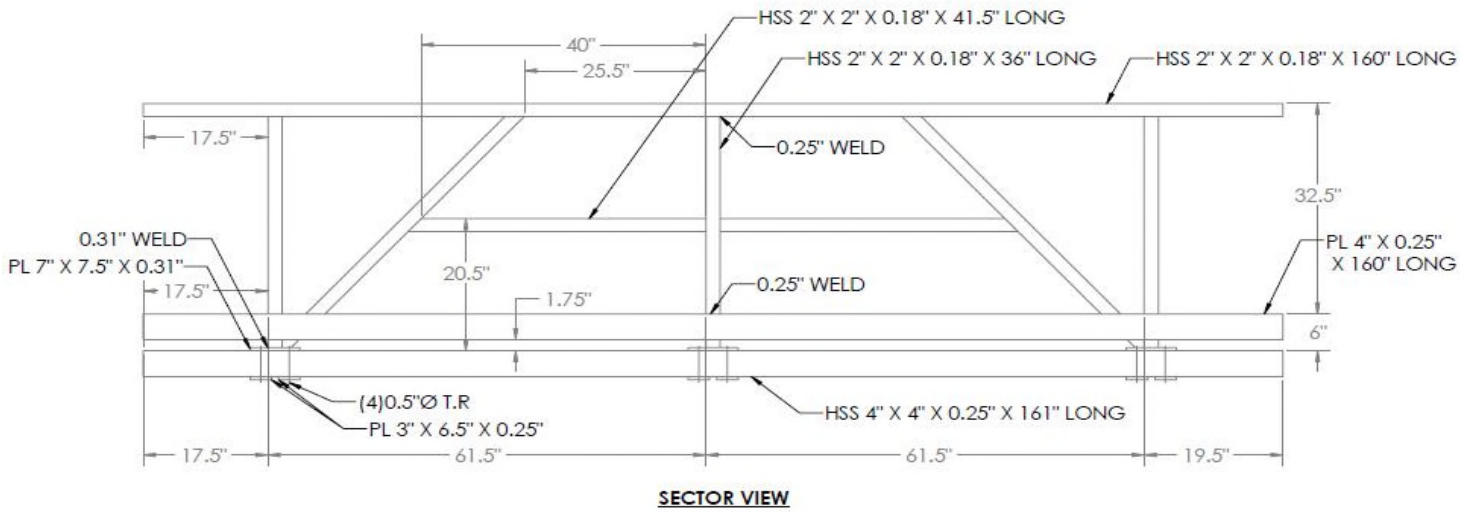


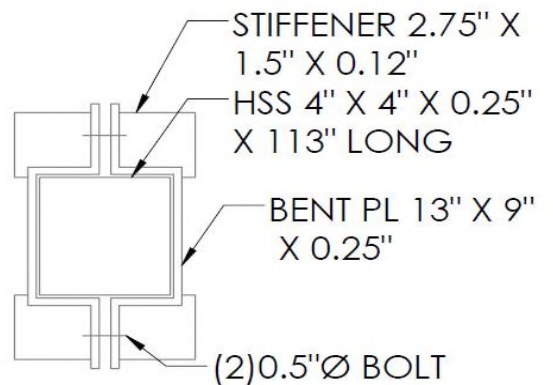
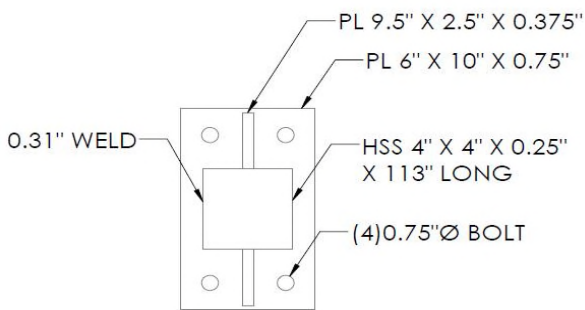
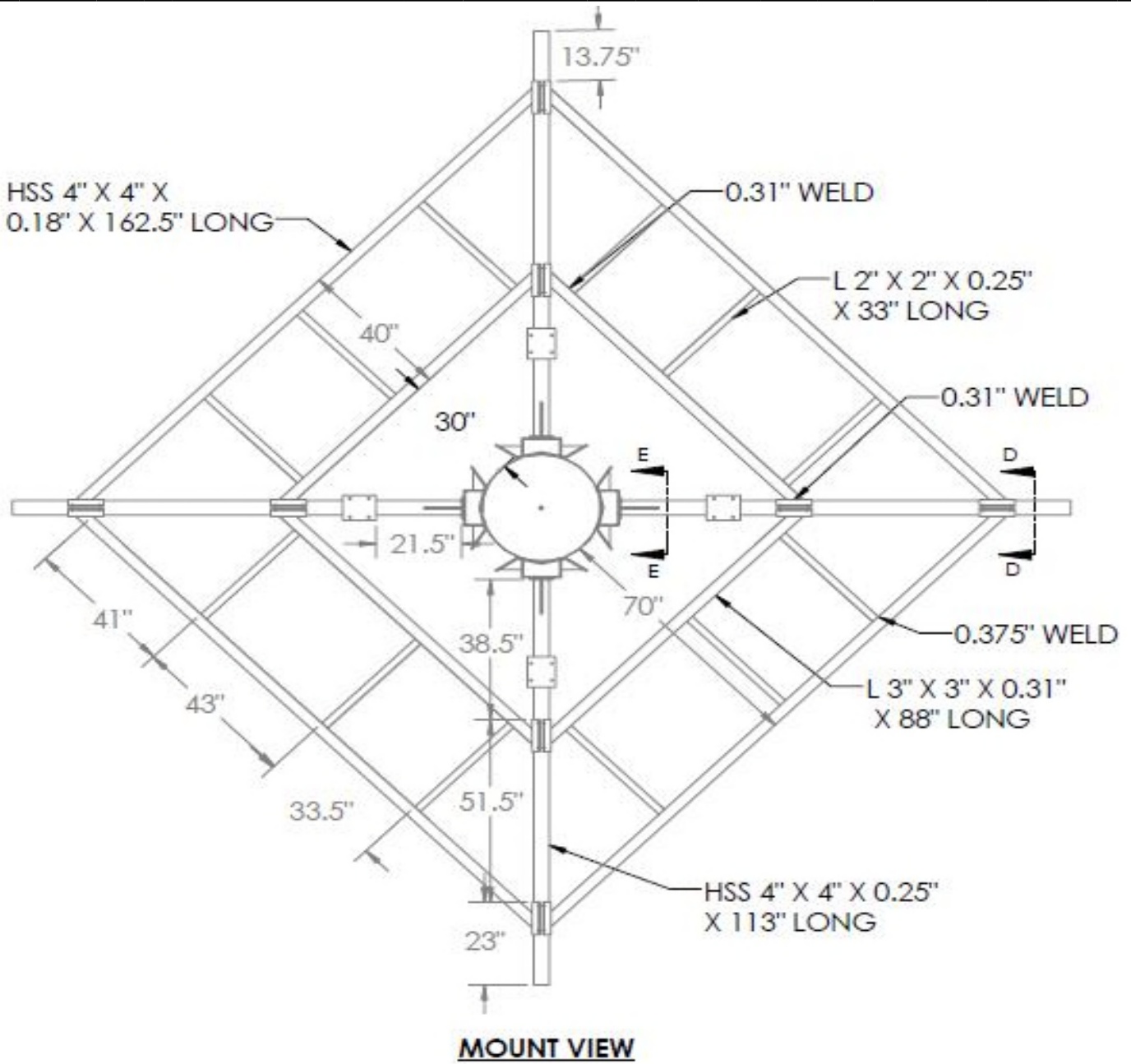
SECTOR D

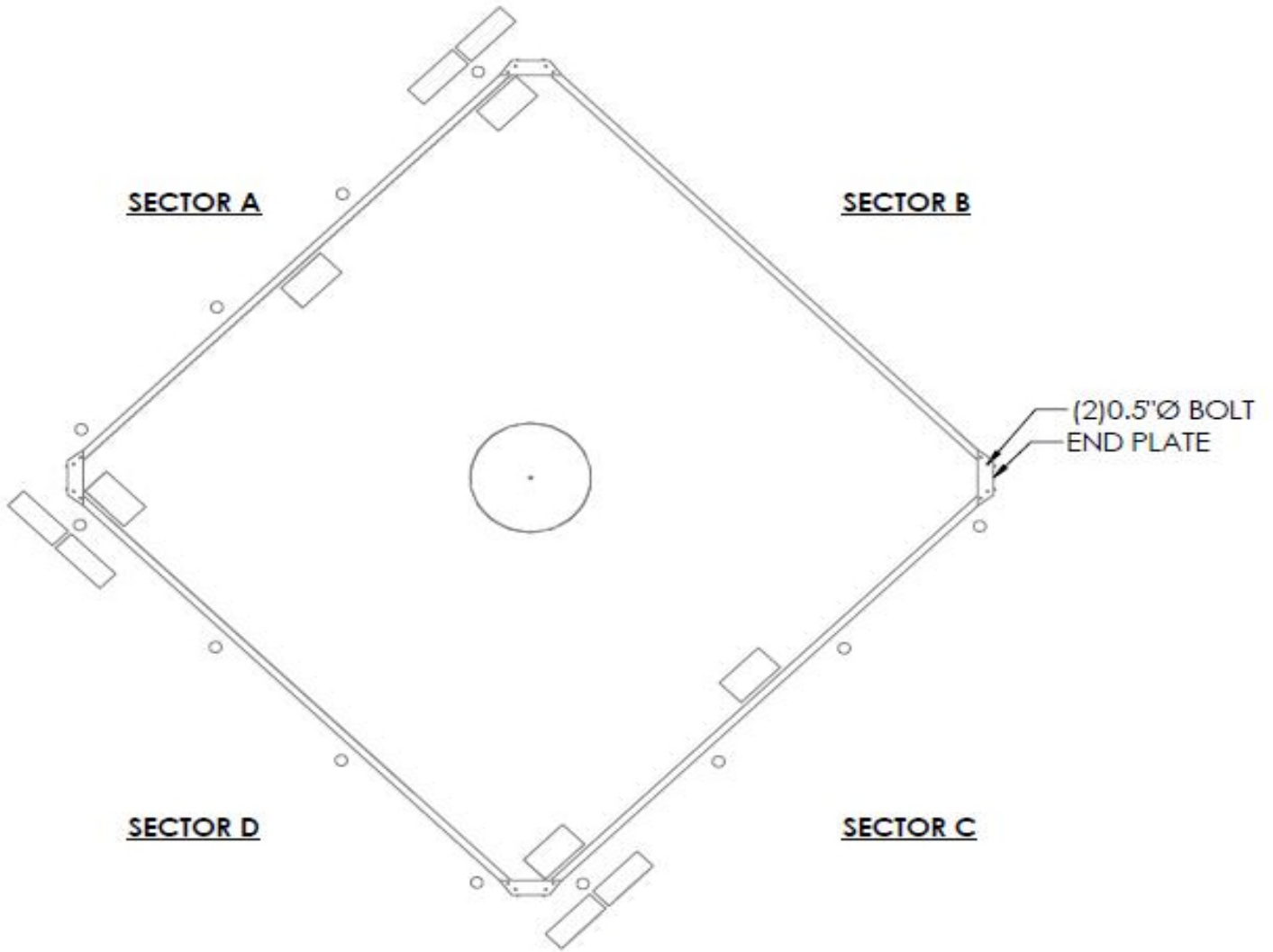


SECTION C-C

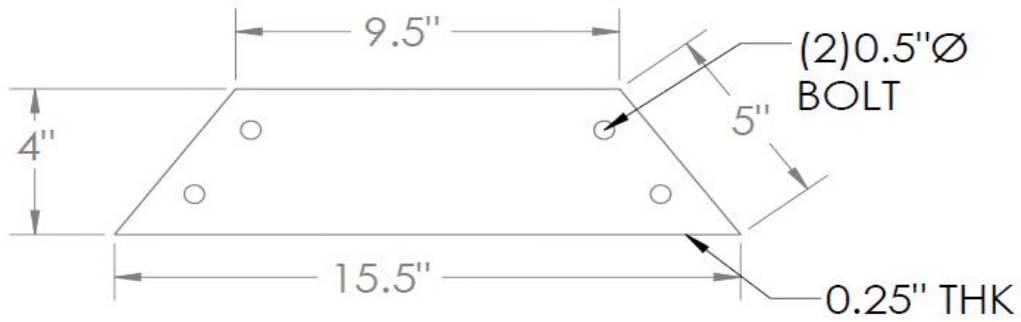
Please Insert Sketches of the Antenna Mount, cont'd



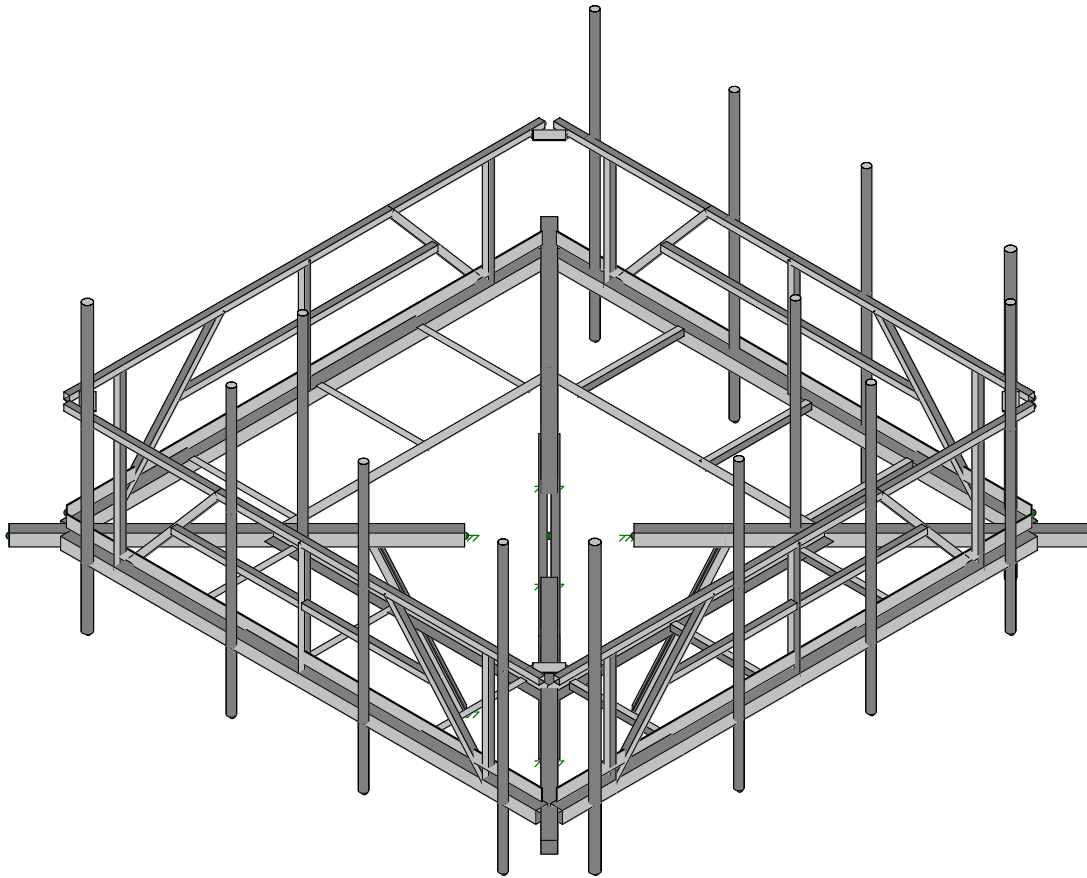
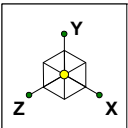




ANTENNA PLAN VIEW



END PLATE DETAIL



Envelope Only Solution

Maser Consulting

468690-VZW_MT_LO_H

SK - 1
Aug 5, 2021 at 11:39 AM
468690-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					87		
2	Antenna Di	None					87		
3	Antenna Wo (0 Deg)	None					87		
4	Antenna Wo (30 Deg)	None					87		
5	Antenna Wo (60 Deg)	None					87		
6	Antenna Wo (90 Deg)	None					87		
7	Antenna Wo (120 Deg)	None					87		
8	Antenna Wo (150 Deg)	None					87		
9	Antenna Wo (180 Deg)	None					87		
10	Antenna Wo (210 Deg)	None					87		
11	Antenna Wo (240 Deg)	None					87		
12	Antenna Wo (270 Deg)	None					87		
13	Antenna Wo (300 Deg)	None					87		
14	Antenna Wo (330 Deg)	None					87		
15	Antenna Wi (0 Deg)	None					87		
16	Antenna Wi (30 Deg)	None					87		
17	Antenna Wi (60 Deg)	None					87		
18	Antenna Wi (90 Deg)	None					87		
19	Antenna Wi (120 Deg)	None					87		
20	Antenna Wi (150 Deg)	None					87		
21	Antenna Wi (180 Deg)	None					87		
22	Antenna Wi (210 Deg)	None					87		
23	Antenna Wi (240 Deg)	None					87		
24	Antenna Wi (270 Deg)	None					87		
25	Antenna Wi (300 Deg)	None					87		
26	Antenna Wi (330 Deg)	None					87		
27	Antenna Wm (0 Deg)	None					87		
28	Antenna Wm (30 Deg)	None					87		
29	Antenna Wm (60 Deg)	None					87		
30	Antenna Wm (90 Deg)	None					87		
31	Antenna Wm (120 Deg)	None					87		
32	Antenna Wm (150 Deg)	None					87		
33	Antenna Wm (180 Deg)	None					87		
34	Antenna Wm (210 Deg)	None					87		
35	Antenna Wm (240 Deg)	None					87		
36	Antenna Wm (270 Deg)	None					87		
37	Antenna Wm (300 Deg)	None					87		
38	Antenna Wm (330 Deg)	None					87		
39	Structure D	None		-1					4
40	Structure Di	None						86	4
41	Structure Wo (0 Deg)	None						172	
42	Structure Wo (30 Deg)	None						172	
43	Structure Wo (60 Deg)	None						172	
44	Structure Wo (90 Deg)	None						172	
45	Structure Wo (120 D...	None						172	
46	Structure Wo (150 D...	None						172	
47	Structure Wo (180 D...	None						172	
48	Structure Wo (210 D...	None						172	
49	Structure Wo (240 D...	None						172	
50	Structure Wo (270 D...	None						172	
51	Structure Wo (300 D...	None						172	
52	Structure Wo (330 D...	None						172	
53	Structure Wi (0 Deg)	None						172	
54	Structure Wi (30 Deg)	None						172	
55	Structure Wi (60 Deg)	None						172	
56	Structure Wi (90 Deg)	None						172	



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						172	
58	Structure Wi (150 De..	None						172	
59	Structure Wi (180 De..	None						172	
60	Structure Wi (210 De..	None						172	
61	Structure Wi (240 De..	None						172	
62	Structure Wi (270 De..	None						172	
63	Structure Wi (300 De..	None						172	
64	Structure Wi (330 De..	None						172	
65	Structure Wm (0 Deg)	None						172	
66	Structure Wm (30 De..	None						172	
67	Structure Wm (60 De..	None						172	
68	Structure Wm (90 De..	None						172	
69	Structure Wm (120 D..	None						172	
70	Structure Wm (150 D..	None						172	
71	Structure Wm (180 D..	None						172	
72	Structure Wm (210 D..	None						172	
73	Structure Wm (240 D..	None						172	
74	Structure Wm (270 D..	None						172	
75	Structure Wm (300 D..	None						172	
76	Structure Wm (330 D..	None						172	
77	Lm1	None					1		
78	Lm2	None					1		
79	Lv1	None					1		
80	Lv2	None					1		
81	BLC 39 Transient Are..	None						100	
82	BLC 40 Transient Are..	None						100	

Load Combinations

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



Load Combinations (Continued)

Description	Sol.	PD	SR	BLC Fact.	BLC Fact.	BLC Fact.	BLC Fact.	BLC Fact.	BLC Fact.	BLC Fact.	BLC Fact.	BLC Fact.	BLC Fact.	BLC Fact.
27	1.2D + 1.5L...	Yes	Y	1	1.2	39	1.2	77	1.5	29	1	67	1	
28	1.2D + 1.5L...	Yes	Y	1	1.2	39	1.2	77	1.5	30	1	68	1	
29	1.2D + 1.5L...	Yes	Y	1	1.2	39	1.2	77	1.5	31	1	69	1	
30	1.2D + 1.5L...	Yes	Y	1	1.2	39	1.2	77	1.5	32	1	70	1	
31	1.2D + 1.5L...	Yes	Y	1	1.2	39	1.2	77	1.5	33	1	71	1	
32	1.2D + 1.5L...	Yes	Y	1	1.2	39	1.2	77	1.5	34	1	72	1	
33	1.2D + 1.5L...	Yes	Y	1	1.2	39	1.2	77	1.5	35	1	73	1	
34	1.2D + 1.5L...	Yes	Y	1	1.2	39	1.2	77	1.5	36	1	74	1	
35	1.2D + 1.5L...	Yes	Y	1	1.2	39	1.2	77	1.5	37	1	75	1	
36	1.2D + 1.5L...	Yes	Y	1	1.2	39	1.2	77	1.5	38	1	76	1	
37	1.2D + 1.5L...	Yes	Y	1	1.2	39	1.2	78	1.5	27	1	65	1	
38	1.2D + 1.5L...	Yes	Y	1	1.2	39	1.2	78	1.5	28	1	66	1	
39	1.2D + 1.5L...	Yes	Y	1	1.2	39	1.2	78	1.5	29	1	67	1	
40	1.2D + 1.5L...	Yes	Y	1	1.2	39	1.2	78	1.5	30	1	68	1	
41	1.2D + 1.5L...	Yes	Y	1	1.2	39	1.2	78	1.5	31	1	69	1	
42	1.2D + 1.5L...	Yes	Y	1	1.2	39	1.2	78	1.5	32	1	70	1	
43	1.2D + 1.5L...	Yes	Y	1	1.2	39	1.2	78	1.5	33	1	71	1	
44	1.2D + 1.5L...	Yes	Y	1	1.2	39	1.2	78	1.5	34	1	72	1	
45	1.2D + 1.5L...	Yes	Y	1	1.2	39	1.2	78	1.5	35	1	73	1	
46	1.2D + 1.5L...	Yes	Y	1	1.2	39	1.2	78	1.5	36	1	74	1	
47	1.2D + 1.5L...	Yes	Y	1	1.2	39	1.2	78	1.5	37	1	75	1	
48	1.2D + 1.5L...	Yes	Y	1	1.2	39	1.2	78	1.5	38	1	76	1	
49	1.2D + 1.5Lv1	Yes	Y	1	1.2	39	1.2	79	1.5					
50	1.2D + 1.5Lv2	Yes	Y	1	1.2	39	1.2	80	1.5					
51	1.4D	Yes	Y	1	1.4	39	1.4							
52	Seismic Mass		Y	1	1	39	1							
53	1.2D + 1.0E...		Y	1	1.2	39	1.2	SX		SY	1	SZ	-1	
54	1.2D + 1.0E...		Y	1	1.2	39	1.2	SX	.5	SY	1	SZ	-.866	
55	1.2D + 1.0E...		Y	1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5	
56	1.2D + 1.0E...		Y	1	1.2	39	1.2	SX	1	SY	1	SZ		
57	1.2D + 1.0E...		Y	1	1.2	39	1.2	SX	.866	SY	1	SZ	.5	
58	1.2D + 1.0E...		Y	1	1.2	39	1.2	SX	.5	SY	1	SZ	.866	
59	1.2D + 1.0E...		Y	1	1.2	39	1.2	SX		SY	1	SZ	1	
60	1.2D + 1.0E...		Y	1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866	
61	1.2D + 1.0E...		Y	1	1.2	39	1.2	SX	-.866	SY	1	SZ	.5	
62	1.2D + 1.0E...		Y	1	1.2	39	1.2	SX	-1	SY	1	SZ		
63	1.2D + 1.0E...		Y	1	1.2	39	1.2	SX	-.866	SY	1	SZ	-.5	
64	1.2D + 1.0E...		Y	1	1.2	39	1.2	SX	-.5	SY	1	SZ	-.866	

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	-0.	0	6.8725	0	
2	N2	6.666667	0	6.8725	0	
3	N3	-6.666667	0	6.8725	0	
4	N4	6.666667	3.25	6.8725	0	
5	N5	-6.666667	3.25	6.8725	0	
6	N6	6.666667	0.458333	6.8725	0	
7	N7	-6.666667	0.458333	6.8725	0	
8	N8	-0.	3.25	6.8725	0	
9	N9	5.166667	0	6.8725	0	
10	N10	5.166667	3.25	6.8725	0	
11	N11	-5.166667	0	6.8725	0	
12	N12	-5.166667	3.25	6.8725	0	
13	N13	-3.663462	1.75	6.8725	0	
14	N14	3.663462	1.75	6.8725	0	



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
15	N15	-0.	1.75	6.8725	0	
16	N16	-2.375	3.25	6.8725	0	
17	N18	2.375	3.25	6.8725	0	
18	N18A	0	0	0	0	
19	N60	-3.291667	0	6.8725	0	
20	N61	-0.458333	0	6.8725	0	
21	N62A	3.125	0	6.8725	0	
22	N22	6.8725	0	0.	0	
23	N23	6.8725	0	-6.666667	0	
24	N24	6.8725	0	6.666667	0	
25	N25	6.8725	3.25	-6.666667	0	
26	N26	6.8725	3.25	6.666667	0	
27	N27	6.8725	0.458333	-6.666667	0	
28	N28	6.8725	0.458333	6.666667	0	
29	N29	6.8725	3.25	0.	0	
30	N30	6.8725	0	-5.166667	0	
31	N31	6.8725	3.25	-5.166667	0	
32	N32	6.8725	0	5.166667	0	
33	N33	6.8725	3.25	5.166667	0	
34	N34	6.8725	1.75	3.663462	0	
35	N35	6.8725	1.75	-3.663462	0	
36	N36	6.8725	1.75	0.	0	
37	N37	6.8725	3.25	2.375	0	
38	N38	6.8725	3.25	-2.375	0	
39	N39	6.8725	0	3.291667	0	
40	N40	6.8725	0	0.458333	0	
41	N41	6.8725	0	-3.125	0	
42	N42	-0.	0	-6.8725	0	
43	N43	-6.666667	0	-6.8725	0	
44	N44	6.666667	0	-6.8725	0	
45	N45	-6.666667	3.25	-6.8725	0	
46	N46	6.666667	3.25	-6.8725	0	
47	N47	-6.666667	0.458333	-6.8725	0	
48	N48	6.666667	0.458333	-6.8725	0	
49	N49	-0.	3.25	-6.8725	0	
50	N50	-5.166667	0	-6.8725	0	
51	N51	-5.166667	3.25	-6.8725	0	
52	N52	5.166667	0	-6.8725	0	
53	N53	5.166667	3.25	-6.8725	0	
54	N54	3.663462	1.75	-6.8725	0	
55	N55	-3.663462	1.75	-6.8725	0	
56	N56	-0.	1.75	-6.8725	0	
57	N57	2.375	3.25	-6.8725	0	
58	N58	-2.375	3.25	-6.8725	0	
59	N59	3.291667	0	-6.8725	0	
60	N60A	0.458333	0	-6.8725	0	
61	N61A	-3.125	0	-6.8725	0	
62	N62	-6.8725	0	0.	0	
63	N63	-6.8725	0	6.666667	0	
64	N64	-6.8725	0	-6.666667	0	
65	N65	-6.8725	3.25	6.666667	0	
66	N66	-6.8725	3.25	-6.666667	0	
67	N67	-6.8725	0.458333	6.666667	0	
68	N68	-6.8725	0.458333	-6.666667	0	
69	N69	-6.8725	3.25	0.	0	
70	N70	-6.8725	0	5.166667	0	
71	N71	-6.8725	3.25	5.166667	0	



Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
72	N72	-6.8725	0	-5.166667	0	
73	N73	-6.8725	3.25	-5.166667	0	
74	N74	-6.8725	1.75	-3.663462	0	
75	N75	-6.8725	1.75	3.663462	0	
76	N76	-6.8725	1.75	0.	0	
77	N77	-6.8725	3.25	-2.375	0	
78	N78	-6.8725	3.25	2.375	0	
79	N79	-6.8725	0	-3.291667	0	
80	N80	-6.8725	0	-0.458333	0	
81	N81	-6.8725	0	3.125	0	
82	N84	6.769583	0	6.769583	0	
83	N87	7.57981	0	-7.57981	0	
84	N88	1.189562	0	-1.189562	0	
85	N89	6.769583	0	-6.769583	0	
86	N94	-6.769583	0	-6.769583	0	
87	N99	-6.769583	0	6.769583	0	
88	N94A	-3.291667	0	3.890833	0	
89	N95	-0.458333	0	3.890833	0	
90	N96	3.125	0	3.890833	0	
91	N97A	3.890833	0	3.890833	0	
92	N98A	-3.890833	0	3.890833	0	
93	N165	-0.	0.458333	6.8725	0	
94	N166	5.166667	0.458333	6.8725	0	
95	N167	-5.166667	0.458333	6.8725	0	
96	N170	6.8725	0.458333	0.	0	
97	N171	6.8725	0.458333	-5.166667	0	
98	N172	6.8725	0.458333	5.166667	0	
99	N175	-0.	0.458333	-6.8725	0	
100	N176	-5.166667	0.458333	-6.8725	0	
101	N177	5.166667	0.458333	-6.8725	0	
102	N180	-6.8725	0.458333	0.	0	
103	N181	-6.8725	0.458333	5.166667	0	
104	N182	-6.8725	0.458333	-5.166667	0	
105	N185	-6.25	3.25	6.8725	0	
106	N186	6.25	3.25	6.8725	0	
107	N187	6.8725	3.25	6.25	0	
108	N188	6.8725	3.25	-6.25	0	
109	N189	6.25	3.25	-6.8725	0	
110	N190	-6.25	3.25	-6.8725	0	
111	N191	-6.8725	3.25	-6.25	0	
112	N192	-6.8725	3.25	6.25	0	
113	N185A	-4.77297	0.458333	6.8725	0	
114	N186A	4.77297	0.458333	6.8725	0	
115	N187A	6.8725	0.458333	4.77297	0	
116	N188A	6.8725	0.458333	-4.77297	0	
117	N189A	4.77297	0.458333	-6.8725	0	
118	N190A	-4.77297	0.458333	-6.8725	0	
119	N191A	-6.8725	0.458333	-4.77297	0	
120	N192A	-6.8725	0.458333	4.77297	0	
121	N193	3.440289	0	-3.440289	0	
122	N198	3.273622	-0.416667	-3.640289	0	
123	N199	3.273622	5.583333	-3.640289	0	
124	N200	3.273622	0	-3.640289	0	
125	N197	-3.440289	0	3.440289	0	
126	N198A	-3.273622	-0.416667	3.640289	0	
127	N199A	-3.273622	5.583333	3.640289	0	
128	N200A	-3.273622	0	3.640289	0	



Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
129	N205	3.890833	0	3.291667	0	
130	N206	3.890833	0	0.458333	0	
131	N207	3.890833	0	-3.125	0	
132	N208	3.890833	0	-3.890833	0	
133	N214	3.291667	0	-3.890833	0	
134	N215	0.458333	0	-3.890833	0	
135	N216	-3.125	0	-3.890833	0	
136	N217	-3.890833	0	-3.890833	0	
137	N223	-3.890833	0	-3.291667	0	
138	N224	-3.890833	0	-0.458333	0	
139	N225	-3.890833	0	3.125	0	
140	N141	-7.57981	0	-7.57981	0	
141	N142	-1.189562	0	-1.189562	0	
142	N144	-7.57981	0	7.57981	0	
143	N145	-1.189562	0	1.189562	0	
144	N147	7.57981	0	7.57981	0	
145	N148	1.189562	0	1.189562	0	
146	N146	-2.482748	0	2.482748	0	
147	N147A	-1.189562	-4.291667	1.189562	0	
148	N149	2.482748	0	2.482748	0	
149	N150	1.189562	-4.291667	1.189562	0	
150	N152	2.482748	0	-2.482748	0	
151	N153	1.189562	-4.291667	-1.189562	0	
152	N155	-2.482748	0	-2.482748	0	
153	N156	-1.189562	-4.291667	-1.189562	0	
154	N154	-5.833333	0	6.8725	0	
155	N155A	-5.833333	3.25	6.8725	0	
156	N156A	-1.791667	0	6.8725	0	
157	N157	-1.791667	3.25	6.8725	0	
158	N158	1.916667	0	6.8725	0	
159	N159	1.916667	3.25	6.8725	0	
160	N160	5.833333	0	6.8725	0	
161	N161	5.833333	3.25	6.8725	0	
162	N162	-5.833333	0	7.1225	0	
163	N163	-5.833333	3.25	7.1225	0	
164	N164	-1.791667	0	7.1225	0	
165	N165A	-1.791667	3.25	7.1225	0	
166	N166A	1.916667	0	7.1225	0	
167	N167A	1.916667	3.25	7.1225	0	
168	N168	5.833333	0	7.1225	0	
169	N169	5.833333	3.25	7.1225	0	
170	N170A	-5.833333	6.3125	7.1225	0	
171	N171A	-1.791667	6.3125	7.1225	0	
172	N172A	1.916667	6.3125	7.1225	0	
173	N173	5.833333	6.3125	7.1225	0	
174	N174	-5.833333	-1.6875	7.1225	0	
175	N175A	-1.791667	-1.6875	7.1225	0	
176	N176A	1.916667	-1.6875	7.1225	0	
177	N177A	5.833333	-1.6875	7.1225	0	
178	N179	6.8725	0	5.833333	0	
179	N180A	6.8725	3.25	5.833333	0	
180	N181A	6.8725	0	1.791667	0	
181	N182A	6.8725	3.25	1.791667	0	
182	N183	6.8725	0	-1.916667	0	
183	N184	6.8725	3.25	-1.916667	0	
184	N185B	6.8725	0	-5.833333	0	
185	N186B	6.8725	3.25	-5.833333	0	



Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
186	N187B	7.1225	0	5.833333	0	
187	N188B	7.1225	3.25	5.833333	0	
188	N189B	7.1225	0	1.791667	0	
189	N190B	7.1225	3.25	1.791667	0	
190	N191B	7.1225	0	-1.916667	0	
191	N192B	7.1225	3.25	-1.916667	0	
192	N193A	7.1225	0	-5.833333	0	
193	N194	7.1225	3.25	-5.833333	0	
194	N195	7.1225	6.3125	5.833333	0	
195	N196	7.1225	6.3125	1.791667	0	
196	N197A	7.1225	6.3125	-1.916667	0	
197	N198B	7.1225	6.3125	-5.833333	0	
198	N199B	7.1225	-1.6875	5.833333	0	
199	N200B	7.1225	-1.6875	1.791667	0	
200	N201	7.1225	-1.6875	-1.916667	0	
201	N202	7.1225	-1.6875	-5.833333	0	
202	N204	5.833333	0	-6.8725	0	
203	N205A	5.833333	3.25	-6.8725	0	
204	N206A	1.791667	0	-6.8725	0	
205	N207A	1.791667	3.25	-6.8725	0	
206	N208A	-1.916667	0	-6.8725	0	
207	N209	-1.916667	3.25	-6.8725	0	
208	N210	-5.833333	0	-6.8725	0	
209	N211	-5.833333	3.25	-6.8725	0	
210	N212	5.833333	0	-7.1225	0	
211	N213	5.833333	3.25	-7.1225	0	
212	N214A	1.791667	0	-7.1225	0	
213	N215A	1.791667	3.25	-7.1225	0	
214	N216A	-1.916667	0	-7.1225	0	
215	N217A	-1.916667	3.25	-7.1225	0	
216	N218	-5.833333	0	-7.1225	0	
217	N219	-5.833333	3.25	-7.1225	0	
218	N220	5.833333	6.3125	-7.1225	0	
219	N221	1.791667	6.3125	-7.1225	0	
220	N222	-1.916667	6.3125	-7.1225	0	
221	N223A	-5.833333	6.3125	-7.1225	0	
222	N224A	5.833333	-1.6875	-7.1225	0	
223	N225A	1.791667	-1.6875	-7.1225	0	
224	N226	-1.916667	-1.6875	-7.1225	0	
225	N227	-5.833333	-1.6875	-7.1225	0	
226	N226A	-6.25	3.25	6.705833	0	
227	N227A	6.25	3.25	6.705833	0	
228	N231	6.705833	3.25	6.25	0	
229	N232	6.705833	3.25	-6.25	0	
230	N236	6.25	3.25	-6.705833	0	
231	N237	-6.25	3.25	-6.705833	0	
232	N241	-6.705833	3.25	-6.25	0	
233	N242	-6.705833	3.25	6.25	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Antenna Pipe	PIPE 2.0	Column	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
2	Dual Mounted Pipe	PIPE 2.5	Column	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
3	Face Horizontal	HSS4X4X4	Beam	SquareTu...	A500 Gr. B 42	Typical	3.37	7.8	7.8	12.8
4	Face Vertical	HSS2X2X3	Beam	SquareTu...	A500 Gr. B 42	Typical	1.19	.641	.641	1.09



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
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 Checked By: _____

Hot Rolled Steel Section Sets (Continued)

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
5	Face Bracing	HSS2X2X3	Beam	SquareTu...	A500 Gr. B 42	Typical	1.19	.641	.641	1.09
6	Face Diagonal	HSS2X2X3	Beam	SquareTu...	A500 Gr. B 42	Typical	1.19	.641	.641	1.09
7	Grating Support	L2x2x4	Beam	Single An...	A36 Gr.36	Typical	.944	.346	.346	.021
8	Mount Frame	L3X3X5	Beam	Single An...	A36 Gr.36	Typical	1.78	1.5	1.5	.06
9	Face Plate	PL1/4x4	Beam	RECT	A36 Gr.36	Typical	1	.005	1.333	.02
10	Support Rail	HSS2X2X3	Beam	SquareTu...	A500 Gr. B 42	Typical	1.19	.641	.641	1.09
11	Connector PLate	PL1/4x4	Beam	RECT	A36 Gr.36	Typical	1	.005	1.333	.02
12	Standoff Horizontal	HSS4X4X4	Beam	SquareTu...	A500 Gr. B 42	Typical	3.37	7.8	7.8	12.8
13	Kicker	LL2.5x2.5x3x0	Beam	SquareTu...	A500 Gr. B 42	Typical	1.8	1.91	1.07	.023

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N3	N2			Face Horizontal	Beam	SquareTube	A500 Gr. ...	Typical
2	M2	N5	N4			Support Rail	Beam	SquareTube	A500 Gr. ...	Typical
3	M3	N7	N6			Face Plate	Beam	RECT	A36 Gr.36	Typical
4	M4	N8	N1			Face Vertical	Beam	SquareTube	A500 Gr. ...	Typical
5	M5	N10	N9			Face Vertical	Beam	SquareTube	A500 Gr. ...	Typical
6	M6	N12	N11			Face Vertical	Beam	SquareTube	A500 Gr. ...	Typical
7	M7	N13	N15			Face Bracing	Beam	SquareTube	A500 Gr. ...	Typical
8	M8	N14	N15			Face Bracing	Beam	SquareTube	A500 Gr. ...	Typical
9	M9	N16	N11			Face Diagonal	Beam	SquareTube	A500 Gr. ...	Typical
10	M10	N18	N9			Face Diagonal	Beam	SquareTube	A500 Gr. ...	Typical
11	M11	N24	N23			Face Horizontal	Beam	SquareTube	A500 Gr. ...	Typical
12	M12	N26	N25			Support Rail	Beam	SquareTube	A500 Gr. ...	Typical
13	M13	N28	N27			Face Plate	Beam	RECT	A36 Gr.36	Typical
14	M14	N29	N22			Face Vertical	Beam	SquareTube	A500 Gr. ...	Typical
15	M15	N31	N30			Face Vertical	Beam	SquareTube	A500 Gr. ...	Typical
16	M16	N33	N32			Face Vertical	Beam	SquareTube	A500 Gr. ...	Typical
17	M17	N34	N36			Face Bracing	Beam	SquareTube	A500 Gr. ...	Typical
18	M18	N35	N36			Face Bracing	Beam	SquareTube	A500 Gr. ...	Typical
19	M19	N37	N32			Face Diagonal	Beam	SquareTube	A500 Gr. ...	Typical
20	M20	N38	N30			Face Diagonal	Beam	SquareTube	A500 Gr. ...	Typical
21	M21	N44	N43			Face Horizontal	Beam	SquareTube	A500 Gr. ...	Typical
22	M22	N46	N45			Support Rail	Beam	SquareTube	A500 Gr. ...	Typical
23	M23	N48	N47			Face Plate	Beam	RECT	A36 Gr.36	Typical
24	M24	N49	N42			Face Vertical	Beam	SquareTube	A500 Gr. ...	Typical
25	M25	N51	N50			Face Vertical	Beam	SquareTube	A500 Gr. ...	Typical
26	M26	N53	N52			Face Vertical	Beam	SquareTube	A500 Gr. ...	Typical
27	M27	N54	N56			Face Bracing	Beam	SquareTube	A500 Gr. ...	Typical
28	M28	N55	N56			Face Bracing	Beam	SquareTube	A500 Gr. ...	Typical
29	M29	N57	N52			Face Diagonal	Beam	SquareTube	A500 Gr. ...	Typical
30	M30	N58	N50			Face Diagonal	Beam	SquareTube	A500 Gr. ...	Typical
31	M31	N64	N63			Face Horizontal	Beam	SquareTube	A500 Gr. ...	Typical
32	M32	N66	N65			Support Rail	Beam	SquareTube	A500 Gr. ...	Typical
33	M33	N68	N67			Face Plate	Beam	RECT	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
34	M34	N69	N62			Face Vertical	Beam	SquareTube	A500 Gr. ...	Typical
35	M35	N71	N70			Face Vertical	Beam	SquareTube	A500 Gr. ...	Typical
36	M36	N73	N72			Face Vertical	Beam	SquareTube	A500 Gr. ...	Typical
37	M37	N74	N76			Face Bracing	Beam	SquareTube	A500 Gr. ...	Typical
38	M38	N75	N76			Face Bracing	Beam	SquareTube	A500 Gr. ...	Typical
39	M39	N77	N72			Face Diagonal	Beam	SquareTube	A500 Gr. ...	Typical
40	M40	N78	N70			Face Diagonal	Beam	SquareTube	A500 Gr. ...	Typical
41	M41	N2	N24			RIGID	None	None	RIGID	Typical
42	M43	N23	N44			RIGID	None	None	RIGID	Typical
43	M44	N87	N88			Standoff Horiz...	Beam	SquareTube	A500 Gr. ...	Typical
44	M45	N43	N64			RIGID	None	None	RIGID	Typical
45	M47	N63	N3			RIGID	None	None	RIGID	Typical
46	M51	N60	N94A		90	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
47	M52	N61	N95		90	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
48	M53	N62A	N96		90	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
49	M54	N98A	N97A			Mount Frame	Beam	Single Angle	A36 Gr.36	Typical
50	M92	N199	N198			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
51	M93	N200	N193			RIGID	None	None	RIGID	Typical
52	M92A	N199A	N198A			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
53	M93A	N200A	N197			RIGID	None	None	RIGID	Typical
54	M94	N39	N205		90	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
55	M95	N40	N206		90	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
56	M96	N41	N207		90	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
57	M97	N97A	N208			Mount Frame	Beam	Single Angle	A36 Gr.36	Typical
58	M98	N59	N214		90	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
59	M99	N60A	N215		90	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
60	M100	N61A	N216		90	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
61	M101	N208	N217			Mount Frame	Beam	Single Angle	A36 Gr.36	Typical
62	M102	N79	N223		90	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
63	M103	N80	N224		90	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
64	M104	N81	N225		90	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
65	M105	N217	N98A			Mount Frame	Beam	Single Angle	A36 Gr.36	Typical
66	M74	N141	N142			Standoff Horiz...	Beam	SquareTube	A500 Gr. ...	Typical
67	M75	N144	N145			Standoff Horiz...	Beam	SquareTube	A500 Gr. ...	Typical
68	M76	N147	N148			Standoff Horiz...	Beam	SquareTube	A500 Gr. ...	Typical
69	M78	N146	N147A			Kicker	Beam	SquareTube	A500 Gr. ...	Typical
70	M79	N149	N150			Kicker	Beam	SquareTube	A500 Gr. ...	Typical
71	M80	N152	N153			Kicker	Beam	SquareTube	A500 Gr. ...	Typical
72	M81	N155	N156			Kicker	Beam	SquareTube	A500 Gr. ...	Typical
73	M83	N155A	N163			RIGID	None	None	RIGID	Typical
74	M84	N157	N165A			RIGID	None	None	RIGID	Typical
75	M85	N159	N167A			RIGID	None	None	RIGID	Typical
76	M86A	N161	N169			RIGID	None	None	RIGID	Typical
77	M87A	N160	N168			RIGID	None	None	RIGID	Typical
78	M88A	N158	N166A			RIGID	None	None	RIGID	Typical
79	M89A	N156A	N164			RIGID	None	None	RIGID	Typical
80	M90	N154	N162			RIGID	None	None	RIGID	Typical
81	M91	N170A	N174			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
82	M92B	N171A	N175A			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
83	M93B	N172A	N176A			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
84	M94A	N173	N177A			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
85	M95A	N180A	N188B			RIGID	None	None	RIGID	Typical
86	M96A	N182A	N190B			RIGID	None	None	RIGID	Typical
87	M97A	N184	N192B			RIGID	None	None	RIGID	Typical
88	M98A	N186B	N194			RIGID	None	None	RIGID	Typical
89	M99A	N185B	N193A			RIGID	None	None	RIGID	Typical
90	M100A	N183	N191B			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
91	M101A	N181A	N189B			RIGID	None	None	RIGID	Typical
92	M102A	N179	N187B			RIGID	None	None	RIGID	Typical
93	MP4C	N195	N199B			Dual Mounted ...	Column	Pipe	A53 Gr. B	Typical
94	MP3C	N196	N200B			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
95	MP2C	N197A	N201			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
96	MP1C	N198B	N202			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
97	M107A	N205A	N213			RIGID	None	None	RIGID	Typical
98	M108A	N207A	N215A			RIGID	None	None	RIGID	Typical
99	M109A	N209	N217A			RIGID	None	None	RIGID	Typical
100	M110	N211	N219			RIGID	None	None	RIGID	Typical
101	M111	N210	N218			RIGID	None	None	RIGID	Typical
102	M112	N208A	N216A			RIGID	None	None	RIGID	Typical
103	M113	N206A	N214A			RIGID	None	None	RIGID	Typical
104	M114	N204	N212			RIGID	None	None	RIGID	Typical
105	MP4B	N220	N224A			Dual Mounted ...	Column	Pipe	A53 Gr. B	Typical
106	MP3B	N221	N225A			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
107	MP2B	N222	N226			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
108	MP1B	N223A	N227			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
109	MP4A	N170A	N174			Dual Mounted ...	Column	Pipe	A53 Gr. B	Typical
110	MP3A	N171A	N175A			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
111	MP2A	N172A	N176A			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
112	MP1A	N173	N177A			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
113	M113A	N186	N227A			RIGID	None	None	RIGID	Typical
114	M114A	N185	N226A			RIGID	None	None	RIGID	Typical
115	M115	N188	N232			RIGID	None	None	RIGID	Typical
116	M116	N187	N231			RIGID	None	None	RIGID	Typical
117	M117	N190	N237			RIGID	None	None	RIGID	Typical
118	M118	N189	N236			RIGID	None	None	RIGID	Typical
119	M119	N192	N242			RIGID	None	None	RIGID	Typical
120	M120	N191	N241			RIGID	None	None	RIGID	Typical
121	M121	N186	N227A			RIGID	None	None	RIGID	Typical
122	M122	N185	N226A			RIGID	None	None	RIGID	Typical
123	M123	N227A	N231		90	Connector PLa...	Beam	RECT	A36 Gr.36	Typical
124	M124	N226A	N242		90	Connector PLa...	Beam	RECT	A36 Gr.36	Typical
125	M125	N241	N237		90	Connector PLa...	Beam	RECT	A36 Gr.36	Typical
126	M126	N236	N232		90	Connector PLa...	Beam	RECT	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat..	Analysis ...	Inactive	Seismic...
1	M1						Yes				None
2	M2						Yes				None
3	M3						Yes			Exclude	None
4	M4						Yes				None
5	M5						Yes				None
6	M6						Yes				None
7	M7						Yes				None
8	M8						Yes				None
9	M9						Yes				None
10	M10						Yes				None
11	M11						Yes				None
12	M12						Yes				None
13	M13						Yes			Exclude	None
14	M14						Yes				None
15	M15						Yes				None
16	M16						Yes				None



Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat..	Analysis ...	Inactive	Seismic..
17	M17						Yes				None
18	M18						Yes				None
19	M19						Yes				None
20	M20						Yes				None
21	M21						Yes				None
22	M22						Yes				None
23	M23						Yes			Exclude	None
24	M24						Yes				None
25	M25						Yes				None
26	M26						Yes				None
27	M27						Yes				None
28	M28						Yes				None
29	M29						Yes				None
30	M30						Yes				None
31	M31						Yes				None
32	M32						Yes				None
33	M33						Yes			Exclude	None
34	M34						Yes				None
35	M35						Yes				None
36	M36						Yes				None
37	M37						Yes				None
38	M38						Yes				None
39	M39						Yes				None
40	M40						Yes				None
41	M41						Yes	** NA **			None
42	M43						Yes	** NA **			None
43	M44						Yes				None
44	M45						Yes	** NA **			None
45	M47						Yes	** NA **			None
46	M51						Yes				None
47	M52						Yes				None
48	M53						Yes				None
49	M54						Yes				None
50	M92						Yes	** NA **			None
51	M93						Yes	** NA **			None
52	M92A						Yes	** NA **			None
53	M93A						Yes	** NA **			None
54	M94						Yes				None
55	M95						Yes				None
56	M96						Yes				None
57	M97						Yes				None
58	M98						Yes				None
59	M99						Yes				None
60	M100						Yes				None
61	M101						Yes				None
62	M102						Yes				None
63	M103						Yes				None
64	M104						Yes				None
65	M105						Yes				None
66	M74						Yes				None
67	M75						Yes				None
68	M76						Yes				None
69	M78	BenPIN	BenPIN				Yes				None
70	M79	BenPIN	BenPIN				Yes				None
71	M80	BenPIN	BenPIN				Yes				None
72	M81	BenPIN	BenPIN				Yes				None
73	M83						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...
74	M84						Yes	** NA **			None
75	M85						Yes	** NA **			None
76	M86A						Yes	** NA **			None
77	M87A						Yes	** NA **			None
78	M88A						Yes	** NA **			None
79	M89A						Yes	** NA **			None
80	M90						Yes	** NA **			None
81	M91						Yes	** NA **		Inactive	None
82	M92B						Yes	** NA **		Inactive	None
83	M93B						Yes	** NA **		Inactive	None
84	M94A						Yes	** NA **		Inactive	None
85	M95A						Yes	** NA **			None
86	M96A						Yes	** NA **			None
87	M97A						Yes	** NA **			None
88	M98A						Yes	** NA **			None
89	M99A						Yes	** NA **			None
90	M100A						Yes	** NA **			None
91	M101A						Yes	** NA **			None
92	M102A						Yes	** NA **			None
93	MP4C						Yes	** NA **			None
94	MP3C						Yes	** NA **			None
95	MP2C						Yes	** NA **			None
96	MP1C						Yes	** NA **			None
97	M107A						Yes	** NA **			None
98	M108A						Yes	** NA **			None
99	M109A						Yes	** NA **			None
100	M110						Yes	** NA **			None
101	M111						Yes	** NA **			None
102	M112						Yes	** NA **			None
103	M113						Yes	** NA **			None
104	M114						Yes	** NA **			None
105	MP4B						Yes	** NA **			None
106	MP3B						Yes	** NA **			None
107	MP2B						Yes	** NA **			None
108	MP1B						Yes	** NA **			None
109	MP4A						Yes	** NA **			None
110	MP3A						Yes	** NA **			None
111	MP2A						Yes	** NA **			None
112	MP1A						Yes	** NA **			None
113	M113A	OOOOOX					Yes	** NA **			None
114	M114A	OOOOOX					Yes	** NA **			None
115	M115	OOOOOX					Yes	** NA **			None
116	M116	OOOOOX					Yes	** NA **			None
117	M117	OOOOOX					Yes	** NA **			None
118	M118	OOOOOX					Yes	** NA **			None
119	M119	OOOOOX					Yes	** NA **			None
120	M120	OOOOOX					Yes	** NA **			None
121	M121	OOOOOX					Yes	** NA **			None
122	M122	OOOOOX					Yes	** NA **			None
123	M123						Yes				None
124	M124						Yes				None
125	M125						Yes				None
126	M126						Yes				None



Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4B	Y	-31.65	1
2	MP4B	My	.019	1
3	MP4B	Mz	-.018	1
4	MP4B	Y	-31.65	6
5	MP4B	My	.019	6
6	MP4B	Mz	-.018	6
7	MP4B	Y	-31.65	1
8	MP4B	My	.012	1
9	MP4B	Mz	.024	1
10	MP4B	Y	-31.65	6
11	MP4B	My	.012	6
12	MP4B	Mz	.024	6
13	MP4A	Y	-45.75	1
14	MP4A	My	-.023	1
15	MP4A	Mz	.036	1
16	MP4A	Y	-45.75	6
17	MP4A	My	-.023	6
18	MP4A	Mz	.036	6
19	MP4C	Y	-45.75	1
20	MP4C	My	.03	1
21	MP4C	Mz	.028	1
22	MP4C	Y	-45.75	6
23	MP4C	My	.03	6
24	MP4C	Mz	.028	6
25	MP4A	Y	-45.75	1
26	MP4A	My	-.023	1
27	MP4A	Mz	-.036	1
28	MP4A	Y	-45.75	6
29	MP4A	My	-.023	6
30	MP4A	Mz	-.036	6
31	MP4C	Y	-45.75	1
32	MP4C	My	-.04	1
33	MP4C	Mz	.016	1
34	MP4C	Y	-45.75	6
35	MP4C	My	-.04	6
36	MP4C	Mz	.016	6
37	MP1A	Y	-43.55	2.5
38	MP1A	My	-.022	2.5
39	MP1A	Mz	0	2.5
40	MP1A	Y	-43.55	4.5
41	MP1A	My	-.022	4.5
42	MP1A	Mz	0	4.5
43	MP1B	Y	-43.55	2.5
44	MP1B	My	.021	2.5
45	MP1B	Mz	.004	2.5
46	MP1B	Y	-43.55	4.5
47	MP1B	My	.021	4.5
48	MP1B	Mz	.004	4.5
49	MP1C	Y	-43.55	2.5
50	MP1C	My	-.004	2.5
51	MP1C	Mz	.021	2.5
52	MP1C	Y	-43.55	4.5
53	MP1C	My	-.004	4.5
54	MP1C	Mz	.021	4.5
55	MP4A	Y	-10.4	2
56	MP4A	My	.005	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
57	MP4A	Mz	0	2
58	MP4B	Y	-10.4	2
59	MP4B	My	-.005	2
60	MP4B	Mz	-.000903	2
61	MP4C	Y	-10.4	2
62	MP4C	My	.000903	2
63	MP4C	Mz	-.005	2
64	MP3A	Y	-74.7	4
65	MP3A	My	.037	4
66	MP3A	Mz	0	4
67	MP3B	Y	-74.7	4
68	MP3B	My	-.037	4
69	MP3B	Mz	-.006	4
70	MP3C	Y	-74.7	4
71	MP3C	My	.006	4
72	MP3C	Mz	-.037	4
73	MP4A	Y	-62.8	4
74	MP4A	My	.031	4
75	MP4A	Mz	0	4
76	MP4B	Y	-62.8	4
77	MP4B	My	-.031	4
78	MP4B	Mz	-.005	4
79	MP4C	Y	-62.8	4
80	MP4C	My	.005	4
81	MP4C	Mz	-.031	4
82	M2	Y	-32	6
83	M2	My	0	6
84	M2	Mz	0	6
85	M22	Y	-32	6
86	M22	My	0	6
87	M22	Mz	0	6

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4B	Y	-70.473	1
2	MP4B	My	.043	1
3	MP4B	Mz	-.04	1
4	MP4B	Y	-70.473	6
5	MP4B	My	.043	6
6	MP4B	Mz	-.04	6
7	MP4B	Y	-70.473	1
8	MP4B	My	.027	1
9	MP4B	Mz	.052	1
10	MP4B	Y	-70.473	6
11	MP4B	My	.027	6
12	MP4B	Mz	.052	6
13	MP4A	Y	-79.296	1
14	MP4A	My	-.04	1
15	MP4A	Mz	.063	1
16	MP4A	Y	-79.296	6
17	MP4A	My	-.04	6
18	MP4A	Mz	.063	6
19	MP4C	Y	-79.296	1
20	MP4C	My	.052	1
21	MP4C	Mz	.049	1
22	MP4C	Y	-79.296	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
23	MP4C	My	.052	6
24	MP4C	Mz	.049	6
25	MP4A	Y	-79.296	1
26	MP4A	My	-.04	1
27	MP4A	Mz	-.063	1
28	MP4A	Y	-79.296	6
29	MP4A	My	-.04	6
30	MP4A	Mz	-.063	6
31	MP4C	Y	-79.296	1
32	MP4C	My	-.069	1
33	MP4C	Mz	.028	1
34	MP4C	Y	-79.296	6
35	MP4C	My	-.069	6
36	MP4C	Mz	.028	6
37	MP1A	Y	-35.886	2.5
38	MP1A	My	-.018	2.5
39	MP1A	Mz	0	2.5
40	MP1A	Y	-35.886	4.5
41	MP1A	My	-.018	4.5
42	MP1A	Mz	0	4.5
43	MP1B	Y	-35.886	2.5
44	MP1B	My	.018	2.5
45	MP1B	Mz	.003	2.5
46	MP1B	Y	-35.886	4.5
47	MP1B	My	.018	4.5
48	MP1B	Mz	.003	4.5
49	MP1C	Y	-35.886	2.5
50	MP1C	My	-.003	2.5
51	MP1C	Mz	.018	2.5
52	MP1C	Y	-35.886	4.5
53	MP1C	My	-.003	4.5
54	MP1C	Mz	.018	4.5
55	MP4A	Y	-10.834	2
56	MP4A	My	.005	2
57	MP4A	Mz	0	2
58	MP4B	Y	-10.834	2
59	MP4B	My	-.005	2
60	MP4B	Mz	-.000941	2
61	MP4C	Y	-10.834	2
62	MP4C	My	.000941	2
63	MP4C	Mz	-.005	2
64	MP3A	Y	-45.248	4
65	MP3A	My	.023	4
66	MP3A	Mz	0	4
67	MP3B	Y	-45.248	4
68	MP3B	My	-.022	4
69	MP3B	Mz	-.004	4
70	MP3C	Y	-45.248	4
71	MP3C	My	.004	4
72	MP3C	Mz	-.022	4
73	MP4A	Y	-36.412	4
74	MP4A	My	.018	4
75	MP4A	Mz	0	4
76	MP4B	Y	-36.412	4
77	MP4B	My	-.018	4
78	MP4B	Mz	-.003	4
79	MP4C	Y	-36.412	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
80	MP4C	My	.003	4
81	MP4C	Mz	-.018	4
82	M2	Y	-76.525	6
83	M2	My	0	6
84	M2	Mz	0	6
85	M22	Y	-76.525	6
86	M22	My	0	6
87	M22	Mz	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4B	X	0	1
2	MP4B	Z	-157.708	1
3	MP4B	Mx	.09	1
4	MP4B	X	0	6
5	MP4B	Z	-157.708	6
6	MP4B	Mx	.09	6
7	MP4B	X	0	1
8	MP4B	Z	-157.708	1
9	MP4B	Mx	-.117	1
10	MP4B	X	0	6
11	MP4B	Z	-157.708	6
12	MP4B	Mx	-.117	6
13	MP4A	X	0	1
14	MP4A	Z	-199.415	1
15	MP4A	Mx	-.158	1
16	MP4A	X	0	6
17	MP4A	Z	-199.415	6
18	MP4A	Mx	-.158	6
19	MP4C	X	0	1
20	MP4C	Z	-95.645	1
21	MP4C	Mx	-.06	1
22	MP4C	X	0	6
23	MP4C	Z	-95.645	6
24	MP4C	Mx	-.06	6
25	MP4A	X	0	1
26	MP4A	Z	-199.415	1
27	MP4A	Mx	.158	1
28	MP4A	X	0	6
29	MP4A	Z	-199.415	6
30	MP4A	Mx	.158	6
31	MP4C	X	0	1
32	MP4C	Z	-95.645	1
33	MP4C	Mx	-.034	1
34	MP4C	X	0	6
35	MP4C	Z	-95.645	6
36	MP4C	Mx	-.034	6
37	MP1A	X	0	2.5
38	MP1A	Z	-82.215	2.5
39	MP1A	Mx	0	2.5
40	MP1A	X	0	4.5
41	MP1A	Z	-82.215	4.5
42	MP1A	Mx	0	4.5
43	MP1B	X	0	2.5
44	MP1B	Z	-80.706	2.5
45	MP1B	Mx	-.007	2.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
46	MP1B	X	0	4.5
47	MP1B	Z	-80.706	4.5
48	MP1B	Mx	-.007	4.5
49	MP1C	X	0	2.5
50	MP1C	Z	-33.696	2.5
51	MP1C	Mx	-.017	2.5
52	MP1C	X	0	4.5
53	MP1C	Z	-33.696	4.5
54	MP1C	Mx	-.017	4.5
55	MP4A	X	0	2
56	MP4A	Z	-12.944	2
57	MP4A	Mx	0	2
58	MP4B	X	0	2
59	MP4B	Z	-12.824	2
60	MP4B	Mx	.001	2
61	MP4C	X	0	2
62	MP4C	Z	-9.076	2
63	MP4C	Mx	.004	2
64	MP3A	X	0	4
65	MP3A	Z	-65.422	4
66	MP3A	Mx	0	4
67	MP3B	X	0	4
68	MP3B	Z	-64.768	4
69	MP3B	Mx	.006	4
70	MP3C	X	0	4
71	MP3C	Z	-44.385	4
72	MP3C	Mx	.022	4
73	MP4A	X	0	4
74	MP4A	Z	-51.078	4
75	MP4A	Mx	0	4
76	MP4B	X	0	4
77	MP4B	Z	-50.712	4
78	MP4B	Mx	.004	4
79	MP4C	X	0	4
80	MP4C	Z	-39.287	4
81	MP4C	Mx	.019	4
82	M2	X	0	6
83	M2	Z	-132.593	6
84	M2	Mx	0	6
85	M22	X	0	6
86	M22	Z	-132.593	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4B	X	76.48	1
2	MP4B	Z	-132.467	1
3	MP4B	Mx	.122	1
4	MP4B	X	76.48	6
5	MP4B	Z	-132.467	6
6	MP4B	Mx	.122	6
7	MP4B	X	76.48	1
8	MP4B	Z	-132.467	1
9	MP4B	Mx	-.07	1
10	MP4B	X	76.48	6
11	MP4B	Z	-132.467	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
12	MP4B	Mx	-.07	6
13	MP4A	X	86.333	1
14	MP4A	Z	-149.533	1
15	MP4A	Mx	-.162	1
16	MP4A	X	86.333	6
17	MP4A	Z	-149.533	6
18	MP4A	Mx	-.162	6
19	MP4C	X	52.468	1
20	MP4C	Z	-90.876	1
21	MP4C	Mx	-.022	1
22	MP4C	X	52.468	6
23	MP4C	Z	-90.876	6
24	MP4C	Mx	-.022	6
25	MP4A	X	86.333	1
26	MP4A	Z	-149.533	1
27	MP4A	Mx	.075	1
28	MP4A	X	86.333	6
29	MP4A	Z	-149.533	6
30	MP4A	Mx	.075	6
31	MP4C	X	52.468	1
32	MP4C	Z	-90.876	1
33	MP4C	Mx	-.078	1
34	MP4C	X	52.468	6
35	MP4C	Z	-90.876	6
36	MP4C	Mx	-.078	6
37	MP1A	X	34.854	2.5
38	MP1A	Z	-60.369	2.5
39	MP1A	Mx	-.017	2.5
40	MP1A	X	34.854	4.5
41	MP1A	Z	-60.369	4.5
42	MP1A	Mx	-.017	4.5
43	MP1B	X	38.181	2.5
44	MP1B	Z	-66.132	2.5
45	MP1B	Mx	.013	2.5
46	MP1B	X	38.181	4.5
47	MP1B	Z	-66.132	4.5
48	MP1B	Mx	.013	4.5
49	MP1C	X	19.02	2.5
50	MP1C	Z	-32.943	2.5
51	MP1C	Mx	-.018	2.5
52	MP1C	X	19.02	4.5
53	MP1C	Z	-32.943	4.5
54	MP1C	Mx	-.018	4.5
55	MP4A	X	5.974	2
56	MP4A	Z	-10.347	2
57	MP4A	Mx	.003	2
58	MP4B	X	6.239	2
59	MP4B	Z	-10.806	2
60	MP4B	Mx	-.002	2
61	MP4C	X	4.711	2
62	MP4C	Z	-8.16	2
63	MP4C	Mx	.004	2
64	MP3A	X	30	4
65	MP3A	Z	-51.961	4
66	MP3A	Mx	.015	4
67	MP3B	X	31.442	4
68	MP3B	Z	-54.46	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
69	MP3B	Mx	-.011	4
70	MP3C	X	23.134	4
71	MP3C	Z	-40.07	4
72	MP3C	Mx	.022	4
73	MP4A	X	24.019	4
74	MP4A	Z	-41.603	4
75	MP4A	Mx	.012	4
76	MP4B	X	24.828	4
77	MP4B	Z	-43.003	4
78	MP4B	Mx	-.008	4
79	MP4C	X	20.172	4
80	MP4C	Z	-34.938	4
81	MP4C	Mx	.019	4
82	M2	X	60.693	6
83	M2	Z	-105.124	6
84	M2	Mx	0	6
85	M22	X	60.693	6
86	M22	Z	-105.124	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4B	X	110.212	1
2	MP4B	Z	-63.631	1
3	MP4B	Mx	.103	1
4	MP4B	X	110.212	6
5	MP4B	Z	-63.631	6
6	MP4B	Mx	.103	6
7	MP4B	X	110.212	1
8	MP4B	Z	-63.631	1
9	MP4B	Mx	-.006	1
10	MP4B	X	110.212	6
11	MP4B	Z	-63.631	6
12	MP4B	Mx	-.006	6
13	MP4A	X	103.202	1
14	MP4A	Z	-59.584	1
15	MP4A	Mx	-.099	1
16	MP4A	X	103.202	6
17	MP4A	Z	-59.584	6
18	MP4A	Mx	-.099	6
19	MP4C	X	134.413	1
20	MP4C	Z	-77.603	1
21	MP4C	Mx	.039	1
22	MP4C	X	134.413	6
23	MP4C	Z	-77.603	6
24	MP4C	Mx	.039	6
25	MP4A	X	103.202	1
26	MP4A	Z	-59.584	1
27	MP4A	Mx	-.004	1
28	MP4A	X	103.202	6
29	MP4A	Z	-59.584	6
30	MP4A	Mx	-.004	6
31	MP4C	X	134.413	1
32	MP4C	Z	-77.603	1
33	MP4C	Mx	-.144	1
34	MP4C	X	134.413	6



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP4C	Z	-77.603	6
36	MP4C	Mx	-.144	6
37	MP1A	X	38.706	2.5
38	MP1A	Z	-22.347	2.5
39	MP1A	Mx	-.019	2.5
40	MP1A	X	38.706	4.5
41	MP1A	Z	-22.347	4.5
42	MP1A	Mx	-.019	4.5
43	MP1B	X	45.776	2.5
44	MP1B	Z	-26.429	2.5
45	MP1B	Mx	.02	2.5
46	MP1B	X	45.776	4.5
47	MP1B	Z	-26.429	4.5
48	MP1B	Mx	.02	4.5
49	MP1C	X	53.299	2.5
50	MP1C	Z	-30.772	2.5
51	MP1C	Mx	-.02	2.5
52	MP1C	X	53.299	4.5
53	MP1C	Z	-30.772	4.5
54	MP1C	Mx	-.02	4.5
55	MP4A	X	8.62	2
56	MP4A	Z	-4.977	2
57	MP4A	Mx	.004	2
58	MP4B	X	9.183	2
59	MP4B	Z	-5.302	2
60	MP4B	Mx	-.004	2
61	MP4C	X	9.783	2
62	MP4C	Z	-5.648	2
63	MP4C	Mx	.004	2
64	MP3A	X	42.569	4
65	MP3A	Z	-24.577	4
66	MP3A	Mx	.021	4
67	MP3B	X	45.634	4
68	MP3B	Z	-26.347	4
69	MP3B	Mx	-.02	4
70	MP3C	X	48.896	4
71	MP3C	Z	-28.23	4
72	MP3C	Mx	.018	4
73	MP4A	X	36.339	4
74	MP4A	Z	-20.98	4
75	MP4A	Mx	.018	4
76	MP4B	X	38.057	4
77	MP4B	Z	-21.972	4
78	MP4B	Mx	-.017	4
79	MP4C	X	39.885	4
80	MP4C	Z	-23.028	4
81	MP4C	Mx	.015	4
82	M2	X	85.713	6
83	M2	Z	-49.487	6
84	M2	Mx	0	6
85	M22	X	85.713	6
86	M22	Z	-49.487	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
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Member Point Loads (BLC 6 : Antenna Wo (90 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4B	X	106.313	1
2	MP4B	Z	0	1
3	MP4B	Mx	.065	1
4	MP4B	X	106.313	6
5	MP4B	Z	0	6
6	MP4B	Mx	.065	6
7	MP4B	X	106.313	1
8	MP4B	Z	0	1
9	MP4B	Mx	.04	1
10	MP4B	X	106.313	6
11	MP4B	Z	0	6
12	MP4B	Mx	.04	6
13	MP4A	X	92.419	1
14	MP4A	Z	0	1
15	MP4A	Mx	-.046	1
16	MP4A	X	92.419	6
17	MP4A	Z	0	6
18	MP4A	Mx	-.046	6
19	MP4C	X	196.189	1
20	MP4C	Z	0	1
21	MP4C	Mx	.128	1
22	MP4C	X	196.189	6
23	MP4C	Z	0	6
24	MP4C	Mx	.128	6
25	MP4A	X	92.419	1
26	MP4A	Z	0	1
27	MP4A	Mx	-.046	1
28	MP4A	X	92.419	6
29	MP4A	Z	0	6
30	MP4A	Mx	-.046	6
31	MP4C	X	196.189	1
32	MP4C	Z	0	1
33	MP4C	Mx	-.17	1
34	MP4C	X	196.189	6
35	MP4C	Z	0	6
36	MP4C	Mx	-.17	6
37	MP1A	X	32.187	2.5
38	MP1A	Z	0	2.5
39	MP1A	Mx	-.016	2.5
40	MP1A	X	32.187	4.5
41	MP1A	Z	0	4.5
42	MP1A	Mx	-.016	4.5
43	MP1B	X	33.696	2.5
44	MP1B	Z	0	2.5
45	MP1B	Mx	.017	2.5
46	MP1B	X	33.696	4.5
47	MP1B	Z	0	4.5
48	MP1B	Mx	.017	4.5
49	MP1C	X	80.706	2.5
50	MP1C	Z	0	2.5
51	MP1C	Mx	-.007	2.5
52	MP1C	X	80.706	4.5
53	MP1C	Z	0	4.5
54	MP1C	Mx	-.007	4.5
55	MP4A	X	8.956	2
56	MP4A	Z	0	2
57	MP4A	Mx	.004	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP4B	X	9.076	2
59	MP4B	Z	0	2
60	MP4B	Mx	-.004	2
61	MP4C	X	12.824	2
62	MP4C	Z	0	2
63	MP4C	Mx	.001	2
64	MP3A	X	43.731	4
65	MP3A	Z	0	4
66	MP3A	Mx	.022	4
67	MP3B	X	44.385	4
68	MP3B	Z	0	4
69	MP3B	Mx	-.022	4
70	MP3C	X	64.768	4
71	MP3C	Z	0	4
72	MP3C	Mx	.006	4
73	MP4A	X	38.921	4
74	MP4A	Z	0	4
75	MP4A	Mx	.019	4
76	MP4B	X	39.287	4
77	MP4B	Z	0	4
78	MP4B	Mx	-.019	4
79	MP4C	X	50.712	4
80	MP4C	Z	0	4
81	MP4C	Mx	.004	4
82	M2	X	87.766	6
83	M2	Z	0	6
84	M2	Mx	0	6
85	M22	X	87.766	6
86	M22	Z	0	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4B	X	96.182	1
2	MP4B	Z	55.531	1
3	MP4B	Mx	.027	1
4	MP4B	X	96.182	6
5	MP4B	Z	55.531	6
6	MP4B	Mx	.027	6
7	MP4B	X	96.182	1
8	MP4B	Z	55.531	1
9	MP4B	Mx	.078	1
10	MP4B	X	96.182	6
11	MP4B	Z	55.531	6
12	MP4B	Mx	.078	6
13	MP4A	X	103.202	1
14	MP4A	Z	59.584	1
15	MP4A	Mx	-.004	1
16	MP4A	X	103.202	6
17	MP4A	Z	59.584	6
18	MP4A	Mx	-.004	6
19	MP4C	X	161.859	1
20	MP4C	Z	93.449	1
21	MP4C	Mx	.164	1
22	MP4C	X	161.859	6
23	MP4C	Z	93.449	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
24	MP4C	Mx	.164	6
25	MP4A	X	103.202	1
26	MP4A	Z	59.584	1
27	MP4A	Mx	-.099	1
28	MP4A	X	103.202	6
29	MP4A	Z	59.584	6
30	MP4A	Mx	-.099	6
31	MP4C	X	161.859	1
32	MP4C	Z	93.449	1
33	MP4C	Mx	-.107	1
34	MP4C	X	161.859	6
35	MP4C	Z	93.449	6
36	MP4C	Mx	-.107	6
37	MP1A	X	38.706	2.5
38	MP1A	Z	22.347	2.5
39	MP1A	Mx	-.019	2.5
40	MP1A	X	38.706	4.5
41	MP1A	Z	22.347	4.5
42	MP1A	Mx	-.019	4.5
43	MP1B	X	32.943	2.5
44	MP1B	Z	19.02	2.5
45	MP1B	Mx	.018	2.5
46	MP1B	X	32.943	4.5
47	MP1B	Z	19.02	4.5
48	MP1B	Mx	.018	4.5
49	MP1C	X	66.132	2.5
50	MP1C	Z	38.181	2.5
51	MP1C	Mx	.013	2.5
52	MP1C	X	66.132	4.5
53	MP1C	Z	38.181	4.5
54	MP1C	Mx	.013	4.5
55	MP4A	X	8.62	2
56	MP4A	Z	4.977	2
57	MP4A	Mx	.004	2
58	MP4B	X	8.16	2
59	MP4B	Z	4.711	2
60	MP4B	Mx	-.004	2
61	MP4C	X	10.806	2
62	MP4C	Z	6.239	2
63	MP4C	Mx	-.002	2
64	MP3A	X	42.569	4
65	MP3A	Z	24.577	4
66	MP3A	Mx	.021	4
67	MP3B	X	40.07	4
68	MP3B	Z	23.134	4
69	MP3B	Mx	-.022	4
70	MP3C	X	54.46	4
71	MP3C	Z	31.442	4
72	MP3C	Mx	-.011	4
73	MP4A	X	36.339	4
74	MP4A	Z	20.98	4
75	MP4A	Mx	.018	4
76	MP4B	X	34.938	4
77	MP4B	Z	20.172	4
78	MP4B	Mx	-.019	4
79	MP4C	X	43.003	4
80	MP4C	Z	24.828	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
81	MP4C	Mx	-.008	4
82	M2	X	85.713	6
83	M2	Z	49.487	6
84	M2	Mx	0	6
85	M22	X	85.713	6
86	M22	Z	49.487	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP4B	X	68.38	1
2	MP4B	Z	118.437	1
3	MP4B	Mx	-.026	1
4	MP4B	X	68.38	6
5	MP4B	Z	118.437	6
6	MP4B	Mx	-.026	6
7	MP4B	X	68.38	1
8	MP4B	Z	118.437	1
9	MP4B	Mx	.114	1
10	MP4B	X	68.38	6
11	MP4B	Z	118.437	6
12	MP4B	Mx	.114	6
13	MP4A	X	86.333	1
14	MP4A	Z	149.533	1
15	MP4A	Mx	.075	1
16	MP4A	X	86.333	6
17	MP4A	Z	149.533	6
18	MP4A	Mx	.075	6
19	MP4C	X	68.314	1
20	MP4C	Z	118.323	1
21	MP4C	Mx	.118	1
22	MP4C	X	68.314	6
23	MP4C	Z	118.323	6
24	MP4C	Mx	.118	6
25	MP4A	X	86.333	1
26	MP4A	Z	149.533	1
27	MP4A	Mx	-.162	1
28	MP4A	X	86.333	6
29	MP4A	Z	149.533	6
30	MP4A	Mx	-.162	6
31	MP4C	X	68.314	1
32	MP4C	Z	118.323	1
33	MP4C	Mx	-.017	1
34	MP4C	X	68.314	6
35	MP4C	Z	118.323	6
36	MP4C	Mx	-.017	6
37	MP1A	X	34.854	2.5
38	MP1A	Z	60.369	2.5
39	MP1A	Mx	-.017	2.5
40	MP1A	X	34.854	4.5
41	MP1A	Z	60.369	4.5
42	MP1A	Mx	-.017	4.5
43	MP1B	X	30.772	2.5
44	MP1B	Z	53.299	2.5
45	MP1B	Mx	.02	2.5
46	MP1B	X	30.772	4.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
47	MP1B	Z	53.299	4.5
48	MP1B	Mx	.02	4.5
49	MP1C	X	26.429	2.5
50	MP1C	Z	45.776	2.5
51	MP1C	Mx	.02	2.5
52	MP1C	X	26.429	4.5
53	MP1C	Z	45.776	4.5
54	MP1C	Mx	.02	4.5
55	MP4A	X	5.974	2
56	MP4A	Z	10.347	2
57	MP4A	Mx	.003	2
58	MP4B	X	5.648	2
59	MP4B	Z	9.783	2
60	MP4B	Mx	-.004	2
61	MP4C	X	5.302	2
62	MP4C	Z	9.183	2
63	MP4C	Mx	-.004	2
64	MP3A	X	30	4
65	MP3A	Z	51.961	4
66	MP3A	Mx	.015	4
67	MP3B	X	28.23	4
68	MP3B	Z	48.896	4
69	MP3B	Mx	-.018	4
70	MP3C	X	26.347	4
71	MP3C	Z	45.634	4
72	MP3C	Mx	-.02	4
73	MP4A	X	24.019	4
74	MP4A	Z	41.603	4
75	MP4A	Mx	.012	4
76	MP4B	X	23.028	4
77	MP4B	Z	39.885	4
78	MP4B	Mx	-.015	4
79	MP4C	X	21.972	4
80	MP4C	Z	38.057	4
81	MP4C	Mx	-.017	4
82	M2	X	60.693	6
83	M2	Z	105.124	6
84	M2	Mx	0	6
85	M22	X	60.693	6
86	M22	Z	105.124	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4B	X	0	1
2	MP4B	Z	157.708	1
3	MP4B	Mx	-.09	1
4	MP4B	X	0	6
5	MP4B	Z	157.708	6
6	MP4B	Mx	-.09	6
7	MP4B	X	0	1
8	MP4B	Z	157.708	1
9	MP4B	Mx	.117	1
10	MP4B	X	0	6
11	MP4B	Z	157.708	6
12	MP4B	Mx	.117	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP4A	X	0	1
14	MP4A	Z	199.415	1
15	MP4A	Mx	.158	1
16	MP4A	X	0	6
17	MP4A	Z	199.415	6
18	MP4A	Mx	.158	6
19	MP4C	X	0	1
20	MP4C	Z	95.645	1
21	MP4C	Mx	.06	1
22	MP4C	X	0	6
23	MP4C	Z	95.645	6
24	MP4C	Mx	.06	6
25	MP4A	X	0	1
26	MP4A	Z	199.415	1
27	MP4A	Mx	-.158	1
28	MP4A	X	0	6
29	MP4A	Z	199.415	6
30	MP4A	Mx	-.158	6
31	MP4C	X	0	1
32	MP4C	Z	95.645	1
33	MP4C	Mx	.034	1
34	MP4C	X	0	6
35	MP4C	Z	95.645	6
36	MP4C	Mx	.034	6
37	MP1A	X	0	2.5
38	MP1A	Z	82.215	2.5
39	MP1A	Mx	0	2.5
40	MP1A	X	0	4.5
41	MP1A	Z	82.215	4.5
42	MP1A	Mx	0	4.5
43	MP1B	X	0	2.5
44	MP1B	Z	80.706	2.5
45	MP1B	Mx	.007	2.5
46	MP1B	X	0	4.5
47	MP1B	Z	80.706	4.5
48	MP1B	Mx	.007	4.5
49	MP1C	X	0	2.5
50	MP1C	Z	33.696	2.5
51	MP1C	Mx	.017	2.5
52	MP1C	X	0	4.5
53	MP1C	Z	33.696	4.5
54	MP1C	Mx	.017	4.5
55	MP4A	X	0	2
56	MP4A	Z	12.944	2
57	MP4A	Mx	0	2
58	MP4B	X	0	2
59	MP4B	Z	12.824	2
60	MP4B	Mx	-.001	2
61	MP4C	X	0	2
62	MP4C	Z	9.076	2
63	MP4C	Mx	-.004	2
64	MP3A	X	0	4
65	MP3A	Z	65.422	4
66	MP3A	Mx	0	4
67	MP3B	X	0	4
68	MP3B	Z	64.768	4
69	MP3B	Mx	-.006	4



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP3C	X	0	4
71	MP3C	Z	44.385	4
72	MP3C	Mx	-.022	4
73	MP4A	X	0	4
74	MP4A	Z	51.078	4
75	MP4A	Mx	0	4
76	MP4B	X	0	4
77	MP4B	Z	50.712	4
78	MP4B	Mx	-.004	4
79	MP4C	X	0	4
80	MP4C	Z	39.287	4
81	MP4C	Mx	-.019	4
82	M2	X	0	6
83	M2	Z	132.593	6
84	M2	Mx	0	6
85	M22	X	0	6
86	M22	Z	132.593	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4B	X	-76.48	1
2	MP4B	Z	132.467	1
3	MP4B	Mx	-.122	1
4	MP4B	X	-76.48	6
5	MP4B	Z	132.467	6
6	MP4B	Mx	-.122	6
7	MP4B	X	-76.48	1
8	MP4B	Z	132.467	1
9	MP4B	Mx	.07	1
10	MP4B	X	-76.48	6
11	MP4B	Z	132.467	6
12	MP4B	Mx	.07	6
13	MP4A	X	-86.333	1
14	MP4A	Z	149.533	1
15	MP4A	Mx	.162	1
16	MP4A	X	-86.333	6
17	MP4A	Z	149.533	6
18	MP4A	Mx	.162	6
19	MP4C	X	-52.468	1
20	MP4C	Z	90.876	1
21	MP4C	Mx	.022	1
22	MP4C	X	-52.468	6
23	MP4C	Z	90.876	6
24	MP4C	Mx	.022	6
25	MP4A	X	-86.333	1
26	MP4A	Z	149.533	1
27	MP4A	Mx	-.075	1
28	MP4A	X	-86.333	6
29	MP4A	Z	149.533	6
30	MP4A	Mx	-.075	6
31	MP4C	X	-52.468	1
32	MP4C	Z	90.876	1
33	MP4C	Mx	.078	1
34	MP4C	X	-52.468	6
35	MP4C	Z	90.876	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
36	MP4C	Mx	.078	6
37	MP1A	X	-34.854	2.5
38	MP1A	Z	60.369	2.5
39	MP1A	Mx	.017	2.5
40	MP1A	X	-34.854	4.5
41	MP1A	Z	60.369	4.5
42	MP1A	Mx	.017	4.5
43	MP1B	X	-38.181	2.5
44	MP1B	Z	66.132	2.5
45	MP1B	Mx	-.013	2.5
46	MP1B	X	-38.181	4.5
47	MP1B	Z	66.132	4.5
48	MP1B	Mx	-.013	4.5
49	MP1C	X	-19.02	2.5
50	MP1C	Z	32.943	2.5
51	MP1C	Mx	.018	2.5
52	MP1C	X	-19.02	4.5
53	MP1C	Z	32.943	4.5
54	MP1C	Mx	.018	4.5
55	MP4A	X	-5.974	2
56	MP4A	Z	10.347	2
57	MP4A	Mx	-.003	2
58	MP4B	X	-6.239	2
59	MP4B	Z	10.806	2
60	MP4B	Mx	.002	2
61	MP4C	X	-4.711	2
62	MP4C	Z	8.16	2
63	MP4C	Mx	-.004	2
64	MP3A	X	-30	4
65	MP3A	Z	51.961	4
66	MP3A	Mx	-.015	4
67	MP3B	X	-31.442	4
68	MP3B	Z	54.46	4
69	MP3B	Mx	.011	4
70	MP3C	X	-23.134	4
71	MP3C	Z	40.07	4
72	MP3C	Mx	-.022	4
73	MP4A	X	-24.019	4
74	MP4A	Z	41.603	4
75	MP4A	Mx	-.012	4
76	MP4B	X	-24.828	4
77	MP4B	Z	43.003	4
78	MP4B	Mx	.008	4
79	MP4C	X	-20.172	4
80	MP4C	Z	34.938	4
81	MP4C	Mx	-.019	4
82	M2	X	-60.693	6
83	M2	Z	105.124	6
84	M2	Mx	0	6
85	M22	X	-60.693	6
86	M22	Z	105.124	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4B	X	-110.212	1



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
2	MP4B	Z	63.631	1
3	MP4B	Mx	-.103	1
4	MP4B	X	-110.212	6
5	MP4B	Z	63.631	6
6	MP4B	Mx	-.103	6
7	MP4B	X	-110.212	1
8	MP4B	Z	63.631	1
9	MP4B	Mx	.006	1
10	MP4B	X	-110.212	6
11	MP4B	Z	63.631	6
12	MP4B	Mx	.006	6
13	MP4A	X	-103.202	1
14	MP4A	Z	59.584	1
15	MP4A	Mx	.099	1
16	MP4A	X	-103.202	6
17	MP4A	Z	59.584	6
18	MP4A	Mx	.099	6
19	MP4C	X	-134.413	1
20	MP4C	Z	77.603	1
21	MP4C	Mx	-.039	1
22	MP4C	X	-134.413	6
23	MP4C	Z	77.603	6
24	MP4C	Mx	-.039	6
25	MP4A	X	-103.202	1
26	MP4A	Z	59.584	1
27	MP4A	Mx	.004	1
28	MP4A	X	-103.202	6
29	MP4A	Z	59.584	6
30	MP4A	Mx	.004	6
31	MP4C	X	-134.413	1
32	MP4C	Z	77.603	1
33	MP4C	Mx	.144	1
34	MP4C	X	-134.413	6
35	MP4C	Z	77.603	6
36	MP4C	Mx	.144	6
37	MP1A	X	-38.706	2.5
38	MP1A	Z	22.347	2.5
39	MP1A	Mx	.019	2.5
40	MP1A	X	-38.706	4.5
41	MP1A	Z	22.347	4.5
42	MP1A	Mx	.019	4.5
43	MP1B	X	-45.776	2.5
44	MP1B	Z	26.429	2.5
45	MP1B	Mx	-.02	2.5
46	MP1B	X	-45.776	4.5
47	MP1B	Z	26.429	4.5
48	MP1B	Mx	-.02	4.5
49	MP1C	X	-53.299	2.5
50	MP1C	Z	30.772	2.5
51	MP1C	Mx	.02	2.5
52	MP1C	X	-53.299	4.5
53	MP1C	Z	30.772	4.5
54	MP1C	Mx	.02	4.5
55	MP4A	X	-8.62	2
56	MP4A	Z	4.977	2
57	MP4A	Mx	-.004	2
58	MP4B	X	-9.183	2



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
59	MP4B	Z	5.302	2
60	MP4B	Mx	.004	2
61	MP4C	X	-9.783	2
62	MP4C	Z	5.648	2
63	MP4C	Mx	-.004	2
64	MP3A	X	-42.569	4
65	MP3A	Z	24.577	4
66	MP3A	Mx	-.021	4
67	MP3B	X	-45.634	4
68	MP3B	Z	26.347	4
69	MP3B	Mx	.02	4
70	MP3C	X	-48.896	4
71	MP3C	Z	28.23	4
72	MP3C	Mx	-.018	4
73	MP4A	X	-36.339	4
74	MP4A	Z	20.98	4
75	MP4A	Mx	-.018	4
76	MP4B	X	-38.057	4
77	MP4B	Z	21.972	4
78	MP4B	Mx	.017	4
79	MP4C	X	-39.885	4
80	MP4C	Z	23.028	4
81	MP4C	Mx	-.015	4
82	M2	X	-85.713	6
83	M2	Z	49.487	6
84	M2	Mx	0	6
85	M22	X	-85.713	6
86	M22	Z	49.487	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP4B	X	-106.313	1
2	MP4B	Z	0	1
3	MP4B	Mx	-.065	1
4	MP4B	X	-106.313	6
5	MP4B	Z	0	6
6	MP4B	Mx	-.065	6
7	MP4B	X	-106.313	1
8	MP4B	Z	0	1
9	MP4B	Mx	-.04	1
10	MP4B	X	-106.313	6
11	MP4B	Z	0	6
12	MP4B	Mx	-.04	6
13	MP4A	X	-92.419	1
14	MP4A	Z	0	1
15	MP4A	Mx	.046	1
16	MP4A	X	-92.419	6
17	MP4A	Z	0	6
18	MP4A	Mx	.046	6
19	MP4C	X	-196.189	1
20	MP4C	Z	0	1
21	MP4C	Mx	-.128	1
22	MP4C	X	-196.189	6
23	MP4C	Z	0	6
24	MP4C	Mx	-.128	6



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP4A	X	-92.419	1
26	MP4A	Z	0	1
27	MP4A	Mx	.046	1
28	MP4A	X	-92.419	6
29	MP4A	Z	0	6
30	MP4A	Mx	.046	6
31	MP4C	X	-196.189	1
32	MP4C	Z	0	1
33	MP4C	Mx	.17	1
34	MP4C	X	-196.189	6
35	MP4C	Z	0	6
36	MP4C	Mx	.17	6
37	MP1A	X	-32.187	2.5
38	MP1A	Z	0	2.5
39	MP1A	Mx	.016	2.5
40	MP1A	X	-32.187	4.5
41	MP1A	Z	0	4.5
42	MP1A	Mx	.016	4.5
43	MP1B	X	-33.696	2.5
44	MP1B	Z	0	2.5
45	MP1B	Mx	-.017	2.5
46	MP1B	X	-33.696	4.5
47	MP1B	Z	0	4.5
48	MP1B	Mx	-.017	4.5
49	MP1C	X	-80.706	2.5
50	MP1C	Z	0	2.5
51	MP1C	Mx	.007	2.5
52	MP1C	X	-80.706	4.5
53	MP1C	Z	0	4.5
54	MP1C	Mx	.007	4.5
55	MP4A	X	-8.956	2
56	MP4A	Z	0	2
57	MP4A	Mx	-.004	2
58	MP4B	X	-9.076	2
59	MP4B	Z	0	2
60	MP4B	Mx	.004	2
61	MP4C	X	-12.824	2
62	MP4C	Z	0	2
63	MP4C	Mx	-.001	2
64	MP3A	X	-43.731	4
65	MP3A	Z	0	4
66	MP3A	Mx	-.022	4
67	MP3B	X	-44.385	4
68	MP3B	Z	0	4
69	MP3B	Mx	.022	4
70	MP3C	X	-64.768	4
71	MP3C	Z	0	4
72	MP3C	Mx	-.006	4
73	MP4A	X	-38.921	4
74	MP4A	Z	0	4
75	MP4A	Mx	-.019	4
76	MP4B	X	-39.287	4
77	MP4B	Z	0	4
78	MP4B	Mx	.019	4
79	MP4C	X	-50.712	4
80	MP4C	Z	0	4
81	MP4C	Mx	-.004	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
82	M2	X	-87.766	6
83	M2	Z	0	6
84	M2	Mx	0	6
85	M22	X	-87.766	6
86	M22	Z	0	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4B	X	-96.182	1
2	MP4B	Z	-55.531	1
3	MP4B	Mx	-.027	1
4	MP4B	X	-96.182	6
5	MP4B	Z	-55.531	6
6	MP4B	Mx	-.027	6
7	MP4B	X	-96.182	1
8	MP4B	Z	-55.531	1
9	MP4B	Mx	-.078	1
10	MP4B	X	-96.182	6
11	MP4B	Z	-55.531	6
12	MP4B	Mx	-.078	6
13	MP4A	X	-103.202	1
14	MP4A	Z	-59.584	1
15	MP4A	Mx	.004	1
16	MP4A	X	-103.202	6
17	MP4A	Z	-59.584	6
18	MP4A	Mx	.004	6
19	MP4C	X	-161.859	1
20	MP4C	Z	-93.449	1
21	MP4C	Mx	-.164	1
22	MP4C	X	-161.859	6
23	MP4C	Z	-93.449	6
24	MP4C	Mx	-.164	6
25	MP4A	X	-103.202	1
26	MP4A	Z	-59.584	1
27	MP4A	Mx	.099	1
28	MP4A	X	-103.202	6
29	MP4A	Z	-59.584	6
30	MP4A	Mx	.099	6
31	MP4C	X	-161.859	1
32	MP4C	Z	-93.449	1
33	MP4C	Mx	.107	1
34	MP4C	X	-161.859	6
35	MP4C	Z	-93.449	6
36	MP4C	Mx	.107	6
37	MP1A	X	-38.706	2.5
38	MP1A	Z	-22.347	2.5
39	MP1A	Mx	.019	2.5
40	MP1A	X	-38.706	4.5
41	MP1A	Z	-22.347	4.5
42	MP1A	Mx	.019	4.5
43	MP1B	X	-32.943	2.5
44	MP1B	Z	-19.02	2.5
45	MP1B	Mx	-.018	2.5
46	MP1B	X	-32.943	4.5
47	MP1B	Z	-19.02	4.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
48	MP1B	Mx	-.018	4.5
49	MP1C	X	-66.132	2.5
50	MP1C	Z	-38.181	2.5
51	MP1C	Mx	-.013	2.5
52	MP1C	X	-66.132	4.5
53	MP1C	Z	-38.181	4.5
54	MP1C	Mx	-.013	4.5
55	MP4A	X	-8.62	2
56	MP4A	Z	-4.977	2
57	MP4A	Mx	-.004	2
58	MP4B	X	-8.16	2
59	MP4B	Z	-4.711	2
60	MP4B	Mx	.004	2
61	MP4C	X	-10.806	2
62	MP4C	Z	-6.239	2
63	MP4C	Mx	.002	2
64	MP3A	X	-42.569	4
65	MP3A	Z	-24.577	4
66	MP3A	Mx	-.021	4
67	MP3B	X	-40.07	4
68	MP3B	Z	-23.134	4
69	MP3B	Mx	.022	4
70	MP3C	X	-54.46	4
71	MP3C	Z	-31.442	4
72	MP3C	Mx	.011	4
73	MP4A	X	-36.339	4
74	MP4A	Z	-20.98	4
75	MP4A	Mx	-.018	4
76	MP4B	X	-34.938	4
77	MP4B	Z	-20.172	4
78	MP4B	Mx	.019	4
79	MP4C	X	-43.003	4
80	MP4C	Z	-24.828	4
81	MP4C	Mx	.008	4
82	M2	X	-85.713	6
83	M2	Z	-49.487	6
84	M2	Mx	0	6
85	M22	X	-85.713	6
86	M22	Z	-49.487	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4B	X	-68.38	1
2	MP4B	Z	-118.437	1
3	MP4B	Mx	.026	1
4	MP4B	X	-68.38	6
5	MP4B	Z	-118.437	6
6	MP4B	Mx	.026	6
7	MP4B	X	-68.38	1
8	MP4B	Z	-118.437	1
9	MP4B	Mx	-.114	1
10	MP4B	X	-68.38	6
11	MP4B	Z	-118.437	6
12	MP4B	Mx	-.114	6
13	MP4A	X	-86.333	1



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP4A	Z	-149.533	1
15	MP4A	Mx	-.075	1
16	MP4A	X	-86.333	6
17	MP4A	Z	-149.533	6
18	MP4A	Mx	-.075	6
19	MP4C	X	-68.314	1
20	MP4C	Z	-118.323	1
21	MP4C	Mx	-.118	1
22	MP4C	X	-68.314	6
23	MP4C	Z	-118.323	6
24	MP4C	Mx	-.118	6
25	MP4A	X	-86.333	1
26	MP4A	Z	-149.533	1
27	MP4A	Mx	.162	1
28	MP4A	X	-86.333	6
29	MP4A	Z	-149.533	6
30	MP4A	Mx	.162	6
31	MP4C	X	-68.314	1
32	MP4C	Z	-118.323	1
33	MP4C	Mx	.017	1
34	MP4C	X	-68.314	6
35	MP4C	Z	-118.323	6
36	MP4C	Mx	.017	6
37	MP1A	X	-34.854	2.5
38	MP1A	Z	-60.369	2.5
39	MP1A	Mx	.017	2.5
40	MP1A	X	-34.854	4.5
41	MP1A	Z	-60.369	4.5
42	MP1A	Mx	.017	4.5
43	MP1B	X	-30.772	2.5
44	MP1B	Z	-53.299	2.5
45	MP1B	Mx	-.02	2.5
46	MP1B	X	-30.772	4.5
47	MP1B	Z	-53.299	4.5
48	MP1B	Mx	-.02	4.5
49	MP1C	X	-26.429	2.5
50	MP1C	Z	-45.776	2.5
51	MP1C	Mx	-.02	2.5
52	MP1C	X	-26.429	4.5
53	MP1C	Z	-45.776	4.5
54	MP1C	Mx	-.02	4.5
55	MP4A	X	-5.974	2
56	MP4A	Z	-10.347	2
57	MP4A	Mx	-.003	2
58	MP4B	X	-5.648	2
59	MP4B	Z	-9.783	2
60	MP4B	Mx	.004	2
61	MP4C	X	-5.302	2
62	MP4C	Z	-9.183	2
63	MP4C	Mx	.004	2
64	MP3A	X	-30	4
65	MP3A	Z	-51.961	4
66	MP3A	Mx	-.015	4
67	MP3B	X	-28.23	4
68	MP3B	Z	-48.896	4
69	MP3B	Mx	.018	4
70	MP3C	X	-26.347	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
71	MP3C	Z	-45.634	4
72	MP3C	Mx	.02	4
73	MP4A	X	-24.019	4
74	MP4A	Z	-41.603	4
75	MP4A	Mx	-.012	4
76	MP4B	X	-23.028	4
77	MP4B	Z	-39.885	4
78	MP4B	Mx	.015	4
79	MP4C	X	-21.972	4
80	MP4C	Z	-38.057	4
81	MP4C	Mx	.017	4
82	M2	X	-60.693	6
83	M2	Z	-105.124	6
84	M2	Mx	0	6
85	M22	X	-60.693	6
86	M22	Z	-105.124	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP4B	X	0	1
2	MP4B	Z	-29.068	1
3	MP4B	Mx	.017	1
4	MP4B	X	0	6
5	MP4B	Z	-29.068	6
6	MP4B	Mx	.017	6
7	MP4B	X	0	1
8	MP4B	Z	-29.068	1
9	MP4B	Mx	-.022	1
10	MP4B	X	0	6
11	MP4B	Z	-29.068	6
12	MP4B	Mx	-.022	6
13	MP4A	X	0	1
14	MP4A	Z	-36.269	1
15	MP4A	Mx	-.029	1
16	MP4A	X	0	6
17	MP4A	Z	-36.269	6
18	MP4A	Mx	-.029	6
19	MP4C	X	0	1
20	MP4C	Z	-18.452	1
21	MP4C	Mx	-.011	1
22	MP4C	X	0	6
23	MP4C	Z	-18.452	6
24	MP4C	Mx	-.011	6
25	MP4A	X	0	1
26	MP4A	Z	-36.269	1
27	MP4A	Mx	.029	1
28	MP4A	X	0	6
29	MP4A	Z	-36.269	6
30	MP4A	Mx	.029	6
31	MP4C	X	0	1
32	MP4C	Z	-18.452	1
33	MP4C	Mx	-.007	1
34	MP4C	X	0	6
35	MP4C	Z	-18.452	6
36	MP4C	Mx	-.007	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
37	MP1A	X	0	2.5
38	MP1A	Z	-15.613	2.5
39	MP1A	Mx	0	2.5
40	MP1A	X	0	4.5
41	MP1A	Z	-15.613	4.5
42	MP1A	Mx	0	4.5
43	MP1B	X	0	2.5
44	MP1B	Z	-15.343	2.5
45	MP1B	Mx	-.001	2.5
46	MP1B	X	0	4.5
47	MP1B	Z	-15.343	4.5
48	MP1B	Mx	-.001	4.5
49	MP1C	X	0	2.5
50	MP1C	Z	-6.925	2.5
51	MP1C	Mx	-.003	2.5
52	MP1C	X	0	4.5
53	MP1C	Z	-6.925	4.5
54	MP1C	Mx	-.003	4.5
55	MP4A	X	0	2
56	MP4A	Z	-3.2	2
57	MP4A	Mx	0	2
58	MP4B	X	0	2
59	MP4B	Z	-3.176	2
60	MP4B	Mx	.000276	2
61	MP4C	X	0	2
62	MP4C	Z	-2.426	2
63	MP4C	Mx	.001	2
64	MP3A	X	0	4
65	MP3A	Z	-13.164	4
66	MP3A	Mx	0	4
67	MP3B	X	0	4
68	MP3B	Z	-13.043	4
69	MP3B	Mx	.001	4
70	MP3C	X	0	4
71	MP3C	Z	-9.28	4
72	MP3C	Mx	.005	4
73	MP4A	X	0	4
74	MP4A	Z	-10.601	4
75	MP4A	Mx	0	4
76	MP4B	X	0	4
77	MP4B	Z	-10.531	4
78	MP4B	Mx	.000914	4
79	MP4C	X	0	4
80	MP4C	Z	-8.348	4
81	MP4C	Mx	.004	4
82	M2	X	0	6
83	M2	Z	-25.334	6
84	M2	Mx	0	6
85	M22	X	0	6
86	M22	Z	-25.334	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4B	X	14.129	1
2	MP4B	Z	-24.473	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
3	MP4B	Mx	.023	1
4	MP4B	X	14.129	6
5	MP4B	Z	-24.473	6
6	MP4B	Mx	.023	6
7	MP4B	X	14.129	1
8	MP4B	Z	-24.473	1
9	MP4B	Mx	-.013	1
10	MP4B	X	14.129	6
11	MP4B	Z	-24.473	6
12	MP4B	Mx	-.013	6
13	MP4A	X	15.838	1
14	MP4A	Z	-27.432	1
15	MP4A	Mx	-.03	1
16	MP4A	X	15.838	6
17	MP4A	Z	-27.432	6
18	MP4A	Mx	-.03	6
19	MP4C	X	10.023	1
20	MP4C	Z	-17.361	1
21	MP4C	Mx	-.004	1
22	MP4C	X	10.023	6
23	MP4C	Z	-17.361	6
24	MP4C	Mx	-.004	6
25	MP4A	X	15.838	1
26	MP4A	Z	-27.432	1
27	MP4A	Mx	.014	1
28	MP4A	X	15.838	6
29	MP4A	Z	-27.432	6
30	MP4A	Mx	.014	6
31	MP4C	X	10.023	1
32	MP4C	Z	-17.361	1
33	MP4C	Mx	-.015	1
34	MP4C	X	10.023	6
35	MP4C	Z	-17.361	6
36	MP4C	Mx	-.015	6
37	MP1A	X	6.687	2.5
38	MP1A	Z	-11.582	2.5
39	MP1A	Mx	-.003	2.5
40	MP1A	X	6.687	4.5
41	MP1A	Z	-11.582	4.5
42	MP1A	Mx	-.003	4.5
43	MP1B	X	7.282	2.5
44	MP1B	Z	-12.614	2.5
45	MP1B	Mx	.002	2.5
46	MP1B	X	7.282	4.5
47	MP1B	Z	-12.614	4.5
48	MP1B	Mx	.002	4.5
49	MP1C	X	3.851	2.5
50	MP1C	Z	-6.67	2.5
51	MP1C	Mx	-.004	2.5
52	MP1C	X	3.851	4.5
53	MP1C	Z	-6.67	4.5
54	MP1C	Mx	-.004	4.5
55	MP4A	X	1.5	2
56	MP4A	Z	-2.598	2
57	MP4A	Mx	.00075	2
58	MP4B	X	1.553	2
59	MP4B	Z	-2.69	2



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4B	Mx	-0.00531	2
61	MP4C	X	1.248	2
62	MP4C	Z	-2.161	2
63	MP4C	Mx	.001	2
64	MP3A	X	6.081	4
65	MP3A	Z	-10.533	4
66	MP3A	Mx	.003	4
67	MP3B	X	6.348	4
68	MP3B	Z	-10.994	4
69	MP3B	Mx	-.002	4
70	MP3C	X	4.814	4
71	MP3C	Z	-8.338	4
72	MP3C	Mx	.005	4
73	MP4A	X	5.01	4
74	MP4A	Z	-8.678	4
75	MP4A	Mx	.003	4
76	MP4B	X	5.165	4
77	MP4B	Z	-8.945	4
78	MP4B	Mx	-.002	4
79	MP4C	X	4.275	4
80	MP4C	Z	-7.404	4
81	MP4C	Mx	.004	4
82	M2	X	11.667	6
83	M2	Z	-20.207	6
84	M2	Mx	0	6
85	M22	X	11.667	6
86	M22	Z	-20.207	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4B	X	20.679	1
2	MP4B	Z	-11.939	1
3	MP4B	Mx	.019	1
4	MP4B	X	20.679	6
5	MP4B	Z	-11.939	6
6	MP4B	Mx	.019	6
7	MP4B	X	20.679	1
8	MP4B	Z	-11.939	1
9	MP4B	Mx	-.001	1
10	MP4B	X	20.679	6
11	MP4B	Z	-11.939	6
12	MP4B	Mx	-.001	6
13	MP4A	X	19.477	1
14	MP4A	Z	-11.245	1
15	MP4A	Mx	-.019	1
16	MP4A	X	19.477	6
17	MP4A	Z	-11.245	6
18	MP4A	Mx	-.019	6
19	MP4C	X	24.836	1
20	MP4C	Z	-14.339	1
21	MP4C	Mx	.007	1
22	MP4C	X	24.836	6
23	MP4C	Z	-14.339	6
24	MP4C	Mx	.007	6
25	MP4A	X	19.477	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
26	MP4A	Z	-11.245	1
27	MP4A	Mx	-.000836	1
28	MP4A	X	19.477	6
29	MP4A	Z	-11.245	6
30	MP4A	Mx	-.000836	6
31	MP4C	X	24.836	1
32	MP4C	Z	-14.339	1
33	MP4C	Mx	-.027	1
34	MP4C	X	24.836	6
35	MP4C	Z	-14.339	6
36	MP4C	Mx	-.027	6
37	MP1A	X	7.702	2.5
38	MP1A	Z	-4.447	2.5
39	MP1A	Mx	-.004	2.5
40	MP1A	X	7.702	4.5
41	MP1A	Z	-4.447	4.5
42	MP1A	Mx	-.004	4.5
43	MP1B	X	8.968	2.5
44	MP1B	Z	-5.178	2.5
45	MP1B	Mx	.004	2.5
46	MP1B	X	8.968	4.5
47	MP1B	Z	-5.178	4.5
48	MP1B	Mx	.004	4.5
49	MP1C	X	10.316	2.5
50	MP1C	Z	-5.956	2.5
51	MP1C	Mx	-.004	2.5
52	MP1C	X	10.316	4.5
53	MP1C	Z	-5.956	4.5
54	MP1C	Mx	-.004	4.5
55	MP4A	X	2.253	2
56	MP4A	Z	-1.301	2
57	MP4A	Mx	.001	2
58	MP4B	X	2.366	2
59	MP4B	Z	-1.366	2
60	MP4B	Mx	-.001	2
61	MP4C	X	2.486	2
62	MP4C	Z	-1.435	2
63	MP4C	Mx	.000922	2
64	MP3A	X	8.799	4
65	MP3A	Z	-5.08	4
66	MP3A	Mx	.004	4
67	MP3B	X	9.365	4
68	MP3B	Z	-5.407	4
69	MP3B	Mx	-.004	4
70	MP3C	X	9.967	4
71	MP3C	Z	-5.755	4
72	MP3C	Mx	.004	4
73	MP4A	X	7.672	4
74	MP4A	Z	-4.429	4
75	MP4A	Mx	.004	4
76	MP4B	X	8	4
77	MP4B	Z	-4.619	4
78	MP4B	Mx	-.004	4
79	MP4C	X	8.349	4
80	MP4C	Z	-4.821	4
81	MP4C	Mx	.003	4
82	M2	X	16.743	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
83	M2	Z	-9.667	6
84	M2	Mx	0	6
85	M22	X	16.743	6
86	M22	Z	-9.667	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4B	X	20.307	1
2	MP4B	Z	0	1
3	MP4B	Mx	.012	1
4	MP4B	X	20.307	6
5	MP4B	Z	0	6
6	MP4B	Mx	.012	6
7	MP4B	X	20.307	1
8	MP4B	Z	0	1
9	MP4B	Mx	.008	1
10	MP4B	X	20.307	6
11	MP4B	Z	0	6
12	MP4B	Mx	.008	6
13	MP4A	X	17.898	1
14	MP4A	Z	0	1
15	MP4A	Mx	-.009	1
16	MP4A	X	17.898	6
17	MP4A	Z	0	6
18	MP4A	Mx	-.009	6
19	MP4C	X	35.715	1
20	MP4C	Z	0	1
21	MP4C	Mx	.023	1
22	MP4C	X	35.715	6
23	MP4C	Z	0	6
24	MP4C	Mx	.023	6
25	MP4A	X	17.898	1
26	MP4A	Z	0	1
27	MP4A	Mx	-.009	1
28	MP4A	X	17.898	6
29	MP4A	Z	0	6
30	MP4A	Mx	-.009	6
31	MP4C	X	35.715	1
32	MP4C	Z	0	1
33	MP4C	Mx	-.031	1
34	MP4C	X	35.715	6
35	MP4C	Z	0	6
36	MP4C	Mx	-.031	6
37	MP1A	X	6.654	2.5
38	MP1A	Z	0	2.5
39	MP1A	Mx	-.003	2.5
40	MP1A	X	6.654	4.5
41	MP1A	Z	0	4.5
42	MP1A	Mx	-.003	4.5
43	MP1B	X	6.925	2.5
44	MP1B	Z	0	2.5
45	MP1B	Mx	.003	2.5
46	MP1B	X	6.925	4.5
47	MP1B	Z	0	4.5
48	MP1B	Mx	.003	4.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
49	MP1C	X	15.343	2.5
50	MP1C	Z	0	2.5
51	MP1C	Mx	-.001	2.5
52	MP1C	X	15.343	4.5
53	MP1C	Z	0	4.5
54	MP1C	Mx	-.001	4.5
55	MP4A	X	2.402	2
56	MP4A	Z	0	2
57	MP4A	Mx	.001	2
58	MP4B	X	2.426	2
59	MP4B	Z	0	2
60	MP4B	Mx	-.001	2
61	MP4C	X	3.176	2
62	MP4C	Z	0	2
63	MP4C	Mx	.000276	2
64	MP3A	X	9.159	4
65	MP3A	Z	0	4
66	MP3A	Mx	.005	4
67	MP3B	X	9.28	4
68	MP3B	Z	0	4
69	MP3B	Mx	-.005	4
70	MP3C	X	13.043	4
71	MP3C	Z	0	4
72	MP3C	Mx	.001	4
73	MP4A	X	8.278	4
74	MP4A	Z	0	4
75	MP4A	Mx	.004	4
76	MP4B	X	8.348	4
77	MP4B	Z	0	4
78	MP4B	Mx	-.004	4
79	MP4C	X	10.531	4
80	MP4C	Z	0	4
81	MP4C	Mx	.000914	4
82	M2	X	17.333	6
83	M2	Z	0	6
84	M2	Mx	0	6
85	M22	X	17.333	6
86	M22	Z	0	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4B	X	18.287	1
2	MP4B	Z	10.558	1
3	MP4B	Mx	.005	1
4	MP4B	X	18.287	6
5	MP4B	Z	10.558	6
6	MP4B	Mx	.005	6
7	MP4B	X	18.287	1
8	MP4B	Z	10.558	1
9	MP4B	Mx	.015	1
10	MP4B	X	18.287	6
11	MP4B	Z	10.558	6
12	MP4B	Mx	.015	6
13	MP4A	X	19.477	1
14	MP4A	Z	11.245	1



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP4A	Mx	-.000836	1
16	MP4A	X	19.477	6
17	MP4A	Z	11.245	6
18	MP4A	Mx	-.000836	6
19	MP4C	X	29.548	1
20	MP4C	Z	17.06	1
21	MP4C	Mx	.03	1
22	MP4C	X	29.548	6
23	MP4C	Z	17.06	6
24	MP4C	Mx	.03	6
25	MP4A	X	19.477	1
26	MP4A	Z	11.245	1
27	MP4A	Mx	-.019	1
28	MP4A	X	19.477	6
29	MP4A	Z	11.245	6
30	MP4A	Mx	-.019	6
31	MP4C	X	29.548	1
32	MP4C	Z	17.06	1
33	MP4C	Mx	-.02	1
34	MP4C	X	29.548	6
35	MP4C	Z	17.06	6
36	MP4C	Mx	-.02	6
37	MP1A	X	7.702	2.5
38	MP1A	Z	4.447	2.5
39	MP1A	Mx	-.004	2.5
40	MP1A	X	7.702	4.5
41	MP1A	Z	4.447	4.5
42	MP1A	Mx	-.004	4.5
43	MP1B	X	6.67	2.5
44	MP1B	Z	3.851	2.5
45	MP1B	Mx	.004	2.5
46	MP1B	X	6.67	4.5
47	MP1B	Z	3.851	4.5
48	MP1B	Mx	.004	4.5
49	MP1C	X	12.614	2.5
50	MP1C	Z	7.282	2.5
51	MP1C	Mx	.002	2.5
52	MP1C	X	12.614	4.5
53	MP1C	Z	7.282	4.5
54	MP1C	Mx	.002	4.5
55	MP4A	X	2.253	2
56	MP4A	Z	1.301	2
57	MP4A	Mx	.001	2
58	MP4B	X	2.161	2
59	MP4B	Z	1.248	2
60	MP4B	Mx	-.001	2
61	MP4C	X	2.69	2
62	MP4C	Z	1.553	2
63	MP4C	Mx	-.000531	2
64	MP3A	X	8.799	4
65	MP3A	Z	5.08	4
66	MP3A	Mx	.004	4
67	MP3B	X	8.338	4
68	MP3B	Z	4.814	4
69	MP3B	Mx	-.005	4
70	MP3C	X	10.994	4
71	MP3C	Z	6.348	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
72	MP3C	Mx	-.002	4
73	MP4A	X	7.672	4
74	MP4A	Z	4.429	4
75	MP4A	Mx	.004	4
76	MP4B	X	7.404	4
77	MP4B	Z	4.275	4
78	MP4B	Mx	-.004	4
79	MP4C	X	8.945	4
80	MP4C	Z	5.165	4
81	MP4C	Mx	-.002	4
82	M2	X	16.743	6
83	M2	Z	9.667	6
84	M2	Mx	0	6
85	M22	X	16.743	6
86	M22	Z	9.667	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4B	X	12.749	1
2	MP4B	Z	22.081	1
3	MP4B	Mx	-.005	1
4	MP4B	X	12.749	6
5	MP4B	Z	22.081	6
6	MP4B	Mx	-.005	6
7	MP4B	X	12.749	1
8	MP4B	Z	22.081	1
9	MP4B	Mx	.021	1
10	MP4B	X	12.749	6
11	MP4B	Z	22.081	6
12	MP4B	Mx	.021	6
13	MP4A	X	15.838	1
14	MP4A	Z	27.432	1
15	MP4A	Mx	.014	1
16	MP4A	X	15.838	6
17	MP4A	Z	27.432	6
18	MP4A	Mx	.014	6
19	MP4C	X	12.744	1
20	MP4C	Z	22.073	1
21	MP4C	Mx	.022	1
22	MP4C	X	12.744	6
23	MP4C	Z	22.073	6
24	MP4C	Mx	.022	6
25	MP4A	X	15.838	1
26	MP4A	Z	27.432	1
27	MP4A	Mx	-.03	1
28	MP4A	X	15.838	6
29	MP4A	Z	27.432	6
30	MP4A	Mx	-.03	6
31	MP4C	X	12.744	1
32	MP4C	Z	22.073	1
33	MP4C	Mx	-.003	1
34	MP4C	X	12.744	6
35	MP4C	Z	22.073	6
36	MP4C	Mx	-.003	6
37	MP1A	X	6.687	2.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
38	MP1A	Z	11.582	2.5
39	MP1A	Mx	-.003	2.5
40	MP1A	X	6.687	4.5
41	MP1A	Z	11.582	4.5
42	MP1A	Mx	-.003	4.5
43	MP1B	X	5.956	2.5
44	MP1B	Z	10.316	2.5
45	MP1B	Mx	.004	2.5
46	MP1B	X	5.956	4.5
47	MP1B	Z	10.316	4.5
48	MP1B	Mx	.004	4.5
49	MP1C	X	5.178	2.5
50	MP1C	Z	8.968	2.5
51	MP1C	Mx	.004	2.5
52	MP1C	X	5.178	4.5
53	MP1C	Z	8.968	4.5
54	MP1C	Mx	.004	4.5
55	MP4A	X	1.5	2
56	MP4A	Z	2.598	2
57	MP4A	Mx	.00075	2
58	MP4B	X	1.435	2
59	MP4B	Z	2.486	2
60	MP4B	Mx	-.000922	2
61	MP4C	X	1.366	2
62	MP4C	Z	2.366	2
63	MP4C	Mx	-.001	2
64	MP3A	X	6.081	4
65	MP3A	Z	10.533	4
66	MP3A	Mx	.003	4
67	MP3B	X	5.755	4
68	MP3B	Z	9.967	4
69	MP3B	Mx	-.004	4
70	MP3C	X	5.407	4
71	MP3C	Z	9.365	4
72	MP3C	Mx	-.004	4
73	MP4A	X	5.01	4
74	MP4A	Z	8.678	4
75	MP4A	Mx	.003	4
76	MP4B	X	4.821	4
77	MP4B	Z	8.349	4
78	MP4B	Mx	-.003	4
79	MP4C	X	4.619	4
80	MP4C	Z	8	4
81	MP4C	Mx	-.004	4
82	M2	X	11.667	6
83	M2	Z	20.207	6
84	M2	Mx	0	6
85	M22	X	11.667	6
86	M22	Z	20.207	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4B	X	0	1
2	MP4B	Z	29.068	1
3	MP4B	Mx	-.017	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
4	MP4B	X	0	6
5	MP4B	Z	29.068	6
6	MP4B	Mx	-.017	6
7	MP4B	X	0	1
8	MP4B	Z	29.068	1
9	MP4B	Mx	.022	1
10	MP4B	X	0	6
11	MP4B	Z	29.068	6
12	MP4B	Mx	.022	6
13	MP4A	X	0	1
14	MP4A	Z	36.269	1
15	MP4A	Mx	.029	1
16	MP4A	X	0	6
17	MP4A	Z	36.269	6
18	MP4A	Mx	.029	6
19	MP4C	X	0	1
20	MP4C	Z	18.452	1
21	MP4C	Mx	.011	1
22	MP4C	X	0	6
23	MP4C	Z	18.452	6
24	MP4C	Mx	.011	6
25	MP4A	X	0	1
26	MP4A	Z	36.269	1
27	MP4A	Mx	-.029	1
28	MP4A	X	0	6
29	MP4A	Z	36.269	6
30	MP4A	Mx	-.029	6
31	MP4C	X	0	1
32	MP4C	Z	18.452	1
33	MP4C	Mx	.007	1
34	MP4C	X	0	6
35	MP4C	Z	18.452	6
36	MP4C	Mx	.007	6
37	MP1A	X	0	2.5
38	MP1A	Z	15.613	2.5
39	MP1A	Mx	0	2.5
40	MP1A	X	0	4.5
41	MP1A	Z	15.613	4.5
42	MP1A	Mx	0	4.5
43	MP1B	X	0	2.5
44	MP1B	Z	15.343	2.5
45	MP1B	Mx	.001	2.5
46	MP1B	X	0	4.5
47	MP1B	Z	15.343	4.5
48	MP1B	Mx	.001	4.5
49	MP1C	X	0	2.5
50	MP1C	Z	6.925	2.5
51	MP1C	Mx	.003	2.5
52	MP1C	X	0	4.5
53	MP1C	Z	6.925	4.5
54	MP1C	Mx	.003	4.5
55	MP4A	X	0	2
56	MP4A	Z	3.2	2
57	MP4A	Mx	0	2
58	MP4B	X	0	2
59	MP4B	Z	3.176	2
60	MP4B	Mx	-.000276	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
61	MP4C	X	0	2
62	MP4C	Z	2.426	2
63	MP4C	Mx	-.001	2
64	MP3A	X	0	4
65	MP3A	Z	13.164	4
66	MP3A	Mx	0	4
67	MP3B	X	0	4
68	MP3B	Z	13.043	4
69	MP3B	Mx	-.001	4
70	MP3C	X	0	4
71	MP3C	Z	9.28	4
72	MP3C	Mx	-.005	4
73	MP4A	X	0	4
74	MP4A	Z	10.601	4
75	MP4A	Mx	0	4
76	MP4B	X	0	4
77	MP4B	Z	10.531	4
78	MP4B	Mx	-.000914	4
79	MP4C	X	0	4
80	MP4C	Z	8.348	4
81	MP4C	Mx	-.004	4
82	M2	X	0	6
83	M2	Z	25.334	6
84	M2	Mx	0	6
85	M22	X	0	6
86	M22	Z	25.334	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4B	X	-14.129	1
2	MP4B	Z	24.473	1
3	MP4B	Mx	-.023	1
4	MP4B	X	-14.129	6
5	MP4B	Z	24.473	6
6	MP4B	Mx	-.023	6
7	MP4B	X	-14.129	1
8	MP4B	Z	24.473	1
9	MP4B	Mx	.013	1
10	MP4B	X	-14.129	6
11	MP4B	Z	24.473	6
12	MP4B	Mx	.013	6
13	MP4A	X	-15.838	1
14	MP4A	Z	27.432	1
15	MP4A	Mx	.03	1
16	MP4A	X	-15.838	6
17	MP4A	Z	27.432	6
18	MP4A	Mx	.03	6
19	MP4C	X	-10.023	1
20	MP4C	Z	17.361	1
21	MP4C	Mx	.004	1
22	MP4C	X	-10.023	6
23	MP4C	Z	17.361	6
24	MP4C	Mx	.004	6
25	MP4A	X	-15.838	1
26	MP4A	Z	27.432	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
27	MP4A	Mx	-.014	1
28	MP4A	X	-15.838	6
29	MP4A	Z	27.432	6
30	MP4A	Mx	-.014	6
31	MP4C	X	-10.023	1
32	MP4C	Z	17.361	1
33	MP4C	Mx	.015	1
34	MP4C	X	-10.023	6
35	MP4C	Z	17.361	6
36	MP4C	Mx	.015	6
37	MP1A	X	-6.687	2.5
38	MP1A	Z	11.582	2.5
39	MP1A	Mx	.003	2.5
40	MP1A	X	-6.687	4.5
41	MP1A	Z	11.582	4.5
42	MP1A	Mx	.003	4.5
43	MP1B	X	-7.282	2.5
44	MP1B	Z	12.614	2.5
45	MP1B	Mx	-.002	2.5
46	MP1B	X	-7.282	4.5
47	MP1B	Z	12.614	4.5
48	MP1B	Mx	-.002	4.5
49	MP1C	X	-3.851	2.5
50	MP1C	Z	6.67	2.5
51	MP1C	Mx	.004	2.5
52	MP1C	X	-3.851	4.5
53	MP1C	Z	6.67	4.5
54	MP1C	Mx	.004	4.5
55	MP4A	X	-1.5	2
56	MP4A	Z	2.598	2
57	MP4A	Mx	-.00075	2
58	MP4B	X	-1.553	2
59	MP4B	Z	2.69	2
60	MP4B	Mx	.000531	2
61	MP4C	X	-1.248	2
62	MP4C	Z	2.161	2
63	MP4C	Mx	-.001	2
64	MP3A	X	-6.081	4
65	MP3A	Z	10.533	4
66	MP3A	Mx	-.003	4
67	MP3B	X	-6.348	4
68	MP3B	Z	10.994	4
69	MP3B	Mx	.002	4
70	MP3C	X	-4.814	4
71	MP3C	Z	8.338	4
72	MP3C	Mx	-.005	4
73	MP4A	X	-5.01	4
74	MP4A	Z	8.678	4
75	MP4A	Mx	-.003	4
76	MP4B	X	-5.165	4
77	MP4B	Z	8.945	4
78	MP4B	Mx	.002	4
79	MP4C	X	-4.275	4
80	MP4C	Z	7.404	4
81	MP4C	Mx	-.004	4
82	M2	X	-11.667	6
83	M2	Z	20.207	6



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	M2	Mx	0	6
85	M22	X	-11.667	6
86	M22	Z	20.207	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4B	X	-20.679	1
2	MP4B	Z	11.939	1
3	MP4B	Mx	-.019	1
4	MP4B	X	-20.679	6
5	MP4B	Z	11.939	6
6	MP4B	Mx	-.019	6
7	MP4B	X	-20.679	1
8	MP4B	Z	11.939	1
9	MP4B	Mx	.001	1
10	MP4B	X	-20.679	6
11	MP4B	Z	11.939	6
12	MP4B	Mx	.001	6
13	MP4A	X	-19.477	1
14	MP4A	Z	11.245	1
15	MP4A	Mx	.019	1
16	MP4A	X	-19.477	6
17	MP4A	Z	11.245	6
18	MP4A	Mx	.019	6
19	MP4C	X	-24.836	1
20	MP4C	Z	14.339	1
21	MP4C	Mx	-.007	1
22	MP4C	X	-24.836	6
23	MP4C	Z	14.339	6
24	MP4C	Mx	-.007	6
25	MP4A	X	-19.477	1
26	MP4A	Z	11.245	1
27	MP4A	Mx	.000836	1
28	MP4A	X	-19.477	6
29	MP4A	Z	11.245	6
30	MP4A	Mx	.000836	6
31	MP4C	X	-24.836	1
32	MP4C	Z	14.339	1
33	MP4C	Mx	.027	1
34	MP4C	X	-24.836	6
35	MP4C	Z	14.339	6
36	MP4C	Mx	.027	6
37	MP1A	X	-7.702	2.5
38	MP1A	Z	4.447	2.5
39	MP1A	Mx	.004	2.5
40	MP1A	X	-7.702	4.5
41	MP1A	Z	4.447	4.5
42	MP1A	Mx	.004	4.5
43	MP1B	X	-8.968	2.5
44	MP1B	Z	5.178	2.5
45	MP1B	Mx	-.004	2.5
46	MP1B	X	-8.968	4.5
47	MP1B	Z	5.178	4.5
48	MP1B	Mx	-.004	4.5
49	MP1C	X	-10.316	2.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
50	MP1C	Z	5.956	2.5
51	MP1C	Mx	.004	2.5
52	MP1C	X	-10.316	4.5
53	MP1C	Z	5.956	4.5
54	MP1C	Mx	.004	4.5
55	MP4A	X	-2.253	2
56	MP4A	Z	1.301	2
57	MP4A	Mx	-.001	2
58	MP4B	X	-2.366	2
59	MP4B	Z	1.366	2
60	MP4B	Mx	.001	2
61	MP4C	X	-2.486	2
62	MP4C	Z	1.435	2
63	MP4C	Mx	-.000922	2
64	MP3A	X	-8.799	4
65	MP3A	Z	5.08	4
66	MP3A	Mx	-.004	4
67	MP3B	X	-9.365	4
68	MP3B	Z	5.407	4
69	MP3B	Mx	.004	4
70	MP3C	X	-9.967	4
71	MP3C	Z	5.755	4
72	MP3C	Mx	-.004	4
73	MP4A	X	-7.672	4
74	MP4A	Z	4.429	4
75	MP4A	Mx	-.004	4
76	MP4B	X	-8	4
77	MP4B	Z	4.619	4
78	MP4B	Mx	.004	4
79	MP4C	X	-8.349	4
80	MP4C	Z	4.821	4
81	MP4C	Mx	-.003	4
82	M2	X	-16.743	6
83	M2	Z	9.667	6
84	M2	Mx	0	6
85	M22	X	-16.743	6
86	M22	Z	9.667	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4B	X	-20.307	1
2	MP4B	Z	0	1
3	MP4B	Mx	-.012	1
4	MP4B	X	-20.307	6
5	MP4B	Z	0	6
6	MP4B	Mx	-.012	6
7	MP4B	X	-20.307	1
8	MP4B	Z	0	1
9	MP4B	Mx	-.008	1
10	MP4B	X	-20.307	6
11	MP4B	Z	0	6
12	MP4B	Mx	-.008	6
13	MP4A	X	-17.898	1
14	MP4A	Z	0	1
15	MP4A	Mx	.009	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
16	MP4A	X	-17.898	6
17	MP4A	Z	0	6
18	MP4A	Mx	.009	6
19	MP4C	X	-35.715	1
20	MP4C	Z	0	1
21	MP4C	Mx	-.023	1
22	MP4C	X	-35.715	6
23	MP4C	Z	0	6
24	MP4C	Mx	-.023	6
25	MP4A	X	-17.898	1
26	MP4A	Z	0	1
27	MP4A	Mx	.009	1
28	MP4A	X	-17.898	6
29	MP4A	Z	0	6
30	MP4A	Mx	.009	6
31	MP4C	X	-35.715	1
32	MP4C	Z	0	1
33	MP4C	Mx	.031	1
34	MP4C	X	-35.715	6
35	MP4C	Z	0	6
36	MP4C	Mx	.031	6
37	MP1A	X	-6.654	2.5
38	MP1A	Z	0	2.5
39	MP1A	Mx	.003	2.5
40	MP1A	X	-6.654	4.5
41	MP1A	Z	0	4.5
42	MP1A	Mx	.003	4.5
43	MP1B	X	-6.925	2.5
44	MP1B	Z	0	2.5
45	MP1B	Mx	-.003	2.5
46	MP1B	X	-6.925	4.5
47	MP1B	Z	0	4.5
48	MP1B	Mx	-.003	4.5
49	MP1C	X	-15.343	2.5
50	MP1C	Z	0	2.5
51	MP1C	Mx	.001	2.5
52	MP1C	X	-15.343	4.5
53	MP1C	Z	0	4.5
54	MP1C	Mx	.001	4.5
55	MP4A	X	-2.402	2
56	MP4A	Z	0	2
57	MP4A	Mx	-.001	2
58	MP4B	X	-2.426	2
59	MP4B	Z	0	2
60	MP4B	Mx	.001	2
61	MP4C	X	-3.176	2
62	MP4C	Z	0	2
63	MP4C	Mx	-.000276	2
64	MP3A	X	-9.159	4
65	MP3A	Z	0	4
66	MP3A	Mx	-.005	4
67	MP3B	X	-9.28	4
68	MP3B	Z	0	4
69	MP3B	Mx	.005	4
70	MP3C	X	-13.043	4
71	MP3C	Z	0	4
72	MP3C	Mx	-.001	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
73	MP4A	X	-8.278	4
74	MP4A	Z	0	4
75	MP4A	Mx	-.004	4
76	MP4B	X	-8.348	4
77	MP4B	Z	0	4
78	MP4B	Mx	.004	4
79	MP4C	X	-10.531	4
80	MP4C	Z	0	4
81	MP4C	Mx	-.000914	4
82	M2	X	-17.333	6
83	M2	Z	0	6
84	M2	Mx	0	6
85	M22	X	-17.333	6
86	M22	Z	0	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4B	X	-18.287	1
2	MP4B	Z	-10.558	1
3	MP4B	Mx	-.005	1
4	MP4B	X	-18.287	6
5	MP4B	Z	-10.558	6
6	MP4B	Mx	-.005	6
7	MP4B	X	-18.287	1
8	MP4B	Z	-10.558	1
9	MP4B	Mx	-.015	1
10	MP4B	X	-18.287	6
11	MP4B	Z	-10.558	6
12	MP4B	Mx	-.015	6
13	MP4A	X	-19.477	1
14	MP4A	Z	-11.245	1
15	MP4A	Mx	.000836	1
16	MP4A	X	-19.477	6
17	MP4A	Z	-11.245	6
18	MP4A	Mx	.000836	6
19	MP4C	X	-29.548	1
20	MP4C	Z	-17.06	1
21	MP4C	Mx	-.03	1
22	MP4C	X	-29.548	6
23	MP4C	Z	-17.06	6
24	MP4C	Mx	-.03	6
25	MP4A	X	-19.477	1
26	MP4A	Z	-11.245	1
27	MP4A	Mx	.019	1
28	MP4A	X	-19.477	6
29	MP4A	Z	-11.245	6
30	MP4A	Mx	.019	6
31	MP4C	X	-29.548	1
32	MP4C	Z	-17.06	1
33	MP4C	Mx	.02	1
34	MP4C	X	-29.548	6
35	MP4C	Z	-17.06	6
36	MP4C	Mx	.02	6
37	MP1A	X	-7.702	2.5
38	MP1A	Z	-4.447	2.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
39	MP1A	Mx	.004	2.5
40	MP1A	X	-7.702	4.5
41	MP1A	Z	-4.447	4.5
42	MP1A	Mx	.004	4.5
43	MP1B	X	-6.67	2.5
44	MP1B	Z	-3.851	2.5
45	MP1B	Mx	-.004	2.5
46	MP1B	X	-6.67	4.5
47	MP1B	Z	-3.851	4.5
48	MP1B	Mx	-.004	4.5
49	MP1C	X	-12.614	2.5
50	MP1C	Z	-7.282	2.5
51	MP1C	Mx	-.002	2.5
52	MP1C	X	-12.614	4.5
53	MP1C	Z	-7.282	4.5
54	MP1C	Mx	-.002	4.5
55	MP4A	X	-2.253	2
56	MP4A	Z	-1.301	2
57	MP4A	Mx	-.001	2
58	MP4B	X	-2.161	2
59	MP4B	Z	-1.248	2
60	MP4B	Mx	.001	2
61	MP4C	X	-2.69	2
62	MP4C	Z	-1.553	2
63	MP4C	Mx	.000531	2
64	MP3A	X	-8.799	4
65	MP3A	Z	-5.08	4
66	MP3A	Mx	-.004	4
67	MP3B	X	-8.338	4
68	MP3B	Z	-4.814	4
69	MP3B	Mx	.005	4
70	MP3C	X	-10.994	4
71	MP3C	Z	-6.348	4
72	MP3C	Mx	.002	4
73	MP4A	X	-7.672	4
74	MP4A	Z	-4.429	4
75	MP4A	Mx	-.004	4
76	MP4B	X	-7.404	4
77	MP4B	Z	-4.275	4
78	MP4B	Mx	.004	4
79	MP4C	X	-8.945	4
80	MP4C	Z	-5.165	4
81	MP4C	Mx	.002	4
82	M2	X	-16.743	6
83	M2	Z	-9.667	6
84	M2	Mx	0	6
85	M22	X	-16.743	6
86	M22	Z	-9.667	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4B	X	-12.749	1
2	MP4B	Z	-22.081	1
3	MP4B	Mx	.005	1
4	MP4B	X	-12.749	6



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP4B	Z	-22.081	6
6	MP4B	Mx	.005	6
7	MP4B	X	-12.749	1
8	MP4B	Z	-22.081	1
9	MP4B	Mx	-.021	1
10	MP4B	X	-12.749	6
11	MP4B	Z	-22.081	6
12	MP4B	Mx	-.021	6
13	MP4A	X	-15.838	1
14	MP4A	Z	-27.432	1
15	MP4A	Mx	-.014	1
16	MP4A	X	-15.838	6
17	MP4A	Z	-27.432	6
18	MP4A	Mx	-.014	6
19	MP4C	X	-12.744	1
20	MP4C	Z	-22.073	1
21	MP4C	Mx	-.022	1
22	MP4C	X	-12.744	6
23	MP4C	Z	-22.073	6
24	MP4C	Mx	-.022	6
25	MP4A	X	-15.838	1
26	MP4A	Z	-27.432	1
27	MP4A	Mx	.03	1
28	MP4A	X	-15.838	6
29	MP4A	Z	-27.432	6
30	MP4A	Mx	.03	6
31	MP4C	X	-12.744	1
32	MP4C	Z	-22.073	1
33	MP4C	Mx	.003	1
34	MP4C	X	-12.744	6
35	MP4C	Z	-22.073	6
36	MP4C	Mx	.003	6
37	MP1A	X	-6.687	2.5
38	MP1A	Z	-11.582	2.5
39	MP1A	Mx	.003	2.5
40	MP1A	X	-6.687	4.5
41	MP1A	Z	-11.582	4.5
42	MP1A	Mx	.003	4.5
43	MP1B	X	-5.956	2.5
44	MP1B	Z	-10.316	2.5
45	MP1B	Mx	-.004	2.5
46	MP1B	X	-5.956	4.5
47	MP1B	Z	-10.316	4.5
48	MP1B	Mx	-.004	4.5
49	MP1C	X	-5.178	2.5
50	MP1C	Z	-8.968	2.5
51	MP1C	Mx	-.004	2.5
52	MP1C	X	-5.178	4.5
53	MP1C	Z	-8.968	4.5
54	MP1C	Mx	-.004	4.5
55	MP4A	X	-1.5	2
56	MP4A	Z	-2.598	2
57	MP4A	Mx	-.00075	2
58	MP4B	X	-1.435	2
59	MP4B	Z	-2.486	2
60	MP4B	Mx	.000922	2
61	MP4C	X	-1.366	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
62	MP4C	Z	-2.366	2
63	MP4C	Mx	.001	2
64	MP3A	X	-6.081	4
65	MP3A	Z	-10.533	4
66	MP3A	Mx	-.003	4
67	MP3B	X	-5.755	4
68	MP3B	Z	-9.967	4
69	MP3B	Mx	.004	4
70	MP3C	X	-5.407	4
71	MP3C	Z	-9.365	4
72	MP3C	Mx	.004	4
73	MP4A	X	-5.01	4
74	MP4A	Z	-8.678	4
75	MP4A	Mx	-.003	4
76	MP4B	X	-4.821	4
77	MP4B	Z	-8.349	4
78	MP4B	Mx	.003	4
79	MP4C	X	-4.619	4
80	MP4C	Z	-8	4
81	MP4C	Mx	.004	4
82	M2	X	-11.667	6
83	M2	Z	-20.207	6
84	M2	Mx	0	6
85	M22	X	-11.667	6
86	M22	Z	-20.207	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4B	X	0	1
2	MP4B	Z	-9.536	1
3	MP4B	Mx	.005	1
4	MP4B	X	0	6
5	MP4B	Z	-9.536	6
6	MP4B	Mx	.005	6
7	MP4B	X	0	1
8	MP4B	Z	-9.536	1
9	MP4B	Mx	-.007	1
10	MP4B	X	0	6
11	MP4B	Z	-9.536	6
12	MP4B	Mx	-.007	6
13	MP4A	X	0	1
14	MP4A	Z	-12.058	1
15	MP4A	Mx	-.01	1
16	MP4A	X	0	6
17	MP4A	Z	-12.058	6
18	MP4A	Mx	-.01	6
19	MP4C	X	0	1
20	MP4C	Z	-5.783	1
21	MP4C	Mx	-.004	1
22	MP4C	X	0	6
23	MP4C	Z	-5.783	6
24	MP4C	Mx	-.004	6
25	MP4A	X	0	1
26	MP4A	Z	-12.058	1
27	MP4A	Mx	.01	1



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 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
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Member Point Loads (BLC 27 : Antenna Wm (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
28	MP4A	X	0	6
29	MP4A	Z	-12.058	6
30	MP4A	Mx	.01	6
31	MP4C	X	0	1
32	MP4C	Z	-5.783	1
33	MP4C	Mx	-.002	1
34	MP4C	X	0	6
35	MP4C	Z	-5.783	6
36	MP4C	Mx	-.002	6
37	MP1A	X	0	2.5
38	MP1A	Z	-4.971	2.5
39	MP1A	Mx	0	2.5
40	MP1A	X	0	4.5
41	MP1A	Z	-4.971	4.5
42	MP1A	Mx	0	4.5
43	MP1B	X	0	2.5
44	MP1B	Z	-4.88	2.5
45	MP1B	Mx	-.000424	2.5
46	MP1B	X	0	4.5
47	MP1B	Z	-4.88	4.5
48	MP1B	Mx	-.000424	4.5
49	MP1C	X	0	2.5
50	MP1C	Z	-2.037	2.5
51	MP1C	Mx	-.001	2.5
52	MP1C	X	0	4.5
53	MP1C	Z	-2.037	4.5
54	MP1C	Mx	-.001	4.5
55	MP4A	X	0	2
56	MP4A	Z	-.783	2
57	MP4A	Mx	0	2
58	MP4B	X	0	2
59	MP4B	Z	-.775	2
60	MP4B	Mx	6.7e-5	2
61	MP4C	X	0	2
62	MP4C	Z	-.549	2
63	MP4C	Mx	.00027	2
64	MP3A	X	0	4
65	MP3A	Z	-3.956	4
66	MP3A	Mx	0	4
67	MP3B	X	0	4
68	MP3B	Z	-3.916	4
69	MP3B	Mx	.00034	4
70	MP3C	X	0	4
71	MP3C	Z	-2.684	4
72	MP3C	Mx	.001	4
73	MP4A	X	0	4
74	MP4A	Z	-3.089	4
75	MP4A	Mx	0	4
76	MP4B	X	0	4
77	MP4B	Z	-3.066	4
78	MP4B	Mx	.000266	4
79	MP4C	X	0	4
80	MP4C	Z	-2.376	4
81	MP4C	Mx	.001	4
82	M2	X	0	6
83	M2	Z	-8.018	6
84	M2	Mx	0	6



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
85	M22	X	0	6
86	M22	Z	-8.018	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP4B	X	4.625	1
2	MP4B	Z	-8.01	1
3	MP4B	Mx	.007	1
4	MP4B	X	4.625	6
5	MP4B	Z	-8.01	6
6	MP4B	Mx	.007	6
7	MP4B	X	4.625	1
8	MP4B	Z	-8.01	1
9	MP4B	Mx	-.004	1
10	MP4B	X	4.625	6
11	MP4B	Z	-8.01	6
12	MP4B	Mx	-.004	6
13	MP4A	X	5.22	1
14	MP4A	Z	-9.042	1
15	MP4A	Mx	-.01	1
16	MP4A	X	5.22	6
17	MP4A	Z	-9.042	6
18	MP4A	Mx	-.01	6
19	MP4C	X	3.173	1
20	MP4C	Z	-5.495	1
21	MP4C	Mx	-.001	1
22	MP4C	X	3.173	6
23	MP4C	Z	-5.495	6
24	MP4C	Mx	-.001	6
25	MP4A	X	5.22	1
26	MP4A	Z	-9.042	1
27	MP4A	Mx	.005	1
28	MP4A	X	5.22	6
29	MP4A	Z	-9.042	6
30	MP4A	Mx	.005	6
31	MP4C	X	3.173	1
32	MP4C	Z	-5.495	1
33	MP4C	Mx	-.005	1
34	MP4C	X	3.173	6
35	MP4C	Z	-5.495	6
36	MP4C	Mx	-.005	6
37	MP1A	X	2.108	2.5
38	MP1A	Z	-3.65	2.5
39	MP1A	Mx	-.001	2.5
40	MP1A	X	2.108	4.5
41	MP1A	Z	-3.65	4.5
42	MP1A	Mx	-.001	4.5
43	MP1B	X	2.309	2.5
44	MP1B	Z	-3.999	2.5
45	MP1B	Mx	.00079	2.5
46	MP1B	X	2.309	4.5
47	MP1B	Z	-3.999	4.5
48	MP1B	Mx	.00079	4.5
49	MP1C	X	1.15	2.5
50	MP1C	Z	-1.992	2.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
51	MP1C	Mx	-.001	2.5
52	MP1C	X	1.15	4.5
53	MP1C	Z	-1.992	4.5
54	MP1C	Mx	-.001	4.5
55	MP4A	X	.361	2
56	MP4A	Z	-.626	2
57	MP4A	Mx	.00018	2
58	MP4B	X	.377	2
59	MP4B	Z	-.653	2
60	MP4B	Mx	-.000129	2
61	MP4C	X	.285	2
62	MP4C	Z	-.493	2
63	MP4C	Mx	.000267	2
64	MP3A	X	1.814	4
65	MP3A	Z	-3.142	4
66	MP3A	Mx	.000907	4
67	MP3B	X	1.901	4
68	MP3B	Z	-3.293	4
69	MP3B	Mx	-.00065	4
70	MP3C	X	1.399	4
71	MP3C	Z	-2.423	4
72	MP3C	Mx	.001	4
73	MP4A	X	1.452	4
74	MP4A	Z	-2.516	4
75	MP4A	Mx	.000726	4
76	MP4B	X	1.501	4
77	MP4B	Z	-2.6	4
78	MP4B	Mx	-.000513	4
79	MP4C	X	1.22	4
80	MP4C	Z	-2.113	4
81	MP4C	Mx	.001	4
82	M2	X	3.67	6
83	M2	Z	-6.357	6
84	M2	Mx	0	6
85	M22	X	3.67	6
86	M22	Z	-6.357	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP4B	X	6.664	1
2	MP4B	Z	-3.848	1
3	MP4B	Mx	.006	1
4	MP4B	X	6.664	6
5	MP4B	Z	-3.848	6
6	MP4B	Mx	.006	6
7	MP4B	X	6.664	1
8	MP4B	Z	-3.848	1
9	MP4B	Mx	-.000351	1
10	MP4B	X	6.664	6
11	MP4B	Z	-3.848	6
12	MP4B	Mx	-.000351	6
13	MP4A	X	6.24	1
14	MP4A	Z	-3.603	1
15	MP4A	Mx	-.006	1
16	MP4A	X	6.24	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
17	MP4A	Z	-3.603	6
18	MP4A	Mx	-.006	6
19	MP4C	X	8.128	1
20	MP4C	Z	-4.692	1
21	MP4C	Mx	.002	1
22	MP4C	X	8.128	6
23	MP4C	Z	-4.692	6
24	MP4C	Mx	.002	6
25	MP4A	X	6.24	1
26	MP4A	Z	-3.603	1
27	MP4A	Mx	-.000268	1
28	MP4A	X	6.24	6
29	MP4A	Z	-3.603	6
30	MP4A	Mx	-.000268	6
31	MP4C	X	8.128	1
32	MP4C	Z	-4.692	1
33	MP4C	Mx	-.009	1
34	MP4C	X	8.128	6
35	MP4C	Z	-4.692	6
36	MP4C	Mx	-.009	6
37	MP1A	X	2.34	2.5
38	MP1A	Z	-1.351	2.5
39	MP1A	Mx	-.001	2.5
40	MP1A	X	2.34	4.5
41	MP1A	Z	-1.351	4.5
42	MP1A	Mx	-.001	4.5
43	MP1B	X	2.768	2.5
44	MP1B	Z	-1.598	2.5
45	MP1B	Mx	.001	2.5
46	MP1B	X	2.768	4.5
47	MP1B	Z	-1.598	4.5
48	MP1B	Mx	.001	4.5
49	MP1C	X	3.223	2.5
50	MP1C	Z	-1.861	2.5
51	MP1C	Mx	-.001	2.5
52	MP1C	X	3.223	4.5
53	MP1C	Z	-1.861	4.5
54	MP1C	Mx	-.001	4.5
55	MP4A	X	.521	2
56	MP4A	Z	-.301	2
57	MP4A	Mx	.000261	2
58	MP4B	X	.555	2
59	MP4B	Z	-.321	2
60	MP4B	Mx	-.000245	2
61	MP4C	X	.592	2
62	MP4C	Z	-.342	2
63	MP4C	Mx	.00022	2
64	MP3A	X	2.574	4
65	MP3A	Z	-1.486	4
66	MP3A	Mx	.001	4
67	MP3B	X	2.759	4
68	MP3B	Z	-1.593	4
69	MP3B	Mx	-.001	4
70	MP3C	X	2.957	4
71	MP3C	Z	-1.707	4
72	MP3C	Mx	.001	4
73	MP4A	X	2.197	4



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP4A	Z	-1.269	4
75	MP4A	Mx	.001	4
76	MP4B	X	2.301	4
77	MP4B	Z	-1.329	4
78	MP4B	Mx	-.001	4
79	MP4C	X	2.412	4
80	MP4C	Z	-1.392	4
81	MP4C	Mx	.000895	4
82	M2	X	5.183	6
83	M2	Z	-2.992	6
84	M2	Mx	0	6
85	M22	X	5.183	6
86	M22	Z	-2.992	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4B	X	6.428	1
2	MP4B	Z	0	1
3	MP4B	Mx	.004	1
4	MP4B	X	6.428	6
5	MP4B	Z	0	6
6	MP4B	Mx	.004	6
7	MP4B	X	6.428	1
8	MP4B	Z	0	1
9	MP4B	Mx	.002	1
10	MP4B	X	6.428	6
11	MP4B	Z	0	6
12	MP4B	Mx	.002	6
13	MP4A	X	5.588	1
14	MP4A	Z	0	1
15	MP4A	Mx	-.003	1
16	MP4A	X	5.588	6
17	MP4A	Z	0	6
18	MP4A	Mx	-.003	6
19	MP4C	X	11.863	1
20	MP4C	Z	0	1
21	MP4C	Mx	.008	1
22	MP4C	X	11.863	6
23	MP4C	Z	0	6
24	MP4C	Mx	.008	6
25	MP4A	X	5.588	1
26	MP4A	Z	0	1
27	MP4A	Mx	-.003	1
28	MP4A	X	5.588	6
29	MP4A	Z	0	6
30	MP4A	Mx	-.003	6
31	MP4C	X	11.863	1
32	MP4C	Z	0	1
33	MP4C	Mx	-.01	1
34	MP4C	X	11.863	6
35	MP4C	Z	0	6
36	MP4C	Mx	-.01	6
37	MP1A	X	1.946	2.5
38	MP1A	Z	0	2.5
39	MP1A	Mx	-.000973	2.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
40	MP1A	X	1.946	4.5
41	MP1A	Z	0	4.5
42	MP1A	Mx	-.000973	4.5
43	MP1B	X	2.037	2.5
44	MP1B	Z	0	2.5
45	MP1B	Mx	.001	2.5
46	MP1B	X	2.037	4.5
47	MP1B	Z	0	4.5
48	MP1B	Mx	.001	4.5
49	MP1C	X	4.88	2.5
50	MP1C	Z	0	2.5
51	MP1C	Mx	-.000424	2.5
52	MP1C	X	4.88	4.5
53	MP1C	Z	0	4.5
54	MP1C	Mx	-.000424	4.5
55	MP4A	X	.542	2
56	MP4A	Z	0	2
57	MP4A	Mx	.000271	2
58	MP4B	X	.549	2
59	MP4B	Z	0	2
60	MP4B	Mx	-.00027	2
61	MP4C	X	.775	2
62	MP4C	Z	0	2
63	MP4C	Mx	6.7e-5	2
64	MP3A	X	2.644	4
65	MP3A	Z	0	4
66	MP3A	Mx	.001	4
67	MP3B	X	2.684	4
68	MP3B	Z	0	4
69	MP3B	Mx	-.001	4
70	MP3C	X	3.916	4
71	MP3C	Z	0	4
72	MP3C	Mx	.00034	4
73	MP4A	X	2.353	4
74	MP4A	Z	0	4
75	MP4A	Mx	.001	4
76	MP4B	X	2.376	4
77	MP4B	Z	0	4
78	MP4B	Mx	-.001	4
79	MP4C	X	3.066	4
80	MP4C	Z	0	4
81	MP4C	Mx	.000266	4
82	M2	X	5.307	6
83	M2	Z	0	6
84	M2	Mx	0	6
85	M22	X	5.307	6
86	M22	Z	0	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4B	X	5.816	1
2	MP4B	Z	3.358	1
3	MP4B	Mx	.002	1
4	MP4B	X	5.816	6
5	MP4B	Z	3.358	6



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 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
6	MP4B	Mx	.002	6
7	MP4B	X	5.816	1
8	MP4B	Z	3.358	1
9	MP4B	Mx	.005	1
10	MP4B	X	5.816	6
11	MP4B	Z	3.358	6
12	MP4B	Mx	.005	6
13	MP4A	X	6.24	1
14	MP4A	Z	3.603	1
15	MP4A	Mx	-.000268	1
16	MP4A	X	6.24	6
17	MP4A	Z	3.603	6
18	MP4A	Mx	-.000268	6
19	MP4C	X	9.787	1
20	MP4C	Z	5.651	1
21	MP4C	Mx	.01	1
22	MP4C	X	9.787	6
23	MP4C	Z	5.651	6
24	MP4C	Mx	.01	6
25	MP4A	X	6.24	1
26	MP4A	Z	3.603	1
27	MP4A	Mx	-.006	1
28	MP4A	X	6.24	6
29	MP4A	Z	3.603	6
30	MP4A	Mx	-.006	6
31	MP4C	X	9.787	1
32	MP4C	Z	5.651	1
33	MP4C	Mx	-.006	1
34	MP4C	X	9.787	6
35	MP4C	Z	5.651	6
36	MP4C	Mx	-.006	6
37	MP1A	X	2.34	2.5
38	MP1A	Z	1.351	2.5
39	MP1A	Mx	-.001	2.5
40	MP1A	X	2.34	4.5
41	MP1A	Z	1.351	4.5
42	MP1A	Mx	-.001	4.5
43	MP1B	X	1.992	2.5
44	MP1B	Z	1.15	2.5
45	MP1B	Mx	.001	2.5
46	MP1B	X	1.992	4.5
47	MP1B	Z	1.15	4.5
48	MP1B	Mx	.001	4.5
49	MP1C	X	3.999	2.5
50	MP1C	Z	2.309	2.5
51	MP1C	Mx	.00079	2.5
52	MP1C	X	3.999	4.5
53	MP1C	Z	2.309	4.5
54	MP1C	Mx	.00079	4.5
55	MP4A	X	.521	2
56	MP4A	Z	.301	2
57	MP4A	Mx	.000261	2
58	MP4B	X	.493	2
59	MP4B	Z	.285	2
60	MP4B	Mx	-.000267	2
61	MP4C	X	.653	2
62	MP4C	Z	.377	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
63	MP4C	Mx	-0.00129	2
64	MP3A	X	2.574	4
65	MP3A	Z	1.486	4
66	MP3A	Mx	.001	4
67	MP3B	X	2.423	4
68	MP3B	Z	1.399	4
69	MP3B	Mx	-.001	4
70	MP3C	X	3.293	4
71	MP3C	Z	1.901	4
72	MP3C	Mx	-.00065	4
73	MP4A	X	2.197	4
74	MP4A	Z	1.269	4
75	MP4A	Mx	.001	4
76	MP4B	X	2.113	4
77	MP4B	Z	1.22	4
78	MP4B	Mx	-.001	4
79	MP4C	X	2.6	4
80	MP4C	Z	1.501	4
81	MP4C	Mx	-.000513	4
82	M2	X	5.183	6
83	M2	Z	2.992	6
84	M2	Mx	0	6
85	M22	X	5.183	6
86	M22	Z	2.992	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4B	X	4.135	1
2	MP4B	Z	7.162	1
3	MP4B	Mx	-.002	1
4	MP4B	X	4.135	6
5	MP4B	Z	7.162	6
6	MP4B	Mx	-.002	6
7	MP4B	X	4.135	1
8	MP4B	Z	7.162	1
9	MP4B	Mx	.007	1
10	MP4B	X	4.135	6
11	MP4B	Z	7.162	6
12	MP4B	Mx	.007	6
13	MP4A	X	5.22	1
14	MP4A	Z	9.042	1
15	MP4A	Mx	.005	1
16	MP4A	X	5.22	6
17	MP4A	Z	9.042	6
18	MP4A	Mx	.005	6
19	MP4C	X	4.131	1
20	MP4C	Z	7.155	1
21	MP4C	Mx	.007	1
22	MP4C	X	4.131	6
23	MP4C	Z	7.155	6
24	MP4C	Mx	.007	6
25	MP4A	X	5.22	1
26	MP4A	Z	9.042	1
27	MP4A	Mx	-.01	1
28	MP4A	X	5.22	6



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP4A	Z	9.042	6
30	MP4A	Mx	-.01	6
31	MP4C	X	4.131	1
32	MP4C	Z	7.155	1
33	MP4C	Mx	-.001	1
34	MP4C	X	4.131	6
35	MP4C	Z	7.155	6
36	MP4C	Mx	-.001	6
37	MP1A	X	2.108	2.5
38	MP1A	Z	3.65	2.5
39	MP1A	Mx	-.001	2.5
40	MP1A	X	2.108	4.5
41	MP1A	Z	3.65	4.5
42	MP1A	Mx	-.001	4.5
43	MP1B	X	1.861	2.5
44	MP1B	Z	3.223	2.5
45	MP1B	Mx	.001	2.5
46	MP1B	X	1.861	4.5
47	MP1B	Z	3.223	4.5
48	MP1B	Mx	.001	4.5
49	MP1C	X	1.598	2.5
50	MP1C	Z	2.768	2.5
51	MP1C	Mx	.001	2.5
52	MP1C	X	1.598	4.5
53	MP1C	Z	2.768	4.5
54	MP1C	Mx	.001	4.5
55	MP4A	X	.361	2
56	MP4A	Z	.626	2
57	MP4A	Mx	.00018	2
58	MP4B	X	.342	2
59	MP4B	Z	.592	2
60	MP4B	Mx	-.00022	2
61	MP4C	X	.321	2
62	MP4C	Z	.555	2
63	MP4C	Mx	-.000245	2
64	MP3A	X	1.814	4
65	MP3A	Z	3.142	4
66	MP3A	Mx	.000907	4
67	MP3B	X	1.707	4
68	MP3B	Z	2.957	4
69	MP3B	Mx	-.001	4
70	MP3C	X	1.593	4
71	MP3C	Z	2.759	4
72	MP3C	Mx	-.001	4
73	MP4A	X	1.452	4
74	MP4A	Z	2.516	4
75	MP4A	Mx	.000726	4
76	MP4B	X	1.392	4
77	MP4B	Z	2.412	4
78	MP4B	Mx	-.000895	4
79	MP4C	X	1.329	4
80	MP4C	Z	2.301	4
81	MP4C	Mx	-.001	4
82	M2	X	3.67	6
83	M2	Z	6.357	6
84	M2	Mx	0	6
85	M22	X	3.67	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
86	M22	Z	6.357	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4B	X	0	1
2	MP4B	Z	9.536	1
3	MP4B	Mx	-.005	1
4	MP4B	X	0	6
5	MP4B	Z	9.536	6
6	MP4B	Mx	-.005	6
7	MP4B	X	0	1
8	MP4B	Z	9.536	1
9	MP4B	Mx	.007	1
10	MP4B	X	0	6
11	MP4B	Z	9.536	6
12	MP4B	Mx	.007	6
13	MP4A	X	0	1
14	MP4A	Z	12.058	1
15	MP4A	Mx	.01	1
16	MP4A	X	0	6
17	MP4A	Z	12.058	6
18	MP4A	Mx	.01	6
19	MP4C	X	0	1
20	MP4C	Z	5.783	1
21	MP4C	Mx	.004	1
22	MP4C	X	0	6
23	MP4C	Z	5.783	6
24	MP4C	Mx	.004	6
25	MP4A	X	0	1
26	MP4A	Z	12.058	1
27	MP4A	Mx	-.01	1
28	MP4A	X	0	6
29	MP4A	Z	12.058	6
30	MP4A	Mx	-.01	6
31	MP4C	X	0	1
32	MP4C	Z	5.783	1
33	MP4C	Mx	.002	1
34	MP4C	X	0	6
35	MP4C	Z	5.783	6
36	MP4C	Mx	.002	6
37	MP1A	X	0	2.5
38	MP1A	Z	4.971	2.5
39	MP1A	Mx	0	2.5
40	MP1A	X	0	4.5
41	MP1A	Z	4.971	4.5
42	MP1A	Mx	0	4.5
43	MP1B	X	0	2.5
44	MP1B	Z	4.88	2.5
45	MP1B	Mx	.000424	2.5
46	MP1B	X	0	4.5
47	MP1B	Z	4.88	4.5
48	MP1B	Mx	.000424	4.5
49	MP1C	X	0	2.5
50	MP1C	Z	2.037	2.5
51	MP1C	Mx	.001	2.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
52	MP1C	X	0	4.5
53	MP1C	Z	2.037	4.5
54	MP1C	Mx	.001	4.5
55	MP4A	X	0	2
56	MP4A	Z	.783	2
57	MP4A	Mx	0	2
58	MP4B	X	0	2
59	MP4B	Z	.775	2
60	MP4B	Mx	-6.7e-5	2
61	MP4C	X	0	2
62	MP4C	Z	.549	2
63	MP4C	Mx	-.00027	2
64	MP3A	X	0	4
65	MP3A	Z	3.956	4
66	MP3A	Mx	0	4
67	MP3B	X	0	4
68	MP3B	Z	3.916	4
69	MP3B	Mx	-.00034	4
70	MP3C	X	0	4
71	MP3C	Z	2.684	4
72	MP3C	Mx	-.001	4
73	MP4A	X	0	4
74	MP4A	Z	3.089	4
75	MP4A	Mx	0	4
76	MP4B	X	0	4
77	MP4B	Z	3.066	4
78	MP4B	Mx	-.000266	4
79	MP4C	X	0	4
80	MP4C	Z	2.376	4
81	MP4C	Mx	-.001	4
82	M2	X	0	6
83	M2	Z	8.018	6
84	M2	Mx	0	6
85	M22	X	0	6
86	M22	Z	8.018	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4B	X	-4.625	1
2	MP4B	Z	8.01	1
3	MP4B	Mx	-.007	1
4	MP4B	X	-4.625	6
5	MP4B	Z	8.01	6
6	MP4B	Mx	-.007	6
7	MP4B	X	-4.625	1
8	MP4B	Z	8.01	1
9	MP4B	Mx	.004	1
10	MP4B	X	-4.625	6
11	MP4B	Z	8.01	6
12	MP4B	Mx	.004	6
13	MP4A	X	-5.22	1
14	MP4A	Z	9.042	1
15	MP4A	Mx	.01	1
16	MP4A	X	-5.22	6
17	MP4A	Z	9.042	6



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
18	MP4A	Mx	.01	6
19	MP4C	X	-3.173	1
20	MP4C	Z	5.495	1
21	MP4C	Mx	.001	1
22	MP4C	X	-3.173	6
23	MP4C	Z	5.495	6
24	MP4C	Mx	.001	6
25	MP4A	X	-5.22	1
26	MP4A	Z	9.042	1
27	MP4A	Mx	-.005	1
28	MP4A	X	-5.22	6
29	MP4A	Z	9.042	6
30	MP4A	Mx	-.005	6
31	MP4C	X	-3.173	1
32	MP4C	Z	5.495	1
33	MP4C	Mx	.005	1
34	MP4C	X	-3.173	6
35	MP4C	Z	5.495	6
36	MP4C	Mx	.005	6
37	MP1A	X	-2.108	2.5
38	MP1A	Z	3.65	2.5
39	MP1A	Mx	.001	2.5
40	MP1A	X	-2.108	4.5
41	MP1A	Z	3.65	4.5
42	MP1A	Mx	.001	4.5
43	MP1B	X	-2.309	2.5
44	MP1B	Z	3.999	2.5
45	MP1B	Mx	-.00079	2.5
46	MP1B	X	-2.309	4.5
47	MP1B	Z	3.999	4.5
48	MP1B	Mx	-.00079	4.5
49	MP1C	X	-1.15	2.5
50	MP1C	Z	1.992	2.5
51	MP1C	Mx	.001	2.5
52	MP1C	X	-1.15	4.5
53	MP1C	Z	1.992	4.5
54	MP1C	Mx	.001	4.5
55	MP4A	X	-.361	2
56	MP4A	Z	.626	2
57	MP4A	Mx	-.00018	2
58	MP4B	X	-.377	2
59	MP4B	Z	.653	2
60	MP4B	Mx	.000129	2
61	MP4C	X	-.285	2
62	MP4C	Z	.493	2
63	MP4C	Mx	-.000267	2
64	MP3A	X	-1.814	4
65	MP3A	Z	3.142	4
66	MP3A	Mx	-.000907	4
67	MP3B	X	-1.901	4
68	MP3B	Z	3.293	4
69	MP3B	Mx	.00065	4
70	MP3C	X	-1.399	4
71	MP3C	Z	2.423	4
72	MP3C	Mx	-.001	4
73	MP4A	X	-1.452	4
74	MP4A	Z	2.516	4



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP4A	Mx	-0.00726	4
76	MP4B	X	-1.501	4
77	MP4B	Z	2.6	4
78	MP4B	Mx	.000513	4
79	MP4C	X	-1.22	4
80	MP4C	Z	2.113	4
81	MP4C	Mx	-.001	4
82	M2	X	-3.67	6
83	M2	Z	6.357	6
84	M2	Mx	0	6
85	M22	X	-3.67	6
86	M22	Z	6.357	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4B	X	-6.664	1
2	MP4B	Z	3.848	1
3	MP4B	Mx	-.006	1
4	MP4B	X	-6.664	6
5	MP4B	Z	3.848	6
6	MP4B	Mx	-.006	6
7	MP4B	X	-6.664	1
8	MP4B	Z	3.848	1
9	MP4B	Mx	.000351	1
10	MP4B	X	-6.664	6
11	MP4B	Z	3.848	6
12	MP4B	Mx	.000351	6
13	MP4A	X	-6.24	1
14	MP4A	Z	3.603	1
15	MP4A	Mx	.006	1
16	MP4A	X	-6.24	6
17	MP4A	Z	3.603	6
18	MP4A	Mx	.006	6
19	MP4C	X	-8.128	1
20	MP4C	Z	4.692	1
21	MP4C	Mx	-.002	1
22	MP4C	X	-8.128	6
23	MP4C	Z	4.692	6
24	MP4C	Mx	-.002	6
25	MP4A	X	-6.24	1
26	MP4A	Z	3.603	1
27	MP4A	Mx	.000268	1
28	MP4A	X	-6.24	6
29	MP4A	Z	3.603	6
30	MP4A	Mx	.000268	6
31	MP4C	X	-8.128	1
32	MP4C	Z	4.692	1
33	MP4C	Mx	.009	1
34	MP4C	X	-8.128	6
35	MP4C	Z	4.692	6
36	MP4C	Mx	.009	6
37	MP1A	X	-2.34	2.5
38	MP1A	Z	1.351	2.5
39	MP1A	Mx	.001	2.5
40	MP1A	X	-2.34	4.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
41	MP1A	Z	1.351	4.5
42	MP1A	Mx	.001	4.5
43	MP1B	X	-2.768	2.5
44	MP1B	Z	1.598	2.5
45	MP1B	Mx	-.001	2.5
46	MP1B	X	-2.768	4.5
47	MP1B	Z	1.598	4.5
48	MP1B	Mx	-.001	4.5
49	MP1C	X	-3.223	2.5
50	MP1C	Z	1.861	2.5
51	MP1C	Mx	.001	2.5
52	MP1C	X	-3.223	4.5
53	MP1C	Z	1.861	4.5
54	MP1C	Mx	.001	4.5
55	MP4A	X	-.521	2
56	MP4A	Z	.301	2
57	MP4A	Mx	-.000261	2
58	MP4B	X	-.555	2
59	MP4B	Z	.321	2
60	MP4B	Mx	.000245	2
61	MP4C	X	-.592	2
62	MP4C	Z	.342	2
63	MP4C	Mx	-.00022	2
64	MP3A	X	-2.574	4
65	MP3A	Z	1.486	4
66	MP3A	Mx	-.001	4
67	MP3B	X	-2.759	4
68	MP3B	Z	1.593	4
69	MP3B	Mx	.001	4
70	MP3C	X	-2.957	4
71	MP3C	Z	1.707	4
72	MP3C	Mx	-.001	4
73	MP4A	X	-2.197	4
74	MP4A	Z	1.269	4
75	MP4A	Mx	-.001	4
76	MP4B	X	-2.301	4
77	MP4B	Z	1.329	4
78	MP4B	Mx	.001	4
79	MP4C	X	-2.412	4
80	MP4C	Z	1.392	4
81	MP4C	Mx	-.000895	4
82	M2	X	-5.183	6
83	M2	Z	2.992	6
84	M2	Mx	0	6
85	M22	X	-5.183	6
86	M22	Z	2.992	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4B	X	-6.428	1
2	MP4B	Z	0	1
3	MP4B	Mx	-.004	1
4	MP4B	X	-6.428	6
5	MP4B	Z	0	6
6	MP4B	Mx	-.004	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
7	MP4B	X	-6.428	1
8	MP4B	Z	0	1
9	MP4B	Mx	-.002	1
10	MP4B	X	-6.428	6
11	MP4B	Z	0	6
12	MP4B	Mx	-.002	6
13	MP4A	X	-5.588	1
14	MP4A	Z	0	1
15	MP4A	Mx	.003	1
16	MP4A	X	-5.588	6
17	MP4A	Z	0	6
18	MP4A	Mx	.003	6
19	MP4C	X	-11.863	1
20	MP4C	Z	0	1
21	MP4C	Mx	-.008	1
22	MP4C	X	-11.863	6
23	MP4C	Z	0	6
24	MP4C	Mx	-.008	6
25	MP4A	X	-5.588	1
26	MP4A	Z	0	1
27	MP4A	Mx	.003	1
28	MP4A	X	-5.588	6
29	MP4A	Z	0	6
30	MP4A	Mx	.003	6
31	MP4C	X	-11.863	1
32	MP4C	Z	0	1
33	MP4C	Mx	.01	1
34	MP4C	X	-11.863	6
35	MP4C	Z	0	6
36	MP4C	Mx	.01	6
37	MP1A	X	-1.946	2.5
38	MP1A	Z	0	2.5
39	MP1A	Mx	.000973	2.5
40	MP1A	X	-1.946	4.5
41	MP1A	Z	0	4.5
42	MP1A	Mx	.000973	4.5
43	MP1B	X	-2.037	2.5
44	MP1B	Z	0	2.5
45	MP1B	Mx	-.001	2.5
46	MP1B	X	-2.037	4.5
47	MP1B	Z	0	4.5
48	MP1B	Mx	-.001	4.5
49	MP1C	X	-4.88	2.5
50	MP1C	Z	0	2.5
51	MP1C	Mx	.000424	2.5
52	MP1C	X	-4.88	4.5
53	MP1C	Z	0	4.5
54	MP1C	Mx	.000424	4.5
55	MP4A	X	-.542	2
56	MP4A	Z	0	2
57	MP4A	Mx	-.000271	2
58	MP4B	X	-.549	2
59	MP4B	Z	0	2
60	MP4B	Mx	.00027	2
61	MP4C	X	-.775	2
62	MP4C	Z	0	2
63	MP4C	Mx	-6.7e-5	2



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP3A	X	-2.644	4
65	MP3A	Z	0	4
66	MP3A	Mx	-.001	4
67	MP3B	X	-2.684	4
68	MP3B	Z	0	4
69	MP3B	Mx	.001	4
70	MP3C	X	-3.916	4
71	MP3C	Z	0	4
72	MP3C	Mx	-.00034	4
73	MP4A	X	-2.353	4
74	MP4A	Z	0	4
75	MP4A	Mx	-.001	4
76	MP4B	X	-2.376	4
77	MP4B	Z	0	4
78	MP4B	Mx	.001	4
79	MP4C	X	-3.066	4
80	MP4C	Z	0	4
81	MP4C	Mx	-.000266	4
82	M2	X	-5.307	6
83	M2	Z	0	6
84	M2	Mx	0	6
85	M22	X	-5.307	6
86	M22	Z	0	6
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4B	X	-5.816	1
2	MP4B	Z	-3.358	1
3	MP4B	Mx	-.002	1
4	MP4B	X	-5.816	6
5	MP4B	Z	-3.358	6
6	MP4B	Mx	-.002	6
7	MP4B	X	-5.816	1
8	MP4B	Z	-3.358	1
9	MP4B	Mx	-.005	1
10	MP4B	X	-5.816	6
11	MP4B	Z	-3.358	6
12	MP4B	Mx	-.005	6
13	MP4A	X	-6.24	1
14	MP4A	Z	-3.603	1
15	MP4A	Mx	.000268	1
16	MP4A	X	-6.24	6
17	MP4A	Z	-3.603	6
18	MP4A	Mx	.000268	6
19	MP4C	X	-9.787	1
20	MP4C	Z	-5.651	1
21	MP4C	Mx	-.01	1
22	MP4C	X	-9.787	6
23	MP4C	Z	-5.651	6
24	MP4C	Mx	-.01	6
25	MP4A	X	-6.24	1
26	MP4A	Z	-3.603	1
27	MP4A	Mx	.006	1
28	MP4A	X	-6.24	6
29	MP4A	Z	-3.603	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
30	MP4A	Mx	.006	6
31	MP4C	X	-9.787	1
32	MP4C	Z	-5.651	1
33	MP4C	Mx	.006	1
34	MP4C	X	-9.787	6
35	MP4C	Z	-5.651	6
36	MP4C	Mx	.006	6
37	MP1A	X	-2.34	2.5
38	MP1A	Z	-1.351	2.5
39	MP1A	Mx	.001	2.5
40	MP1A	X	-2.34	4.5
41	MP1A	Z	-1.351	4.5
42	MP1A	Mx	.001	4.5
43	MP1B	X	-1.992	2.5
44	MP1B	Z	-1.15	2.5
45	MP1B	Mx	-.001	2.5
46	MP1B	X	-1.992	4.5
47	MP1B	Z	-1.15	4.5
48	MP1B	Mx	-.001	4.5
49	MP1C	X	-3.999	2.5
50	MP1C	Z	-2.309	2.5
51	MP1C	Mx	-.00079	2.5
52	MP1C	X	-3.999	4.5
53	MP1C	Z	-2.309	4.5
54	MP1C	Mx	-.00079	4.5
55	MP4A	X	-.521	2
56	MP4A	Z	-.301	2
57	MP4A	Mx	-.000261	2
58	MP4B	X	-.493	2
59	MP4B	Z	-.285	2
60	MP4B	Mx	.000267	2
61	MP4C	X	-.653	2
62	MP4C	Z	-.377	2
63	MP4C	Mx	.000129	2
64	MP3A	X	-2.574	4
65	MP3A	Z	-1.486	4
66	MP3A	Mx	-.001	4
67	MP3B	X	-2.423	4
68	MP3B	Z	-1.399	4
69	MP3B	Mx	.001	4
70	MP3C	X	-3.293	4
71	MP3C	Z	-1.901	4
72	MP3C	Mx	.00065	4
73	MP4A	X	-2.197	4
74	MP4A	Z	-1.269	4
75	MP4A	Mx	-.001	4
76	MP4B	X	-2.113	4
77	MP4B	Z	-1.22	4
78	MP4B	Mx	.001	4
79	MP4C	X	-2.6	4
80	MP4C	Z	-1.501	4
81	MP4C	Mx	.000513	4
82	M2	X	-5.183	6
83	M2	Z	-2.992	6
84	M2	Mx	0	6
85	M22	X	-5.183	6
86	M22	Z	-2.992	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
87	M22	Mx	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4B	X	-4.135	1
2	MP4B	Z	-7.162	1
3	MP4B	Mx	.002	1
4	MP4B	X	-4.135	6
5	MP4B	Z	-7.162	6
6	MP4B	Mx	.002	6
7	MP4B	X	-4.135	1
8	MP4B	Z	-7.162	1
9	MP4B	Mx	-.007	1
10	MP4B	X	-4.135	6
11	MP4B	Z	-7.162	6
12	MP4B	Mx	-.007	6
13	MP4A	X	-5.22	1
14	MP4A	Z	-9.042	1
15	MP4A	Mx	-.005	1
16	MP4A	X	-5.22	6
17	MP4A	Z	-9.042	6
18	MP4A	Mx	-.005	6
19	MP4C	X	-4.131	1
20	MP4C	Z	-7.155	1
21	MP4C	Mx	-.007	1
22	MP4C	X	-4.131	6
23	MP4C	Z	-7.155	6
24	MP4C	Mx	-.007	6
25	MP4A	X	-5.22	1
26	MP4A	Z	-9.042	1
27	MP4A	Mx	.01	1
28	MP4A	X	-5.22	6
29	MP4A	Z	-9.042	6
30	MP4A	Mx	.01	6
31	MP4C	X	-4.131	1
32	MP4C	Z	-7.155	1
33	MP4C	Mx	.001	1
34	MP4C	X	-4.131	6
35	MP4C	Z	-7.155	6
36	MP4C	Mx	.001	6
37	MP1A	X	-2.108	2.5
38	MP1A	Z	-3.65	2.5
39	MP1A	Mx	.001	2.5
40	MP1A	X	-2.108	4.5
41	MP1A	Z	-3.65	4.5
42	MP1A	Mx	.001	4.5
43	MP1B	X	-1.861	2.5
44	MP1B	Z	-3.223	2.5
45	MP1B	Mx	-.001	2.5
46	MP1B	X	-1.861	4.5
47	MP1B	Z	-3.223	4.5
48	MP1B	Mx	-.001	4.5
49	MP1C	X	-1.598	2.5
50	MP1C	Z	-2.768	2.5
51	MP1C	Mx	-.001	2.5
52	MP1C	X	-1.598	4.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
53	MP1C	Z	-2.768	4.5
54	MP1C	Mx	-.001	4.5
55	MP4A	X	-.361	2
56	MP4A	Z	-.626	2
57	MP4A	Mx	-.00018	2
58	MP4B	X	-.342	2
59	MP4B	Z	-.592	2
60	MP4B	Mx	.00022	2
61	MP4C	X	-.321	2
62	MP4C	Z	-.555	2
63	MP4C	Mx	.000245	2
64	MP3A	X	-1.814	4
65	MP3A	Z	-3.142	4
66	MP3A	Mx	-.000907	4
67	MP3B	X	-1.707	4
68	MP3B	Z	-2.957	4
69	MP3B	Mx	.001	4
70	MP3C	X	-1.593	4
71	MP3C	Z	-2.759	4
72	MP3C	Mx	.001	4
73	MP4A	X	-1.452	4
74	MP4A	Z	-2.516	4
75	MP4A	Mx	-.000726	4
76	MP4B	X	-1.392	4
77	MP4B	Z	-2.412	4
78	MP4B	Mx	.000895	4
79	MP4C	X	-1.329	4
80	MP4C	Z	-2.301	4
81	MP4C	Mx	.001	4
82	M2	X	-3.67	6
83	M2	Z	-6.357	6
84	M2	Mx	0	6
85	M22	X	-3.67	6
86	M22	Z	-6.357	6
87	M22	Mx	0	6

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M1	Y	-500	%94

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M1	Y	-500	%6

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 80 : Lv2)

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



Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	Y	-9.68	-9.68	0	%100
2	M2	Y	-5.664	-5.664	0	%100
3	M3	Y	-7.339	-7.339	0	%100
4	M4	Y	-5.664	-5.664	0	%100
5	M5	Y	-5.664	-5.664	0	%100
6	M6	Y	-5.664	-5.664	0	%100
7	M7	Y	-5.664	-5.664	0	%100
8	M8	Y	-5.664	-5.664	0	%100
9	M9	Y	-5.664	-5.664	0	%100
10	M10	Y	-5.664	-5.664	0	%100
11	M11	Y	-9.68	-9.68	0	%100
12	M12	Y	-5.664	-5.664	0	%100
13	M13	Y	-7.339	-7.339	0	%100
14	M14	Y	-5.664	-5.664	0	%100
15	M15	Y	-5.664	-5.664	0	%100
16	M16	Y	-5.664	-5.664	0	%100
17	M17	Y	-5.664	-5.664	0	%100
18	M18	Y	-5.664	-5.664	0	%100
19	M19	Y	-5.664	-5.664	0	%100
20	M20	Y	-5.664	-5.664	0	%100
21	M21	Y	-9.68	-9.68	0	%100
22	M22	Y	-5.664	-5.664	0	%100
23	M23	Y	-7.339	-7.339	0	%100
24	M24	Y	-5.664	-5.664	0	%100
25	M25	Y	-5.664	-5.664	0	%100
26	M26	Y	-5.664	-5.664	0	%100
27	M27	Y	-5.664	-5.664	0	%100
28	M28	Y	-5.664	-5.664	0	%100
29	M29	Y	-5.664	-5.664	0	%100
30	M30	Y	-5.664	-5.664	0	%100
31	M31	Y	-9.68	-9.68	0	%100
32	M32	Y	-5.664	-5.664	0	%100
33	M33	Y	-7.339	-7.339	0	%100
34	M34	Y	-5.664	-5.664	0	%100
35	M35	Y	-5.664	-5.664	0	%100
36	M36	Y	-5.664	-5.664	0	%100
37	M37	Y	-5.664	-5.664	0	%100
38	M38	Y	-5.664	-5.664	0	%100
39	M39	Y	-5.664	-5.664	0	%100
40	M40	Y	-5.664	-5.664	0	%100
41	M44	Y	-9.68	-9.68	0	%100
42	M51	Y	-5.664	-5.664	0	%100
43	M52	Y	-5.664	-5.664	0	%100
44	M53	Y	-5.664	-5.664	0	%100
45	M54	Y	-7.672	-7.672	0	%100
46	M92	Y	-5.021	-5.021	0	%100
47	M92A	Y	-5.021	-5.021	0	%100
48	M94	Y	-5.664	-5.664	0	%100
49	M95	Y	-5.664	-5.664	0	%100
50	M96	Y	-5.664	-5.664	0	%100
51	M97	Y	-7.672	-7.672	0	%100
52	M98	Y	-5.664	-5.664	0	%100
53	M99	Y	-5.664	-5.664	0	%100
54	M100	Y	-5.664	-5.664	0	%100
55	M101	Y	-7.672	-7.672	0	%100
56	M102	Y	-5.664	-5.664	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, %]
57	M103	Y	-5.664	-5.664	0	%100
58	M104	Y	-5.664	-5.664	0	%100
59	M105	Y	-7.672	-7.672	0	%100
60	M74	Y	-9.68	-9.68	0	%100
61	M75	Y	-9.68	-9.68	0	%100
62	M76	Y	-9.68	-9.68	0	%100
63	M78	Y	-8.747	-8.747	0	%100
64	M79	Y	-8.747	-8.747	0	%100
65	M80	Y	-8.747	-8.747	0	%100
66	M81	Y	-8.747	-8.747	0	%100
67	M91	Y	-5.021	-5.021	0	%100
68	M92B	Y	-5.021	-5.021	0	%100
69	M93B	Y	-5.021	-5.021	0	%100
70	M94A	Y	-5.021	-5.021	0	%100
71	MP4C	Y	-5.731	-5.731	0	%100
72	MP3C	Y	-5.021	-5.021	0	%100
73	MP2C	Y	-5.021	-5.021	0	%100
74	MP1C	Y	-5.021	-5.021	0	%100
75	MP4B	Y	-5.731	-5.731	0	%100
76	MP3B	Y	-5.021	-5.021	0	%100
77	MP2B	Y	-5.021	-5.021	0	%100
78	MP1B	Y	-5.021	-5.021	0	%100
79	MP4A	Y	-5.731	-5.731	0	%100
80	MP3A	Y	-5.021	-5.021	0	%100
81	MP2A	Y	-5.021	-5.021	0	%100
82	MP1A	Y	-5.021	-5.021	0	%100
83	M123	Y	-7.339	-7.339	0	%100
84	M124	Y	-7.339	-7.339	0	%100
85	M125	Y	-7.339	-7.339	0	%100
86	M126	Y	-7.339	-7.339	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	-14.577	-14.577	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-7.289	-7.289	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-23.323	-23.323	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-6.665	-6.665	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-6.665	-6.665	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-6.665	-6.665	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-6.946	-6.946	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-6.946	-6.946	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-7.289	-7.289	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	-7.289	-7.289	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	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, %]	
24	M12	Z	0	0	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	-6.665	-6.665	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	-6.665	-6.665	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	-6.665	-6.665	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	-4.194	-4.194	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	-4.194	-4.194	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	-14.577	-14.577	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	-7.289	-7.289	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	-23.323	-23.323	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	-6.665	-6.665	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	-6.665	-6.665	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	-6.665	-6.665	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	-6.946	-6.946	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	-6.946	-6.946	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	-7.289	-7.289	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	-7.289	-7.289	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	0	0	0	%100
67	M34	X	0	0	0	%100
68	M34	Z	-6.665	-6.665	0	%100
69	M35	X	0	0	0	%100
70	M35	Z	-6.665	-6.665	0	%100
71	M36	X	0	0	0	%100
72	M36	Z	-6.665	-6.665	0	%100
73	M37	X	0	0	0	%100
74	M37	Z	0	0	0	%100
75	M38	X	0	0	0	%100
76	M38	Z	0	0	0	%100
77	M39	X	0	0	0	%100
78	M39	Z	-4.194	-4.194	0	%100
79	M40	X	0	0	0	%100
80	M40	Z	-4.194	-4.194	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, %]	
81	M44	X	0	0	0	%100
82	M44	Z	-7.289	-7.289	0	%100
83	M51	X	0	0	0	%100
84	M51	Z	0	0	0	%100
85	M52	X	0	0	0	%100
86	M52	Z	0	0	0	%100
87	M53	X	0	0	0	%100
88	M53	Z	0	0	0	%100
89	M54	X	0	0	0	%100
90	M54	Z	-17.493	-17.493	0	%100
91	M92	X	0	0	0	%100
92	M92	Z	-8.309	-8.309	0	%100
93	M92A	X	0	0	0	%100
94	M92A	Z	-8.309	-8.309	0	%100
95	M94	X	0	0	0	%100
96	M94	Z	-10.28	-10.28	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	-10.28	-10.28	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	-10.28	-10.28	0	%100
101	M97	X	0	0	0	%100
102	M97	Z	0	0	0	%100
103	M98	X	0	0	0	%100
104	M98	Z	0	0	0	%100
105	M99	X	0	0	0	%100
106	M99	Z	0	0	0	%100
107	M100	X	0	0	0	%100
108	M100	Z	0	0	0	%100
109	M101	X	0	0	0	%100
110	M101	Z	-17.493	-17.493	0	%100
111	M102	X	0	0	0	%100
112	M102	Z	-10.28	-10.28	0	%100
113	M103	X	0	0	0	%100
114	M103	Z	-10.28	-10.28	0	%100
115	M104	X	0	0	0	%100
116	M104	Z	-10.28	-10.28	0	%100
117	M105	X	0	0	0	%100
118	M105	Z	0	0	0	%100
119	M74	X	0	0	0	%100
120	M74	Z	-7.289	-7.289	0	%100
121	M75	X	0	0	0	%100
122	M75	Z	-7.289	-7.289	0	%100
123	M76	X	0	0	0	%100
124	M76	Z	-7.289	-7.289	0	%100
125	M78	X	0	0	0	%100
126	M78	Z	-16.47	-16.47	0	%100
127	M79	X	0	0	0	%100
128	M79	Z	-16.47	-16.47	0	%100
129	M80	X	0	0	0	%100
130	M80	Z	-16.47	-16.47	0	%100
131	M81	X	0	0	0	%100
132	M81	Z	-16.47	-16.47	0	%100
133	M91	X	0	0	0	%100
134	M91	Z	-8.309	-8.309	0	%100
135	M92B	X	0	0	0	%100
136	M92B	Z	-8.309	-8.309	0	%100
137	M93B	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.%]
138	M93B	Z	-8.309	-8.309	0	%100
139	M94A	X	0	0	0	%100
140	M94A	Z	-8.309	-8.309	0	%100
141	MP4C	X	0	0	0	%100
142	MP4C	Z	-10.058	-10.058	0	%100
143	MP3C	X	0	0	0	%100
144	MP3C	Z	-8.309	-8.309	0	%100
145	MP2C	X	0	0	0	%100
146	MP2C	Z	-8.309	-8.309	0	%100
147	MP1C	X	0	0	0	%100
148	MP1C	Z	-8.309	-8.309	0	%100
149	MP4B	X	0	0	0	%100
150	MP4B	Z	-10.058	-10.058	0	%100
151	MP3B	X	0	0	0	%100
152	MP3B	Z	-8.309	-8.309	0	%100
153	MP2B	X	0	0	0	%100
154	MP2B	Z	-8.309	-8.309	0	%100
155	MP1B	X	0	0	0	%100
156	MP1B	Z	-8.309	-8.309	0	%100
157	MP4A	X	0	0	0	%100
158	MP4A	Z	-10.058	-10.058	0	%100
159	MP3A	X	0	0	0	%100
160	MP3A	Z	-8.309	-8.309	0	%100
161	MP2A	X	0	0	0	%100
162	MP2A	Z	-8.309	-8.309	0	%100
163	MP1A	X	0	0	0	%100
164	MP1A	Z	-8.309	-8.309	0	%100
165	M123	X	0	0	0	%100
166	M123	Z	-.437	-.437	0	%100
167	M124	X	0	0	0	%100
168	M124	Z	-.437	-.437	0	%100
169	M125	X	0	0	0	%100
170	M125	Z	-.437	-.437	0	%100
171	M126	X	0	0	0	%100
172	M126	Z	-.437	-.437	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	5.466	5.466	0	%100
2	M1	Z	-9.468	-9.468	0	%100
3	M2	X	2.733	2.733	0	%100
4	M2	Z	-4.734	-4.734	0	%100
5	M3	X	8.746	8.746	0	%100
6	M3	Z	-15.149	-15.149	0	%100
7	M4	X	3.332	3.332	0	%100
8	M4	Z	-5.772	-5.772	0	%100
9	M5	X	3.332	3.332	0	%100
10	M5	Z	-5.772	-5.772	0	%100
11	M6	X	3.332	3.332	0	%100
12	M6	Z	-5.772	-5.772	0	%100
13	M7	X	2.605	2.605	0	%100
14	M7	Z	-4.512	-4.512	0	%100
15	M8	X	2.605	2.605	0	%100
16	M8	Z	-4.512	-4.512	0	%100
17	M9	X	3.257	3.257	0	%100
18	M9	Z	-5.642	-5.642	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
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Member Distributed Loads (BLC 42 : Structure Wo (30 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%]	End Location[ft.%]
19	M10	X	3.257	3.257	0	%100
20	M10	Z	-5.642	-5.642	0	%100
21	M11	X	1.822	1.822	0	%100
22	M11	Z	-3.156	-3.156	0	%100
23	M12	X	.911	.911	0	%100
24	M12	Z	-1.578	-1.578	0	%100
25	M13	X	2.915	2.915	0	%100
26	M13	Z	-5.05	-5.05	0	%100
27	M14	X	3.332	3.332	0	%100
28	M14	Z	-5.772	-5.772	0	%100
29	M15	X	3.332	3.332	0	%100
30	M15	Z	-5.772	-5.772	0	%100
31	M16	X	3.332	3.332	0	%100
32	M16	Z	-5.772	-5.772	0	%100
33	M17	X	.868	.868	0	%100
34	M17	Z	-1.504	-1.504	0	%100
35	M18	X	.868	.868	0	%100
36	M18	Z	-1.504	-1.504	0	%100
37	M19	X	2.484	2.484	0	%100
38	M19	Z	-4.302	-4.302	0	%100
39	M20	X	2.484	2.484	0	%100
40	M20	Z	-4.302	-4.302	0	%100
41	M21	X	5.466	5.466	0	%100
42	M21	Z	-9.468	-9.468	0	%100
43	M22	X	2.733	2.733	0	%100
44	M22	Z	-4.734	-4.734	0	%100
45	M23	X	8.746	8.746	0	%100
46	M23	Z	-15.149	-15.149	0	%100
47	M24	X	3.332	3.332	0	%100
48	M24	Z	-5.772	-5.772	0	%100
49	M25	X	3.332	3.332	0	%100
50	M25	Z	-5.772	-5.772	0	%100
51	M26	X	3.332	3.332	0	%100
52	M26	Z	-5.772	-5.772	0	%100
53	M27	X	2.605	2.605	0	%100
54	M27	Z	-4.512	-4.512	0	%100
55	M28	X	2.605	2.605	0	%100
56	M28	Z	-4.512	-4.512	0	%100
57	M29	X	3.257	3.257	0	%100
58	M29	Z	-5.642	-5.642	0	%100
59	M30	X	3.257	3.257	0	%100
60	M30	Z	-5.642	-5.642	0	%100
61	M31	X	1.822	1.822	0	%100
62	M31	Z	-3.156	-3.156	0	%100
63	M32	X	.911	.911	0	%100
64	M32	Z	-1.578	-1.578	0	%100
65	M33	X	2.915	2.915	0	%100
66	M33	Z	-5.05	-5.05	0	%100
67	M34	X	3.332	3.332	0	%100
68	M34	Z	-5.772	-5.772	0	%100
69	M35	X	3.332	3.332	0	%100
70	M35	Z	-5.772	-5.772	0	%100
71	M36	X	3.332	3.332	0	%100
72	M36	Z	-5.772	-5.772	0	%100
73	M37	X	.868	.868	0	%100
74	M37	Z	-1.504	-1.504	0	%100
75	M38	X	.868	.868	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
76	M38	Z	-1.504	-1.504	0 %100
77	M39	X	2.484	2.484	0 %100
78	M39	Z	-4.302	-4.302	0 %100
79	M40	X	2.484	2.484	0 %100
80	M40	Z	-4.302	-4.302	0 %100
81	M44	X	.488	.488	0 %100
82	M44	Z	-.846	-.846	0 %100
83	M51	X	1.285	1.285	0 %100
84	M51	Z	-2.226	-2.226	0 %100
85	M52	X	1.285	1.285	0 %100
86	M52	Z	-2.226	-2.226	0 %100
87	M53	X	1.285	1.285	0 %100
88	M53	Z	-2.226	-2.226	0 %100
89	M54	X	6.56	6.56	0 %100
90	M54	Z	-11.362	-11.362	0 %100
91	M92	X	4.154	4.154	0 %100
92	M92	Z	-7.196	-7.196	0 %100
93	M92A	X	4.154	4.154	0 %100
94	M92A	Z	-7.196	-7.196	0 %100
95	M94	X	3.855	3.855	0 %100
96	M94	Z	-6.677	-6.677	0 %100
97	M95	X	3.855	3.855	0 %100
98	M95	Z	-6.677	-6.677	0 %100
99	M96	X	3.855	3.855	0 %100
100	M96	Z	-6.677	-6.677	0 %100
101	M97	X	2.187	2.187	0 %100
102	M97	Z	-3.787	-3.787	0 %100
103	M98	X	1.285	1.285	0 %100
104	M98	Z	-2.226	-2.226	0 %100
105	M99	X	1.285	1.285	0 %100
106	M99	Z	-2.226	-2.226	0 %100
107	M100	X	1.285	1.285	0 %100
108	M100	Z	-2.226	-2.226	0 %100
109	M101	X	6.56	6.56	0 %100
110	M101	Z	-11.362	-11.362	0 %100
111	M102	X	3.855	3.855	0 %100
112	M102	Z	-6.677	-6.677	0 %100
113	M103	X	3.855	3.855	0 %100
114	M103	Z	-6.677	-6.677	0 %100
115	M104	X	3.855	3.855	0 %100
116	M104	Z	-6.677	-6.677	0 %100
117	M105	X	2.187	2.187	0 %100
118	M105	Z	-3.787	-3.787	0 %100
119	M74	X	6.8	6.8	0 %100
120	M74	Z	-11.778	-11.778	0 %100
121	M75	X	.488	.488	0 %100
122	M75	Z	-.846	-.846	0 %100
123	M76	X	6.8	6.8	0 %100
124	M76	Z	-11.778	-11.778	0 %100
125	M78	X	9.329	9.329	0 %100
126	M78	Z	-16.159	-16.159	0 %100
127	M79	X	7.141	7.141	0 %100
128	M79	Z	-12.369	-12.369	0 %100
129	M80	X	9.329	9.329	0 %100
130	M80	Z	-16.159	-16.159	0 %100
131	M81	X	7.141	7.141	0 %100
132	M81	Z	-12.369	-12.369	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.%]
133	M91	X	4.154	4.154	0	%100
134	M91	Z	-7.196	-7.196	0	%100
135	M92B	X	4.154	4.154	0	%100
136	M92B	Z	-7.196	-7.196	0	%100
137	M93B	X	4.154	4.154	0	%100
138	M93B	Z	-7.196	-7.196	0	%100
139	M94A	X	4.154	4.154	0	%100
140	M94A	Z	-7.196	-7.196	0	%100
141	MP4C	X	5.029	5.029	0	%100
142	MP4C	Z	-8.711	-8.711	0	%100
143	MP3C	X	4.154	4.154	0	%100
144	MP3C	Z	-7.196	-7.196	0	%100
145	MP2C	X	4.154	4.154	0	%100
146	MP2C	Z	-7.196	-7.196	0	%100
147	MP1C	X	4.154	4.154	0	%100
148	MP1C	Z	-7.196	-7.196	0	%100
149	MP4B	X	5.029	5.029	0	%100
150	MP4B	Z	-8.711	-8.711	0	%100
151	MP3B	X	4.154	4.154	0	%100
152	MP3B	Z	-7.196	-7.196	0	%100
153	MP2B	X	4.154	4.154	0	%100
154	MP2B	Z	-7.196	-7.196	0	%100
155	MP1B	X	4.154	4.154	0	%100
156	MP1B	Z	-7.196	-7.196	0	%100
157	MP4A	X	5.029	5.029	0	%100
158	MP4A	Z	-8.711	-8.711	0	%100
159	MP3A	X	4.154	4.154	0	%100
160	MP3A	Z	-7.196	-7.196	0	%100
161	MP2A	X	4.154	4.154	0	%100
162	MP2A	Z	-7.196	-7.196	0	%100
163	MP1A	X	4.154	4.154	0	%100
164	MP1A	Z	-7.196	-7.196	0	%100
165	M123	X	.029	.029	0	%100
166	M123	Z	-.051	-.051	0	%100
167	M124	X	.408	.408	0	%100
168	M124	Z	-.707	-.707	0	%100
169	M125	X	.029	.029	0	%100
170	M125	Z	-.051	-.051	0	%100
171	M126	X	.408	.408	0	%100
172	M126	Z	-.707	-.707	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	3.156	3.156	0	%100
2	M1	Z	-1.822	-1.822	0	%100
3	M2	X	1.578	1.578	0	%100
4	M2	Z	-.911	-.911	0	%100
5	M3	X	5.05	5.05	0	%100
6	M3	Z	-2.915	-2.915	0	%100
7	M4	X	5.772	5.772	0	%100
8	M4	Z	-3.332	-3.332	0	%100
9	M5	X	5.772	5.772	0	%100
10	M5	Z	-3.332	-3.332	0	%100
11	M6	X	5.772	5.772	0	%100
12	M6	Z	-3.332	-3.332	0	%100
13	M7	X	1.504	1.504	0	%100



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 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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.%]
14	M7	Z	- .868	- .868	0 %100
15	M8	X	1.504	1.504	0 %100
16	M8	Z	- .868	- .868	0 %100
17	M9	X	4.302	4.302	0 %100
18	M9	Z	-2.484	-2.484	0 %100
19	M10	X	4.302	4.302	0 %100
20	M10	Z	-2.484	-2.484	0 %100
21	M11	X	9.468	9.468	0 %100
22	M11	Z	-5.466	-5.466	0 %100
23	M12	X	4.734	4.734	0 %100
24	M12	Z	-2.733	-2.733	0 %100
25	M13	X	15.149	15.149	0 %100
26	M13	Z	-8.746	-8.746	0 %100
27	M14	X	5.772	5.772	0 %100
28	M14	Z	-3.332	-3.332	0 %100
29	M15	X	5.772	5.772	0 %100
30	M15	Z	-3.332	-3.332	0 %100
31	M16	X	5.772	5.772	0 %100
32	M16	Z	-3.332	-3.332	0 %100
33	M17	X	4.512	4.512	0 %100
34	M17	Z	-2.605	-2.605	0 %100
35	M18	X	4.512	4.512	0 %100
36	M18	Z	-2.605	-2.605	0 %100
37	M19	X	5.642	5.642	0 %100
38	M19	Z	-3.257	-3.257	0 %100
39	M20	X	5.642	5.642	0 %100
40	M20	Z	-3.257	-3.257	0 %100
41	M21	X	3.156	3.156	0 %100
42	M21	Z	-1.822	-1.822	0 %100
43	M22	X	1.578	1.578	0 %100
44	M22	Z	- .911	- .911	0 %100
45	M23	X	5.05	5.05	0 %100
46	M23	Z	-2.915	-2.915	0 %100
47	M24	X	5.772	5.772	0 %100
48	M24	Z	-3.332	-3.332	0 %100
49	M25	X	5.772	5.772	0 %100
50	M25	Z	-3.332	-3.332	0 %100
51	M26	X	5.772	5.772	0 %100
52	M26	Z	-3.332	-3.332	0 %100
53	M27	X	1.504	1.504	0 %100
54	M27	Z	- .868	- .868	0 %100
55	M28	X	1.504	1.504	0 %100
56	M28	Z	- .868	- .868	0 %100
57	M29	X	4.302	4.302	0 %100
58	M29	Z	-2.484	-2.484	0 %100
59	M30	X	4.302	4.302	0 %100
60	M30	Z	-2.484	-2.484	0 %100
61	M31	X	9.468	9.468	0 %100
62	M31	Z	-5.466	-5.466	0 %100
63	M32	X	4.734	4.734	0 %100
64	M32	Z	-2.733	-2.733	0 %100
65	M33	X	15.149	15.149	0 %100
66	M33	Z	-8.746	-8.746	0 %100
67	M34	X	5.772	5.772	0 %100
68	M34	Z	-3.332	-3.332	0 %100
69	M35	X	5.772	5.772	0 %100
70	M35	Z	-3.332	-3.332	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.%,]
71	M36	X	5.772	5.772	0 %100
72	M36	Z	-3.332	-3.332	0 %100
73	M37	X	4.512	4.512	0 %100
74	M37	Z	-2.605	-2.605	0 %100
75	M38	X	4.512	4.512	0 %100
76	M38	Z	-2.605	-2.605	0 %100
77	M39	X	5.642	5.642	0 %100
78	M39	Z	-3.257	-3.257	0 %100
79	M40	X	5.642	5.642	0 %100
80	M40	Z	-3.257	-3.257	0 %100
81	M44	X	.846	.846	0 %100
82	M44	Z	-.488	-.488	0 %100
83	M51	X	6.677	6.677	0 %100
84	M51	Z	-3.855	-3.855	0 %100
85	M52	X	6.677	6.677	0 %100
86	M52	Z	-3.855	-3.855	0 %100
87	M53	X	6.677	6.677	0 %100
88	M53	Z	-3.855	-3.855	0 %100
89	M54	X	3.787	3.787	0 %100
90	M54	Z	-2.187	-2.187	0 %100
91	M92	X	7.196	7.196	0 %100
92	M92	Z	-4.154	-4.154	0 %100
93	M92A	X	7.196	7.196	0 %100
94	M92A	Z	-4.154	-4.154	0 %100
95	M94	X	2.226	2.226	0 %100
96	M94	Z	-1.285	-1.285	0 %100
97	M95	X	2.226	2.226	0 %100
98	M95	Z	-1.285	-1.285	0 %100
99	M96	X	2.226	2.226	0 %100
100	M96	Z	-1.285	-1.285	0 %100
101	M97	X	11.362	11.362	0 %100
102	M97	Z	-6.56	-6.56	0 %100
103	M98	X	6.677	6.677	0 %100
104	M98	Z	-3.855	-3.855	0 %100
105	M99	X	6.677	6.677	0 %100
106	M99	Z	-3.855	-3.855	0 %100
107	M100	X	6.677	6.677	0 %100
108	M100	Z	-3.855	-3.855	0 %100
109	M101	X	3.787	3.787	0 %100
110	M101	Z	-2.187	-2.187	0 %100
111	M102	X	2.226	2.226	0 %100
112	M102	Z	-1.285	-1.285	0 %100
113	M103	X	2.226	2.226	0 %100
114	M103	Z	-1.285	-1.285	0 %100
115	M104	X	2.226	2.226	0 %100
116	M104	Z	-1.285	-1.285	0 %100
117	M105	X	11.362	11.362	0 %100
118	M105	Z	-6.56	-6.56	0 %100
119	M74	X	11.778	11.778	0 %100
120	M74	Z	-6.8	-6.8	0 %100
121	M75	X	.846	.846	0 %100
122	M75	Z	-.488	-.488	0 %100
123	M76	X	11.778	11.778	0 %100
124	M76	Z	-6.8	-6.8	0 %100
125	M78	X	16.159	16.159	0 %100
126	M78	Z	-9.329	-9.329	0 %100
127	M79	X	12.369	12.369	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.%,]
128	M79	Z	-7.141	-7.141	0 %100
129	M80	X	16.159	16.159	0 %100
130	M80	Z	-9.329	-9.329	0 %100
131	M81	X	12.369	12.369	0 %100
132	M81	Z	-7.141	-7.141	0 %100
133	M91	X	7.196	7.196	0 %100
134	M91	Z	-4.154	-4.154	0 %100
135	M92B	X	7.196	7.196	0 %100
136	M92B	Z	-4.154	-4.154	0 %100
137	M93B	X	7.196	7.196	0 %100
138	M93B	Z	-4.154	-4.154	0 %100
139	M94A	X	7.196	7.196	0 %100
140	M94A	Z	-4.154	-4.154	0 %100
141	MP4C	X	8.711	8.711	0 %100
142	MP4C	Z	-5.029	-5.029	0 %100
143	MP3C	X	7.196	7.196	0 %100
144	MP3C	Z	-4.154	-4.154	0 %100
145	MP2C	X	7.196	7.196	0 %100
146	MP2C	Z	-4.154	-4.154	0 %100
147	MP1C	X	7.196	7.196	0 %100
148	MP1C	Z	-4.154	-4.154	0 %100
149	MP4B	X	8.711	8.711	0 %100
150	MP4B	Z	-5.029	-5.029	0 %100
151	MP3B	X	7.196	7.196	0 %100
152	MP3B	Z	-4.154	-4.154	0 %100
153	MP2B	X	7.196	7.196	0 %100
154	MP2B	Z	-4.154	-4.154	0 %100
155	MP1B	X	7.196	7.196	0 %100
156	MP1B	Z	-4.154	-4.154	0 %100
157	MP4A	X	8.711	8.711	0 %100
158	MP4A	Z	-5.029	-5.029	0 %100
159	MP3A	X	7.196	7.196	0 %100
160	MP3A	Z	-4.154	-4.154	0 %100
161	MP2A	X	7.196	7.196	0 %100
162	MP2A	Z	-4.154	-4.154	0 %100
163	MP1A	X	7.196	7.196	0 %100
164	MP1A	Z	-4.154	-4.154	0 %100
165	M123	X	.051	.051	0 %100
166	M123	Z	-.029	-.029	0 %100
167	M124	X	.707	.707	0 %100
168	M124	Z	-.408	-.408	0 %100
169	M125	X	.051	.051	0 %100
170	M125	Z	-.029	-.029	0 %100
171	M126	X	.707	.707	0 %100
172	M126	Z	-.408	-.408	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	0	0	0 %100
2	M1	Z	0	0	0 %100
3	M2	X	0	0	0 %100
4	M2	Z	0	0	0 %100
5	M3	X	0	0	0 %100
6	M3	Z	0	0	0 %100
7	M4	X	6.665	6.665	0 %100
8	M4	Z	0	0	0 %100



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 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
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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, %]
9	M5	X	6.665	6.665	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	6.665	6.665	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	4.194	4.194	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	4.194	4.194	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	14.577	14.577	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	7.289	7.289	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	23.323	23.323	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	6.665	6.665	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	6.665	6.665	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	6.665	6.665	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	6.946	6.946	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	6.946	6.946	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	7.289	7.289	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	7.289	7.289	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	6.665	6.665	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	6.665	6.665	0	%100
50	M25	Z	0	0	0	%100
51	M26	X	6.665	6.665	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	4.194	4.194	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	4.194	4.194	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	14.577	14.577	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	7.289	7.289	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	23.323	23.323	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, %]	
66	M33	Z	0	0	0	%100
67	M34	X	6.665	6.665	0	%100
68	M34	Z	0	0	0	%100
69	M35	X	6.665	6.665	0	%100
70	M35	Z	0	0	0	%100
71	M36	X	6.665	6.665	0	%100
72	M36	Z	0	0	0	%100
73	M37	X	6.946	6.946	0	%100
74	M37	Z	0	0	0	%100
75	M38	X	6.946	6.946	0	%100
76	M38	Z	0	0	0	%100
77	M39	X	7.289	7.289	0	%100
78	M39	Z	0	0	0	%100
79	M40	X	7.289	7.289	0	%100
80	M40	Z	0	0	0	%100
81	M44	X	7.289	7.289	0	%100
82	M44	Z	0	0	0	%100
83	M51	X	10.28	10.28	0	%100
84	M51	Z	0	0	0	%100
85	M52	X	10.28	10.28	0	%100
86	M52	Z	0	0	0	%100
87	M53	X	10.28	10.28	0	%100
88	M53	Z	0	0	0	%100
89	M54	X	0	0	0	%100
90	M54	Z	0	0	0	%100
91	M92	X	8.309	8.309	0	%100
92	M92	Z	0	0	0	%100
93	M92A	X	8.309	8.309	0	%100
94	M92A	Z	0	0	0	%100
95	M94	X	0	0	0	%100
96	M94	Z	0	0	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	0	0	0	%100
101	M97	X	17.493	17.493	0	%100
102	M97	Z	0	0	0	%100
103	M98	X	10.28	10.28	0	%100
104	M98	Z	0	0	0	%100
105	M99	X	10.28	10.28	0	%100
106	M99	Z	0	0	0	%100
107	M100	X	10.28	10.28	0	%100
108	M100	Z	0	0	0	%100
109	M101	X	0	0	0	%100
110	M101	Z	0	0	0	%100
111	M102	X	0	0	0	%100
112	M102	Z	0	0	0	%100
113	M103	X	0	0	0	%100
114	M103	Z	0	0	0	%100
115	M104	X	0	0	0	%100
116	M104	Z	0	0	0	%100
117	M105	X	17.493	17.493	0	%100
118	M105	Z	0	0	0	%100
119	M74	X	7.289	7.289	0	%100
120	M74	Z	0	0	0	%100
121	M75	X	7.289	7.289	0	%100
122	M75	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
123	M76	X	7.289	7.289	0 %100
124	M76	Z	0	0	0 %100
125	M78	X	16.47	16.47	0 %100
126	M78	Z	0	0	0 %100
127	M79	X	16.47	16.47	0 %100
128	M79	Z	0	0	0 %100
129	M80	X	16.47	16.47	0 %100
130	M80	Z	0	0	0 %100
131	M81	X	16.47	16.47	0 %100
132	M81	Z	0	0	0 %100
133	M91	X	8.309	8.309	0 %100
134	M91	Z	0	0	0 %100
135	M92B	X	8.309	8.309	0 %100
136	M92B	Z	0	0	0 %100
137	M93B	X	8.309	8.309	0 %100
138	M93B	Z	0	0	0 %100
139	M94A	X	8.309	8.309	0 %100
140	M94A	Z	0	0	0 %100
141	MP4C	X	10.058	10.058	0 %100
142	MP4C	Z	0	0	0 %100
143	MP3C	X	8.309	8.309	0 %100
144	MP3C	Z	0	0	0 %100
145	MP2C	X	8.309	8.309	0 %100
146	MP2C	Z	0	0	0 %100
147	MP1C	X	8.309	8.309	0 %100
148	MP1C	Z	0	0	0 %100
149	MP4B	X	10.058	10.058	0 %100
150	MP4B	Z	0	0	0 %100
151	MP3B	X	8.309	8.309	0 %100
152	MP3B	Z	0	0	0 %100
153	MP2B	X	8.309	8.309	0 %100
154	MP2B	Z	0	0	0 %100
155	MP1B	X	8.309	8.309	0 %100
156	MP1B	Z	0	0	0 %100
157	MP4A	X	10.058	10.058	0 %100
158	MP4A	Z	0	0	0 %100
159	MP3A	X	8.309	8.309	0 %100
160	MP3A	Z	0	0	0 %100
161	MP2A	X	8.309	8.309	0 %100
162	MP2A	Z	0	0	0 %100
163	MP1A	X	8.309	8.309	0 %100
164	MP1A	Z	0	0	0 %100
165	M123	X	.437	.437	0 %100
166	M123	Z	0	0	0 %100
167	M124	X	.437	.437	0 %100
168	M124	Z	0	0	0 %100
169	M125	X	.437	.437	0 %100
170	M125	Z	0	0	0 %100
171	M126	X	.437	.437	0 %100
172	M126	Z	0	0	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	3.156	3.156	0 %100
2	M1	Z	1.822	1.822	0 %100
3	M2	X	1.578	1.578	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F...]	Start Location[ft.%]	End Location[ft.%]
4	M2	Z	.911	.911	0	%100
5	M3	X	5.05	5.05	0	%100
6	M3	Z	2.915	2.915	0	%100
7	M4	X	5.772	5.772	0	%100
8	M4	Z	3.332	3.332	0	%100
9	M5	X	5.772	5.772	0	%100
10	M5	Z	3.332	3.332	0	%100
11	M6	X	5.772	5.772	0	%100
12	M6	Z	3.332	3.332	0	%100
13	M7	X	1.504	1.504	0	%100
14	M7	Z	.868	.868	0	%100
15	M8	X	1.504	1.504	0	%100
16	M8	Z	.868	.868	0	%100
17	M9	X	4.302	4.302	0	%100
18	M9	Z	2.484	2.484	0	%100
19	M10	X	4.302	4.302	0	%100
20	M10	Z	2.484	2.484	0	%100
21	M11	X	9.468	9.468	0	%100
22	M11	Z	5.466	5.466	0	%100
23	M12	X	4.734	4.734	0	%100
24	M12	Z	2.733	2.733	0	%100
25	M13	X	15.149	15.149	0	%100
26	M13	Z	8.746	8.746	0	%100
27	M14	X	5.772	5.772	0	%100
28	M14	Z	3.332	3.332	0	%100
29	M15	X	5.772	5.772	0	%100
30	M15	Z	3.332	3.332	0	%100
31	M16	X	5.772	5.772	0	%100
32	M16	Z	3.332	3.332	0	%100
33	M17	X	4.512	4.512	0	%100
34	M17	Z	2.605	2.605	0	%100
35	M18	X	4.512	4.512	0	%100
36	M18	Z	2.605	2.605	0	%100
37	M19	X	5.642	5.642	0	%100
38	M19	Z	3.257	3.257	0	%100
39	M20	X	5.642	5.642	0	%100
40	M20	Z	3.257	3.257	0	%100
41	M21	X	3.156	3.156	0	%100
42	M21	Z	1.822	1.822	0	%100
43	M22	X	1.578	1.578	0	%100
44	M22	Z	.911	.911	0	%100
45	M23	X	5.05	5.05	0	%100
46	M23	Z	2.915	2.915	0	%100
47	M24	X	5.772	5.772	0	%100
48	M24	Z	3.332	3.332	0	%100
49	M25	X	5.772	5.772	0	%100
50	M25	Z	3.332	3.332	0	%100
51	M26	X	5.772	5.772	0	%100
52	M26	Z	3.332	3.332	0	%100
53	M27	X	1.504	1.504	0	%100
54	M27	Z	.868	.868	0	%100
55	M28	X	1.504	1.504	0	%100
56	M28	Z	.868	.868	0	%100
57	M29	X	4.302	4.302	0	%100
58	M29	Z	2.484	2.484	0	%100
59	M30	X	4.302	4.302	0	%100
60	M30	Z	2.484	2.484	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
61	M31	X	9.468	9.468	0 %100
62	M31	Z	5.466	5.466	0 %100
63	M32	X	4.734	4.734	0 %100
64	M32	Z	2.733	2.733	0 %100
65	M33	X	15.149	15.149	0 %100
66	M33	Z	8.746	8.746	0 %100
67	M34	X	5.772	5.772	0 %100
68	M34	Z	3.332	3.332	0 %100
69	M35	X	5.772	5.772	0 %100
70	M35	Z	3.332	3.332	0 %100
71	M36	X	5.772	5.772	0 %100
72	M36	Z	3.332	3.332	0 %100
73	M37	X	4.512	4.512	0 %100
74	M37	Z	2.605	2.605	0 %100
75	M38	X	4.512	4.512	0 %100
76	M38	Z	2.605	2.605	0 %100
77	M39	X	5.642	5.642	0 %100
78	M39	Z	3.257	3.257	0 %100
79	M40	X	5.642	5.642	0 %100
80	M40	Z	3.257	3.257	0 %100
81	M44	X	11.778	11.778	0 %100
82	M44	Z	6.8	6.8	0 %100
83	M51	X	6.677	6.677	0 %100
84	M51	Z	3.855	3.855	0 %100
85	M52	X	6.677	6.677	0 %100
86	M52	Z	3.855	3.855	0 %100
87	M53	X	6.677	6.677	0 %100
88	M53	Z	3.855	3.855	0 %100
89	M54	X	3.787	3.787	0 %100
90	M54	Z	2.187	2.187	0 %100
91	M92	X	7.196	7.196	0 %100
92	M92	Z	4.154	4.154	0 %100
93	M92A	X	7.196	7.196	0 %100
94	M92A	Z	4.154	4.154	0 %100
95	M94	X	2.226	2.226	0 %100
96	M94	Z	1.285	1.285	0 %100
97	M95	X	2.226	2.226	0 %100
98	M95	Z	1.285	1.285	0 %100
99	M96	X	2.226	2.226	0 %100
100	M96	Z	1.285	1.285	0 %100
101	M97	X	11.362	11.362	0 %100
102	M97	Z	6.56	6.56	0 %100
103	M98	X	6.677	6.677	0 %100
104	M98	Z	3.855	3.855	0 %100
105	M99	X	6.677	6.677	0 %100
106	M99	Z	3.855	3.855	0 %100
107	M100	X	6.677	6.677	0 %100
108	M100	Z	3.855	3.855	0 %100
109	M101	X	3.787	3.787	0 %100
110	M101	Z	2.187	2.187	0 %100
111	M102	X	2.226	2.226	0 %100
112	M102	Z	1.285	1.285	0 %100
113	M103	X	2.226	2.226	0 %100
114	M103	Z	1.285	1.285	0 %100
115	M104	X	2.226	2.226	0 %100
116	M104	Z	1.285	1.285	0 %100
117	M105	X	11.362	11.362	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.%]
118	M105	Z	6.56	6.56	0 %100
119	M74	X	.846	.846	0 %100
120	M74	Z	.488	.488	0 %100
121	M75	X	11.778	11.778	0 %100
122	M75	Z	6.8	6.8	0 %100
123	M76	X	.846	.846	0 %100
124	M76	Z	.488	.488	0 %100
125	M78	X	12.369	12.369	0 %100
126	M78	Z	7.141	7.141	0 %100
127	M79	X	16.159	16.159	0 %100
128	M79	Z	9.329	9.329	0 %100
129	M80	X	12.369	12.369	0 %100
130	M80	Z	7.141	7.141	0 %100
131	M81	X	16.159	16.159	0 %100
132	M81	Z	9.329	9.329	0 %100
133	M91	X	7.196	7.196	0 %100
134	M91	Z	4.154	4.154	0 %100
135	M92B	X	7.196	7.196	0 %100
136	M92B	Z	4.154	4.154	0 %100
137	M93B	X	7.196	7.196	0 %100
138	M93B	Z	4.154	4.154	0 %100
139	M94A	X	7.196	7.196	0 %100
140	M94A	Z	4.154	4.154	0 %100
141	MP4C	X	8.711	8.711	0 %100
142	MP4C	Z	5.029	5.029	0 %100
143	MP3C	X	7.196	7.196	0 %100
144	MP3C	Z	4.154	4.154	0 %100
145	MP2C	X	7.196	7.196	0 %100
146	MP2C	Z	4.154	4.154	0 %100
147	MP1C	X	7.196	7.196	0 %100
148	MP1C	Z	4.154	4.154	0 %100
149	MP4B	X	8.711	8.711	0 %100
150	MP4B	Z	5.029	5.029	0 %100
151	MP3B	X	7.196	7.196	0 %100
152	MP3B	Z	4.154	4.154	0 %100
153	MP2B	X	7.196	7.196	0 %100
154	MP2B	Z	4.154	4.154	0 %100
155	MP1B	X	7.196	7.196	0 %100
156	MP1B	Z	4.154	4.154	0 %100
157	MP4A	X	8.711	8.711	0 %100
158	MP4A	Z	5.029	5.029	0 %100
159	MP3A	X	7.196	7.196	0 %100
160	MP3A	Z	4.154	4.154	0 %100
161	MP2A	X	7.196	7.196	0 %100
162	MP2A	Z	4.154	4.154	0 %100
163	MP1A	X	7.196	7.196	0 %100
164	MP1A	Z	4.154	4.154	0 %100
165	M123	X	.707	.707	0 %100
166	M123	Z	.408	.408	0 %100
167	M124	X	.051	.051	0 %100
168	M124	Z	.029	.029	0 %100
169	M125	X	.707	.707	0 %100
170	M125	Z	.408	.408	0 %100
171	M126	X	.051	.051	0 %100
172	M126	Z	.029	.029	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
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Member Distributed Loads (BLC 46 : Structure Wo (150 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	5.466	5.466	0	%100
2	M1	Z	9.468	9.468	0	%100
3	M2	X	2.733	2.733	0	%100
4	M2	Z	4.734	4.734	0	%100
5	M3	X	8.746	8.746	0	%100
6	M3	Z	15.149	15.149	0	%100
7	M4	X	3.332	3.332	0	%100
8	M4	Z	5.772	5.772	0	%100
9	M5	X	3.332	3.332	0	%100
10	M5	Z	5.772	5.772	0	%100
11	M6	X	3.332	3.332	0	%100
12	M6	Z	5.772	5.772	0	%100
13	M7	X	2.605	2.605	0	%100
14	M7	Z	4.512	4.512	0	%100
15	M8	X	2.605	2.605	0	%100
16	M8	Z	4.512	4.512	0	%100
17	M9	X	3.257	3.257	0	%100
18	M9	Z	5.642	5.642	0	%100
19	M10	X	3.257	3.257	0	%100
20	M10	Z	5.642	5.642	0	%100
21	M11	X	1.822	1.822	0	%100
22	M11	Z	3.156	3.156	0	%100
23	M12	X	.911	.911	0	%100
24	M12	Z	1.578	1.578	0	%100
25	M13	X	2.915	2.915	0	%100
26	M13	Z	5.05	5.05	0	%100
27	M14	X	3.332	3.332	0	%100
28	M14	Z	5.772	5.772	0	%100
29	M15	X	3.332	3.332	0	%100
30	M15	Z	5.772	5.772	0	%100
31	M16	X	3.332	3.332	0	%100
32	M16	Z	5.772	5.772	0	%100
33	M17	X	.868	.868	0	%100
34	M17	Z	1.504	1.504	0	%100
35	M18	X	.868	.868	0	%100
36	M18	Z	1.504	1.504	0	%100
37	M19	X	2.484	2.484	0	%100
38	M19	Z	4.302	4.302	0	%100
39	M20	X	2.484	2.484	0	%100
40	M20	Z	4.302	4.302	0	%100
41	M21	X	5.466	5.466	0	%100
42	M21	Z	9.468	9.468	0	%100
43	M22	X	2.733	2.733	0	%100
44	M22	Z	4.734	4.734	0	%100
45	M23	X	8.746	8.746	0	%100
46	M23	Z	15.149	15.149	0	%100
47	M24	X	3.332	3.332	0	%100
48	M24	Z	5.772	5.772	0	%100
49	M25	X	3.332	3.332	0	%100
50	M25	Z	5.772	5.772	0	%100
51	M26	X	3.332	3.332	0	%100
52	M26	Z	5.772	5.772	0	%100
53	M27	X	2.605	2.605	0	%100
54	M27	Z	4.512	4.512	0	%100
55	M28	X	2.605	2.605	0	%100
56	M28	Z	4.512	4.512	0	%100
57	M29	X	3.257	3.257	0	%100



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 Job Number :
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Aug 5, 2021
 11:40 AM
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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, %]
58	M29	Z	5.642	5.642	0 %100
59	M30	X	3.257	3.257	0 %100
60	M30	Z	5.642	5.642	0 %100
61	M31	X	1.822	1.822	0 %100
62	M31	Z	3.156	3.156	0 %100
63	M32	X	.911	.911	0 %100
64	M32	Z	1.578	1.578	0 %100
65	M33	X	2.915	2.915	0 %100
66	M33	Z	5.05	5.05	0 %100
67	M34	X	3.332	3.332	0 %100
68	M34	Z	5.772	5.772	0 %100
69	M35	X	3.332	3.332	0 %100
70	M35	Z	5.772	5.772	0 %100
71	M36	X	3.332	3.332	0 %100
72	M36	Z	5.772	5.772	0 %100
73	M37	X	.868	.868	0 %100
74	M37	Z	1.504	1.504	0 %100
75	M38	X	.868	.868	0 %100
76	M38	Z	1.504	1.504	0 %100
77	M39	X	2.484	2.484	0 %100
78	M39	Z	4.302	4.302	0 %100
79	M40	X	2.484	2.484	0 %100
80	M40	Z	4.302	4.302	0 %100
81	M44	X	6.8	6.8	0 %100
82	M44	Z	11.778	11.778	0 %100
83	M51	X	1.285	1.285	0 %100
84	M51	Z	2.226	2.226	0 %100
85	M52	X	1.285	1.285	0 %100
86	M52	Z	2.226	2.226	0 %100
87	M53	X	1.285	1.285	0 %100
88	M53	Z	2.226	2.226	0 %100
89	M54	X	6.56	6.56	0 %100
90	M54	Z	11.362	11.362	0 %100
91	M92	X	4.154	4.154	0 %100
92	M92	Z	7.196	7.196	0 %100
93	M92A	X	4.154	4.154	0 %100
94	M92A	Z	7.196	7.196	0 %100
95	M94	X	3.855	3.855	0 %100
96	M94	Z	6.677	6.677	0 %100
97	M95	X	3.855	3.855	0 %100
98	M95	Z	6.677	6.677	0 %100
99	M96	X	3.855	3.855	0 %100
100	M96	Z	6.677	6.677	0 %100
101	M97	X	2.187	2.187	0 %100
102	M97	Z	3.787	3.787	0 %100
103	M98	X	1.285	1.285	0 %100
104	M98	Z	2.226	2.226	0 %100
105	M99	X	1.285	1.285	0 %100
106	M99	Z	2.226	2.226	0 %100
107	M100	X	1.285	1.285	0 %100
108	M100	Z	2.226	2.226	0 %100
109	M101	X	6.56	6.56	0 %100
110	M101	Z	11.362	11.362	0 %100
111	M102	X	3.855	3.855	0 %100
112	M102	Z	6.677	6.677	0 %100
113	M103	X	3.855	3.855	0 %100
114	M103	Z	6.677	6.677	0 %100



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Aug 5, 2021
 11:40 AM
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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, %]
115	M104	X	3.855	3.855	0 %100
116	M104	Z	6.677	6.677	0 %100
117	M105	X	2.187	2.187	0 %100
118	M105	Z	3.787	3.787	0 %100
119	M74	X	.488	.488	0 %100
120	M74	Z	.846	.846	0 %100
121	M75	X	6.8	6.8	0 %100
122	M75	Z	11.778	11.778	0 %100
123	M76	X	.488	.488	0 %100
124	M76	Z	.846	.846	0 %100
125	M78	X	7.141	7.141	0 %100
126	M78	Z	12.369	12.369	0 %100
127	M79	X	9.329	9.329	0 %100
128	M79	Z	16.159	16.159	0 %100
129	M80	X	7.141	7.141	0 %100
130	M80	Z	12.369	12.369	0 %100
131	M81	X	9.329	9.329	0 %100
132	M81	Z	16.159	16.159	0 %100
133	M91	X	4.154	4.154	0 %100
134	M91	Z	7.196	7.196	0 %100
135	M92B	X	4.154	4.154	0 %100
136	M92B	Z	7.196	7.196	0 %100
137	M93B	X	4.154	4.154	0 %100
138	M93B	Z	7.196	7.196	0 %100
139	M94A	X	4.154	4.154	0 %100
140	M94A	Z	7.196	7.196	0 %100
141	MP4C	X	5.029	5.029	0 %100
142	MP4C	Z	8.711	8.711	0 %100
143	MP3C	X	4.154	4.154	0 %100
144	MP3C	Z	7.196	7.196	0 %100
145	MP2C	X	4.154	4.154	0 %100
146	MP2C	Z	7.196	7.196	0 %100
147	MP1C	X	4.154	4.154	0 %100
148	MP1C	Z	7.196	7.196	0 %100
149	MP4B	X	5.029	5.029	0 %100
150	MP4B	Z	8.711	8.711	0 %100
151	MP3B	X	4.154	4.154	0 %100
152	MP3B	Z	7.196	7.196	0 %100
153	MP2B	X	4.154	4.154	0 %100
154	MP2B	Z	7.196	7.196	0 %100
155	MP1B	X	4.154	4.154	0 %100
156	MP1B	Z	7.196	7.196	0 %100
157	MP4A	X	5.029	5.029	0 %100
158	MP4A	Z	8.711	8.711	0 %100
159	MP3A	X	4.154	4.154	0 %100
160	MP3A	Z	7.196	7.196	0 %100
161	MP2A	X	4.154	4.154	0 %100
162	MP2A	Z	7.196	7.196	0 %100
163	MP1A	X	4.154	4.154	0 %100
164	MP1A	Z	7.196	7.196	0 %100
165	M123	X	.408	.408	0 %100
166	M123	Z	.707	.707	0 %100
167	M124	X	.029	.029	0 %100
168	M124	Z	.051	.051	0 %100
169	M125	X	.408	.408	0 %100
170	M125	Z	.707	.707	0 %100
171	M126	X	.029	.029	0 %100



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 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
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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.%]
172 M126	Z	.051	.051	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[ft.%]	End Location[ft.%]
1 M1	X	0	0	0	%100
2 M1	Z	14.577	14.577	0	%100
3 M2	X	0	0	0	%100
4 M2	Z	7.289	7.289	0	%100
5 M3	X	0	0	0	%100
6 M3	Z	23.323	23.323	0	%100
7 M4	X	0	0	0	%100
8 M4	Z	6.665	6.665	0	%100
9 M5	X	0	0	0	%100
10 M5	Z	6.665	6.665	0	%100
11 M6	X	0	0	0	%100
12 M6	Z	6.665	6.665	0	%100
13 M7	X	0	0	0	%100
14 M7	Z	6.946	6.946	0	%100
15 M8	X	0	0	0	%100
16 M8	Z	6.946	6.946	0	%100
17 M9	X	0	0	0	%100
18 M9	Z	7.289	7.289	0	%100
19 M10	X	0	0	0	%100
20 M10	Z	7.289	7.289	0	%100
21 M11	X	0	0	0	%100
22 M11	Z	0	0	0	%100
23 M12	X	0	0	0	%100
24 M12	Z	0	0	0	%100
25 M13	X	0	0	0	%100
26 M13	Z	0	0	0	%100
27 M14	X	0	0	0	%100
28 M14	Z	6.665	6.665	0	%100
29 M15	X	0	0	0	%100
30 M15	Z	6.665	6.665	0	%100
31 M16	X	0	0	0	%100
32 M16	Z	6.665	6.665	0	%100
33 M17	X	0	0	0	%100
34 M17	Z	0	0	0	%100
35 M18	X	0	0	0	%100
36 M18	Z	0	0	0	%100
37 M19	X	0	0	0	%100
38 M19	Z	4.194	4.194	0	%100
39 M20	X	0	0	0	%100
40 M20	Z	4.194	4.194	0	%100
41 M21	X	0	0	0	%100
42 M21	Z	14.577	14.577	0	%100
43 M22	X	0	0	0	%100
44 M22	Z	7.289	7.289	0	%100
45 M23	X	0	0	0	%100
46 M23	Z	23.323	23.323	0	%100
47 M24	X	0	0	0	%100
48 M24	Z	6.665	6.665	0	%100
49 M25	X	0	0	0	%100
50 M25	Z	6.665	6.665	0	%100
51 M26	X	0	0	0	%100
52 M26	Z	6.665	6.665	0	%100



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 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
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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, %]
53	M27	X	0	0	%100
54	M27	Z	6.946	6.946	%100
55	M28	X	0	0	%100
56	M28	Z	6.946	6.946	%100
57	M29	X	0	0	%100
58	M29	Z	7.289	7.289	%100
59	M30	X	0	0	%100
60	M30	Z	7.289	7.289	%100
61	M31	X	0	0	%100
62	M31	Z	0	0	%100
63	M32	X	0	0	%100
64	M32	Z	0	0	%100
65	M33	X	0	0	%100
66	M33	Z	0	0	%100
67	M34	X	0	0	%100
68	M34	Z	6.665	6.665	%100
69	M35	X	0	0	%100
70	M35	Z	6.665	6.665	%100
71	M36	X	0	0	%100
72	M36	Z	6.665	6.665	%100
73	M37	X	0	0	%100
74	M37	Z	0	0	%100
75	M38	X	0	0	%100
76	M38	Z	0	0	%100
77	M39	X	0	0	%100
78	M39	Z	4.194	4.194	%100
79	M40	X	0	0	%100
80	M40	Z	4.194	4.194	%100
81	M44	X	0	0	%100
82	M44	Z	7.289	7.289	%100
83	M51	X	0	0	%100
84	M51	Z	0	0	%100
85	M52	X	0	0	%100
86	M52	Z	0	0	%100
87	M53	X	0	0	%100
88	M53	Z	0	0	%100
89	M54	X	0	0	%100
90	M54	Z	17.493	17.493	%100
91	M92	X	0	0	%100
92	M92	Z	8.309	8.309	%100
93	M92A	X	0	0	%100
94	M92A	Z	8.309	8.309	%100
95	M94	X	0	0	%100
96	M94	Z	10.28	10.28	%100
97	M95	X	0	0	%100
98	M95	Z	10.28	10.28	%100
99	M96	X	0	0	%100
100	M96	Z	10.28	10.28	%100
101	M97	X	0	0	%100
102	M97	Z	0	0	%100
103	M98	X	0	0	%100
104	M98	Z	0	0	%100
105	M99	X	0	0	%100
106	M99	Z	0	0	%100
107	M100	X	0	0	%100
108	M100	Z	0	0	%100
109	M101	X	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
110	M101	Z	17.493	17.493	0 %100
111	M102	X	0	0	0 %100
112	M102	Z	10.28	10.28	0 %100
113	M103	X	0	0	0 %100
114	M103	Z	10.28	10.28	0 %100
115	M104	X	0	0	0 %100
116	M104	Z	10.28	10.28	0 %100
117	M105	X	0	0	0 %100
118	M105	Z	0	0	0 %100
119	M74	X	0	0	0 %100
120	M74	Z	7.289	7.289	0 %100
121	M75	X	0	0	0 %100
122	M75	Z	7.289	7.289	0 %100
123	M76	X	0	0	0 %100
124	M76	Z	7.289	7.289	0 %100
125	M78	X	0	0	0 %100
126	M78	Z	16.47	16.47	0 %100
127	M79	X	0	0	0 %100
128	M79	Z	16.47	16.47	0 %100
129	M80	X	0	0	0 %100
130	M80	Z	16.47	16.47	0 %100
131	M81	X	0	0	0 %100
132	M81	Z	16.47	16.47	0 %100
133	M91	X	0	0	0 %100
134	M91	Z	8.309	8.309	0 %100
135	M92B	X	0	0	0 %100
136	M92B	Z	8.309	8.309	0 %100
137	M93B	X	0	0	0 %100
138	M93B	Z	8.309	8.309	0 %100
139	M94A	X	0	0	0 %100
140	M94A	Z	8.309	8.309	0 %100
141	MP4C	X	0	0	0 %100
142	MP4C	Z	10.058	10.058	0 %100
143	MP3C	X	0	0	0 %100
144	MP3C	Z	8.309	8.309	0 %100
145	MP2C	X	0	0	0 %100
146	MP2C	Z	8.309	8.309	0 %100
147	MP1C	X	0	0	0 %100
148	MP1C	Z	8.309	8.309	0 %100
149	MP4B	X	0	0	0 %100
150	MP4B	Z	10.058	10.058	0 %100
151	MP3B	X	0	0	0 %100
152	MP3B	Z	8.309	8.309	0 %100
153	MP2B	X	0	0	0 %100
154	MP2B	Z	8.309	8.309	0 %100
155	MP1B	X	0	0	0 %100
156	MP1B	Z	8.309	8.309	0 %100
157	MP4A	X	0	0	0 %100
158	MP4A	Z	10.058	10.058	0 %100
159	MP3A	X	0	0	0 %100
160	MP3A	Z	8.309	8.309	0 %100
161	MP2A	X	0	0	0 %100
162	MP2A	Z	8.309	8.309	0 %100
163	MP1A	X	0	0	0 %100
164	MP1A	Z	8.309	8.309	0 %100
165	M123	X	0	0	0 %100
166	M123	Z	.437	.437	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, %]
167	M124	X	0	0	0	%100
168	M124	Z	.437	.437	0	%100
169	M125	X	0	0	0	%100
170	M125	Z	.437	.437	0	%100
171	M126	X	0	0	0	%100
172	M126	Z	.437	.437	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-5.466	-5.466	0	%100
2	M1	Z	9.468	9.468	0	%100
3	M2	X	-2.733	-2.733	0	%100
4	M2	Z	4.734	4.734	0	%100
5	M3	X	-8.746	-8.746	0	%100
6	M3	Z	15.149	15.149	0	%100
7	M4	X	-3.332	-3.332	0	%100
8	M4	Z	5.772	5.772	0	%100
9	M5	X	-3.332	-3.332	0	%100
10	M5	Z	5.772	5.772	0	%100
11	M6	X	-3.332	-3.332	0	%100
12	M6	Z	5.772	5.772	0	%100
13	M7	X	-2.605	-2.605	0	%100
14	M7	Z	4.512	4.512	0	%100
15	M8	X	-2.605	-2.605	0	%100
16	M8	Z	4.512	4.512	0	%100
17	M9	X	-3.257	-3.257	0	%100
18	M9	Z	5.642	5.642	0	%100
19	M10	X	-3.257	-3.257	0	%100
20	M10	Z	5.642	5.642	0	%100
21	M11	X	-1.822	-1.822	0	%100
22	M11	Z	3.156	3.156	0	%100
23	M12	X	-.911	-.911	0	%100
24	M12	Z	1.578	1.578	0	%100
25	M13	X	-2.915	-2.915	0	%100
26	M13	Z	5.05	5.05	0	%100
27	M14	X	-3.332	-3.332	0	%100
28	M14	Z	5.772	5.772	0	%100
29	M15	X	-3.332	-3.332	0	%100
30	M15	Z	5.772	5.772	0	%100
31	M16	X	-3.332	-3.332	0	%100
32	M16	Z	5.772	5.772	0	%100
33	M17	X	-.868	-.868	0	%100
34	M17	Z	1.504	1.504	0	%100
35	M18	X	-.868	-.868	0	%100
36	M18	Z	1.504	1.504	0	%100
37	M19	X	-2.484	-2.484	0	%100
38	M19	Z	4.302	4.302	0	%100
39	M20	X	-2.484	-2.484	0	%100
40	M20	Z	4.302	4.302	0	%100
41	M21	X	-5.466	-5.466	0	%100
42	M21	Z	9.468	9.468	0	%100
43	M22	X	-2.733	-2.733	0	%100
44	M22	Z	4.734	4.734	0	%100
45	M23	X	-8.746	-8.746	0	%100
46	M23	Z	15.149	15.149	0	%100
47	M24	X	-3.332	-3.332	0	%100



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 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
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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.%]
48	M24	Z	5.772	5.772	0 %100
49	M25	X	-3.332	-3.332	0 %100
50	M25	Z	5.772	5.772	0 %100
51	M26	X	-3.332	-3.332	0 %100
52	M26	Z	5.772	5.772	0 %100
53	M27	X	-2.605	-2.605	0 %100
54	M27	Z	4.512	4.512	0 %100
55	M28	X	-2.605	-2.605	0 %100
56	M28	Z	4.512	4.512	0 %100
57	M29	X	-3.257	-3.257	0 %100
58	M29	Z	5.642	5.642	0 %100
59	M30	X	-3.257	-3.257	0 %100
60	M30	Z	5.642	5.642	0 %100
61	M31	X	-1.822	-1.822	0 %100
62	M31	Z	3.156	3.156	0 %100
63	M32	X	-.911	-.911	0 %100
64	M32	Z	1.578	1.578	0 %100
65	M33	X	-2.915	-2.915	0 %100
66	M33	Z	5.05	5.05	0 %100
67	M34	X	-3.332	-3.332	0 %100
68	M34	Z	5.772	5.772	0 %100
69	M35	X	-3.332	-3.332	0 %100
70	M35	Z	5.772	5.772	0 %100
71	M36	X	-3.332	-3.332	0 %100
72	M36	Z	5.772	5.772	0 %100
73	M37	X	-.868	-.868	0 %100
74	M37	Z	1.504	1.504	0 %100
75	M38	X	-.868	-.868	0 %100
76	M38	Z	1.504	1.504	0 %100
77	M39	X	-2.484	-2.484	0 %100
78	M39	Z	4.302	4.302	0 %100
79	M40	X	-2.484	-2.484	0 %100
80	M40	Z	4.302	4.302	0 %100
81	M44	X	-.488	-.488	0 %100
82	M44	Z	.846	.846	0 %100
83	M51	X	-1.285	-1.285	0 %100
84	M51	Z	2.226	2.226	0 %100
85	M52	X	-1.285	-1.285	0 %100
86	M52	Z	2.226	2.226	0 %100
87	M53	X	-1.285	-1.285	0 %100
88	M53	Z	2.226	2.226	0 %100
89	M54	X	-6.56	-6.56	0 %100
90	M54	Z	11.362	11.362	0 %100
91	M92	X	-4.154	-4.154	0 %100
92	M92	Z	7.196	7.196	0 %100
93	M92A	X	-4.154	-4.154	0 %100
94	M92A	Z	7.196	7.196	0 %100
95	M94	X	-3.855	-3.855	0 %100
96	M94	Z	6.677	6.677	0 %100
97	M95	X	-3.855	-3.855	0 %100
98	M95	Z	6.677	6.677	0 %100
99	M96	X	-3.855	-3.855	0 %100
100	M96	Z	6.677	6.677	0 %100
101	M97	X	-2.187	-2.187	0 %100
102	M97	Z	3.787	3.787	0 %100
103	M98	X	-1.285	-1.285	0 %100
104	M98	Z	2.226	2.226	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, %]
105	M99	X	-1.285	-1.285	0 %100
106	M99	Z	2.226	2.226	0 %100
107	M100	X	-1.285	-1.285	0 %100
108	M100	Z	2.226	2.226	0 %100
109	M101	X	-6.56	-6.56	0 %100
110	M101	Z	11.362	11.362	0 %100
111	M102	X	-3.855	-3.855	0 %100
112	M102	Z	6.677	6.677	0 %100
113	M103	X	-3.855	-3.855	0 %100
114	M103	Z	6.677	6.677	0 %100
115	M104	X	-3.855	-3.855	0 %100
116	M104	Z	6.677	6.677	0 %100
117	M105	X	-2.187	-2.187	0 %100
118	M105	Z	3.787	3.787	0 %100
119	M74	X	-6.8	-6.8	0 %100
120	M74	Z	11.778	11.778	0 %100
121	M75	X	-.488	-.488	0 %100
122	M75	Z	.846	.846	0 %100
123	M76	X	-6.8	-6.8	0 %100
124	M76	Z	11.778	11.778	0 %100
125	M78	X	-9.329	-9.329	0 %100
126	M78	Z	16.159	16.159	0 %100
127	M79	X	-7.141	-7.141	0 %100
128	M79	Z	12.369	12.369	0 %100
129	M80	X	-9.329	-9.329	0 %100
130	M80	Z	16.159	16.159	0 %100
131	M81	X	-7.141	-7.141	0 %100
132	M81	Z	12.369	12.369	0 %100
133	M91	X	-4.154	-4.154	0 %100
134	M91	Z	7.196	7.196	0 %100
135	M92B	X	-4.154	-4.154	0 %100
136	M92B	Z	7.196	7.196	0 %100
137	M93B	X	-4.154	-4.154	0 %100
138	M93B	Z	7.196	7.196	0 %100
139	M94A	X	-4.154	-4.154	0 %100
140	M94A	Z	7.196	7.196	0 %100
141	MP4C	X	-5.029	-5.029	0 %100
142	MP4C	Z	8.711	8.711	0 %100
143	MP3C	X	-4.154	-4.154	0 %100
144	MP3C	Z	7.196	7.196	0 %100
145	MP2C	X	-4.154	-4.154	0 %100
146	MP2C	Z	7.196	7.196	0 %100
147	MP1C	X	-4.154	-4.154	0 %100
148	MP1C	Z	7.196	7.196	0 %100
149	MP4B	X	-5.029	-5.029	0 %100
150	MP4B	Z	8.711	8.711	0 %100
151	MP3B	X	-4.154	-4.154	0 %100
152	MP3B	Z	7.196	7.196	0 %100
153	MP2B	X	-4.154	-4.154	0 %100
154	MP2B	Z	7.196	7.196	0 %100
155	MP1B	X	-4.154	-4.154	0 %100
156	MP1B	Z	7.196	7.196	0 %100
157	MP4A	X	-5.029	-5.029	0 %100
158	MP4A	Z	8.711	8.711	0 %100
159	MP3A	X	-4.154	-4.154	0 %100
160	MP3A	Z	7.196	7.196	0 %100
161	MP2A	X	-4.154	-4.154	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
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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.%]
162	MP2A	Z	7.196	7.196	0	%100
163	MP1A	X	-4.154	-4.154	0	%100
164	MP1A	Z	7.196	7.196	0	%100
165	M123	X	-.029	-.029	0	%100
166	M123	Z	.051	.051	0	%100
167	M124	X	-.408	-.408	0	%100
168	M124	Z	.707	.707	0	%100
169	M125	X	-.029	-.029	0	%100
170	M125	Z	.051	.051	0	%100
171	M126	X	-.408	-.408	0	%100
172	M126	Z	.707	.707	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-3.156	-3.156	0	%100
2	M1	Z	1.822	1.822	0	%100
3	M2	X	-1.578	-1.578	0	%100
4	M2	Z	.911	.911	0	%100
5	M3	X	-5.05	-5.05	0	%100
6	M3	Z	2.915	2.915	0	%100
7	M4	X	-5.772	-5.772	0	%100
8	M4	Z	3.332	3.332	0	%100
9	M5	X	-5.772	-5.772	0	%100
10	M5	Z	3.332	3.332	0	%100
11	M6	X	-5.772	-5.772	0	%100
12	M6	Z	3.332	3.332	0	%100
13	M7	X	-1.504	-1.504	0	%100
14	M7	Z	.868	.868	0	%100
15	M8	X	-1.504	-1.504	0	%100
16	M8	Z	.868	.868	0	%100
17	M9	X	-4.302	-4.302	0	%100
18	M9	Z	2.484	2.484	0	%100
19	M10	X	-4.302	-4.302	0	%100
20	M10	Z	2.484	2.484	0	%100
21	M11	X	-9.468	-9.468	0	%100
22	M11	Z	5.466	5.466	0	%100
23	M12	X	-4.734	-4.734	0	%100
24	M12	Z	2.733	2.733	0	%100
25	M13	X	-15.149	-15.149	0	%100
26	M13	Z	8.746	8.746	0	%100
27	M14	X	-5.772	-5.772	0	%100
28	M14	Z	3.332	3.332	0	%100
29	M15	X	-5.772	-5.772	0	%100
30	M15	Z	3.332	3.332	0	%100
31	M16	X	-5.772	-5.772	0	%100
32	M16	Z	3.332	3.332	0	%100
33	M17	X	-4.512	-4.512	0	%100
34	M17	Z	2.605	2.605	0	%100
35	M18	X	-4.512	-4.512	0	%100
36	M18	Z	2.605	2.605	0	%100
37	M19	X	-5.642	-5.642	0	%100
38	M19	Z	3.257	3.257	0	%100
39	M20	X	-5.642	-5.642	0	%100
40	M20	Z	3.257	3.257	0	%100
41	M21	X	-3.156	-3.156	0	%100
42	M21	Z	1.822	1.822	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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, %]
43	M22	X	-1.578	-1.578	0 %100
44	M22	Z	.911	.911	0 %100
45	M23	X	-5.05	-5.05	0 %100
46	M23	Z	2.915	2.915	0 %100
47	M24	X	-5.772	-5.772	0 %100
48	M24	Z	3.332	3.332	0 %100
49	M25	X	-5.772	-5.772	0 %100
50	M25	Z	3.332	3.332	0 %100
51	M26	X	-5.772	-5.772	0 %100
52	M26	Z	3.332	3.332	0 %100
53	M27	X	-1.504	-1.504	0 %100
54	M27	Z	.868	.868	0 %100
55	M28	X	-1.504	-1.504	0 %100
56	M28	Z	.868	.868	0 %100
57	M29	X	-4.302	-4.302	0 %100
58	M29	Z	2.484	2.484	0 %100
59	M30	X	-4.302	-4.302	0 %100
60	M30	Z	2.484	2.484	0 %100
61	M31	X	-9.468	-9.468	0 %100
62	M31	Z	5.466	5.466	0 %100
63	M32	X	-4.734	-4.734	0 %100
64	M32	Z	2.733	2.733	0 %100
65	M33	X	-15.149	-15.149	0 %100
66	M33	Z	8.746	8.746	0 %100
67	M34	X	-5.772	-5.772	0 %100
68	M34	Z	3.332	3.332	0 %100
69	M35	X	-5.772	-5.772	0 %100
70	M35	Z	3.332	3.332	0 %100
71	M36	X	-5.772	-5.772	0 %100
72	M36	Z	3.332	3.332	0 %100
73	M37	X	-4.512	-4.512	0 %100
74	M37	Z	2.605	2.605	0 %100
75	M38	X	-4.512	-4.512	0 %100
76	M38	Z	2.605	2.605	0 %100
77	M39	X	-5.642	-5.642	0 %100
78	M39	Z	3.257	3.257	0 %100
79	M40	X	-5.642	-5.642	0 %100
80	M40	Z	3.257	3.257	0 %100
81	M44	X	-.846	-.846	0 %100
82	M44	Z	.488	.488	0 %100
83	M51	X	-6.677	-6.677	0 %100
84	M51	Z	3.855	3.855	0 %100
85	M52	X	-6.677	-6.677	0 %100
86	M52	Z	3.855	3.855	0 %100
87	M53	X	-6.677	-6.677	0 %100
88	M53	Z	3.855	3.855	0 %100
89	M54	X	-3.787	-3.787	0 %100
90	M54	Z	2.187	2.187	0 %100
91	M92	X	-7.196	-7.196	0 %100
92	M92	Z	4.154	4.154	0 %100
93	M92A	X	-7.196	-7.196	0 %100
94	M92A	Z	4.154	4.154	0 %100
95	M94	X	-2.226	-2.226	0 %100
96	M94	Z	1.285	1.285	0 %100
97	M95	X	-2.226	-2.226	0 %100
98	M95	Z	1.285	1.285	0 %100
99	M96	X	-2.226	-2.226	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
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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, %]
100	M96	Z	1.285	1.285	0 %100
101	M97	X	-11.362	-11.362	0 %100
102	M97	Z	6.56	6.56	0 %100
103	M98	X	-6.677	-6.677	0 %100
104	M98	Z	3.855	3.855	0 %100
105	M99	X	-6.677	-6.677	0 %100
106	M99	Z	3.855	3.855	0 %100
107	M100	X	-6.677	-6.677	0 %100
108	M100	Z	3.855	3.855	0 %100
109	M101	X	-3.787	-3.787	0 %100
110	M101	Z	2.187	2.187	0 %100
111	M102	X	-2.226	-2.226	0 %100
112	M102	Z	1.285	1.285	0 %100
113	M103	X	-2.226	-2.226	0 %100
114	M103	Z	1.285	1.285	0 %100
115	M104	X	-2.226	-2.226	0 %100
116	M104	Z	1.285	1.285	0 %100
117	M105	X	-11.362	-11.362	0 %100
118	M105	Z	6.56	6.56	0 %100
119	M74	X	-11.778	-11.778	0 %100
120	M74	Z	6.8	6.8	0 %100
121	M75	X	-.846	-.846	0 %100
122	M75	Z	.488	.488	0 %100
123	M76	X	-11.778	-11.778	0 %100
124	M76	Z	6.8	6.8	0 %100
125	M78	X	-16.159	-16.159	0 %100
126	M78	Z	9.329	9.329	0 %100
127	M79	X	-12.369	-12.369	0 %100
128	M79	Z	7.141	7.141	0 %100
129	M80	X	-16.159	-16.159	0 %100
130	M80	Z	9.329	9.329	0 %100
131	M81	X	-12.369	-12.369	0 %100
132	M81	Z	7.141	7.141	0 %100
133	M91	X	-7.196	-7.196	0 %100
134	M91	Z	4.154	4.154	0 %100
135	M92B	X	-7.196	-7.196	0 %100
136	M92B	Z	4.154	4.154	0 %100
137	M93B	X	-7.196	-7.196	0 %100
138	M93B	Z	4.154	4.154	0 %100
139	M94A	X	-7.196	-7.196	0 %100
140	M94A	Z	4.154	4.154	0 %100
141	MP4C	X	-8.711	-8.711	0 %100
142	MP4C	Z	5.029	5.029	0 %100
143	MP3C	X	-7.196	-7.196	0 %100
144	MP3C	Z	4.154	4.154	0 %100
145	MP2C	X	-7.196	-7.196	0 %100
146	MP2C	Z	4.154	4.154	0 %100
147	MP1C	X	-7.196	-7.196	0 %100
148	MP1C	Z	4.154	4.154	0 %100
149	MP4B	X	-8.711	-8.711	0 %100
150	MP4B	Z	5.029	5.029	0 %100
151	MP3B	X	-7.196	-7.196	0 %100
152	MP3B	Z	4.154	4.154	0 %100
153	MP2B	X	-7.196	-7.196	0 %100
154	MP2B	Z	4.154	4.154	0 %100
155	MP1B	X	-7.196	-7.196	0 %100
156	MP1B	Z	4.154	4.154	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
157	MP4A	X	-8.711	-8.711	0	%100
158	MP4A	Z	5.029	5.029	0	%100
159	MP3A	X	-7.196	-7.196	0	%100
160	MP3A	Z	4.154	4.154	0	%100
161	MP2A	X	-7.196	-7.196	0	%100
162	MP2A	Z	4.154	4.154	0	%100
163	MP1A	X	-7.196	-7.196	0	%100
164	MP1A	Z	4.154	4.154	0	%100
165	M123	X	-.051	-.051	0	%100
166	M123	Z	.029	.029	0	%100
167	M124	X	-.707	-.707	0	%100
168	M124	Z	.408	.408	0	%100
169	M125	X	-.051	-.051	0	%100
170	M125	Z	.029	.029	0	%100
171	M126	X	-.707	-.707	0	%100
172	M126	Z	.408	.408	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-6.665	-6.665	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-6.665	-6.665	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-6.665	-6.665	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-4.194	-4.194	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	-4.194	-4.194	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	-14.577	-14.577	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	-7.289	-7.289	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	-23.323	-23.323	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	-6.665	-6.665	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	-6.665	-6.665	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	-6.665	-6.665	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	-6.946	-6.946	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	-6.946	-6.946	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	-7.289	-7.289	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, %]
38	M19	Z	0	0	0 %100
39	M20	X	-7.289	-7.289	0 %100
40	M20	Z	0	0	0 %100
41	M21	X	0	0	0 %100
42	M21	Z	0	0	0 %100
43	M22	X	0	0	0 %100
44	M22	Z	0	0	0 %100
45	M23	X	0	0	0 %100
46	M23	Z	0	0	0 %100
47	M24	X	-6.665	-6.665	0 %100
48	M24	Z	0	0	0 %100
49	M25	X	-6.665	-6.665	0 %100
50	M25	Z	0	0	0 %100
51	M26	X	-6.665	-6.665	0 %100
52	M26	Z	0	0	0 %100
53	M27	X	0	0	0 %100
54	M27	Z	0	0	0 %100
55	M28	X	0	0	0 %100
56	M28	Z	0	0	0 %100
57	M29	X	-4.194	-4.194	0 %100
58	M29	Z	0	0	0 %100
59	M30	X	-4.194	-4.194	0 %100
60	M30	Z	0	0	0 %100
61	M31	X	-14.577	-14.577	0 %100
62	M31	Z	0	0	0 %100
63	M32	X	-7.289	-7.289	0 %100
64	M32	Z	0	0	0 %100
65	M33	X	-23.323	-23.323	0 %100
66	M33	Z	0	0	0 %100
67	M34	X	-6.665	-6.665	0 %100
68	M34	Z	0	0	0 %100
69	M35	X	-6.665	-6.665	0 %100
70	M35	Z	0	0	0 %100
71	M36	X	-6.665	-6.665	0 %100
72	M36	Z	0	0	0 %100
73	M37	X	-6.946	-6.946	0 %100
74	M37	Z	0	0	0 %100
75	M38	X	-6.946	-6.946	0 %100
76	M38	Z	0	0	0 %100
77	M39	X	-7.289	-7.289	0 %100
78	M39	Z	0	0	0 %100
79	M40	X	-7.289	-7.289	0 %100
80	M40	Z	0	0	0 %100
81	M44	X	-7.289	-7.289	0 %100
82	M44	Z	0	0	0 %100
83	M51	X	-10.28	-10.28	0 %100
84	M51	Z	0	0	0 %100
85	M52	X	-10.28	-10.28	0 %100
86	M52	Z	0	0	0 %100
87	M53	X	-10.28	-10.28	0 %100
88	M53	Z	0	0	0 %100
89	M54	X	0	0	0 %100
90	M54	Z	0	0	0 %100
91	M92	X	-8.309	-8.309	0 %100
92	M92	Z	0	0	0 %100
93	M92A	X	-8.309	-8.309	0 %100
94	M92A	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, %]
95	M94	X	0	0	0	%100
96	M94	Z	0	0	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	0	0	0	%100
101	M97	X	-17.493	-17.493	0	%100
102	M97	Z	0	0	0	%100
103	M98	X	-10.28	-10.28	0	%100
104	M98	Z	0	0	0	%100
105	M99	X	-10.28	-10.28	0	%100
106	M99	Z	0	0	0	%100
107	M100	X	-10.28	-10.28	0	%100
108	M100	Z	0	0	0	%100
109	M101	X	0	0	0	%100
110	M101	Z	0	0	0	%100
111	M102	X	0	0	0	%100
112	M102	Z	0	0	0	%100
113	M103	X	0	0	0	%100
114	M103	Z	0	0	0	%100
115	M104	X	0	0	0	%100
116	M104	Z	0	0	0	%100
117	M105	X	-17.493	-17.493	0	%100
118	M105	Z	0	0	0	%100
119	M74	X	-7.289	-7.289	0	%100
120	M74	Z	0	0	0	%100
121	M75	X	-7.289	-7.289	0	%100
122	M75	Z	0	0	0	%100
123	M76	X	-7.289	-7.289	0	%100
124	M76	Z	0	0	0	%100
125	M78	X	-16.47	-16.47	0	%100
126	M78	Z	0	0	0	%100
127	M79	X	-16.47	-16.47	0	%100
128	M79	Z	0	0	0	%100
129	M80	X	-16.47	-16.47	0	%100
130	M80	Z	0	0	0	%100
131	M81	X	-16.47	-16.47	0	%100
132	M81	Z	0	0	0	%100
133	M91	X	-8.309	-8.309	0	%100
134	M91	Z	0	0	0	%100
135	M92B	X	-8.309	-8.309	0	%100
136	M92B	Z	0	0	0	%100
137	M93B	X	-8.309	-8.309	0	%100
138	M93B	Z	0	0	0	%100
139	M94A	X	-8.309	-8.309	0	%100
140	M94A	Z	0	0	0	%100
141	MP4C	X	-10.058	-10.058	0	%100
142	MP4C	Z	0	0	0	%100
143	MP3C	X	-8.309	-8.309	0	%100
144	MP3C	Z	0	0	0	%100
145	MP2C	X	-8.309	-8.309	0	%100
146	MP2C	Z	0	0	0	%100
147	MP1C	X	-8.309	-8.309	0	%100
148	MP1C	Z	0	0	0	%100
149	MP4B	X	-10.058	-10.058	0	%100
150	MP4B	Z	0	0	0	%100
151	MP3B	X	-8.309	-8.309	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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.%]
152	MP3B	Z	0	0	0	%100
153	MP2B	X	-8.309	-8.309	0	%100
154	MP2B	Z	0	0	0	%100
155	MP1B	X	-8.309	-8.309	0	%100
156	MP1B	Z	0	0	0	%100
157	MP4A	X	-10.058	-10.058	0	%100
158	MP4A	Z	0	0	0	%100
159	MP3A	X	-8.309	-8.309	0	%100
160	MP3A	Z	0	0	0	%100
161	MP2A	X	-8.309	-8.309	0	%100
162	MP2A	Z	0	0	0	%100
163	MP1A	X	-8.309	-8.309	0	%100
164	MP1A	Z	0	0	0	%100
165	M123	X	-.437	-.437	0	%100
166	M123	Z	0	0	0	%100
167	M124	X	-.437	-.437	0	%100
168	M124	Z	0	0	0	%100
169	M125	X	-.437	-.437	0	%100
170	M125	Z	0	0	0	%100
171	M126	X	-.437	-.437	0	%100
172	M126	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-3.156	-3.156	0	%100
2	M1	Z	-1.822	-1.822	0	%100
3	M2	X	-1.578	-1.578	0	%100
4	M2	Z	-.911	-.911	0	%100
5	M3	X	-5.05	-5.05	0	%100
6	M3	Z	-2.915	-2.915	0	%100
7	M4	X	-5.772	-5.772	0	%100
8	M4	Z	-3.332	-3.332	0	%100
9	M5	X	-5.772	-5.772	0	%100
10	M5	Z	-3.332	-3.332	0	%100
11	M6	X	-5.772	-5.772	0	%100
12	M6	Z	-3.332	-3.332	0	%100
13	M7	X	-1.504	-1.504	0	%100
14	M7	Z	-.868	-.868	0	%100
15	M8	X	-1.504	-1.504	0	%100
16	M8	Z	-.868	-.868	0	%100
17	M9	X	-4.302	-4.302	0	%100
18	M9	Z	-2.484	-2.484	0	%100
19	M10	X	-4.302	-4.302	0	%100
20	M10	Z	-2.484	-2.484	0	%100
21	M11	X	-9.468	-9.468	0	%100
22	M11	Z	-5.466	-5.466	0	%100
23	M12	X	-4.734	-4.734	0	%100
24	M12	Z	-2.733	-2.733	0	%100
25	M13	X	-15.149	-15.149	0	%100
26	M13	Z	-8.746	-8.746	0	%100
27	M14	X	-5.772	-5.772	0	%100
28	M14	Z	-3.332	-3.332	0	%100
29	M15	X	-5.772	-5.772	0	%100
30	M15	Z	-3.332	-3.332	0	%100
31	M16	X	-5.772	-5.772	0	%100
32	M16	Z	-3.332	-3.332	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
33	M17	X	-4.512	-4.512	0 %100
34	M17	Z	-2.605	-2.605	0 %100
35	M18	X	-4.512	-4.512	0 %100
36	M18	Z	-2.605	-2.605	0 %100
37	M19	X	-5.642	-5.642	0 %100
38	M19	Z	-3.257	-3.257	0 %100
39	M20	X	-5.642	-5.642	0 %100
40	M20	Z	-3.257	-3.257	0 %100
41	M21	X	-3.156	-3.156	0 %100
42	M21	Z	-1.822	-1.822	0 %100
43	M22	X	-1.578	-1.578	0 %100
44	M22	Z	-.911	-.911	0 %100
45	M23	X	-5.05	-5.05	0 %100
46	M23	Z	-2.915	-2.915	0 %100
47	M24	X	-5.772	-5.772	0 %100
48	M24	Z	-3.332	-3.332	0 %100
49	M25	X	-5.772	-5.772	0 %100
50	M25	Z	-3.332	-3.332	0 %100
51	M26	X	-5.772	-5.772	0 %100
52	M26	Z	-3.332	-3.332	0 %100
53	M27	X	-1.504	-1.504	0 %100
54	M27	Z	-.868	-.868	0 %100
55	M28	X	-1.504	-1.504	0 %100
56	M28	Z	-.868	-.868	0 %100
57	M29	X	-4.302	-4.302	0 %100
58	M29	Z	-2.484	-2.484	0 %100
59	M30	X	-4.302	-4.302	0 %100
60	M30	Z	-2.484	-2.484	0 %100
61	M31	X	-9.468	-9.468	0 %100
62	M31	Z	-5.466	-5.466	0 %100
63	M32	X	-4.734	-4.734	0 %100
64	M32	Z	-2.733	-2.733	0 %100
65	M33	X	-15.149	-15.149	0 %100
66	M33	Z	-8.746	-8.746	0 %100
67	M34	X	-5.772	-5.772	0 %100
68	M34	Z	-3.332	-3.332	0 %100
69	M35	X	-5.772	-5.772	0 %100
70	M35	Z	-3.332	-3.332	0 %100
71	M36	X	-5.772	-5.772	0 %100
72	M36	Z	-3.332	-3.332	0 %100
73	M37	X	-4.512	-4.512	0 %100
74	M37	Z	-2.605	-2.605	0 %100
75	M38	X	-4.512	-4.512	0 %100
76	M38	Z	-2.605	-2.605	0 %100
77	M39	X	-5.642	-5.642	0 %100
78	M39	Z	-3.257	-3.257	0 %100
79	M40	X	-5.642	-5.642	0 %100
80	M40	Z	-3.257	-3.257	0 %100
81	M44	X	-11.778	-11.778	0 %100
82	M44	Z	-6.8	-6.8	0 %100
83	M51	X	-6.677	-6.677	0 %100
84	M51	Z	-3.855	-3.855	0 %100
85	M52	X	-6.677	-6.677	0 %100
86	M52	Z	-3.855	-3.855	0 %100
87	M53	X	-6.677	-6.677	0 %100
88	M53	Z	-3.855	-3.855	0 %100
89	M54	X	-3.787	-3.787	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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, %]
90	M54	Z	-2.187	-2.187	0 %100
91	M92	X	-7.196	-7.196	0 %100
92	M92	Z	-4.154	-4.154	0 %100
93	M92A	X	-7.196	-7.196	0 %100
94	M92A	Z	-4.154	-4.154	0 %100
95	M94	X	-2.226	-2.226	0 %100
96	M94	Z	-1.285	-1.285	0 %100
97	M95	X	-2.226	-2.226	0 %100
98	M95	Z	-1.285	-1.285	0 %100
99	M96	X	-2.226	-2.226	0 %100
100	M96	Z	-1.285	-1.285	0 %100
101	M97	X	-11.362	-11.362	0 %100
102	M97	Z	-6.56	-6.56	0 %100
103	M98	X	-6.677	-6.677	0 %100
104	M98	Z	-3.855	-3.855	0 %100
105	M99	X	-6.677	-6.677	0 %100
106	M99	Z	-3.855	-3.855	0 %100
107	M100	X	-6.677	-6.677	0 %100
108	M100	Z	-3.855	-3.855	0 %100
109	M101	X	-3.787	-3.787	0 %100
110	M101	Z	-2.187	-2.187	0 %100
111	M102	X	-2.226	-2.226	0 %100
112	M102	Z	-1.285	-1.285	0 %100
113	M103	X	-2.226	-2.226	0 %100
114	M103	Z	-1.285	-1.285	0 %100
115	M104	X	-2.226	-2.226	0 %100
116	M104	Z	-1.285	-1.285	0 %100
117	M105	X	-11.362	-11.362	0 %100
118	M105	Z	-6.56	-6.56	0 %100
119	M74	X	-846	-846	0 %100
120	M74	Z	-488	-488	0 %100
121	M75	X	-11.778	-11.778	0 %100
122	M75	Z	-6.8	-6.8	0 %100
123	M76	X	-846	-846	0 %100
124	M76	Z	-488	-488	0 %100
125	M78	X	-12.369	-12.369	0 %100
126	M78	Z	-7.141	-7.141	0 %100
127	M79	X	-16.159	-16.159	0 %100
128	M79	Z	-9.329	-9.329	0 %100
129	M80	X	-12.369	-12.369	0 %100
130	M80	Z	-7.141	-7.141	0 %100
131	M81	X	-16.159	-16.159	0 %100
132	M81	Z	-9.329	-9.329	0 %100
133	M91	X	-7.196	-7.196	0 %100
134	M91	Z	-4.154	-4.154	0 %100
135	M92B	X	-7.196	-7.196	0 %100
136	M92B	Z	-4.154	-4.154	0 %100
137	M93B	X	-7.196	-7.196	0 %100
138	M93B	Z	-4.154	-4.154	0 %100
139	M94A	X	-7.196	-7.196	0 %100
140	M94A	Z	-4.154	-4.154	0 %100
141	MP4C	X	-8.711	-8.711	0 %100
142	MP4C	Z	-5.029	-5.029	0 %100
143	MP3C	X	-7.196	-7.196	0 %100
144	MP3C	Z	-4.154	-4.154	0 %100
145	MP2C	X	-7.196	-7.196	0 %100
146	MP2C	Z	-4.154	-4.154	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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.%,]
147	MP1C	X	-7.196	-7.196	0	%100
148	MP1C	Z	-4.154	-4.154	0	%100
149	MP4B	X	-8.711	-8.711	0	%100
150	MP4B	Z	-5.029	-5.029	0	%100
151	MP3B	X	-7.196	-7.196	0	%100
152	MP3B	Z	-4.154	-4.154	0	%100
153	MP2B	X	-7.196	-7.196	0	%100
154	MP2B	Z	-4.154	-4.154	0	%100
155	MP1B	X	-7.196	-7.196	0	%100
156	MP1B	Z	-4.154	-4.154	0	%100
157	MP4A	X	-8.711	-8.711	0	%100
158	MP4A	Z	-5.029	-5.029	0	%100
159	MP3A	X	-7.196	-7.196	0	%100
160	MP3A	Z	-4.154	-4.154	0	%100
161	MP2A	X	-7.196	-7.196	0	%100
162	MP2A	Z	-4.154	-4.154	0	%100
163	MP1A	X	-7.196	-7.196	0	%100
164	MP1A	Z	-4.154	-4.154	0	%100
165	M123	X	-7.07	-7.07	0	%100
166	M123	Z	-4.08	-4.08	0	%100
167	M124	X	-0.051	-0.051	0	%100
168	M124	Z	-0.029	-0.029	0	%100
169	M125	X	-7.07	-7.07	0	%100
170	M125	Z	-4.08	-4.08	0	%100
171	M126	X	-0.051	-0.051	0	%100
172	M126	Z	-0.029	-0.029	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	-5.466	-5.466	0	%100
2	M1	Z	-9.468	-9.468	0	%100
3	M2	X	-2.733	-2.733	0	%100
4	M2	Z	-4.734	-4.734	0	%100
5	M3	X	-8.746	-8.746	0	%100
6	M3	Z	-15.149	-15.149	0	%100
7	M4	X	-3.332	-3.332	0	%100
8	M4	Z	-5.772	-5.772	0	%100
9	M5	X	-3.332	-3.332	0	%100
10	M5	Z	-5.772	-5.772	0	%100
11	M6	X	-3.332	-3.332	0	%100
12	M6	Z	-5.772	-5.772	0	%100
13	M7	X	-2.605	-2.605	0	%100
14	M7	Z	-4.512	-4.512	0	%100
15	M8	X	-2.605	-2.605	0	%100
16	M8	Z	-4.512	-4.512	0	%100
17	M9	X	-3.257	-3.257	0	%100
18	M9	Z	-5.642	-5.642	0	%100
19	M10	X	-3.257	-3.257	0	%100
20	M10	Z	-5.642	-5.642	0	%100
21	M11	X	-1.822	-1.822	0	%100
22	M11	Z	-3.156	-3.156	0	%100
23	M12	X	-0.911	-0.911	0	%100
24	M12	Z	-1.578	-1.578	0	%100
25	M13	X	-2.915	-2.915	0	%100
26	M13	Z	-5.05	-5.05	0	%100
27	M14	X	-3.332	-3.332	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.%]
28	M14	Z	-5.772	-5.772	0 %100
29	M15	X	-3.332	-3.332	0 %100
30	M15	Z	-5.772	-5.772	0 %100
31	M16	X	-3.332	-3.332	0 %100
32	M16	Z	-5.772	-5.772	0 %100
33	M17	X	-.868	-.868	0 %100
34	M17	Z	-1.504	-1.504	0 %100
35	M18	X	-.868	-.868	0 %100
36	M18	Z	-1.504	-1.504	0 %100
37	M19	X	-2.484	-2.484	0 %100
38	M19	Z	-4.302	-4.302	0 %100
39	M20	X	-2.484	-2.484	0 %100
40	M20	Z	-4.302	-4.302	0 %100
41	M21	X	-5.466	-5.466	0 %100
42	M21	Z	-9.468	-9.468	0 %100
43	M22	X	-2.733	-2.733	0 %100
44	M22	Z	-4.734	-4.734	0 %100
45	M23	X	-8.746	-8.746	0 %100
46	M23	Z	-15.149	-15.149	0 %100
47	M24	X	-3.332	-3.332	0 %100
48	M24	Z	-5.772	-5.772	0 %100
49	M25	X	-3.332	-3.332	0 %100
50	M25	Z	-5.772	-5.772	0 %100
51	M26	X	-3.332	-3.332	0 %100
52	M26	Z	-5.772	-5.772	0 %100
53	M27	X	-2.605	-2.605	0 %100
54	M27	Z	-4.512	-4.512	0 %100
55	M28	X	-2.605	-2.605	0 %100
56	M28	Z	-4.512	-4.512	0 %100
57	M29	X	-3.257	-3.257	0 %100
58	M29	Z	-5.642	-5.642	0 %100
59	M30	X	-3.257	-3.257	0 %100
60	M30	Z	-5.642	-5.642	0 %100
61	M31	X	-1.822	-1.822	0 %100
62	M31	Z	-3.156	-3.156	0 %100
63	M32	X	-.911	-.911	0 %100
64	M32	Z	-1.578	-1.578	0 %100
65	M33	X	-2.915	-2.915	0 %100
66	M33	Z	-5.05	-5.05	0 %100
67	M34	X	-3.332	-3.332	0 %100
68	M34	Z	-5.772	-5.772	0 %100
69	M35	X	-3.332	-3.332	0 %100
70	M35	Z	-5.772	-5.772	0 %100
71	M36	X	-3.332	-3.332	0 %100
72	M36	Z	-5.772	-5.772	0 %100
73	M37	X	-.868	-.868	0 %100
74	M37	Z	-1.504	-1.504	0 %100
75	M38	X	-.868	-.868	0 %100
76	M38	Z	-1.504	-1.504	0 %100
77	M39	X	-2.484	-2.484	0 %100
78	M39	Z	-4.302	-4.302	0 %100
79	M40	X	-2.484	-2.484	0 %100
80	M40	Z	-4.302	-4.302	0 %100
81	M44	X	-6.8	-6.8	0 %100
82	M44	Z	-11.778	-11.778	0 %100
83	M51	X	-1.285	-1.285	0 %100
84	M51	Z	-2.226	-2.226	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
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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, %]
85	M52	X	-1.285	-1.285	0 %100
86	M52	Z	-2.226	-2.226	0 %100
87	M53	X	-1.285	-1.285	0 %100
88	M53	Z	-2.226	-2.226	0 %100
89	M54	X	-6.56	-6.56	0 %100
90	M54	Z	-11.362	-11.362	0 %100
91	M92	X	-4.154	-4.154	0 %100
92	M92	Z	-7.196	-7.196	0 %100
93	M92A	X	-4.154	-4.154	0 %100
94	M92A	Z	-7.196	-7.196	0 %100
95	M94	X	-3.855	-3.855	0 %100
96	M94	Z	-6.677	-6.677	0 %100
97	M95	X	-3.855	-3.855	0 %100
98	M95	Z	-6.677	-6.677	0 %100
99	M96	X	-3.855	-3.855	0 %100
100	M96	Z	-6.677	-6.677	0 %100
101	M97	X	-2.187	-2.187	0 %100
102	M97	Z	-3.787	-3.787	0 %100
103	M98	X	-1.285	-1.285	0 %100
104	M98	Z	-2.226	-2.226	0 %100
105	M99	X	-1.285	-1.285	0 %100
106	M99	Z	-2.226	-2.226	0 %100
107	M100	X	-1.285	-1.285	0 %100
108	M100	Z	-2.226	-2.226	0 %100
109	M101	X	-6.56	-6.56	0 %100
110	M101	Z	-11.362	-11.362	0 %100
111	M102	X	-3.855	-3.855	0 %100
112	M102	Z	-6.677	-6.677	0 %100
113	M103	X	-3.855	-3.855	0 %100
114	M103	Z	-6.677	-6.677	0 %100
115	M104	X	-3.855	-3.855	0 %100
116	M104	Z	-6.677	-6.677	0 %100
117	M105	X	-2.187	-2.187	0 %100
118	M105	Z	-3.787	-3.787	0 %100
119	M74	X	-.488	-.488	0 %100
120	M74	Z	-.846	-.846	0 %100
121	M75	X	-6.8	-6.8	0 %100
122	M75	Z	-11.778	-11.778	0 %100
123	M76	X	-.488	-.488	0 %100
124	M76	Z	-.846	-.846	0 %100
125	M78	X	-7.141	-7.141	0 %100
126	M78	Z	-12.369	-12.369	0 %100
127	M79	X	-9.329	-9.329	0 %100
128	M79	Z	-16.159	-16.159	0 %100
129	M80	X	-7.141	-7.141	0 %100
130	M80	Z	-12.369	-12.369	0 %100
131	M81	X	-9.329	-9.329	0 %100
132	M81	Z	-16.159	-16.159	0 %100
133	M91	X	-4.154	-4.154	0 %100
134	M91	Z	-7.196	-7.196	0 %100
135	M92B	X	-4.154	-4.154	0 %100
136	M92B	Z	-7.196	-7.196	0 %100
137	M93B	X	-4.154	-4.154	0 %100
138	M93B	Z	-7.196	-7.196	0 %100
139	M94A	X	-4.154	-4.154	0 %100
140	M94A	Z	-7.196	-7.196	0 %100
141	MP4C	X	-5.029	-5.029	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.%,]
142	MP4C	Z	-8.711	-8.711	0	%100
143	MP3C	X	-4.154	-4.154	0	%100
144	MP3C	Z	-7.196	-7.196	0	%100
145	MP2C	X	-4.154	-4.154	0	%100
146	MP2C	Z	-7.196	-7.196	0	%100
147	MP1C	X	-4.154	-4.154	0	%100
148	MP1C	Z	-7.196	-7.196	0	%100
149	MP4B	X	-5.029	-5.029	0	%100
150	MP4B	Z	-8.711	-8.711	0	%100
151	MP3B	X	-4.154	-4.154	0	%100
152	MP3B	Z	-7.196	-7.196	0	%100
153	MP2B	X	-4.154	-4.154	0	%100
154	MP2B	Z	-7.196	-7.196	0	%100
155	MP1B	X	-4.154	-4.154	0	%100
156	MP1B	Z	-7.196	-7.196	0	%100
157	MP4A	X	-5.029	-5.029	0	%100
158	MP4A	Z	-8.711	-8.711	0	%100
159	MP3A	X	-4.154	-4.154	0	%100
160	MP3A	Z	-7.196	-7.196	0	%100
161	MP2A	X	-4.154	-4.154	0	%100
162	MP2A	Z	-7.196	-7.196	0	%100
163	MP1A	X	-4.154	-4.154	0	%100
164	MP1A	Z	-7.196	-7.196	0	%100
165	M123	X	-.408	-.408	0	%100
166	M123	Z	-.707	-.707	0	%100
167	M124	X	-.029	-.029	0	%100
168	M124	Z	-.051	-.051	0	%100
169	M125	X	-.408	-.408	0	%100
170	M125	Z	-.707	-.707	0	%100
171	M126	X	-.029	-.029	0	%100
172	M126	Z	-.051	-.051	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	0	0	0	%100
2	M1	Z	-3.814	-3.814	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-2.59	-2.59	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-5.283	-5.283	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-2.277	-2.277	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-2.277	-2.277	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-2.277	-2.277	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-2.378	-2.378	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-2.378	-2.378	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-2.517	-2.517	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	-2.517	-2.517	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
23	M12	X	0	0	%100
24	M12	Z	0	0	%100
25	M13	X	0	0	%100
26	M13	Z	0	0	%100
27	M14	X	0	0	%100
28	M14	Z	-2.277	-2.277	%100
29	M15	X	0	0	%100
30	M15	Z	-2.277	-2.277	%100
31	M16	X	0	0	%100
32	M16	Z	-2.277	-2.277	%100
33	M17	X	0	0	%100
34	M17	Z	0	0	%100
35	M18	X	0	0	%100
36	M18	Z	0	0	%100
37	M19	X	0	0	%100
38	M19	Z	-1.448	-1.448	%100
39	M20	X	0	0	%100
40	M20	Z	-1.448	-1.448	%100
41	M21	X	0	0	%100
42	M21	Z	-3.814	-3.814	%100
43	M22	X	0	0	%100
44	M22	Z	-2.59	-2.59	%100
45	M23	X	0	0	%100
46	M23	Z	-5.283	-5.283	%100
47	M24	X	0	0	%100
48	M24	Z	-2.277	-2.277	%100
49	M25	X	0	0	%100
50	M25	Z	-2.277	-2.277	%100
51	M26	X	0	0	%100
52	M26	Z	-2.277	-2.277	%100
53	M27	X	0	0	%100
54	M27	Z	-2.378	-2.378	%100
55	M28	X	0	0	%100
56	M28	Z	-2.378	-2.378	%100
57	M29	X	0	0	%100
58	M29	Z	-2.517	-2.517	%100
59	M30	X	0	0	%100
60	M30	Z	-2.517	-2.517	%100
61	M31	X	0	0	%100
62	M31	Z	0	0	%100
63	M32	X	0	0	%100
64	M32	Z	0	0	%100
65	M33	X	0	0	%100
66	M33	Z	0	0	%100
67	M34	X	0	0	%100
68	M34	Z	-2.277	-2.277	%100
69	M35	X	0	0	%100
70	M35	Z	-2.277	-2.277	%100
71	M36	X	0	0	%100
72	M36	Z	-2.277	-2.277	%100
73	M37	X	0	0	%100
74	M37	Z	0	0	%100
75	M38	X	0	0	%100
76	M38	Z	0	0	%100
77	M39	X	0	0	%100
78	M39	Z	-1.448	-1.448	%100
79	M40	X	0	0	%100



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 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
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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.%]
80	M40	Z	-1.448	-1.448	0 %100
81	M44	X	0	0	0 %100
82	M44	Z	-1.907	-1.907	0 %100
83	M51	X	0	0	0 %100
84	M51	Z	0	0	0 %100
85	M52	X	0	0	0 %100
86	M52	Z	0	0	0 %100
87	M53	X	0	0	0 %100
88	M53	Z	0	0	0 %100
89	M54	X	0	0	0 %100
90	M54	Z	-4.304	-4.304	0 %100
91	M92	X	0	0	0 %100
92	M92	Z	-2.761	-2.761	0 %100
93	M92A	X	0	0	0 %100
94	M92A	Z	-2.761	-2.761	0 %100
95	M94	X	0	0	0 %100
96	M94	Z	-2.849	-2.849	0 %100
97	M95	X	0	0	0 %100
98	M95	Z	-2.849	-2.849	0 %100
99	M96	X	0	0	0 %100
100	M96	Z	-2.849	-2.849	0 %100
101	M97	X	0	0	0 %100
102	M97	Z	0	0	0 %100
103	M98	X	0	0	0 %100
104	M98	Z	0	0	0 %100
105	M99	X	0	0	0 %100
106	M99	Z	0	0	0 %100
107	M100	X	0	0	0 %100
108	M100	Z	0	0	0 %100
109	M101	X	0	0	0 %100
110	M101	Z	-4.304	-4.304	0 %100
111	M102	X	0	0	0 %100
112	M102	Z	-2.849	-2.849	0 %100
113	M103	X	0	0	0 %100
114	M103	Z	-2.849	-2.849	0 %100
115	M104	X	0	0	0 %100
116	M104	Z	-2.849	-2.849	0 %100
117	M105	X	0	0	0 %100
118	M105	Z	0	0	0 %100
119	M74	X	0	0	0 %100
120	M74	Z	-1.907	-1.907	0 %100
121	M75	X	0	0	0 %100
122	M75	Z	-1.907	-1.907	0 %100
123	M76	X	0	0	0 %100
124	M76	Z	-1.907	-1.907	0 %100
125	M78	X	0	0	0 %100
126	M78	Z	-4.006	-4.006	0 %100
127	M79	X	0	0	0 %100
128	M79	Z	-4.006	-4.006	0 %100
129	M80	X	0	0	0 %100
130	M80	Z	-4.006	-4.006	0 %100
131	M81	X	0	0	0 %100
132	M81	Z	-4.006	-4.006	0 %100
133	M91	X	0	0	0 %100
134	M91	Z	-2.761	-2.761	0 %100
135	M92B	X	0	0	0 %100
136	M92B	Z	-2.761	-2.761	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, %]
137	M93B	X	0	0	0	%100
138	M93B	Z	-2.761	-2.761	0	%100
139	M94A	X	0	0	0	%100
140	M94A	Z	-2.761	-2.761	0	%100
141	MP4C	X	0	0	0	%100
142	MP4C	Z	-3.055	-3.055	0	%100
143	MP3C	X	0	0	0	%100
144	MP3C	Z	-2.761	-2.761	0	%100
145	MP2C	X	0	0	0	%100
146	MP2C	Z	-2.761	-2.761	0	%100
147	MP1C	X	0	0	0	%100
148	MP1C	Z	-2.761	-2.761	0	%100
149	MP4B	X	0	0	0	%100
150	MP4B	Z	-3.055	-3.055	0	%100
151	MP3B	X	0	0	0	%100
152	MP3B	Z	-2.761	-2.761	0	%100
153	MP2B	X	0	0	0	%100
154	MP2B	Z	-2.761	-2.761	0	%100
155	MP1B	X	0	0	0	%100
156	MP1B	Z	-2.761	-2.761	0	%100
157	MP4A	X	0	0	0	%100
158	MP4A	Z	-3.055	-3.055	0	%100
159	MP3A	X	0	0	0	%100
160	MP3A	Z	-2.761	-2.761	0	%100
161	MP2A	X	0	0	0	%100
162	MP2A	Z	-2.761	-2.761	0	%100
163	MP1A	X	0	0	0	%100
164	MP1A	Z	-2.761	-2.761	0	%100
165	M123	X	0	0	0	%100
166	M123	Z	-482	-482	0	%100
167	M124	X	0	0	0	%100
168	M124	Z	-482	-482	0	%100
169	M125	X	0	0	0	%100
170	M125	Z	-482	-482	0	%100
171	M126	X	0	0	0	%100
172	M126	Z	-482	-482	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	1.43	1.43	0	%100
2	M1	Z	-2.477	-2.477	0	%100
3	M2	X	.971	.971	0	%100
4	M2	Z	-1.682	-1.682	0	%100
5	M3	X	1.981	1.981	0	%100
6	M3	Z	-3.431	-3.431	0	%100
7	M4	X	1.139	1.139	0	%100
8	M4	Z	-1.972	-1.972	0	%100
9	M5	X	1.139	1.139	0	%100
10	M5	Z	-1.972	-1.972	0	%100
11	M6	X	1.139	1.139	0	%100
12	M6	Z	-1.972	-1.972	0	%100
13	M7	X	.892	.892	0	%100
14	M7	Z	-1.545	-1.545	0	%100
15	M8	X	.892	.892	0	%100
16	M8	Z	-1.545	-1.545	0	%100
17	M9	X	1.125	1.125	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
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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.%]
18	M9	Z	-1.948	-1.948	0 %100
19	M10	X	1.125	1.125	0 %100
20	M10	Z	-1.948	-1.948	0 %100
21	M11	X	.477	.477	0 %100
22	M11	Z	-.826	-.826	0 %100
23	M12	X	.324	.324	0 %100
24	M12	Z	-.561	-.561	0 %100
25	M13	X	.66	.66	0 %100
26	M13	Z	-1.144	-1.144	0 %100
27	M14	X	1.139	1.139	0 %100
28	M14	Z	-1.972	-1.972	0 %100
29	M15	X	1.139	1.139	0 %100
30	M15	Z	-1.972	-1.972	0 %100
31	M16	X	1.139	1.139	0 %100
32	M16	Z	-1.972	-1.972	0 %100
33	M17	X	.297	.297	0 %100
34	M17	Z	-.515	-.515	0 %100
35	M18	X	.297	.297	0 %100
36	M18	Z	-.515	-.515	0 %100
37	M19	X	.858	.858	0 %100
38	M19	Z	-1.486	-1.486	0 %100
39	M20	X	.858	.858	0 %100
40	M20	Z	-1.486	-1.486	0 %100
41	M21	X	1.43	1.43	0 %100
42	M21	Z	-2.477	-2.477	0 %100
43	M22	X	.971	.971	0 %100
44	M22	Z	-1.682	-1.682	0 %100
45	M23	X	1.981	1.981	0 %100
46	M23	Z	-3.431	-3.431	0 %100
47	M24	X	1.139	1.139	0 %100
48	M24	Z	-1.972	-1.972	0 %100
49	M25	X	1.139	1.139	0 %100
50	M25	Z	-1.972	-1.972	0 %100
51	M26	X	1.139	1.139	0 %100
52	M26	Z	-1.972	-1.972	0 %100
53	M27	X	.892	.892	0 %100
54	M27	Z	-1.545	-1.545	0 %100
55	M28	X	.892	.892	0 %100
56	M28	Z	-1.545	-1.545	0 %100
57	M29	X	1.125	1.125	0 %100
58	M29	Z	-1.948	-1.948	0 %100
59	M30	X	1.125	1.125	0 %100
60	M30	Z	-1.948	-1.948	0 %100
61	M31	X	.477	.477	0 %100
62	M31	Z	-.826	-.826	0 %100
63	M32	X	.324	.324	0 %100
64	M32	Z	-.561	-.561	0 %100
65	M33	X	.66	.66	0 %100
66	M33	Z	-1.144	-1.144	0 %100
67	M34	X	1.139	1.139	0 %100
68	M34	Z	-1.972	-1.972	0 %100
69	M35	X	1.139	1.139	0 %100
70	M35	Z	-1.972	-1.972	0 %100
71	M36	X	1.139	1.139	0 %100
72	M36	Z	-1.972	-1.972	0 %100
73	M37	X	.297	.297	0 %100
74	M37	Z	-.515	-.515	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, %]
75	M38	X	.297	.297	0 %100
76	M38	Z	-.515	-.515	0 %100
77	M39	X	.858	.858	0 %100
78	M39	Z	-1.486	-1.486	0 %100
79	M40	X	.858	.858	0 %100
80	M40	Z	-1.486	-1.486	0 %100
81	M44	X	.128	.128	0 %100
82	M44	Z	-.221	-.221	0 %100
83	M51	X	.356	.356	0 %100
84	M51	Z	-.617	-.617	0 %100
85	M52	X	.356	.356	0 %100
86	M52	Z	-.617	-.617	0 %100
87	M53	X	.356	.356	0 %100
88	M53	Z	-.617	-.617	0 %100
89	M54	X	1.614	1.614	0 %100
90	M54	Z	-2.795	-2.795	0 %100
91	M92	X	1.381	1.381	0 %100
92	M92	Z	-2.391	-2.391	0 %100
93	M92A	X	1.381	1.381	0 %100
94	M92A	Z	-2.391	-2.391	0 %100
95	M94	X	1.069	1.069	0 %100
96	M94	Z	-1.851	-1.851	0 %100
97	M95	X	1.069	1.069	0 %100
98	M95	Z	-1.851	-1.851	0 %100
99	M96	X	1.069	1.069	0 %100
100	M96	Z	-1.851	-1.851	0 %100
101	M97	X	.538	.538	0 %100
102	M97	Z	-.932	-.932	0 %100
103	M98	X	.356	.356	0 %100
104	M98	Z	-.617	-.617	0 %100
105	M99	X	.356	.356	0 %100
106	M99	Z	-.617	-.617	0 %100
107	M100	X	.356	.356	0 %100
108	M100	Z	-.617	-.617	0 %100
109	M101	X	1.614	1.614	0 %100
110	M101	Z	-2.795	-2.795	0 %100
111	M102	X	1.069	1.069	0 %100
112	M102	Z	-1.851	-1.851	0 %100
113	M103	X	1.069	1.069	0 %100
114	M103	Z	-1.851	-1.851	0 %100
115	M104	X	1.069	1.069	0 %100
116	M104	Z	-1.851	-1.851	0 %100
117	M105	X	.538	.538	0 %100
118	M105	Z	-.932	-.932	0 %100
119	M74	X	1.779	1.779	0 %100
120	M74	Z	-3.082	-3.082	0 %100
121	M75	X	.128	.128	0 %100
122	M75	Z	-.221	-.221	0 %100
123	M76	X	1.779	1.779	0 %100
124	M76	Z	-3.082	-3.082	0 %100
125	M78	X	2.142	2.142	0 %100
126	M78	Z	-3.71	-3.71	0 %100
127	M79	X	1.864	1.864	0 %100
128	M79	Z	-3.228	-3.228	0 %100
129	M80	X	2.142	2.142	0 %100
130	M80	Z	-3.71	-3.71	0 %100
131	M81	X	1.864	1.864	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, %]
132	M81	Z	-3.228	-3.228	0	%100
133	M91	X	1.381	1.381	0	%100
134	M91	Z	-2.391	-2.391	0	%100
135	M92B	X	1.381	1.381	0	%100
136	M92B	Z	-2.391	-2.391	0	%100
137	M93B	X	1.381	1.381	0	%100
138	M93B	Z	-2.391	-2.391	0	%100
139	M94A	X	1.381	1.381	0	%100
140	M94A	Z	-2.391	-2.391	0	%100
141	MP4C	X	1.527	1.527	0	%100
142	MP4C	Z	-2.646	-2.646	0	%100
143	MP3C	X	1.381	1.381	0	%100
144	MP3C	Z	-2.391	-2.391	0	%100
145	MP2C	X	1.381	1.381	0	%100
146	MP2C	Z	-2.391	-2.391	0	%100
147	MP1C	X	1.381	1.381	0	%100
148	MP1C	Z	-2.391	-2.391	0	%100
149	MP4B	X	1.527	1.527	0	%100
150	MP4B	Z	-2.646	-2.646	0	%100
151	MP3B	X	1.381	1.381	0	%100
152	MP3B	Z	-2.391	-2.391	0	%100
153	MP2B	X	1.381	1.381	0	%100
154	MP2B	Z	-2.391	-2.391	0	%100
155	MP1B	X	1.381	1.381	0	%100
156	MP1B	Z	-2.391	-2.391	0	%100
157	MP4A	X	1.527	1.527	0	%100
158	MP4A	Z	-2.646	-2.646	0	%100
159	MP3A	X	1.381	1.381	0	%100
160	MP3A	Z	-2.391	-2.391	0	%100
161	MP2A	X	1.381	1.381	0	%100
162	MP2A	Z	-2.391	-2.391	0	%100
163	MP1A	X	1.381	1.381	0	%100
164	MP1A	Z	-2.391	-2.391	0	%100
165	M123	X	.032	.032	0	%100
166	M123	Z	-.056	-.056	0	%100
167	M124	X	.45	.45	0	%100
168	M124	Z	-.779	-.779	0	%100
169	M125	X	.032	.032	0	%100
170	M125	Z	-.056	-.056	0	%100
171	M126	X	.45	.45	0	%100
172	M126	Z	-.779	-.779	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	.826	.826	0	%100
2	M1	Z	-.477	-.477	0	%100
3	M2	X	.561	.561	0	%100
4	M2	Z	-.324	-.324	0	%100
5	M3	X	1.144	1.144	0	%100
6	M3	Z	-.66	-.66	0	%100
7	M4	X	1.972	1.972	0	%100
8	M4	Z	-1.139	-1.139	0	%100
9	M5	X	1.972	1.972	0	%100
10	M5	Z	-1.139	-1.139	0	%100
11	M6	X	1.972	1.972	0	%100
12	M6	Z	-1.139	-1.139	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, %]
13	M7	X	.515	.515	0 %100
14	M7	Z	-.297	-.297	0 %100
15	M8	X	.515	.515	0 %100
16	M8	Z	-.297	-.297	0 %100
17	M9	X	1.486	1.486	0 %100
18	M9	Z	-.858	-.858	0 %100
19	M10	X	1.486	1.486	0 %100
20	M10	Z	-.858	-.858	0 %100
21	M11	X	2.477	2.477	0 %100
22	M11	Z	-1.43	-1.43	0 %100
23	M12	X	1.682	1.682	0 %100
24	M12	Z	-.971	-.971	0 %100
25	M13	X	3.431	3.431	0 %100
26	M13	Z	-1.981	-1.981	0 %100
27	M14	X	1.972	1.972	0 %100
28	M14	Z	-1.139	-1.139	0 %100
29	M15	X	1.972	1.972	0 %100
30	M15	Z	-1.139	-1.139	0 %100
31	M16	X	1.972	1.972	0 %100
32	M16	Z	-1.139	-1.139	0 %100
33	M17	X	1.545	1.545	0 %100
34	M17	Z	-.892	-.892	0 %100
35	M18	X	1.545	1.545	0 %100
36	M18	Z	-.892	-.892	0 %100
37	M19	X	1.948	1.948	0 %100
38	M19	Z	-1.125	-1.125	0 %100
39	M20	X	1.948	1.948	0 %100
40	M20	Z	-1.125	-1.125	0 %100
41	M21	X	.826	.826	0 %100
42	M21	Z	-.477	-.477	0 %100
43	M22	X	.561	.561	0 %100
44	M22	Z	-.324	-.324	0 %100
45	M23	X	1.144	1.144	0 %100
46	M23	Z	-.66	-.66	0 %100
47	M24	X	1.972	1.972	0 %100
48	M24	Z	-1.139	-1.139	0 %100
49	M25	X	1.972	1.972	0 %100
50	M25	Z	-1.139	-1.139	0 %100
51	M26	X	1.972	1.972	0 %100
52	M26	Z	-1.139	-1.139	0 %100
53	M27	X	.515	.515	0 %100
54	M27	Z	-.297	-.297	0 %100
55	M28	X	.515	.515	0 %100
56	M28	Z	-.297	-.297	0 %100
57	M29	X	1.486	1.486	0 %100
58	M29	Z	-.858	-.858	0 %100
59	M30	X	1.486	1.486	0 %100
60	M30	Z	-.858	-.858	0 %100
61	M31	X	2.477	2.477	0 %100
62	M31	Z	-1.43	-1.43	0 %100
63	M32	X	1.682	1.682	0 %100
64	M32	Z	-.971	-.971	0 %100
65	M33	X	3.431	3.431	0 %100
66	M33	Z	-1.981	-1.981	0 %100
67	M34	X	1.972	1.972	0 %100
68	M34	Z	-1.139	-1.139	0 %100
69	M35	X	1.972	1.972	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.%]
70	M35	Z	-1.139	-1.139	0 %100
71	M36	X	1.972	1.972	0 %100
72	M36	Z	-1.139	-1.139	0 %100
73	M37	X	1.545	1.545	0 %100
74	M37	Z	-.892	-.892	0 %100
75	M38	X	1.545	1.545	0 %100
76	M38	Z	-.892	-.892	0 %100
77	M39	X	1.948	1.948	0 %100
78	M39	Z	-1.125	-1.125	0 %100
79	M40	X	1.948	1.948	0 %100
80	M40	Z	-1.125	-1.125	0 %100
81	M44	X	.221	.221	0 %100
82	M44	Z	-.128	-.128	0 %100
83	M51	X	1.851	1.851	0 %100
84	M51	Z	-1.069	-1.069	0 %100
85	M52	X	1.851	1.851	0 %100
86	M52	Z	-1.069	-1.069	0 %100
87	M53	X	1.851	1.851	0 %100
88	M53	Z	-1.069	-1.069	0 %100
89	M54	X	.932	.932	0 %100
90	M54	Z	-.538	-.538	0 %100
91	M92	X	2.391	2.391	0 %100
92	M92	Z	-1.381	-1.381	0 %100
93	M92A	X	2.391	2.391	0 %100
94	M92A	Z	-1.381	-1.381	0 %100
95	M94	X	.617	.617	0 %100
96	M94	Z	-.356	-.356	0 %100
97	M95	X	.617	.617	0 %100
98	M95	Z	-.356	-.356	0 %100
99	M96	X	.617	.617	0 %100
100	M96	Z	-.356	-.356	0 %100
101	M97	X	2.795	2.795	0 %100
102	M97	Z	-1.614	-1.614	0 %100
103	M98	X	1.851	1.851	0 %100
104	M98	Z	-1.069	-1.069	0 %100
105	M99	X	1.851	1.851	0 %100
106	M99	Z	-1.069	-1.069	0 %100
107	M100	X	1.851	1.851	0 %100
108	M100	Z	-1.069	-1.069	0 %100
109	M101	X	.932	.932	0 %100
110	M101	Z	-.538	-.538	0 %100
111	M102	X	.617	.617	0 %100
112	M102	Z	-.356	-.356	0 %100
113	M103	X	.617	.617	0 %100
114	M103	Z	-.356	-.356	0 %100
115	M104	X	.617	.617	0 %100
116	M104	Z	-.356	-.356	0 %100
117	M105	X	2.795	2.795	0 %100
118	M105	Z	-1.614	-1.614	0 %100
119	M74	X	3.082	3.082	0 %100
120	M74	Z	-1.779	-1.779	0 %100
121	M75	X	.221	.221	0 %100
122	M75	Z	-.128	-.128	0 %100
123	M76	X	3.082	3.082	0 %100
124	M76	Z	-1.779	-1.779	0 %100
125	M78	X	3.71	3.71	0 %100
126	M78	Z	-2.142	-2.142	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.%,]
127	M79	X	3.228	3.228	0	%100
128	M79	Z	-1.864	-1.864	0	%100
129	M80	X	3.71	3.71	0	%100
130	M80	Z	-2.142	-2.142	0	%100
131	M81	X	3.228	3.228	0	%100
132	M81	Z	-1.864	-1.864	0	%100
133	M91	X	2.391	2.391	0	%100
134	M91	Z	-1.381	-1.381	0	%100
135	M92B	X	2.391	2.391	0	%100
136	M92B	Z	-1.381	-1.381	0	%100
137	M93B	X	2.391	2.391	0	%100
138	M93B	Z	-1.381	-1.381	0	%100
139	M94A	X	2.391	2.391	0	%100
140	M94A	Z	-1.381	-1.381	0	%100
141	MP4C	X	2.646	2.646	0	%100
142	MP4C	Z	-1.527	-1.527	0	%100
143	MP3C	X	2.391	2.391	0	%100
144	MP3C	Z	-1.381	-1.381	0	%100
145	MP2C	X	2.391	2.391	0	%100
146	MP2C	Z	-1.381	-1.381	0	%100
147	MP1C	X	2.391	2.391	0	%100
148	MP1C	Z	-1.381	-1.381	0	%100
149	MP4B	X	2.646	2.646	0	%100
150	MP4B	Z	-1.527	-1.527	0	%100
151	MP3B	X	2.391	2.391	0	%100
152	MP3B	Z	-1.381	-1.381	0	%100
153	MP2B	X	2.391	2.391	0	%100
154	MP2B	Z	-1.381	-1.381	0	%100
155	MP1B	X	2.391	2.391	0	%100
156	MP1B	Z	-1.381	-1.381	0	%100
157	MP4A	X	2.646	2.646	0	%100
158	MP4A	Z	-1.527	-1.527	0	%100
159	MP3A	X	2.391	2.391	0	%100
160	MP3A	Z	-1.381	-1.381	0	%100
161	MP2A	X	2.391	2.391	0	%100
162	MP2A	Z	-1.381	-1.381	0	%100
163	MP1A	X	2.391	2.391	0	%100
164	MP1A	Z	-1.381	-1.381	0	%100
165	M123	X	.056	.056	0	%100
166	M123	Z	-.032	-.032	0	%100
167	M124	X	.779	.779	0	%100
168	M124	Z	-.45	-.45	0	%100
169	M125	X	.056	.056	0	%100
170	M125	Z	-.032	-.032	0	%100
171	M126	X	.779	.779	0	%100
172	M126	Z	-.45	-.45	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	2.277	2.277	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

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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.%]
8	M4	Z	0	0	0	%100
9	M5	X	2.277	2.277	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	2.277	2.277	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	1.448	1.448	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	1.448	1.448	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	3.814	3.814	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	2.59	2.59	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	5.283	5.283	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	2.277	2.277	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	2.277	2.277	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	2.277	2.277	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	2.378	2.378	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	2.378	2.378	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	2.517	2.517	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	2.517	2.517	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	2.277	2.277	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	2.277	2.277	0	%100
50	M25	Z	0	0	0	%100
51	M26	X	2.277	2.277	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	1.448	1.448	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	1.448	1.448	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	3.814	3.814	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	2.59	2.59	0	%100
64	M32	Z	0	0	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

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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, %]
65	M33	X	5.283	5.283	0 %100
66	M33	Z	0	0	0 %100
67	M34	X	2.277	2.277	0 %100
68	M34	Z	0	0	0 %100
69	M35	X	2.277	2.277	0 %100
70	M35	Z	0	0	0 %100
71	M36	X	2.277	2.277	0 %100
72	M36	Z	0	0	0 %100
73	M37	X	2.378	2.378	0 %100
74	M37	Z	0	0	0 %100
75	M38	X	2.378	2.378	0 %100
76	M38	Z	0	0	0 %100
77	M39	X	2.517	2.517	0 %100
78	M39	Z	0	0	0 %100
79	M40	X	2.517	2.517	0 %100
80	M40	Z	0	0	0 %100
81	M44	X	1.907	1.907	0 %100
82	M44	Z	0	0	0 %100
83	M51	X	2.849	2.849	0 %100
84	M51	Z	0	0	0 %100
85	M52	X	2.849	2.849	0 %100
86	M52	Z	0	0	0 %100
87	M53	X	2.849	2.849	0 %100
88	M53	Z	0	0	0 %100
89	M54	X	0	0	0 %100
90	M54	Z	0	0	0 %100
91	M92	X	2.761	2.761	0 %100
92	M92	Z	0	0	0 %100
93	M92A	X	2.761	2.761	0 %100
94	M92A	Z	0	0	0 %100
95	M94	X	0	0	0 %100
96	M94	Z	0	0	0 %100
97	M95	X	0	0	0 %100
98	M95	Z	0	0	0 %100
99	M96	X	0	0	0 %100
100	M96	Z	0	0	0 %100
101	M97	X	4.304	4.304	0 %100
102	M97	Z	0	0	0 %100
103	M98	X	2.849	2.849	0 %100
104	M98	Z	0	0	0 %100
105	M99	X	2.849	2.849	0 %100
106	M99	Z	0	0	0 %100
107	M100	X	2.849	2.849	0 %100
108	M100	Z	0	0	0 %100
109	M101	X	0	0	0 %100
110	M101	Z	0	0	0 %100
111	M102	X	0	0	0 %100
112	M102	Z	0	0	0 %100
113	M103	X	0	0	0 %100
114	M103	Z	0	0	0 %100
115	M104	X	0	0	0 %100
116	M104	Z	0	0	0 %100
117	M105	X	4.304	4.304	0 %100
118	M105	Z	0	0	0 %100
119	M74	X	1.907	1.907	0 %100
120	M74	Z	0	0	0 %100
121	M75	X	1.907	1.907	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.%,]	
122	M75	Z	0	0	0	%100
123	M76	X	1.907	1.907	0	%100
124	M76	Z	0	0	0	%100
125	M78	X	4.006	4.006	0	%100
126	M78	Z	0	0	0	%100
127	M79	X	4.006	4.006	0	%100
128	M79	Z	0	0	0	%100
129	M80	X	4.006	4.006	0	%100
130	M80	Z	0	0	0	%100
131	M81	X	4.006	4.006	0	%100
132	M81	Z	0	0	0	%100
133	M91	X	2.761	2.761	0	%100
134	M91	Z	0	0	0	%100
135	M92B	X	2.761	2.761	0	%100
136	M92B	Z	0	0	0	%100
137	M93B	X	2.761	2.761	0	%100
138	M93B	Z	0	0	0	%100
139	M94A	X	2.761	2.761	0	%100
140	M94A	Z	0	0	0	%100
141	MP4C	X	3.055	3.055	0	%100
142	MP4C	Z	0	0	0	%100
143	MP3C	X	2.761	2.761	0	%100
144	MP3C	Z	0	0	0	%100
145	MP2C	X	2.761	2.761	0	%100
146	MP2C	Z	0	0	0	%100
147	MP1C	X	2.761	2.761	0	%100
148	MP1C	Z	0	0	0	%100
149	MP4B	X	3.055	3.055	0	%100
150	MP4B	Z	0	0	0	%100
151	MP3B	X	2.761	2.761	0	%100
152	MP3B	Z	0	0	0	%100
153	MP2B	X	2.761	2.761	0	%100
154	MP2B	Z	0	0	0	%100
155	MP1B	X	2.761	2.761	0	%100
156	MP1B	Z	0	0	0	%100
157	MP4A	X	3.055	3.055	0	%100
158	MP4A	Z	0	0	0	%100
159	MP3A	X	2.761	2.761	0	%100
160	MP3A	Z	0	0	0	%100
161	MP2A	X	2.761	2.761	0	%100
162	MP2A	Z	0	0	0	%100
163	MP1A	X	2.761	2.761	0	%100
164	MP1A	Z	0	0	0	%100
165	M123	X	.482	.482	0	%100
166	M123	Z	0	0	0	%100
167	M124	X	.482	.482	0	%100
168	M124	Z	0	0	0	%100
169	M125	X	.482	.482	0	%100
170	M125	Z	0	0	0	%100
171	M126	X	.482	.482	0	%100
172	M126	Z	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
1	M1	X	.826	.826	0	%100
2	M1	Z	.477	.477	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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, %]
3	M2	X	.561	.561	0 %100
4	M2	Z	.324	.324	0 %100
5	M3	X	1.144	1.144	0 %100
6	M3	Z	.66	.66	0 %100
7	M4	X	1.972	1.972	0 %100
8	M4	Z	1.139	1.139	0 %100
9	M5	X	1.972	1.972	0 %100
10	M5	Z	1.139	1.139	0 %100
11	M6	X	1.972	1.972	0 %100
12	M6	Z	1.139	1.139	0 %100
13	M7	X	.515	.515	0 %100
14	M7	Z	.297	.297	0 %100
15	M8	X	.515	.515	0 %100
16	M8	Z	.297	.297	0 %100
17	M9	X	1.486	1.486	0 %100
18	M9	Z	.858	.858	0 %100
19	M10	X	1.486	1.486	0 %100
20	M10	Z	.858	.858	0 %100
21	M11	X	2.477	2.477	0 %100
22	M11	Z	1.43	1.43	0 %100
23	M12	X	1.682	1.682	0 %100
24	M12	Z	.971	.971	0 %100
25	M13	X	3.431	3.431	0 %100
26	M13	Z	1.981	1.981	0 %100
27	M14	X	1.972	1.972	0 %100
28	M14	Z	1.139	1.139	0 %100
29	M15	X	1.972	1.972	0 %100
30	M15	Z	1.139	1.139	0 %100
31	M16	X	1.972	1.972	0 %100
32	M16	Z	1.139	1.139	0 %100
33	M17	X	1.545	1.545	0 %100
34	M17	Z	.892	.892	0 %100
35	M18	X	1.545	1.545	0 %100
36	M18	Z	.892	.892	0 %100
37	M19	X	1.948	1.948	0 %100
38	M19	Z	1.125	1.125	0 %100
39	M20	X	1.948	1.948	0 %100
40	M20	Z	1.125	1.125	0 %100
41	M21	X	.826	.826	0 %100
42	M21	Z	.477	.477	0 %100
43	M22	X	.561	.561	0 %100
44	M22	Z	.324	.324	0 %100
45	M23	X	1.144	1.144	0 %100
46	M23	Z	.66	.66	0 %100
47	M24	X	1.972	1.972	0 %100
48	M24	Z	1.139	1.139	0 %100
49	M25	X	1.972	1.972	0 %100
50	M25	Z	1.139	1.139	0 %100
51	M26	X	1.972	1.972	0 %100
52	M26	Z	1.139	1.139	0 %100
53	M27	X	.515	.515	0 %100
54	M27	Z	.297	.297	0 %100
55	M28	X	.515	.515	0 %100
56	M28	Z	.297	.297	0 %100
57	M29	X	1.486	1.486	0 %100
58	M29	Z	.858	.858	0 %100
59	M30	X	1.486	1.486	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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.%]
60	M30	Z	.858	.858	0 %100
61	M31	X	2.477	2.477	0 %100
62	M31	Z	1.43	1.43	0 %100
63	M32	X	1.682	1.682	0 %100
64	M32	Z	.971	.971	0 %100
65	M33	X	3.431	3.431	0 %100
66	M33	Z	1.981	1.981	0 %100
67	M34	X	1.972	1.972	0 %100
68	M34	Z	1.139	1.139	0 %100
69	M35	X	1.972	1.972	0 %100
70	M35	Z	1.139	1.139	0 %100
71	M36	X	1.972	1.972	0 %100
72	M36	Z	1.139	1.139	0 %100
73	M37	X	1.545	1.545	0 %100
74	M37	Z	.892	.892	0 %100
75	M38	X	1.545	1.545	0 %100
76	M38	Z	.892	.892	0 %100
77	M39	X	1.948	1.948	0 %100
78	M39	Z	1.125	1.125	0 %100
79	M40	X	1.948	1.948	0 %100
80	M40	Z	1.125	1.125	0 %100
81	M44	X	3.082	3.082	0 %100
82	M44	Z	1.779	1.779	0 %100
83	M51	X	1.851	1.851	0 %100
84	M51	Z	1.069	1.069	0 %100
85	M52	X	1.851	1.851	0 %100
86	M52	Z	1.069	1.069	0 %100
87	M53	X	1.851	1.851	0 %100
88	M53	Z	1.069	1.069	0 %100
89	M54	X	.932	.932	0 %100
90	M54	Z	.538	.538	0 %100
91	M92	X	2.391	2.391	0 %100
92	M92	Z	1.381	1.381	0 %100
93	M92A	X	2.391	2.391	0 %100
94	M92A	Z	1.381	1.381	0 %100
95	M94	X	.617	.617	0 %100
96	M94	Z	.356	.356	0 %100
97	M95	X	.617	.617	0 %100
98	M95	Z	.356	.356	0 %100
99	M96	X	.617	.617	0 %100
100	M96	Z	.356	.356	0 %100
101	M97	X	2.795	2.795	0 %100
102	M97	Z	1.614	1.614	0 %100
103	M98	X	1.851	1.851	0 %100
104	M98	Z	1.069	1.069	0 %100
105	M99	X	1.851	1.851	0 %100
106	M99	Z	1.069	1.069	0 %100
107	M100	X	1.851	1.851	0 %100
108	M100	Z	1.069	1.069	0 %100
109	M101	X	.932	.932	0 %100
110	M101	Z	.538	.538	0 %100
111	M102	X	.617	.617	0 %100
112	M102	Z	.356	.356	0 %100
113	M103	X	.617	.617	0 %100
114	M103	Z	.356	.356	0 %100
115	M104	X	.617	.617	0 %100
116	M104	Z	.356	.356	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, %]
117	M105	X	2.795	2.795	0 %100
118	M105	Z	1.614	1.614	0 %100
119	M74	X	.221	.221	0 %100
120	M74	Z	.128	.128	0 %100
121	M75	X	3.082	3.082	0 %100
122	M75	Z	1.779	1.779	0 %100
123	M76	X	.221	.221	0 %100
124	M76	Z	.128	.128	0 %100
125	M78	X	3.228	3.228	0 %100
126	M78	Z	1.864	1.864	0 %100
127	M79	X	3.71	3.71	0 %100
128	M79	Z	2.142	2.142	0 %100
129	M80	X	3.228	3.228	0 %100
130	M80	Z	1.864	1.864	0 %100
131	M81	X	3.71	3.71	0 %100
132	M81	Z	2.142	2.142	0 %100
133	M91	X	2.391	2.391	0 %100
134	M91	Z	1.381	1.381	0 %100
135	M92B	X	2.391	2.391	0 %100
136	M92B	Z	1.381	1.381	0 %100
137	M93B	X	2.391	2.391	0 %100
138	M93B	Z	1.381	1.381	0 %100
139	M94A	X	2.391	2.391	0 %100
140	M94A	Z	1.381	1.381	0 %100
141	MP4C	X	2.646	2.646	0 %100
142	MP4C	Z	1.527	1.527	0 %100
143	MP3C	X	2.391	2.391	0 %100
144	MP3C	Z	1.381	1.381	0 %100
145	MP2C	X	2.391	2.391	0 %100
146	MP2C	Z	1.381	1.381	0 %100
147	MP1C	X	2.391	2.391	0 %100
148	MP1C	Z	1.381	1.381	0 %100
149	MP4B	X	2.646	2.646	0 %100
150	MP4B	Z	1.527	1.527	0 %100
151	MP3B	X	2.391	2.391	0 %100
152	MP3B	Z	1.381	1.381	0 %100
153	MP2B	X	2.391	2.391	0 %100
154	MP2B	Z	1.381	1.381	0 %100
155	MP1B	X	2.391	2.391	0 %100
156	MP1B	Z	1.381	1.381	0 %100
157	MP4A	X	2.646	2.646	0 %100
158	MP4A	Z	1.527	1.527	0 %100
159	MP3A	X	2.391	2.391	0 %100
160	MP3A	Z	1.381	1.381	0 %100
161	MP2A	X	2.391	2.391	0 %100
162	MP2A	Z	1.381	1.381	0 %100
163	MP1A	X	2.391	2.391	0 %100
164	MP1A	Z	1.381	1.381	0 %100
165	M123	X	.779	.779	0 %100
166	M123	Z	.45	.45	0 %100
167	M124	X	.056	.056	0 %100
168	M124	Z	.032	.032	0 %100
169	M125	X	.779	.779	0 %100
170	M125	Z	.45	.45	0 %100
171	M126	X	.056	.056	0 %100
172	M126	Z	.032	.032	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	1.43	1.43	0	%100
2	M1	Z	2.477	2.477	0	%100
3	M2	X	.971	.971	0	%100
4	M2	Z	1.682	1.682	0	%100
5	M3	X	1.981	1.981	0	%100
6	M3	Z	3.431	3.431	0	%100
7	M4	X	1.139	1.139	0	%100
8	M4	Z	1.972	1.972	0	%100
9	M5	X	1.139	1.139	0	%100
10	M5	Z	1.972	1.972	0	%100
11	M6	X	1.139	1.139	0	%100
12	M6	Z	1.972	1.972	0	%100
13	M7	X	.892	.892	0	%100
14	M7	Z	1.545	1.545	0	%100
15	M8	X	.892	.892	0	%100
16	M8	Z	1.545	1.545	0	%100
17	M9	X	1.125	1.125	0	%100
18	M9	Z	1.948	1.948	0	%100
19	M10	X	1.125	1.125	0	%100
20	M10	Z	1.948	1.948	0	%100
21	M11	X	.477	.477	0	%100
22	M11	Z	.826	.826	0	%100
23	M12	X	.324	.324	0	%100
24	M12	Z	.561	.561	0	%100
25	M13	X	.66	.66	0	%100
26	M13	Z	1.144	1.144	0	%100
27	M14	X	1.139	1.139	0	%100
28	M14	Z	1.972	1.972	0	%100
29	M15	X	1.139	1.139	0	%100
30	M15	Z	1.972	1.972	0	%100
31	M16	X	1.139	1.139	0	%100
32	M16	Z	1.972	1.972	0	%100
33	M17	X	.297	.297	0	%100
34	M17	Z	.515	.515	0	%100
35	M18	X	.297	.297	0	%100
36	M18	Z	.515	.515	0	%100
37	M19	X	.858	.858	0	%100
38	M19	Z	1.486	1.486	0	%100
39	M20	X	.858	.858	0	%100
40	M20	Z	1.486	1.486	0	%100
41	M21	X	1.43	1.43	0	%100
42	M21	Z	2.477	2.477	0	%100
43	M22	X	.971	.971	0	%100
44	M22	Z	1.682	1.682	0	%100
45	M23	X	1.981	1.981	0	%100
46	M23	Z	3.431	3.431	0	%100
47	M24	X	1.139	1.139	0	%100
48	M24	Z	1.972	1.972	0	%100
49	M25	X	1.139	1.139	0	%100
50	M25	Z	1.972	1.972	0	%100
51	M26	X	1.139	1.139	0	%100
52	M26	Z	1.972	1.972	0	%100
53	M27	X	.892	.892	0	%100
54	M27	Z	1.545	1.545	0	%100
55	M28	X	.892	.892	0	%100
56	M28	Z	1.545	1.545	0	%100
57	M29	X	1.125	1.125	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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.%]
58	M29	Z	1.948	1.948	0 %100
59	M30	X	1.125	1.125	0 %100
60	M30	Z	1.948	1.948	0 %100
61	M31	X	.477	.477	0 %100
62	M31	Z	.826	.826	0 %100
63	M32	X	.324	.324	0 %100
64	M32	Z	.561	.561	0 %100
65	M33	X	.66	.66	0 %100
66	M33	Z	1.144	1.144	0 %100
67	M34	X	1.139	1.139	0 %100
68	M34	Z	1.972	1.972	0 %100
69	M35	X	1.139	1.139	0 %100
70	M35	Z	1.972	1.972	0 %100
71	M36	X	1.139	1.139	0 %100
72	M36	Z	1.972	1.972	0 %100
73	M37	X	.297	.297	0 %100
74	M37	Z	.515	.515	0 %100
75	M38	X	.297	.297	0 %100
76	M38	Z	.515	.515	0 %100
77	M39	X	.858	.858	0 %100
78	M39	Z	1.486	1.486	0 %100
79	M40	X	.858	.858	0 %100
80	M40	Z	1.486	1.486	0 %100
81	M44	X	1.779	1.779	0 %100
82	M44	Z	3.082	3.082	0 %100
83	M51	X	.356	.356	0 %100
84	M51	Z	.617	.617	0 %100
85	M52	X	.356	.356	0 %100
86	M52	Z	.617	.617	0 %100
87	M53	X	.356	.356	0 %100
88	M53	Z	.617	.617	0 %100
89	M54	X	1.614	1.614	0 %100
90	M54	Z	2.795	2.795	0 %100
91	M92	X	1.381	1.381	0 %100
92	M92	Z	2.391	2.391	0 %100
93	M92A	X	1.381	1.381	0 %100
94	M92A	Z	2.391	2.391	0 %100
95	M94	X	1.069	1.069	0 %100
96	M94	Z	1.851	1.851	0 %100
97	M95	X	1.069	1.069	0 %100
98	M95	Z	1.851	1.851	0 %100
99	M96	X	1.069	1.069	0 %100
100	M96	Z	1.851	1.851	0 %100
101	M97	X	.538	.538	0 %100
102	M97	Z	.932	.932	0 %100
103	M98	X	.356	.356	0 %100
104	M98	Z	.617	.617	0 %100
105	M99	X	.356	.356	0 %100
106	M99	Z	.617	.617	0 %100
107	M100	X	.356	.356	0 %100
108	M100	Z	.617	.617	0 %100
109	M101	X	1.614	1.614	0 %100
110	M101	Z	2.795	2.795	0 %100
111	M102	X	1.069	1.069	0 %100
112	M102	Z	1.851	1.851	0 %100
113	M103	X	1.069	1.069	0 %100
114	M103	Z	1.851	1.851	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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, %]
115	M104	X	1.069	1.069	0 %100
116	M104	Z	1.851	1.851	0 %100
117	M105	X	.538	.538	0 %100
118	M105	Z	.932	.932	0 %100
119	M74	X	.128	.128	0 %100
120	M74	Z	.221	.221	0 %100
121	M75	X	1.779	1.779	0 %100
122	M75	Z	3.082	3.082	0 %100
123	M76	X	.128	.128	0 %100
124	M76	Z	.221	.221	0 %100
125	M78	X	1.864	1.864	0 %100
126	M78	Z	3.228	3.228	0 %100
127	M79	X	2.142	2.142	0 %100
128	M79	Z	3.71	3.71	0 %100
129	M80	X	1.864	1.864	0 %100
130	M80	Z	3.228	3.228	0 %100
131	M81	X	2.142	2.142	0 %100
132	M81	Z	3.71	3.71	0 %100
133	M91	X	1.381	1.381	0 %100
134	M91	Z	2.391	2.391	0 %100
135	M92B	X	1.381	1.381	0 %100
136	M92B	Z	2.391	2.391	0 %100
137	M93B	X	1.381	1.381	0 %100
138	M93B	Z	2.391	2.391	0 %100
139	M94A	X	1.381	1.381	0 %100
140	M94A	Z	2.391	2.391	0 %100
141	MP4C	X	1.527	1.527	0 %100
142	MP4C	Z	2.646	2.646	0 %100
143	MP3C	X	1.381	1.381	0 %100
144	MP3C	Z	2.391	2.391	0 %100
145	MP2C	X	1.381	1.381	0 %100
146	MP2C	Z	2.391	2.391	0 %100
147	MP1C	X	1.381	1.381	0 %100
148	MP1C	Z	2.391	2.391	0 %100
149	MP4B	X	1.527	1.527	0 %100
150	MP4B	Z	2.646	2.646	0 %100
151	MP3B	X	1.381	1.381	0 %100
152	MP3B	Z	2.391	2.391	0 %100
153	MP2B	X	1.381	1.381	0 %100
154	MP2B	Z	2.391	2.391	0 %100
155	MP1B	X	1.381	1.381	0 %100
156	MP1B	Z	2.391	2.391	0 %100
157	MP4A	X	1.527	1.527	0 %100
158	MP4A	Z	2.646	2.646	0 %100
159	MP3A	X	1.381	1.381	0 %100
160	MP3A	Z	2.391	2.391	0 %100
161	MP2A	X	1.381	1.381	0 %100
162	MP2A	Z	2.391	2.391	0 %100
163	MP1A	X	1.381	1.381	0 %100
164	MP1A	Z	2.391	2.391	0 %100
165	M123	X	.45	.45	0 %100
166	M123	Z	.779	.779	0 %100
167	M124	X	.032	.032	0 %100
168	M124	Z	.056	.056	0 %100
169	M125	X	.45	.45	0 %100
170	M125	Z	.779	.779	0 %100
171	M126	X	.032	.032	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.%]
172	M126	Z	.056	.056	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	0	0	0	%100
2	M1	Z	3.814	3.814	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	2.59	2.59	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	5.283	5.283	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	2.277	2.277	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	2.277	2.277	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	2.277	2.277	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	2.378	2.378	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	2.378	2.378	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	2.517	2.517	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	2.517	2.517	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	2.277	2.277	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	2.277	2.277	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	2.277	2.277	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	1.448	1.448	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	1.448	1.448	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	3.814	3.814	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	2.59	2.59	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	5.283	5.283	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	2.277	2.277	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	2.277	2.277	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	2.277	2.277	0	%100



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 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
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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, %]	
53	M27	X	0	0	0	%100
54	M27	Z	2.378	2.378	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	2.378	2.378	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	2.517	2.517	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	2.517	2.517	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	0	0	0	%100
67	M34	X	0	0	0	%100
68	M34	Z	2.277	2.277	0	%100
69	M35	X	0	0	0	%100
70	M35	Z	2.277	2.277	0	%100
71	M36	X	0	0	0	%100
72	M36	Z	2.277	2.277	0	%100
73	M37	X	0	0	0	%100
74	M37	Z	0	0	0	%100
75	M38	X	0	0	0	%100
76	M38	Z	0	0	0	%100
77	M39	X	0	0	0	%100
78	M39	Z	1.448	1.448	0	%100
79	M40	X	0	0	0	%100
80	M40	Z	1.448	1.448	0	%100
81	M44	X	0	0	0	%100
82	M44	Z	1.907	1.907	0	%100
83	M51	X	0	0	0	%100
84	M51	Z	0	0	0	%100
85	M52	X	0	0	0	%100
86	M52	Z	0	0	0	%100
87	M53	X	0	0	0	%100
88	M53	Z	0	0	0	%100
89	M54	X	0	0	0	%100
90	M54	Z	4.304	4.304	0	%100
91	M92	X	0	0	0	%100
92	M92	Z	2.761	2.761	0	%100
93	M92A	X	0	0	0	%100
94	M92A	Z	2.761	2.761	0	%100
95	M94	X	0	0	0	%100
96	M94	Z	2.849	2.849	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	2.849	2.849	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	2.849	2.849	0	%100
101	M97	X	0	0	0	%100
102	M97	Z	0	0	0	%100
103	M98	X	0	0	0	%100
104	M98	Z	0	0	0	%100
105	M99	X	0	0	0	%100
106	M99	Z	0	0	0	%100
107	M100	X	0	0	0	%100
108	M100	Z	0	0	0	%100
109	M101	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, %]
110	M101	Z	4.304	4.304	0 %100
111	M102	X	0	0	0 %100
112	M102	Z	2.849	2.849	0 %100
113	M103	X	0	0	0 %100
114	M103	Z	2.849	2.849	0 %100
115	M104	X	0	0	0 %100
116	M104	Z	2.849	2.849	0 %100
117	M105	X	0	0	0 %100
118	M105	Z	0	0	0 %100
119	M74	X	0	0	0 %100
120	M74	Z	1.907	1.907	0 %100
121	M75	X	0	0	0 %100
122	M75	Z	1.907	1.907	0 %100
123	M76	X	0	0	0 %100
124	M76	Z	1.907	1.907	0 %100
125	M78	X	0	0	0 %100
126	M78	Z	4.006	4.006	0 %100
127	M79	X	0	0	0 %100
128	M79	Z	4.006	4.006	0 %100
129	M80	X	0	0	0 %100
130	M80	Z	4.006	4.006	0 %100
131	M81	X	0	0	0 %100
132	M81	Z	4.006	4.006	0 %100
133	M91	X	0	0	0 %100
134	M91	Z	2.761	2.761	0 %100
135	M92B	X	0	0	0 %100
136	M92B	Z	2.761	2.761	0 %100
137	M93B	X	0	0	0 %100
138	M93B	Z	2.761	2.761	0 %100
139	M94A	X	0	0	0 %100
140	M94A	Z	2.761	2.761	0 %100
141	MP4C	X	0	0	0 %100
142	MP4C	Z	3.055	3.055	0 %100
143	MP3C	X	0	0	0 %100
144	MP3C	Z	2.761	2.761	0 %100
145	MP2C	X	0	0	0 %100
146	MP2C	Z	2.761	2.761	0 %100
147	MP1C	X	0	0	0 %100
148	MP1C	Z	2.761	2.761	0 %100
149	MP4B	X	0	0	0 %100
150	MP4B	Z	3.055	3.055	0 %100
151	MP3B	X	0	0	0 %100
152	MP3B	Z	2.761	2.761	0 %100
153	MP2B	X	0	0	0 %100
154	MP2B	Z	2.761	2.761	0 %100
155	MP1B	X	0	0	0 %100
156	MP1B	Z	2.761	2.761	0 %100
157	MP4A	X	0	0	0 %100
158	MP4A	Z	3.055	3.055	0 %100
159	MP3A	X	0	0	0 %100
160	MP3A	Z	2.761	2.761	0 %100
161	MP2A	X	0	0	0 %100
162	MP2A	Z	2.761	2.761	0 %100
163	MP1A	X	0	0	0 %100
164	MP1A	Z	2.761	2.761	0 %100
165	M123	X	0	0	0 %100
166	M123	Z	.482	.482	0 %100



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Aug 5, 2021
 11:40 AM
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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.%,]
167	M124	X	0	0	0	%100
168	M124	Z	.482	.482	0	%100
169	M125	X	0	0	0	%100
170	M125	Z	.482	.482	0	%100
171	M126	X	0	0	0	%100
172	M126	Z	.482	.482	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	-1.43	-1.43	0	%100
2	M1	Z	2.477	2.477	0	%100
3	M2	X	-971	-971	0	%100
4	M2	Z	1.682	1.682	0	%100
5	M3	X	-1.981	-1.981	0	%100
6	M3	Z	3.431	3.431	0	%100
7	M4	X	-1.139	-1.139	0	%100
8	M4	Z	1.972	1.972	0	%100
9	M5	X	-1.139	-1.139	0	%100
10	M5	Z	1.972	1.972	0	%100
11	M6	X	-1.139	-1.139	0	%100
12	M6	Z	1.972	1.972	0	%100
13	M7	X	-892	-892	0	%100
14	M7	Z	1.545	1.545	0	%100
15	M8	X	-892	-892	0	%100
16	M8	Z	1.545	1.545	0	%100
17	M9	X	-1.125	-1.125	0	%100
18	M9	Z	1.948	1.948	0	%100
19	M10	X	-1.125	-1.125	0	%100
20	M10	Z	1.948	1.948	0	%100
21	M11	X	-.477	-.477	0	%100
22	M11	Z	.826	.826	0	%100
23	M12	X	-.324	-.324	0	%100
24	M12	Z	.561	.561	0	%100
25	M13	X	-.66	-.66	0	%100
26	M13	Z	1.144	1.144	0	%100
27	M14	X	-1.139	-1.139	0	%100
28	M14	Z	1.972	1.972	0	%100
29	M15	X	-1.139	-1.139	0	%100
30	M15	Z	1.972	1.972	0	%100
31	M16	X	-1.139	-1.139	0	%100
32	M16	Z	1.972	1.972	0	%100
33	M17	X	-.297	-.297	0	%100
34	M17	Z	.515	.515	0	%100
35	M18	X	-.297	-.297	0	%100
36	M18	Z	.515	.515	0	%100
37	M19	X	-.858	-.858	0	%100
38	M19	Z	1.486	1.486	0	%100
39	M20	X	-.858	-.858	0	%100
40	M20	Z	1.486	1.486	0	%100
41	M21	X	-1.43	-1.43	0	%100
42	M21	Z	2.477	2.477	0	%100
43	M22	X	-971	-971	0	%100
44	M22	Z	1.682	1.682	0	%100
45	M23	X	-1.981	-1.981	0	%100
46	M23	Z	3.431	3.431	0	%100
47	M24	X	-1.139	-1.139	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.%]
48	M24	Z	1.972	1.972	0 %100
49	M25	X	-1.139	-1.139	0 %100
50	M25	Z	1.972	1.972	0 %100
51	M26	X	-1.139	-1.139	0 %100
52	M26	Z	1.972	1.972	0 %100
53	M27	X	-.892	-.892	0 %100
54	M27	Z	1.545	1.545	0 %100
55	M28	X	-.892	-.892	0 %100
56	M28	Z	1.545	1.545	0 %100
57	M29	X	-1.125	-1.125	0 %100
58	M29	Z	1.948	1.948	0 %100
59	M30	X	-1.125	-1.125	0 %100
60	M30	Z	1.948	1.948	0 %100
61	M31	X	-.477	-.477	0 %100
62	M31	Z	.826	.826	0 %100
63	M32	X	-.324	-.324	0 %100
64	M32	Z	.561	.561	0 %100
65	M33	X	-.66	-.66	0 %100
66	M33	Z	1.144	1.144	0 %100
67	M34	X	-1.139	-1.139	0 %100
68	M34	Z	1.972	1.972	0 %100
69	M35	X	-1.139	-1.139	0 %100
70	M35	Z	1.972	1.972	0 %100
71	M36	X	-1.139	-1.139	0 %100
72	M36	Z	1.972	1.972	0 %100
73	M37	X	-.297	-.297	0 %100
74	M37	Z	.515	.515	0 %100
75	M38	X	-.297	-.297	0 %100
76	M38	Z	.515	.515	0 %100
77	M39	X	-.858	-.858	0 %100
78	M39	Z	1.486	1.486	0 %100
79	M40	X	-.858	-.858	0 %100
80	M40	Z	1.486	1.486	0 %100
81	M44	X	-.128	-.128	0 %100
82	M44	Z	.221	.221	0 %100
83	M51	X	-.356	-.356	0 %100
84	M51	Z	.617	.617	0 %100
85	M52	X	-.356	-.356	0 %100
86	M52	Z	.617	.617	0 %100
87	M53	X	-.356	-.356	0 %100
88	M53	Z	.617	.617	0 %100
89	M54	X	-1.614	-1.614	0 %100
90	M54	Z	2.795	2.795	0 %100
91	M92	X	-1.381	-1.381	0 %100
92	M92	Z	2.391	2.391	0 %100
93	M92A	X	-1.381	-1.381	0 %100
94	M92A	Z	2.391	2.391	0 %100
95	M94	X	-1.069	-1.069	0 %100
96	M94	Z	1.851	1.851	0 %100
97	M95	X	-1.069	-1.069	0 %100
98	M95	Z	1.851	1.851	0 %100
99	M96	X	-1.069	-1.069	0 %100
100	M96	Z	1.851	1.851	0 %100
101	M97	X	-.538	-.538	0 %100
102	M97	Z	.932	.932	0 %100
103	M98	X	-.356	-.356	0 %100
104	M98	Z	.617	.617	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, %]
105	M99	X	-.356	-.356	0 %100
106	M99	Z	.617	.617	0 %100
107	M100	X	-.356	-.356	0 %100
108	M100	Z	.617	.617	0 %100
109	M101	X	-1.614	-1.614	0 %100
110	M101	Z	2.795	2.795	0 %100
111	M102	X	-1.069	-1.069	0 %100
112	M102	Z	1.851	1.851	0 %100
113	M103	X	-1.069	-1.069	0 %100
114	M103	Z	1.851	1.851	0 %100
115	M104	X	-1.069	-1.069	0 %100
116	M104	Z	1.851	1.851	0 %100
117	M105	X	-.538	-.538	0 %100
118	M105	Z	.932	.932	0 %100
119	M74	X	-1.779	-1.779	0 %100
120	M74	Z	3.082	3.082	0 %100
121	M75	X	-.128	-.128	0 %100
122	M75	Z	.221	.221	0 %100
123	M76	X	-1.779	-1.779	0 %100
124	M76	Z	3.082	3.082	0 %100
125	M78	X	-2.142	-2.142	0 %100
126	M78	Z	3.71	3.71	0 %100
127	M79	X	-1.864	-1.864	0 %100
128	M79	Z	3.228	3.228	0 %100
129	M80	X	-2.142	-2.142	0 %100
130	M80	Z	3.71	3.71	0 %100
131	M81	X	-1.864	-1.864	0 %100
132	M81	Z	3.228	3.228	0 %100
133	M91	X	-1.381	-1.381	0 %100
134	M91	Z	2.391	2.391	0 %100
135	M92B	X	-1.381	-1.381	0 %100
136	M92B	Z	2.391	2.391	0 %100
137	M93B	X	-1.381	-1.381	0 %100
138	M93B	Z	2.391	2.391	0 %100
139	M94A	X	-1.381	-1.381	0 %100
140	M94A	Z	2.391	2.391	0 %100
141	MP4C	X	-1.527	-1.527	0 %100
142	MP4C	Z	2.646	2.646	0 %100
143	MP3C	X	-1.381	-1.381	0 %100
144	MP3C	Z	2.391	2.391	0 %100
145	MP2C	X	-1.381	-1.381	0 %100
146	MP2C	Z	2.391	2.391	0 %100
147	MP1C	X	-1.381	-1.381	0 %100
148	MP1C	Z	2.391	2.391	0 %100
149	MP4B	X	-1.527	-1.527	0 %100
150	MP4B	Z	2.646	2.646	0 %100
151	MP3B	X	-1.381	-1.381	0 %100
152	MP3B	Z	2.391	2.391	0 %100
153	MP2B	X	-1.381	-1.381	0 %100
154	MP2B	Z	2.391	2.391	0 %100
155	MP1B	X	-1.381	-1.381	0 %100
156	MP1B	Z	2.391	2.391	0 %100
157	MP4A	X	-1.527	-1.527	0 %100
158	MP4A	Z	2.646	2.646	0 %100
159	MP3A	X	-1.381	-1.381	0 %100
160	MP3A	Z	2.391	2.391	0 %100
161	MP2A	X	-1.381	-1.381	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.%,]
162	MP2A	Z	2.391	2.391	0	%100
163	MP1A	X	-1.381	-1.381	0	%100
164	MP1A	Z	2.391	2.391	0	%100
165	M123	X	-.032	-.032	0	%100
166	M123	Z	.056	.056	0	%100
167	M124	X	-.45	-.45	0	%100
168	M124	Z	.779	.779	0	%100
169	M125	X	-.032	-.032	0	%100
170	M125	Z	.056	.056	0	%100
171	M126	X	-.45	-.45	0	%100
172	M126	Z	.779	.779	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	-.826	-.826	0	%100
2	M1	Z	.477	.477	0	%100
3	M2	X	-.561	-.561	0	%100
4	M2	Z	.324	.324	0	%100
5	M3	X	-1.144	-1.144	0	%100
6	M3	Z	.66	.66	0	%100
7	M4	X	-1.972	-1.972	0	%100
8	M4	Z	1.139	1.139	0	%100
9	M5	X	-1.972	-1.972	0	%100
10	M5	Z	1.139	1.139	0	%100
11	M6	X	-1.972	-1.972	0	%100
12	M6	Z	1.139	1.139	0	%100
13	M7	X	-.515	-.515	0	%100
14	M7	Z	.297	.297	0	%100
15	M8	X	-.515	-.515	0	%100
16	M8	Z	.297	.297	0	%100
17	M9	X	-1.486	-1.486	0	%100
18	M9	Z	.858	.858	0	%100
19	M10	X	-1.486	-1.486	0	%100
20	M10	Z	.858	.858	0	%100
21	M11	X	-2.477	-2.477	0	%100
22	M11	Z	1.43	1.43	0	%100
23	M12	X	-1.682	-1.682	0	%100
24	M12	Z	.971	.971	0	%100
25	M13	X	-3.431	-3.431	0	%100
26	M13	Z	1.981	1.981	0	%100
27	M14	X	-1.972	-1.972	0	%100
28	M14	Z	1.139	1.139	0	%100
29	M15	X	-1.972	-1.972	0	%100
30	M15	Z	1.139	1.139	0	%100
31	M16	X	-1.972	-1.972	0	%100
32	M16	Z	1.139	1.139	0	%100
33	M17	X	-1.545	-1.545	0	%100
34	M17	Z	.892	.892	0	%100
35	M18	X	-1.545	-1.545	0	%100
36	M18	Z	.892	.892	0	%100
37	M19	X	-1.948	-1.948	0	%100
38	M19	Z	1.125	1.125	0	%100
39	M20	X	-1.948	-1.948	0	%100
40	M20	Z	1.125	1.125	0	%100
41	M21	X	-.826	-.826	0	%100
42	M21	Z	.477	.477	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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, %]
43	M22	X	-.561	-.561	0 %100
44	M22	Z	.324	.324	0 %100
45	M23	X	-1.144	-1.144	0 %100
46	M23	Z	.66	.66	0 %100
47	M24	X	-1.972	-1.972	0 %100
48	M24	Z	1.139	1.139	0 %100
49	M25	X	-1.972	-1.972	0 %100
50	M25	Z	1.139	1.139	0 %100
51	M26	X	-1.972	-1.972	0 %100
52	M26	Z	1.139	1.139	0 %100
53	M27	X	-.515	-.515	0 %100
54	M27	Z	.297	.297	0 %100
55	M28	X	-.515	-.515	0 %100
56	M28	Z	.297	.297	0 %100
57	M29	X	-1.486	-1.486	0 %100
58	M29	Z	.858	.858	0 %100
59	M30	X	-1.486	-1.486	0 %100
60	M30	Z	.858	.858	0 %100
61	M31	X	-2.477	-2.477	0 %100
62	M31	Z	1.43	1.43	0 %100
63	M32	X	-1.682	-1.682	0 %100
64	M32	Z	.971	.971	0 %100
65	M33	X	-3.431	-3.431	0 %100
66	M33	Z	1.981	1.981	0 %100
67	M34	X	-1.972	-1.972	0 %100
68	M34	Z	1.139	1.139	0 %100
69	M35	X	-1.972	-1.972	0 %100
70	M35	Z	1.139	1.139	0 %100
71	M36	X	-1.972	-1.972	0 %100
72	M36	Z	1.139	1.139	0 %100
73	M37	X	-1.545	-1.545	0 %100
74	M37	Z	.892	.892	0 %100
75	M38	X	-1.545	-1.545	0 %100
76	M38	Z	.892	.892	0 %100
77	M39	X	-1.948	-1.948	0 %100
78	M39	Z	1.125	1.125	0 %100
79	M40	X	-1.948	-1.948	0 %100
80	M40	Z	1.125	1.125	0 %100
81	M44	X	-.221	-.221	0 %100
82	M44	Z	.128	.128	0 %100
83	M51	X	-1.851	-1.851	0 %100
84	M51	Z	1.069	1.069	0 %100
85	M52	X	-1.851	-1.851	0 %100
86	M52	Z	1.069	1.069	0 %100
87	M53	X	-1.851	-1.851	0 %100
88	M53	Z	1.069	1.069	0 %100
89	M54	X	-.932	-.932	0 %100
90	M54	Z	.538	.538	0 %100
91	M92	X	-2.391	-2.391	0 %100
92	M92	Z	1.381	1.381	0 %100
93	M92A	X	-2.391	-2.391	0 %100
94	M92A	Z	1.381	1.381	0 %100
95	M94	X	-.617	-.617	0 %100
96	M94	Z	.356	.356	0 %100
97	M95	X	-.617	-.617	0 %100
98	M95	Z	.356	.356	0 %100
99	M96	X	-.617	-.617	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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, %]
100	M96	Z	.356	.356	0 %100
101	M97	X	-2.795	-2.795	0 %100
102	M97	Z	1.614	1.614	0 %100
103	M98	X	-1.851	-1.851	0 %100
104	M98	Z	1.069	1.069	0 %100
105	M99	X	-1.851	-1.851	0 %100
106	M99	Z	1.069	1.069	0 %100
107	M100	X	-1.851	-1.851	0 %100
108	M100	Z	1.069	1.069	0 %100
109	M101	X	-.932	-.932	0 %100
110	M101	Z	.538	.538	0 %100
111	M102	X	-.617	-.617	0 %100
112	M102	Z	.356	.356	0 %100
113	M103	X	-.617	-.617	0 %100
114	M103	Z	.356	.356	0 %100
115	M104	X	-.617	-.617	0 %100
116	M104	Z	.356	.356	0 %100
117	M105	X	-2.795	-2.795	0 %100
118	M105	Z	1.614	1.614	0 %100
119	M74	X	-3.082	-3.082	0 %100
120	M74	Z	1.779	1.779	0 %100
121	M75	X	-.221	-.221	0 %100
122	M75	Z	.128	.128	0 %100
123	M76	X	-3.082	-3.082	0 %100
124	M76	Z	1.779	1.779	0 %100
125	M78	X	-3.71	-3.71	0 %100
126	M78	Z	2.142	2.142	0 %100
127	M79	X	-3.228	-3.228	0 %100
128	M79	Z	1.864	1.864	0 %100
129	M80	X	-3.71	-3.71	0 %100
130	M80	Z	2.142	2.142	0 %100
131	M81	X	-3.228	-3.228	0 %100
132	M81	Z	1.864	1.864	0 %100
133	M91	X	-2.391	-2.391	0 %100
134	M91	Z	1.381	1.381	0 %100
135	M92B	X	-2.391	-2.391	0 %100
136	M92B	Z	1.381	1.381	0 %100
137	M93B	X	-2.391	-2.391	0 %100
138	M93B	Z	1.381	1.381	0 %100
139	M94A	X	-2.391	-2.391	0 %100
140	M94A	Z	1.381	1.381	0 %100
141	MP4C	X	-2.646	-2.646	0 %100
142	MP4C	Z	1.527	1.527	0 %100
143	MP3C	X	-2.391	-2.391	0 %100
144	MP3C	Z	1.381	1.381	0 %100
145	MP2C	X	-2.391	-2.391	0 %100
146	MP2C	Z	1.381	1.381	0 %100
147	MP1C	X	-2.391	-2.391	0 %100
148	MP1C	Z	1.381	1.381	0 %100
149	MP4B	X	-2.646	-2.646	0 %100
150	MP4B	Z	1.527	1.527	0 %100
151	MP3B	X	-2.391	-2.391	0 %100
152	MP3B	Z	1.381	1.381	0 %100
153	MP2B	X	-2.391	-2.391	0 %100
154	MP2B	Z	1.381	1.381	0 %100
155	MP1B	X	-2.391	-2.391	0 %100
156	MP1B	Z	1.381	1.381	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
157	MP4A	X	-2.646	-2.646	0	%100
158	MP4A	Z	1.527	1.527	0	%100
159	MP3A	X	-2.391	-2.391	0	%100
160	MP3A	Z	1.381	1.381	0	%100
161	MP2A	X	-2.391	-2.391	0	%100
162	MP2A	Z	1.381	1.381	0	%100
163	MP1A	X	-2.391	-2.391	0	%100
164	MP1A	Z	1.381	1.381	0	%100
165	M123	X	-.056	-.056	0	%100
166	M123	Z	.032	.032	0	%100
167	M124	X	-.779	-.779	0	%100
168	M124	Z	.45	.45	0	%100
169	M125	X	-.056	-.056	0	%100
170	M125	Z	.032	.032	0	%100
171	M126	X	-.779	-.779	0	%100
172	M126	Z	.45	.45	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-2.277	-2.277	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-2.277	-2.277	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-2.277	-2.277	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-1.448	-1.448	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	-1.448	-1.448	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	-3.814	-3.814	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	-2.59	-2.59	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	-5.283	-5.283	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	-2.277	-2.277	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	-2.277	-2.277	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	-2.277	-2.277	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	-2.378	-2.378	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	-2.378	-2.378	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	-2.517	-2.517	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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.%]	
38	M19	Z	0	0	0	%100
39	M20	X	-2.517	-2.517	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	-2.277	-2.277	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	-2.277	-2.277	0	%100
50	M25	Z	0	0	0	%100
51	M26	X	-2.277	-2.277	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	-1.448	-1.448	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	-1.448	-1.448	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	-3.814	-3.814	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	-2.59	-2.59	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	-5.283	-5.283	0	%100
66	M33	Z	0	0	0	%100
67	M34	X	-2.277	-2.277	0	%100
68	M34	Z	0	0	0	%100
69	M35	X	-2.277	-2.277	0	%100
70	M35	Z	0	0	0	%100
71	M36	X	-2.277	-2.277	0	%100
72	M36	Z	0	0	0	%100
73	M37	X	-2.378	-2.378	0	%100
74	M37	Z	0	0	0	%100
75	M38	X	-2.378	-2.378	0	%100
76	M38	Z	0	0	0	%100
77	M39	X	-2.517	-2.517	0	%100
78	M39	Z	0	0	0	%100
79	M40	X	-2.517	-2.517	0	%100
80	M40	Z	0	0	0	%100
81	M44	X	-1.907	-1.907	0	%100
82	M44	Z	0	0	0	%100
83	M51	X	-2.849	-2.849	0	%100
84	M51	Z	0	0	0	%100
85	M52	X	-2.849	-2.849	0	%100
86	M52	Z	0	0	0	%100
87	M53	X	-2.849	-2.849	0	%100
88	M53	Z	0	0	0	%100
89	M54	X	0	0	0	%100
90	M54	Z	0	0	0	%100
91	M92	X	-2.761	-2.761	0	%100
92	M92	Z	0	0	0	%100
93	M92A	X	-2.761	-2.761	0	%100
94	M92A	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.%,]
95	M94	X	0	0	0	%100
96	M94	Z	0	0	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	0	0	0	%100
101	M97	X	-4.304	-4.304	0	%100
102	M97	Z	0	0	0	%100
103	M98	X	-2.849	-2.849	0	%100
104	M98	Z	0	0	0	%100
105	M99	X	-2.849	-2.849	0	%100
106	M99	Z	0	0	0	%100
107	M100	X	-2.849	-2.849	0	%100
108	M100	Z	0	0	0	%100
109	M101	X	0	0	0	%100
110	M101	Z	0	0	0	%100
111	M102	X	0	0	0	%100
112	M102	Z	0	0	0	%100
113	M103	X	0	0	0	%100
114	M103	Z	0	0	0	%100
115	M104	X	0	0	0	%100
116	M104	Z	0	0	0	%100
117	M105	X	-4.304	-4.304	0	%100
118	M105	Z	0	0	0	%100
119	M74	X	-1.907	-1.907	0	%100
120	M74	Z	0	0	0	%100
121	M75	X	-1.907	-1.907	0	%100
122	M75	Z	0	0	0	%100
123	M76	X	-1.907	-1.907	0	%100
124	M76	Z	0	0	0	%100
125	M78	X	-4.006	-4.006	0	%100
126	M78	Z	0	0	0	%100
127	M79	X	-4.006	-4.006	0	%100
128	M79	Z	0	0	0	%100
129	M80	X	-4.006	-4.006	0	%100
130	M80	Z	0	0	0	%100
131	M81	X	-4.006	-4.006	0	%100
132	M81	Z	0	0	0	%100
133	M91	X	-2.761	-2.761	0	%100
134	M91	Z	0	0	0	%100
135	M92B	X	-2.761	-2.761	0	%100
136	M92B	Z	0	0	0	%100
137	M93B	X	-2.761	-2.761	0	%100
138	M93B	Z	0	0	0	%100
139	M94A	X	-2.761	-2.761	0	%100
140	M94A	Z	0	0	0	%100
141	MP4C	X	-3.055	-3.055	0	%100
142	MP4C	Z	0	0	0	%100
143	MP3C	X	-2.761	-2.761	0	%100
144	MP3C	Z	0	0	0	%100
145	MP2C	X	-2.761	-2.761	0	%100
146	MP2C	Z	0	0	0	%100
147	MP1C	X	-2.761	-2.761	0	%100
148	MP1C	Z	0	0	0	%100
149	MP4B	X	-3.055	-3.055	0	%100
150	MP4B	Z	0	0	0	%100
151	MP3B	X	-2.761	-2.761	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.%]
152	MP3B	Z	0	0	0	%100
153	MP2B	X	-2.761	-2.761	0	%100
154	MP2B	Z	0	0	0	%100
155	MP1B	X	-2.761	-2.761	0	%100
156	MP1B	Z	0	0	0	%100
157	MP4A	X	-3.055	-3.055	0	%100
158	MP4A	Z	0	0	0	%100
159	MP3A	X	-2.761	-2.761	0	%100
160	MP3A	Z	0	0	0	%100
161	MP2A	X	-2.761	-2.761	0	%100
162	MP2A	Z	0	0	0	%100
163	MP1A	X	-2.761	-2.761	0	%100
164	MP1A	Z	0	0	0	%100
165	M123	X	-.482	-.482	0	%100
166	M123	Z	0	0	0	%100
167	M124	X	-.482	-.482	0	%100
168	M124	Z	0	0	0	%100
169	M125	X	-.482	-.482	0	%100
170	M125	Z	0	0	0	%100
171	M126	X	-.482	-.482	0	%100
172	M126	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-.826	-.826	0	%100
2	M1	Z	-.477	-.477	0	%100
3	M2	X	-.561	-.561	0	%100
4	M2	Z	-.324	-.324	0	%100
5	M3	X	-1.144	-1.144	0	%100
6	M3	Z	-.66	-.66	0	%100
7	M4	X	-1.972	-1.972	0	%100
8	M4	Z	-1.139	-1.139	0	%100
9	M5	X	-1.972	-1.972	0	%100
10	M5	Z	-1.139	-1.139	0	%100
11	M6	X	-1.972	-1.972	0	%100
12	M6	Z	-1.139	-1.139	0	%100
13	M7	X	-.515	-.515	0	%100
14	M7	Z	-.297	-.297	0	%100
15	M8	X	-.515	-.515	0	%100
16	M8	Z	-.297	-.297	0	%100
17	M9	X	-1.486	-1.486	0	%100
18	M9	Z	-.858	-.858	0	%100
19	M10	X	-1.486	-1.486	0	%100
20	M10	Z	-.858	-.858	0	%100
21	M11	X	-2.477	-2.477	0	%100
22	M11	Z	-1.43	-1.43	0	%100
23	M12	X	-1.682	-1.682	0	%100
24	M12	Z	-.971	-.971	0	%100
25	M13	X	-3.431	-3.431	0	%100
26	M13	Z	-1.981	-1.981	0	%100
27	M14	X	-1.972	-1.972	0	%100
28	M14	Z	-1.139	-1.139	0	%100
29	M15	X	-1.972	-1.972	0	%100
30	M15	Z	-1.139	-1.139	0	%100
31	M16	X	-1.972	-1.972	0	%100
32	M16	Z	-1.139	-1.139	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%]	End Location[ft.%]
33	M17	X	-1.545	-1.545	0 %100
34	M17	Z	-.892	-.892	0 %100
35	M18	X	-1.545	-1.545	0 %100
36	M18	Z	-.892	-.892	0 %100
37	M19	X	-1.948	-1.948	0 %100
38	M19	Z	-1.125	-1.125	0 %100
39	M20	X	-1.948	-1.948	0 %100
40	M20	Z	-1.125	-1.125	0 %100
41	M21	X	-.826	-.826	0 %100
42	M21	Z	-.477	-.477	0 %100
43	M22	X	-.561	-.561	0 %100
44	M22	Z	-.324	-.324	0 %100
45	M23	X	-1.144	-1.144	0 %100
46	M23	Z	-.66	-.66	0 %100
47	M24	X	-1.972	-1.972	0 %100
48	M24	Z	-1.139	-1.139	0 %100
49	M25	X	-1.972	-1.972	0 %100
50	M25	Z	-1.139	-1.139	0 %100
51	M26	X	-1.972	-1.972	0 %100
52	M26	Z	-1.139	-1.139	0 %100
53	M27	X	-.515	-.515	0 %100
54	M27	Z	-.297	-.297	0 %100
55	M28	X	-.515	-.515	0 %100
56	M28	Z	-.297	-.297	0 %100
57	M29	X	-1.486	-1.486	0 %100
58	M29	Z	-.858	-.858	0 %100
59	M30	X	-1.486	-1.486	0 %100
60	M30	Z	-.858	-.858	0 %100
61	M31	X	-2.477	-2.477	0 %100
62	M31	Z	-1.43	-1.43	0 %100
63	M32	X	-1.682	-1.682	0 %100
64	M32	Z	-.971	-.971	0 %100
65	M33	X	-3.431	-3.431	0 %100
66	M33	Z	-1.981	-1.981	0 %100
67	M34	X	-1.972	-1.972	0 %100
68	M34	Z	-1.139	-1.139	0 %100
69	M35	X	-1.972	-1.972	0 %100
70	M35	Z	-1.139	-1.139	0 %100
71	M36	X	-1.972	-1.972	0 %100
72	M36	Z	-1.139	-1.139	0 %100
73	M37	X	-1.545	-1.545	0 %100
74	M37	Z	-.892	-.892	0 %100
75	M38	X	-1.545	-1.545	0 %100
76	M38	Z	-.892	-.892	0 %100
77	M39	X	-1.948	-1.948	0 %100
78	M39	Z	-1.125	-1.125	0 %100
79	M40	X	-1.948	-1.948	0 %100
80	M40	Z	-1.125	-1.125	0 %100
81	M44	X	-3.082	-3.082	0 %100
82	M44	Z	-1.779	-1.779	0 %100
83	M51	X	-1.851	-1.851	0 %100
84	M51	Z	-1.069	-1.069	0 %100
85	M52	X	-1.851	-1.851	0 %100
86	M52	Z	-1.069	-1.069	0 %100
87	M53	X	-1.851	-1.851	0 %100
88	M53	Z	-1.069	-1.069	0 %100
89	M54	X	-.932	-.932	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, %]
90	M54	Z	-.538	-.538	0 %100
91	M92	X	-2.391	-2.391	0 %100
92	M92	Z	-1.381	-1.381	0 %100
93	M92A	X	-2.391	-2.391	0 %100
94	M92A	Z	-1.381	-1.381	0 %100
95	M94	X	-.617	-.617	0 %100
96	M94	Z	-.356	-.356	0 %100
97	M95	X	-.617	-.617	0 %100
98	M95	Z	-.356	-.356	0 %100
99	M96	X	-.617	-.617	0 %100
100	M96	Z	-.356	-.356	0 %100
101	M97	X	-2.795	-2.795	0 %100
102	M97	Z	-1.614	-1.614	0 %100
103	M98	X	-1.851	-1.851	0 %100
104	M98	Z	-1.069	-1.069	0 %100
105	M99	X	-1.851	-1.851	0 %100
106	M99	Z	-1.069	-1.069	0 %100
107	M100	X	-1.851	-1.851	0 %100
108	M100	Z	-1.069	-1.069	0 %100
109	M101	X	-.932	-.932	0 %100
110	M101	Z	-.538	-.538	0 %100
111	M102	X	-.617	-.617	0 %100
112	M102	Z	-.356	-.356	0 %100
113	M103	X	-.617	-.617	0 %100
114	M103	Z	-.356	-.356	0 %100
115	M104	X	-.617	-.617	0 %100
116	M104	Z	-.356	-.356	0 %100
117	M105	X	-2.795	-2.795	0 %100
118	M105	Z	-1.614	-1.614	0 %100
119	M74	X	-.221	-.221	0 %100
120	M74	Z	-.128	-.128	0 %100
121	M75	X	-3.082	-3.082	0 %100
122	M75	Z	-1.779	-1.779	0 %100
123	M76	X	-.221	-.221	0 %100
124	M76	Z	-.128	-.128	0 %100
125	M78	X	-3.228	-3.228	0 %100
126	M78	Z	-1.864	-1.864	0 %100
127	M79	X	-3.71	-3.71	0 %100
128	M79	Z	-2.142	-2.142	0 %100
129	M80	X	-3.228	-3.228	0 %100
130	M80	Z	-1.864	-1.864	0 %100
131	M81	X	-3.71	-3.71	0 %100
132	M81	Z	-2.142	-2.142	0 %100
133	M91	X	-2.391	-2.391	0 %100
134	M91	Z	-1.381	-1.381	0 %100
135	M92B	X	-2.391	-2.391	0 %100
136	M92B	Z	-1.381	-1.381	0 %100
137	M93B	X	-2.391	-2.391	0 %100
138	M93B	Z	-1.381	-1.381	0 %100
139	M94A	X	-2.391	-2.391	0 %100
140	M94A	Z	-1.381	-1.381	0 %100
141	MP4C	X	-2.646	-2.646	0 %100
142	MP4C	Z	-1.527	-1.527	0 %100
143	MP3C	X	-2.391	-2.391	0 %100
144	MP3C	Z	-1.381	-1.381	0 %100
145	MP2C	X	-2.391	-2.391	0 %100
146	MP2C	Z	-1.381	-1.381	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.%]
147	MP1C	X	-2.391	-2.391	0	%100
148	MP1C	Z	-1.381	-1.381	0	%100
149	MP4B	X	-2.646	-2.646	0	%100
150	MP4B	Z	-1.527	-1.527	0	%100
151	MP3B	X	-2.391	-2.391	0	%100
152	MP3B	Z	-1.381	-1.381	0	%100
153	MP2B	X	-2.391	-2.391	0	%100
154	MP2B	Z	-1.381	-1.381	0	%100
155	MP1B	X	-2.391	-2.391	0	%100
156	MP1B	Z	-1.381	-1.381	0	%100
157	MP4A	X	-2.646	-2.646	0	%100
158	MP4A	Z	-1.527	-1.527	0	%100
159	MP3A	X	-2.391	-2.391	0	%100
160	MP3A	Z	-1.381	-1.381	0	%100
161	MP2A	X	-2.391	-2.391	0	%100
162	MP2A	Z	-1.381	-1.381	0	%100
163	MP1A	X	-2.391	-2.391	0	%100
164	MP1A	Z	-1.381	-1.381	0	%100
165	M123	X	-.779	-.779	0	%100
166	M123	Z	-.45	-.45	0	%100
167	M124	X	-.056	-.056	0	%100
168	M124	Z	-.032	-.032	0	%100
169	M125	X	-.779	-.779	0	%100
170	M125	Z	-.45	-.45	0	%100
171	M126	X	-.056	-.056	0	%100
172	M126	Z	-.032	-.032	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-1.43	-1.43	0	%100
2	M1	Z	-2.477	-2.477	0	%100
3	M2	X	-.971	-.971	0	%100
4	M2	Z	-1.682	-1.682	0	%100
5	M3	X	-1.981	-1.981	0	%100
6	M3	Z	-3.431	-3.431	0	%100
7	M4	X	-1.139	-1.139	0	%100
8	M4	Z	-1.972	-1.972	0	%100
9	M5	X	-1.139	-1.139	0	%100
10	M5	Z	-1.972	-1.972	0	%100
11	M6	X	-1.139	-1.139	0	%100
12	M6	Z	-1.972	-1.972	0	%100
13	M7	X	-.892	-.892	0	%100
14	M7	Z	-1.545	-1.545	0	%100
15	M8	X	-.892	-.892	0	%100
16	M8	Z	-1.545	-1.545	0	%100
17	M9	X	-1.125	-1.125	0	%100
18	M9	Z	-1.948	-1.948	0	%100
19	M10	X	-1.125	-1.125	0	%100
20	M10	Z	-1.948	-1.948	0	%100
21	M11	X	-.477	-.477	0	%100
22	M11	Z	-.826	-.826	0	%100
23	M12	X	-.324	-.324	0	%100
24	M12	Z	-.561	-.561	0	%100
25	M13	X	-.66	-.66	0	%100
26	M13	Z	-1.144	-1.144	0	%100
27	M14	X	-1.139	-1.139	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
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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.%]
28	M14	Z	-1.972	-1.972	0 %100
29	M15	X	-1.139	-1.139	0 %100
30	M15	Z	-1.972	-1.972	0 %100
31	M16	X	-1.139	-1.139	0 %100
32	M16	Z	-1.972	-1.972	0 %100
33	M17	X	-.297	-.297	0 %100
34	M17	Z	-.515	-.515	0 %100
35	M18	X	-.297	-.297	0 %100
36	M18	Z	-.515	-.515	0 %100
37	M19	X	-.858	-.858	0 %100
38	M19	Z	-1.486	-1.486	0 %100
39	M20	X	-.858	-.858	0 %100
40	M20	Z	-1.486	-1.486	0 %100
41	M21	X	-1.43	-1.43	0 %100
42	M21	Z	-2.477	-2.477	0 %100
43	M22	X	-.971	-.971	0 %100
44	M22	Z	-1.682	-1.682	0 %100
45	M23	X	-1.981	-1.981	0 %100
46	M23	Z	-3.431	-3.431	0 %100
47	M24	X	-1.139	-1.139	0 %100
48	M24	Z	-1.972	-1.972	0 %100
49	M25	X	-1.139	-1.139	0 %100
50	M25	Z	-1.972	-1.972	0 %100
51	M26	X	-1.139	-1.139	0 %100
52	M26	Z	-1.972	-1.972	0 %100
53	M27	X	-.892	-.892	0 %100
54	M27	Z	-1.545	-1.545	0 %100
55	M28	X	-.892	-.892	0 %100
56	M28	Z	-1.545	-1.545	0 %100
57	M29	X	-1.125	-1.125	0 %100
58	M29	Z	-1.948	-1.948	0 %100
59	M30	X	-1.125	-1.125	0 %100
60	M30	Z	-1.948	-1.948	0 %100
61	M31	X	-.477	-.477	0 %100
62	M31	Z	-.826	-.826	0 %100
63	M32	X	-.324	-.324	0 %100
64	M32	Z	-.561	-.561	0 %100
65	M33	X	-.66	-.66	0 %100
66	M33	Z	-1.144	-1.144	0 %100
67	M34	X	-1.139	-1.139	0 %100
68	M34	Z	-1.972	-1.972	0 %100
69	M35	X	-1.139	-1.139	0 %100
70	M35	Z	-1.972	-1.972	0 %100
71	M36	X	-1.139	-1.139	0 %100
72	M36	Z	-1.972	-1.972	0 %100
73	M37	X	-.297	-.297	0 %100
74	M37	Z	-.515	-.515	0 %100
75	M38	X	-.297	-.297	0 %100
76	M38	Z	-.515	-.515	0 %100
77	M39	X	-.858	-.858	0 %100
78	M39	Z	-1.486	-1.486	0 %100
79	M40	X	-.858	-.858	0 %100
80	M40	Z	-1.486	-1.486	0 %100
81	M44	X	-1.779	-1.779	0 %100
82	M44	Z	-3.082	-3.082	0 %100
83	M51	X	-.356	-.356	0 %100
84	M51	Z	-.617	-.617	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, %]
85	M52	X	-0.356	-0.356	0 %100
86	M52	Z	-0.617	-0.617	0 %100
87	M53	X	-0.356	-0.356	0 %100
88	M53	Z	-0.617	-0.617	0 %100
89	M54	X	-1.614	-1.614	0 %100
90	M54	Z	-2.795	-2.795	0 %100
91	M92	X	-1.381	-1.381	0 %100
92	M92	Z	-2.391	-2.391	0 %100
93	M92A	X	-1.381	-1.381	0 %100
94	M92A	Z	-2.391	-2.391	0 %100
95	M94	X	-1.069	-1.069	0 %100
96	M94	Z	-1.851	-1.851	0 %100
97	M95	X	-1.069	-1.069	0 %100
98	M95	Z	-1.851	-1.851	0 %100
99	M96	X	-1.069	-1.069	0 %100
100	M96	Z	-1.851	-1.851	0 %100
101	M97	X	-0.538	-0.538	0 %100
102	M97	Z	-0.932	-0.932	0 %100
103	M98	X	-0.356	-0.356	0 %100
104	M98	Z	-0.617	-0.617	0 %100
105	M99	X	-0.356	-0.356	0 %100
106	M99	Z	-0.617	-0.617	0 %100
107	M100	X	-0.356	-0.356	0 %100
108	M100	Z	-0.617	-0.617	0 %100
109	M101	X	-1.614	-1.614	0 %100
110	M101	Z	-2.795	-2.795	0 %100
111	M102	X	-1.069	-1.069	0 %100
112	M102	Z	-1.851	-1.851	0 %100
113	M103	X	-1.069	-1.069	0 %100
114	M103	Z	-1.851	-1.851	0 %100
115	M104	X	-1.069	-1.069	0 %100
116	M104	Z	-1.851	-1.851	0 %100
117	M105	X	-0.538	-0.538	0 %100
118	M105	Z	-0.932	-0.932	0 %100
119	M74	X	-0.128	-0.128	0 %100
120	M74	Z	-0.221	-0.221	0 %100
121	M75	X	-1.779	-1.779	0 %100
122	M75	Z	-3.082	-3.082	0 %100
123	M76	X	-0.128	-0.128	0 %100
124	M76	Z	-0.221	-0.221	0 %100
125	M78	X	-1.864	-1.864	0 %100
126	M78	Z	-3.228	-3.228	0 %100
127	M79	X	-2.142	-2.142	0 %100
128	M79	Z	-3.71	-3.71	0 %100
129	M80	X	-1.864	-1.864	0 %100
130	M80	Z	-3.228	-3.228	0 %100
131	M81	X	-2.142	-2.142	0 %100
132	M81	Z	-3.71	-3.71	0 %100
133	M91	X	-1.381	-1.381	0 %100
134	M91	Z	-2.391	-2.391	0 %100
135	M92B	X	-1.381	-1.381	0 %100
136	M92B	Z	-2.391	-2.391	0 %100
137	M93B	X	-1.381	-1.381	0 %100
138	M93B	Z	-2.391	-2.391	0 %100
139	M94A	X	-1.381	-1.381	0 %100
140	M94A	Z	-2.391	-2.391	0 %100
141	MP4C	X	-1.527	-1.527	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.%,]
142	MP4C	Z	-2.646	-2.646	0	%100
143	MP3C	X	-1.381	-1.381	0	%100
144	MP3C	Z	-2.391	-2.391	0	%100
145	MP2C	X	-1.381	-1.381	0	%100
146	MP2C	Z	-2.391	-2.391	0	%100
147	MP1C	X	-1.381	-1.381	0	%100
148	MP1C	Z	-2.391	-2.391	0	%100
149	MP4B	X	-1.527	-1.527	0	%100
150	MP4B	Z	-2.646	-2.646	0	%100
151	MP3B	X	-1.381	-1.381	0	%100
152	MP3B	Z	-2.391	-2.391	0	%100
153	MP2B	X	-1.381	-1.381	0	%100
154	MP2B	Z	-2.391	-2.391	0	%100
155	MP1B	X	-1.381	-1.381	0	%100
156	MP1B	Z	-2.391	-2.391	0	%100
157	MP4A	X	-1.527	-1.527	0	%100
158	MP4A	Z	-2.646	-2.646	0	%100
159	MP3A	X	-1.381	-1.381	0	%100
160	MP3A	Z	-2.391	-2.391	0	%100
161	MP2A	X	-1.381	-1.381	0	%100
162	MP2A	Z	-2.391	-2.391	0	%100
163	MP1A	X	-1.381	-1.381	0	%100
164	MP1A	Z	-2.391	-2.391	0	%100
165	M123	X	-.45	-.45	0	%100
166	M123	Z	-.779	-.779	0	%100
167	M124	X	-.032	-.032	0	%100
168	M124	Z	-.056	-.056	0	%100
169	M125	X	-.45	-.45	0	%100
170	M125	Z	-.779	-.779	0	%100
171	M126	X	-.032	-.032	0	%100
172	M126	Z	-.056	-.056	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	0	0	0	%100
2	M1	Z	-.881	-.881	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-.441	-.441	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-1.41	-1.41	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-.403	-.403	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-.403	-.403	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-.403	-.403	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-.42	-.42	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-.42	-.42	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-.441	-.441	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	-.441	-.441	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
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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, %]
23	M12	X	0	0	%100
24	M12	Z	0	0	%100
25	M13	X	0	0	%100
26	M13	Z	0	0	%100
27	M14	X	0	0	%100
28	M14	Z	-.403	-.403	%100
29	M15	X	0	0	%100
30	M15	Z	-.403	-.403	%100
31	M16	X	0	0	%100
32	M16	Z	-.403	-.403	%100
33	M17	X	0	0	%100
34	M17	Z	0	0	%100
35	M18	X	0	0	%100
36	M18	Z	0	0	%100
37	M19	X	0	0	%100
38	M19	Z	-.254	-.254	%100
39	M20	X	0	0	%100
40	M20	Z	-.254	-.254	%100
41	M21	X	0	0	%100
42	M21	Z	-.881	-.881	%100
43	M22	X	0	0	%100
44	M22	Z	-.441	-.441	%100
45	M23	X	0	0	%100
46	M23	Z	-1.41	-1.41	%100
47	M24	X	0	0	%100
48	M24	Z	-.403	-.403	%100
49	M25	X	0	0	%100
50	M25	Z	-.403	-.403	%100
51	M26	X	0	0	%100
52	M26	Z	-.403	-.403	%100
53	M27	X	0	0	%100
54	M27	Z	-.42	-.42	%100
55	M28	X	0	0	%100
56	M28	Z	-.42	-.42	%100
57	M29	X	0	0	%100
58	M29	Z	-.441	-.441	%100
59	M30	X	0	0	%100
60	M30	Z	-.441	-.441	%100
61	M31	X	0	0	%100
62	M31	Z	0	0	%100
63	M32	X	0	0	%100
64	M32	Z	0	0	%100
65	M33	X	0	0	%100
66	M33	Z	0	0	%100
67	M34	X	0	0	%100
68	M34	Z	-.403	-.403	%100
69	M35	X	0	0	%100
70	M35	Z	-.403	-.403	%100
71	M36	X	0	0	%100
72	M36	Z	-.403	-.403	%100
73	M37	X	0	0	%100
74	M37	Z	0	0	%100
75	M38	X	0	0	%100
76	M38	Z	0	0	%100
77	M39	X	0	0	%100
78	M39	Z	-.254	-.254	%100
79	M40	X	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.%]
80	M40	Z	-.254	-.254	0 %100
81	M44	X	0	0	0 %100
82	M44	Z	-.441	-.441	0 %100
83	M51	X	0	0	0 %100
84	M51	Z	0	0	0 %100
85	M52	X	0	0	0 %100
86	M52	Z	0	0	0 %100
87	M53	X	0	0	0 %100
88	M53	Z	0	0	0 %100
89	M54	X	0	0	0 %100
90	M54	Z	-1.058	-1.058	0 %100
91	M92	X	0	0	0 %100
92	M92	Z	-.502	-.502	0 %100
93	M92A	X	0	0	0 %100
94	M92A	Z	-.502	-.502	0 %100
95	M94	X	0	0	0 %100
96	M94	Z	-.622	-.622	0 %100
97	M95	X	0	0	0 %100
98	M95	Z	-.622	-.622	0 %100
99	M96	X	0	0	0 %100
100	M96	Z	-.622	-.622	0 %100
101	M97	X	0	0	0 %100
102	M97	Z	0	0	0 %100
103	M98	X	0	0	0 %100
104	M98	Z	0	0	0 %100
105	M99	X	0	0	0 %100
106	M99	Z	0	0	0 %100
107	M100	X	0	0	0 %100
108	M100	Z	0	0	0 %100
109	M101	X	0	0	0 %100
110	M101	Z	-1.058	-1.058	0 %100
111	M102	X	0	0	0 %100
112	M102	Z	-.622	-.622	0 %100
113	M103	X	0	0	0 %100
114	M103	Z	-.622	-.622	0 %100
115	M104	X	0	0	0 %100
116	M104	Z	-.622	-.622	0 %100
117	M105	X	0	0	0 %100
118	M105	Z	0	0	0 %100
119	M74	X	0	0	0 %100
120	M74	Z	-.441	-.441	0 %100
121	M75	X	0	0	0 %100
122	M75	Z	-.441	-.441	0 %100
123	M76	X	0	0	0 %100
124	M76	Z	-.441	-.441	0 %100
125	M78	X	0	0	0 %100
126	M78	Z	-.996	-.996	0 %100
127	M79	X	0	0	0 %100
128	M79	Z	-.996	-.996	0 %100
129	M80	X	0	0	0 %100
130	M80	Z	-.996	-.996	0 %100
131	M81	X	0	0	0 %100
132	M81	Z	-.996	-.996	0 %100
133	M91	X	0	0	0 %100
134	M91	Z	-.502	-.502	0 %100
135	M92B	X	0	0	0 %100
136	M92B	Z	-.502	-.502	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.%,]
137	M93B	X	0	0	0	%100
138	M93B	Z	-.502	-.502	0	%100
139	M94A	X	0	0	0	%100
140	M94A	Z	-.502	-.502	0	%100
141	MP4C	X	0	0	0	%100
142	MP4C	Z	-.608	-.608	0	%100
143	MP3C	X	0	0	0	%100
144	MP3C	Z	-.502	-.502	0	%100
145	MP2C	X	0	0	0	%100
146	MP2C	Z	-.502	-.502	0	%100
147	MP1C	X	0	0	0	%100
148	MP1C	Z	-.502	-.502	0	%100
149	MP4B	X	0	0	0	%100
150	MP4B	Z	-.608	-.608	0	%100
151	MP3B	X	0	0	0	%100
152	MP3B	Z	-.502	-.502	0	%100
153	MP2B	X	0	0	0	%100
154	MP2B	Z	-.502	-.502	0	%100
155	MP1B	X	0	0	0	%100
156	MP1B	Z	-.502	-.502	0	%100
157	MP4A	X	0	0	0	%100
158	MP4A	Z	-.608	-.608	0	%100
159	MP3A	X	0	0	0	%100
160	MP3A	Z	-.502	-.502	0	%100
161	MP2A	X	0	0	0	%100
162	MP2A	Z	-.502	-.502	0	%100
163	MP1A	X	0	0	0	%100
164	MP1A	Z	-.502	-.502	0	%100
165	M123	X	0	0	0	%100
166	M123	Z	-.026	-.026	0	%100
167	M124	X	0	0	0	%100
168	M124	Z	-.026	-.026	0	%100
169	M125	X	0	0	0	%100
170	M125	Z	-.026	-.026	0	%100
171	M126	X	0	0	0	%100
172	M126	Z	-.026	-.026	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	.331	.331	0	%100
2	M1	Z	-.573	-.573	0	%100
3	M2	X	.165	.165	0	%100
4	M2	Z	-.286	-.286	0	%100
5	M3	X	.529	.529	0	%100
6	M3	Z	-.916	-.916	0	%100
7	M4	X	.202	.202	0	%100
8	M4	Z	-.349	-.349	0	%100
9	M5	X	.202	.202	0	%100
10	M5	Z	-.349	-.349	0	%100
11	M6	X	.202	.202	0	%100
12	M6	Z	-.349	-.349	0	%100
13	M7	X	.158	.158	0	%100
14	M7	Z	-.273	-.273	0	%100
15	M8	X	.158	.158	0	%100
16	M8	Z	-.273	-.273	0	%100
17	M9	X	.197	.197	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
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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.%]
18	M9	Z	-.341	-.341	0 %100
19	M10	X	.197	.197	0 %100
20	M10	Z	-.341	-.341	0 %100
21	M11	X	.11	.11	0 %100
22	M11	Z	-.191	-.191	0 %100
23	M12	X	.055	.055	0 %100
24	M12	Z	-.095	-.095	0 %100
25	M13	X	.176	.176	0 %100
26	M13	Z	-.305	-.305	0 %100
27	M14	X	.202	.202	0 %100
28	M14	Z	-.349	-.349	0 %100
29	M15	X	.202	.202	0 %100
30	M15	Z	-.349	-.349	0 %100
31	M16	X	.202	.202	0 %100
32	M16	Z	-.349	-.349	0 %100
33	M17	X	.053	.053	0 %100
34	M17	Z	-.091	-.091	0 %100
35	M18	X	.053	.053	0 %100
36	M18	Z	-.091	-.091	0 %100
37	M19	X	.15	.15	0 %100
38	M19	Z	-.26	-.26	0 %100
39	M20	X	.15	.15	0 %100
40	M20	Z	-.26	-.26	0 %100
41	M21	X	.331	.331	0 %100
42	M21	Z	-.573	-.573	0 %100
43	M22	X	.165	.165	0 %100
44	M22	Z	-.286	-.286	0 %100
45	M23	X	.529	.529	0 %100
46	M23	Z	-.916	-.916	0 %100
47	M24	X	.202	.202	0 %100
48	M24	Z	-.349	-.349	0 %100
49	M25	X	.202	.202	0 %100
50	M25	Z	-.349	-.349	0 %100
51	M26	X	.202	.202	0 %100
52	M26	Z	-.349	-.349	0 %100
53	M27	X	.158	.158	0 %100
54	M27	Z	-.273	-.273	0 %100
55	M28	X	.158	.158	0 %100
56	M28	Z	-.273	-.273	0 %100
57	M29	X	.197	.197	0 %100
58	M29	Z	-.341	-.341	0 %100
59	M30	X	.197	.197	0 %100
60	M30	Z	-.341	-.341	0 %100
61	M31	X	.11	.11	0 %100
62	M31	Z	-.191	-.191	0 %100
63	M32	X	.055	.055	0 %100
64	M32	Z	-.095	-.095	0 %100
65	M33	X	.176	.176	0 %100
66	M33	Z	-.305	-.305	0 %100
67	M34	X	.202	.202	0 %100
68	M34	Z	-.349	-.349	0 %100
69	M35	X	.202	.202	0 %100
70	M35	Z	-.349	-.349	0 %100
71	M36	X	.202	.202	0 %100
72	M36	Z	-.349	-.349	0 %100
73	M37	X	.053	.053	0 %100
74	M37	Z	-.091	-.091	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, %]
75	M38	X	.053	.053	0 %100
76	M38	Z	-.091	-.091	0 %100
77	M39	X	.15	.15	0 %100
78	M39	Z	-.26	-.26	0 %100
79	M40	X	.15	.15	0 %100
80	M40	Z	-.26	-.26	0 %100
81	M44	X	.03	.03	0 %100
82	M44	Z	-.051	-.051	0 %100
83	M51	X	.078	.078	0 %100
84	M51	Z	-.135	-.135	0 %100
85	M52	X	.078	.078	0 %100
86	M52	Z	-.135	-.135	0 %100
87	M53	X	.078	.078	0 %100
88	M53	Z	-.135	-.135	0 %100
89	M54	X	.397	.397	0 %100
90	M54	Z	-.687	-.687	0 %100
91	M92	X	.251	.251	0 %100
92	M92	Z	-.435	-.435	0 %100
93	M92A	X	.251	.251	0 %100
94	M92A	Z	-.435	-.435	0 %100
95	M94	X	.233	.233	0 %100
96	M94	Z	-.404	-.404	0 %100
97	M95	X	.233	.233	0 %100
98	M95	Z	-.404	-.404	0 %100
99	M96	X	.233	.233	0 %100
100	M96	Z	-.404	-.404	0 %100
101	M97	X	.132	.132	0 %100
102	M97	Z	-.229	-.229	0 %100
103	M98	X	.078	.078	0 %100
104	M98	Z	-.135	-.135	0 %100
105	M99	X	.078	.078	0 %100
106	M99	Z	-.135	-.135	0 %100
107	M100	X	.078	.078	0 %100
108	M100	Z	-.135	-.135	0 %100
109	M101	X	.397	.397	0 %100
110	M101	Z	-.687	-.687	0 %100
111	M102	X	.233	.233	0 %100
112	M102	Z	-.404	-.404	0 %100
113	M103	X	.233	.233	0 %100
114	M103	Z	-.404	-.404	0 %100
115	M104	X	.233	.233	0 %100
116	M104	Z	-.404	-.404	0 %100
117	M105	X	.132	.132	0 %100
118	M105	Z	-.229	-.229	0 %100
119	M74	X	.411	.411	0 %100
120	M74	Z	-.712	-.712	0 %100
121	M75	X	.03	.03	0 %100
122	M75	Z	-.051	-.051	0 %100
123	M76	X	.411	.411	0 %100
124	M76	Z	-.712	-.712	0 %100
125	M78	X	.564	.564	0 %100
126	M78	Z	-.977	-.977	0 %100
127	M79	X	.432	.432	0 %100
128	M79	Z	-.748	-.748	0 %100
129	M80	X	.564	.564	0 %100
130	M80	Z	-.977	-.977	0 %100
131	M81	X	.432	.432	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, %]
132	M81	Z	-.748	-.748	0 %100
133	M91	X	.251	.251	0 %100
134	M91	Z	-.435	-.435	0 %100
135	M92B	X	.251	.251	0 %100
136	M92B	Z	-.435	-.435	0 %100
137	M93B	X	.251	.251	0 %100
138	M93B	Z	-.435	-.435	0 %100
139	M94A	X	.251	.251	0 %100
140	M94A	Z	-.435	-.435	0 %100
141	MP4C	X	.304	.304	0 %100
142	MP4C	Z	-.527	-.527	0 %100
143	MP3C	X	.251	.251	0 %100
144	MP3C	Z	-.435	-.435	0 %100
145	MP2C	X	.251	.251	0 %100
146	MP2C	Z	-.435	-.435	0 %100
147	MP1C	X	.251	.251	0 %100
148	MP1C	Z	-.435	-.435	0 %100
149	MP4B	X	.304	.304	0 %100
150	MP4B	Z	-.527	-.527	0 %100
151	MP3B	X	.251	.251	0 %100
152	MP3B	Z	-.435	-.435	0 %100
153	MP2B	X	.251	.251	0 %100
154	MP2B	Z	-.435	-.435	0 %100
155	MP1B	X	.251	.251	0 %100
156	MP1B	Z	-.435	-.435	0 %100
157	MP4A	X	.304	.304	0 %100
158	MP4A	Z	-.527	-.527	0 %100
159	MP3A	X	.251	.251	0 %100
160	MP3A	Z	-.435	-.435	0 %100
161	MP2A	X	.251	.251	0 %100
162	MP2A	Z	-.435	-.435	0 %100
163	MP1A	X	.251	.251	0 %100
164	MP1A	Z	-.435	-.435	0 %100
165	M123	X	.002	.002	0 %100
166	M123	Z	-.003	-.003	0 %100
167	M124	X	.025	.025	0 %100
168	M124	Z	-.043	-.043	0 %100
169	M125	X	.002	.002	0 %100
170	M125	Z	-.003	-.003	0 %100
171	M126	X	.025	.025	0 %100
172	M126	Z	-.043	-.043	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	.191	.191	0 %100
2	M1	Z	-.11	-.11	0 %100
3	M2	X	.095	.095	0 %100
4	M2	Z	-.055	-.055	0 %100
5	M3	X	.305	.305	0 %100
6	M3	Z	-.176	-.176	0 %100
7	M4	X	.349	.349	0 %100
8	M4	Z	-.202	-.202	0 %100
9	M5	X	.349	.349	0 %100
10	M5	Z	-.202	-.202	0 %100
11	M6	X	.349	.349	0 %100
12	M6	Z	-.202	-.202	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
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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.%]
13	M7	X	.091	.091	0 %100
14	M7	Z	-.053	-.053	0 %100
15	M8	X	.091	.091	0 %100
16	M8	Z	-.053	-.053	0 %100
17	M9	X	.26	.26	0 %100
18	M9	Z	-.15	-.15	0 %100
19	M10	X	.26	.26	0 %100
20	M10	Z	-.15	-.15	0 %100
21	M11	X	.573	.573	0 %100
22	M11	Z	-.331	-.331	0 %100
23	M12	X	.286	.286	0 %100
24	M12	Z	-.165	-.165	0 %100
25	M13	X	.916	.916	0 %100
26	M13	Z	-.529	-.529	0 %100
27	M14	X	.349	.349	0 %100
28	M14	Z	-.202	-.202	0 %100
29	M15	X	.349	.349	0 %100
30	M15	Z	-.202	-.202	0 %100
31	M16	X	.349	.349	0 %100
32	M16	Z	-.202	-.202	0 %100
33	M17	X	.273	.273	0 %100
34	M17	Z	-.158	-.158	0 %100
35	M18	X	.273	.273	0 %100
36	M18	Z	-.158	-.158	0 %100
37	M19	X	.341	.341	0 %100
38	M19	Z	-.197	-.197	0 %100
39	M20	X	.341	.341	0 %100
40	M20	Z	-.197	-.197	0 %100
41	M21	X	.191	.191	0 %100
42	M21	Z	-.11	-.11	0 %100
43	M22	X	.095	.095	0 %100
44	M22	Z	-.055	-.055	0 %100
45	M23	X	.305	.305	0 %100
46	M23	Z	-.176	-.176	0 %100
47	M24	X	.349	.349	0 %100
48	M24	Z	-.202	-.202	0 %100
49	M25	X	.349	.349	0 %100
50	M25	Z	-.202	-.202	0 %100
51	M26	X	.349	.349	0 %100
52	M26	Z	-.202	-.202	0 %100
53	M27	X	.091	.091	0 %100
54	M27	Z	-.053	-.053	0 %100
55	M28	X	.091	.091	0 %100
56	M28	Z	-.053	-.053	0 %100
57	M29	X	.26	.26	0 %100
58	M29	Z	-.15	-.15	0 %100
59	M30	X	.26	.26	0 %100
60	M30	Z	-.15	-.15	0 %100
61	M31	X	.573	.573	0 %100
62	M31	Z	-.331	-.331	0 %100
63	M32	X	.286	.286	0 %100
64	M32	Z	-.165	-.165	0 %100
65	M33	X	.916	.916	0 %100
66	M33	Z	-.529	-.529	0 %100
67	M34	X	.349	.349	0 %100
68	M34	Z	-.202	-.202	0 %100
69	M35	X	.349	.349	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
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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, %]
70	M35	Z	-.202	-.202	0 %100
71	M36	X	.349	.349	0 %100
72	M36	Z	-.202	-.202	0 %100
73	M37	X	.273	.273	0 %100
74	M37	Z	-.158	-.158	0 %100
75	M38	X	.273	.273	0 %100
76	M38	Z	-.158	-.158	0 %100
77	M39	X	.341	.341	0 %100
78	M39	Z	-.197	-.197	0 %100
79	M40	X	.341	.341	0 %100
80	M40	Z	-.197	-.197	0 %100
81	M44	X	.051	.051	0 %100
82	M44	Z	-.03	-.03	0 %100
83	M51	X	.404	.404	0 %100
84	M51	Z	-.233	-.233	0 %100
85	M52	X	.404	.404	0 %100
86	M52	Z	-.233	-.233	0 %100
87	M53	X	.404	.404	0 %100
88	M53	Z	-.233	-.233	0 %100
89	M54	X	.229	.229	0 %100
90	M54	Z	-.132	-.132	0 %100
91	M92	X	.435	.435	0 %100
92	M92	Z	-.251	-.251	0 %100
93	M92A	X	.435	.435	0 %100
94	M92A	Z	-.251	-.251	0 %100
95	M94	X	.135	.135	0 %100
96	M94	Z	-.078	-.078	0 %100
97	M95	X	.135	.135	0 %100
98	M95	Z	-.078	-.078	0 %100
99	M96	X	.135	.135	0 %100
100	M96	Z	-.078	-.078	0 %100
101	M97	X	.687	.687	0 %100
102	M97	Z	-.397	-.397	0 %100
103	M98	X	.404	.404	0 %100
104	M98	Z	-.233	-.233	0 %100
105	M99	X	.404	.404	0 %100
106	M99	Z	-.233	-.233	0 %100
107	M100	X	.404	.404	0 %100
108	M100	Z	-.233	-.233	0 %100
109	M101	X	.229	.229	0 %100
110	M101	Z	-.132	-.132	0 %100
111	M102	X	.135	.135	0 %100
112	M102	Z	-.078	-.078	0 %100
113	M103	X	.135	.135	0 %100
114	M103	Z	-.078	-.078	0 %100
115	M104	X	.135	.135	0 %100
116	M104	Z	-.078	-.078	0 %100
117	M105	X	.687	.687	0 %100
118	M105	Z	-.397	-.397	0 %100
119	M74	X	.712	.712	0 %100
120	M74	Z	-.411	-.411	0 %100
121	M75	X	.051	.051	0 %100
122	M75	Z	-.03	-.03	0 %100
123	M76	X	.712	.712	0 %100
124	M76	Z	-.411	-.411	0 %100
125	M78	X	.977	.977	0 %100
126	M78	Z	-.564	-.564	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.%]
127	M79	X	.748	.748	0	%100
128	M79	Z	-.432	-.432	0	%100
129	M80	X	.977	.977	0	%100
130	M80	Z	-.564	-.564	0	%100
131	M81	X	.748	.748	0	%100
132	M81	Z	-.432	-.432	0	%100
133	M91	X	.435	.435	0	%100
134	M91	Z	-.251	-.251	0	%100
135	M92B	X	.435	.435	0	%100
136	M92B	Z	-.251	-.251	0	%100
137	M93B	X	.435	.435	0	%100
138	M93B	Z	-.251	-.251	0	%100
139	M94A	X	.435	.435	0	%100
140	M94A	Z	-.251	-.251	0	%100
141	MP4C	X	.527	.527	0	%100
142	MP4C	Z	-.304	-.304	0	%100
143	MP3C	X	.435	.435	0	%100
144	MP3C	Z	-.251	-.251	0	%100
145	MP2C	X	.435	.435	0	%100
146	MP2C	Z	-.251	-.251	0	%100
147	MP1C	X	.435	.435	0	%100
148	MP1C	Z	-.251	-.251	0	%100
149	MP4B	X	.527	.527	0	%100
150	MP4B	Z	-.304	-.304	0	%100
151	MP3B	X	.435	.435	0	%100
152	MP3B	Z	-.251	-.251	0	%100
153	MP2B	X	.435	.435	0	%100
154	MP2B	Z	-.251	-.251	0	%100
155	MP1B	X	.435	.435	0	%100
156	MP1B	Z	-.251	-.251	0	%100
157	MP4A	X	.527	.527	0	%100
158	MP4A	Z	-.304	-.304	0	%100
159	MP3A	X	.435	.435	0	%100
160	MP3A	Z	-.251	-.251	0	%100
161	MP2A	X	.435	.435	0	%100
162	MP2A	Z	-.251	-.251	0	%100
163	MP1A	X	.435	.435	0	%100
164	MP1A	Z	-.251	-.251	0	%100
165	M123	X	.003	.003	0	%100
166	M123	Z	-.002	-.002	0	%100
167	M124	X	.043	.043	0	%100
168	M124	Z	-.025	-.025	0	%100
169	M125	X	.003	.003	0	%100
170	M125	Z	-.002	-.002	0	%100
171	M126	X	.043	.043	0	%100
172	M126	Z	-.025	-.025	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	.403	.403	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
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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.%]
8	M4	Z	0	0	0	%100
9	M5	X	.403	.403	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	.403	.403	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	.254	.254	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	.254	.254	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	.881	.881	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	.441	.441	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	1.41	1.41	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	.403	.403	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	.403	.403	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	.403	.403	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	.42	.42	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	.42	.42	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	.441	.441	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	.441	.441	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	.403	.403	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	.403	.403	0	%100
50	M25	Z	0	0	0	%100
51	M26	X	.403	.403	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	.254	.254	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	.254	.254	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	.881	.881	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	.441	.441	0	%100
64	M32	Z	0	0	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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, %]
65	M33	X	1.41	1.41	0 %100
66	M33	Z	0	0	0 %100
67	M34	X	.403	.403	0 %100
68	M34	Z	0	0	0 %100
69	M35	X	.403	.403	0 %100
70	M35	Z	0	0	0 %100
71	M36	X	.403	.403	0 %100
72	M36	Z	0	0	0 %100
73	M37	X	.42	.42	0 %100
74	M37	Z	0	0	0 %100
75	M38	X	.42	.42	0 %100
76	M38	Z	0	0	0 %100
77	M39	X	.441	.441	0 %100
78	M39	Z	0	0	0 %100
79	M40	X	.441	.441	0 %100
80	M40	Z	0	0	0 %100
81	M44	X	.441	.441	0 %100
82	M44	Z	0	0	0 %100
83	M51	X	.622	.622	0 %100
84	M51	Z	0	0	0 %100
85	M52	X	.622	.622	0 %100
86	M52	Z	0	0	0 %100
87	M53	X	.622	.622	0 %100
88	M53	Z	0	0	0 %100
89	M54	X	0	0	0 %100
90	M54	Z	0	0	0 %100
91	M92	X	.502	.502	0 %100
92	M92	Z	0	0	0 %100
93	M92A	X	.502	.502	0 %100
94	M92A	Z	0	0	0 %100
95	M94	X	0	0	0 %100
96	M94	Z	0	0	0 %100
97	M95	X	0	0	0 %100
98	M95	Z	0	0	0 %100
99	M96	X	0	0	0 %100
100	M96	Z	0	0	0 %100
101	M97	X	1.058	1.058	0 %100
102	M97	Z	0	0	0 %100
103	M98	X	.622	.622	0 %100
104	M98	Z	0	0	0 %100
105	M99	X	.622	.622	0 %100
106	M99	Z	0	0	0 %100
107	M100	X	.622	.622	0 %100
108	M100	Z	0	0	0 %100
109	M101	X	0	0	0 %100
110	M101	Z	0	0	0 %100
111	M102	X	0	0	0 %100
112	M102	Z	0	0	0 %100
113	M103	X	0	0	0 %100
114	M103	Z	0	0	0 %100
115	M104	X	0	0	0 %100
116	M104	Z	0	0	0 %100
117	M105	X	1.058	1.058	0 %100
118	M105	Z	0	0	0 %100
119	M74	X	.441	.441	0 %100
120	M74	Z	0	0	0 %100
121	M75	X	.441	.441	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.%]	
122	M75	Z	0	0	0	%100
123	M76	X	.441	.441	0	%100
124	M76	Z	0	0	0	%100
125	M78	X	.996	.996	0	%100
126	M78	Z	0	0	0	%100
127	M79	X	.996	.996	0	%100
128	M79	Z	0	0	0	%100
129	M80	X	.996	.996	0	%100
130	M80	Z	0	0	0	%100
131	M81	X	.996	.996	0	%100
132	M81	Z	0	0	0	%100
133	M91	X	.502	.502	0	%100
134	M91	Z	0	0	0	%100
135	M92B	X	.502	.502	0	%100
136	M92B	Z	0	0	0	%100
137	M93B	X	.502	.502	0	%100
138	M93B	Z	0	0	0	%100
139	M94A	X	.502	.502	0	%100
140	M94A	Z	0	0	0	%100
141	MP4C	X	.608	.608	0	%100
142	MP4C	Z	0	0	0	%100
143	MP3C	X	.502	.502	0	%100
144	MP3C	Z	0	0	0	%100
145	MP2C	X	.502	.502	0	%100
146	MP2C	Z	0	0	0	%100
147	MP1C	X	.502	.502	0	%100
148	MP1C	Z	0	0	0	%100
149	MP4B	X	.608	.608	0	%100
150	MP4B	Z	0	0	0	%100
151	MP3B	X	.502	.502	0	%100
152	MP3B	Z	0	0	0	%100
153	MP2B	X	.502	.502	0	%100
154	MP2B	Z	0	0	0	%100
155	MP1B	X	.502	.502	0	%100
156	MP1B	Z	0	0	0	%100
157	MP4A	X	.608	.608	0	%100
158	MP4A	Z	0	0	0	%100
159	MP3A	X	.502	.502	0	%100
160	MP3A	Z	0	0	0	%100
161	MP2A	X	.502	.502	0	%100
162	MP2A	Z	0	0	0	%100
163	MP1A	X	.502	.502	0	%100
164	MP1A	Z	0	0	0	%100
165	M123	X	.026	.026	0	%100
166	M123	Z	0	0	0	%100
167	M124	X	.026	.026	0	%100
168	M124	Z	0	0	0	%100
169	M125	X	.026	.026	0	%100
170	M125	Z	0	0	0	%100
171	M126	X	.026	.026	0	%100
172	M126	Z	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]	
1	M1	X	.191	.191	0	%100
2	M1	Z	.11	.11	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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.%]
3	M2	X	.095	.095	0 %100
4	M2	Z	.055	.055	0 %100
5	M3	X	.305	.305	0 %100
6	M3	Z	.176	.176	0 %100
7	M4	X	.349	.349	0 %100
8	M4	Z	.202	.202	0 %100
9	M5	X	.349	.349	0 %100
10	M5	Z	.202	.202	0 %100
11	M6	X	.349	.349	0 %100
12	M6	Z	.202	.202	0 %100
13	M7	X	.091	.091	0 %100
14	M7	Z	.053	.053	0 %100
15	M8	X	.091	.091	0 %100
16	M8	Z	.053	.053	0 %100
17	M9	X	.26	.26	0 %100
18	M9	Z	.15	.15	0 %100
19	M10	X	.26	.26	0 %100
20	M10	Z	.15	.15	0 %100
21	M11	X	.573	.573	0 %100
22	M11	Z	.331	.331	0 %100
23	M12	X	.286	.286	0 %100
24	M12	Z	.165	.165	0 %100
25	M13	X	.916	.916	0 %100
26	M13	Z	.529	.529	0 %100
27	M14	X	.349	.349	0 %100
28	M14	Z	.202	.202	0 %100
29	M15	X	.349	.349	0 %100
30	M15	Z	.202	.202	0 %100
31	M16	X	.349	.349	0 %100
32	M16	Z	.202	.202	0 %100
33	M17	X	.273	.273	0 %100
34	M17	Z	.158	.158	0 %100
35	M18	X	.273	.273	0 %100
36	M18	Z	.158	.158	0 %100
37	M19	X	.341	.341	0 %100
38	M19	Z	.197	.197	0 %100
39	M20	X	.341	.341	0 %100
40	M20	Z	.197	.197	0 %100
41	M21	X	.191	.191	0 %100
42	M21	Z	.11	.11	0 %100
43	M22	X	.095	.095	0 %100
44	M22	Z	.055	.055	0 %100
45	M23	X	.305	.305	0 %100
46	M23	Z	.176	.176	0 %100
47	M24	X	.349	.349	0 %100
48	M24	Z	.202	.202	0 %100
49	M25	X	.349	.349	0 %100
50	M25	Z	.202	.202	0 %100
51	M26	X	.349	.349	0 %100
52	M26	Z	.202	.202	0 %100
53	M27	X	.091	.091	0 %100
54	M27	Z	.053	.053	0 %100
55	M28	X	.091	.091	0 %100
56	M28	Z	.053	.053	0 %100
57	M29	X	.26	.26	0 %100
58	M29	Z	.15	.15	0 %100
59	M30	X	.26	.26	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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, %]
60	M30	Z	.15	.15	0 %100
61	M31	X	.573	.573	0 %100
62	M31	Z	.331	.331	0 %100
63	M32	X	.286	.286	0 %100
64	M32	Z	.165	.165	0 %100
65	M33	X	.916	.916	0 %100
66	M33	Z	.529	.529	0 %100
67	M34	X	.349	.349	0 %100
68	M34	Z	.202	.202	0 %100
69	M35	X	.349	.349	0 %100
70	M35	Z	.202	.202	0 %100
71	M36	X	.349	.349	0 %100
72	M36	Z	.202	.202	0 %100
73	M37	X	.273	.273	0 %100
74	M37	Z	.158	.158	0 %100
75	M38	X	.273	.273	0 %100
76	M38	Z	.158	.158	0 %100
77	M39	X	.341	.341	0 %100
78	M39	Z	.197	.197	0 %100
79	M40	X	.341	.341	0 %100
80	M40	Z	.197	.197	0 %100
81	M44	X	.712	.712	0 %100
82	M44	Z	.411	.411	0 %100
83	M51	X	.404	.404	0 %100
84	M51	Z	.233	.233	0 %100
85	M52	X	.404	.404	0 %100
86	M52	Z	.233	.233	0 %100
87	M53	X	.404	.404	0 %100
88	M53	Z	.233	.233	0 %100
89	M54	X	.229	.229	0 %100
90	M54	Z	.132	.132	0 %100
91	M92	X	.435	.435	0 %100
92	M92	Z	.251	.251	0 %100
93	M92A	X	.435	.435	0 %100
94	M92A	Z	.251	.251	0 %100
95	M94	X	.135	.135	0 %100
96	M94	Z	.078	.078	0 %100
97	M95	X	.135	.135	0 %100
98	M95	Z	.078	.078	0 %100
99	M96	X	.135	.135	0 %100
100	M96	Z	.078	.078	0 %100
101	M97	X	.687	.687	0 %100
102	M97	Z	.397	.397	0 %100
103	M98	X	.404	.404	0 %100
104	M98	Z	.233	.233	0 %100
105	M99	X	.404	.404	0 %100
106	M99	Z	.233	.233	0 %100
107	M100	X	.404	.404	0 %100
108	M100	Z	.233	.233	0 %100
109	M101	X	.229	.229	0 %100
110	M101	Z	.132	.132	0 %100
111	M102	X	.135	.135	0 %100
112	M102	Z	.078	.078	0 %100
113	M103	X	.135	.135	0 %100
114	M103	Z	.078	.078	0 %100
115	M104	X	.135	.135	0 %100
116	M104	Z	.078	.078	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, %]
117	M105	X	.687	.687	0 %100
118	M105	Z	.397	.397	0 %100
119	M74	X	.051	.051	0 %100
120	M74	Z	.03	.03	0 %100
121	M75	X	.712	.712	0 %100
122	M75	Z	.411	.411	0 %100
123	M76	X	.051	.051	0 %100
124	M76	Z	.03	.03	0 %100
125	M78	X	.748	.748	0 %100
126	M78	Z	.432	.432	0 %100
127	M79	X	.977	.977	0 %100
128	M79	Z	.564	.564	0 %100
129	M80	X	.748	.748	0 %100
130	M80	Z	.432	.432	0 %100
131	M81	X	.977	.977	0 %100
132	M81	Z	.564	.564	0 %100
133	M91	X	.435	.435	0 %100
134	M91	Z	.251	.251	0 %100
135	M92B	X	.435	.435	0 %100
136	M92B	Z	.251	.251	0 %100
137	M93B	X	.435	.435	0 %100
138	M93B	Z	.251	.251	0 %100
139	M94A	X	.435	.435	0 %100
140	M94A	Z	.251	.251	0 %100
141	MP4C	X	.527	.527	0 %100
142	MP4C	Z	.304	.304	0 %100
143	MP3C	X	.435	.435	0 %100
144	MP3C	Z	.251	.251	0 %100
145	MP2C	X	.435	.435	0 %100
146	MP2C	Z	.251	.251	0 %100
147	MP1C	X	.435	.435	0 %100
148	MP1C	Z	.251	.251	0 %100
149	MP4B	X	.527	.527	0 %100
150	MP4B	Z	.304	.304	0 %100
151	MP3B	X	.435	.435	0 %100
152	MP3B	Z	.251	.251	0 %100
153	MP2B	X	.435	.435	0 %100
154	MP2B	Z	.251	.251	0 %100
155	MP1B	X	.435	.435	0 %100
156	MP1B	Z	.251	.251	0 %100
157	MP4A	X	.527	.527	0 %100
158	MP4A	Z	.304	.304	0 %100
159	MP3A	X	.435	.435	0 %100
160	MP3A	Z	.251	.251	0 %100
161	MP2A	X	.435	.435	0 %100
162	MP2A	Z	.251	.251	0 %100
163	MP1A	X	.435	.435	0 %100
164	MP1A	Z	.251	.251	0 %100
165	M123	X	.043	.043	0 %100
166	M123	Z	.025	.025	0 %100
167	M124	X	.003	.003	0 %100
168	M124	Z	.002	.002	0 %100
169	M125	X	.043	.043	0 %100
170	M125	Z	.025	.025	0 %100
171	M126	X	.003	.003	0 %100
172	M126	Z	.002	.002	0 %100



Company : Maser Consulting
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 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
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Member Distributed Loads (BLC 70 : Structure Wm (150 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	.331	.331	0	%100
2	M1	Z	.573	.573	0	%100
3	M2	X	.165	.165	0	%100
4	M2	Z	.286	.286	0	%100
5	M3	X	.529	.529	0	%100
6	M3	Z	.916	.916	0	%100
7	M4	X	.202	.202	0	%100
8	M4	Z	.349	.349	0	%100
9	M5	X	.202	.202	0	%100
10	M5	Z	.349	.349	0	%100
11	M6	X	.202	.202	0	%100
12	M6	Z	.349	.349	0	%100
13	M7	X	.158	.158	0	%100
14	M7	Z	.273	.273	0	%100
15	M8	X	.158	.158	0	%100
16	M8	Z	.273	.273	0	%100
17	M9	X	.197	.197	0	%100
18	M9	Z	.341	.341	0	%100
19	M10	X	.197	.197	0	%100
20	M10	Z	.341	.341	0	%100
21	M11	X	.11	.11	0	%100
22	M11	Z	.191	.191	0	%100
23	M12	X	.055	.055	0	%100
24	M12	Z	.095	.095	0	%100
25	M13	X	.176	.176	0	%100
26	M13	Z	.305	.305	0	%100
27	M14	X	.202	.202	0	%100
28	M14	Z	.349	.349	0	%100
29	M15	X	.202	.202	0	%100
30	M15	Z	.349	.349	0	%100
31	M16	X	.202	.202	0	%100
32	M16	Z	.349	.349	0	%100
33	M17	X	.053	.053	0	%100
34	M17	Z	.091	.091	0	%100
35	M18	X	.053	.053	0	%100
36	M18	Z	.091	.091	0	%100
37	M19	X	.15	.15	0	%100
38	M19	Z	.26	.26	0	%100
39	M20	X	.15	.15	0	%100
40	M20	Z	.26	.26	0	%100
41	M21	X	.331	.331	0	%100
42	M21	Z	.573	.573	0	%100
43	M22	X	.165	.165	0	%100
44	M22	Z	.286	.286	0	%100
45	M23	X	.529	.529	0	%100
46	M23	Z	.916	.916	0	%100
47	M24	X	.202	.202	0	%100
48	M24	Z	.349	.349	0	%100
49	M25	X	.202	.202	0	%100
50	M25	Z	.349	.349	0	%100
51	M26	X	.202	.202	0	%100
52	M26	Z	.349	.349	0	%100
53	M27	X	.158	.158	0	%100
54	M27	Z	.273	.273	0	%100
55	M28	X	.158	.158	0	%100
56	M28	Z	.273	.273	0	%100
57	M29	X	.197	.197	0	%100



Company : Maser Consulting
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 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
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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.%]
58	M29	Z	.341	.341	0 %100
59	M30	X	.197	.197	0 %100
60	M30	Z	.341	.341	0 %100
61	M31	X	.11	.11	0 %100
62	M31	Z	.191	.191	0 %100
63	M32	X	.055	.055	0 %100
64	M32	Z	.095	.095	0 %100
65	M33	X	.176	.176	0 %100
66	M33	Z	.305	.305	0 %100
67	M34	X	.202	.202	0 %100
68	M34	Z	.349	.349	0 %100
69	M35	X	.202	.202	0 %100
70	M35	Z	.349	.349	0 %100
71	M36	X	.202	.202	0 %100
72	M36	Z	.349	.349	0 %100
73	M37	X	.053	.053	0 %100
74	M37	Z	.091	.091	0 %100
75	M38	X	.053	.053	0 %100
76	M38	Z	.091	.091	0 %100
77	M39	X	.15	.15	0 %100
78	M39	Z	.26	.26	0 %100
79	M40	X	.15	.15	0 %100
80	M40	Z	.26	.26	0 %100
81	M44	X	.411	.411	0 %100
82	M44	Z	.712	.712	0 %100
83	M51	X	.078	.078	0 %100
84	M51	Z	.135	.135	0 %100
85	M52	X	.078	.078	0 %100
86	M52	Z	.135	.135	0 %100
87	M53	X	.078	.078	0 %100
88	M53	Z	.135	.135	0 %100
89	M54	X	.397	.397	0 %100
90	M54	Z	.687	.687	0 %100
91	M92	X	.251	.251	0 %100
92	M92	Z	.435	.435	0 %100
93	M92A	X	.251	.251	0 %100
94	M92A	Z	.435	.435	0 %100
95	M94	X	.233	.233	0 %100
96	M94	Z	.404	.404	0 %100
97	M95	X	.233	.233	0 %100
98	M95	Z	.404	.404	0 %100
99	M96	X	.233	.233	0 %100
100	M96	Z	.404	.404	0 %100
101	M97	X	.132	.132	0 %100
102	M97	Z	.229	.229	0 %100
103	M98	X	.078	.078	0 %100
104	M98	Z	.135	.135	0 %100
105	M99	X	.078	.078	0 %100
106	M99	Z	.135	.135	0 %100
107	M100	X	.078	.078	0 %100
108	M100	Z	.135	.135	0 %100
109	M101	X	.397	.397	0 %100
110	M101	Z	.687	.687	0 %100
111	M102	X	.233	.233	0 %100
112	M102	Z	.404	.404	0 %100
113	M103	X	.233	.233	0 %100
114	M103	Z	.404	.404	0 %100



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 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
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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, %]
115	M104	X	.233	.233	0 %100
116	M104	Z	.404	.404	0 %100
117	M105	X	.132	.132	0 %100
118	M105	Z	.229	.229	0 %100
119	M74	X	.03	.03	0 %100
120	M74	Z	.051	.051	0 %100
121	M75	X	.411	.411	0 %100
122	M75	Z	.712	.712	0 %100
123	M76	X	.03	.03	0 %100
124	M76	Z	.051	.051	0 %100
125	M78	X	.432	.432	0 %100
126	M78	Z	.748	.748	0 %100
127	M79	X	.564	.564	0 %100
128	M79	Z	.977	.977	0 %100
129	M80	X	.432	.432	0 %100
130	M80	Z	.748	.748	0 %100
131	M81	X	.564	.564	0 %100
132	M81	Z	.977	.977	0 %100
133	M91	X	.251	.251	0 %100
134	M91	Z	.435	.435	0 %100
135	M92B	X	.251	.251	0 %100
136	M92B	Z	.435	.435	0 %100
137	M93B	X	.251	.251	0 %100
138	M93B	Z	.435	.435	0 %100
139	M94A	X	.251	.251	0 %100
140	M94A	Z	.435	.435	0 %100
141	MP4C	X	.304	.304	0 %100
142	MP4C	Z	.527	.527	0 %100
143	MP3C	X	.251	.251	0 %100
144	MP3C	Z	.435	.435	0 %100
145	MP2C	X	.251	.251	0 %100
146	MP2C	Z	.435	.435	0 %100
147	MP1C	X	.251	.251	0 %100
148	MP1C	Z	.435	.435	0 %100
149	MP4B	X	.304	.304	0 %100
150	MP4B	Z	.527	.527	0 %100
151	MP3B	X	.251	.251	0 %100
152	MP3B	Z	.435	.435	0 %100
153	MP2B	X	.251	.251	0 %100
154	MP2B	Z	.435	.435	0 %100
155	MP1B	X	.251	.251	0 %100
156	MP1B	Z	.435	.435	0 %100
157	MP4A	X	.304	.304	0 %100
158	MP4A	Z	.527	.527	0 %100
159	MP3A	X	.251	.251	0 %100
160	MP3A	Z	.435	.435	0 %100
161	MP2A	X	.251	.251	0 %100
162	MP2A	Z	.435	.435	0 %100
163	MP1A	X	.251	.251	0 %100
164	MP1A	Z	.435	.435	0 %100
165	M123	X	.025	.025	0 %100
166	M123	Z	.043	.043	0 %100
167	M124	X	.002	.002	0 %100
168	M124	Z	.003	.003	0 %100
169	M125	X	.025	.025	0 %100
170	M125	Z	.043	.043	0 %100
171	M126	X	.002	.002	0 %100



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 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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.%]
172 M126	Z	.003	.003	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[ft.%]	End Location[ft.%]
1 M1	X	0	0	0	%100
2 M1	Z	.881	.881	0	%100
3 M2	X	0	0	0	%100
4 M2	Z	.441	.441	0	%100
5 M3	X	0	0	0	%100
6 M3	Z	1.41	1.41	0	%100
7 M4	X	0	0	0	%100
8 M4	Z	.403	.403	0	%100
9 M5	X	0	0	0	%100
10 M5	Z	.403	.403	0	%100
11 M6	X	0	0	0	%100
12 M6	Z	.403	.403	0	%100
13 M7	X	0	0	0	%100
14 M7	Z	.42	.42	0	%100
15 M8	X	0	0	0	%100
16 M8	Z	.42	.42	0	%100
17 M9	X	0	0	0	%100
18 M9	Z	.441	.441	0	%100
19 M10	X	0	0	0	%100
20 M10	Z	.441	.441	0	%100
21 M11	X	0	0	0	%100
22 M11	Z	0	0	0	%100
23 M12	X	0	0	0	%100
24 M12	Z	0	0	0	%100
25 M13	X	0	0	0	%100
26 M13	Z	0	0	0	%100
27 M14	X	0	0	0	%100
28 M14	Z	.403	.403	0	%100
29 M15	X	0	0	0	%100
30 M15	Z	.403	.403	0	%100
31 M16	X	0	0	0	%100
32 M16	Z	.403	.403	0	%100
33 M17	X	0	0	0	%100
34 M17	Z	0	0	0	%100
35 M18	X	0	0	0	%100
36 M18	Z	0	0	0	%100
37 M19	X	0	0	0	%100
38 M19	Z	.254	.254	0	%100
39 M20	X	0	0	0	%100
40 M20	Z	.254	.254	0	%100
41 M21	X	0	0	0	%100
42 M21	Z	.881	.881	0	%100
43 M22	X	0	0	0	%100
44 M22	Z	.441	.441	0	%100
45 M23	X	0	0	0	%100
46 M23	Z	1.41	1.41	0	%100
47 M24	X	0	0	0	%100
48 M24	Z	.403	.403	0	%100
49 M25	X	0	0	0	%100
50 M25	Z	.403	.403	0	%100
51 M26	X	0	0	0	%100
52 M26	Z	.403	.403	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
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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, %]
53	M27	X	0	0	%100
54	M27	Z	.42	.42	%100
55	M28	X	0	0	%100
56	M28	Z	.42	.42	%100
57	M29	X	0	0	%100
58	M29	Z	.441	.441	%100
59	M30	X	0	0	%100
60	M30	Z	.441	.441	%100
61	M31	X	0	0	%100
62	M31	Z	0	0	%100
63	M32	X	0	0	%100
64	M32	Z	0	0	%100
65	M33	X	0	0	%100
66	M33	Z	0	0	%100
67	M34	X	0	0	%100
68	M34	Z	.403	.403	%100
69	M35	X	0	0	%100
70	M35	Z	.403	.403	%100
71	M36	X	0	0	%100
72	M36	Z	.403	.403	%100
73	M37	X	0	0	%100
74	M37	Z	0	0	%100
75	M38	X	0	0	%100
76	M38	Z	0	0	%100
77	M39	X	0	0	%100
78	M39	Z	.254	.254	%100
79	M40	X	0	0	%100
80	M40	Z	.254	.254	%100
81	M44	X	0	0	%100
82	M44	Z	.441	.441	%100
83	M51	X	0	0	%100
84	M51	Z	0	0	%100
85	M52	X	0	0	%100
86	M52	Z	0	0	%100
87	M53	X	0	0	%100
88	M53	Z	0	0	%100
89	M54	X	0	0	%100
90	M54	Z	1.058	1.058	%100
91	M92	X	0	0	%100
92	M92	Z	.502	.502	%100
93	M92A	X	0	0	%100
94	M92A	Z	.502	.502	%100
95	M94	X	0	0	%100
96	M94	Z	.622	.622	%100
97	M95	X	0	0	%100
98	M95	Z	.622	.622	%100
99	M96	X	0	0	%100
100	M96	Z	.622	.622	%100
101	M97	X	0	0	%100
102	M97	Z	0	0	%100
103	M98	X	0	0	%100
104	M98	Z	0	0	%100
105	M99	X	0	0	%100
106	M99	Z	0	0	%100
107	M100	X	0	0	%100
108	M100	Z	0	0	%100
109	M101	X	0	0	%100



Company : Maser Consulting
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 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
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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, %]
110	M101	Z	1.058	1.058	0 %100
111	M102	X	0	0	0 %100
112	M102	Z	.622	.622	0 %100
113	M103	X	0	0	0 %100
114	M103	Z	.622	.622	0 %100
115	M104	X	0	0	0 %100
116	M104	Z	.622	.622	0 %100
117	M105	X	0	0	0 %100
118	M105	Z	0	0	0 %100
119	M74	X	0	0	0 %100
120	M74	Z	.441	.441	0 %100
121	M75	X	0	0	0 %100
122	M75	Z	.441	.441	0 %100
123	M76	X	0	0	0 %100
124	M76	Z	.441	.441	0 %100
125	M78	X	0	0	0 %100
126	M78	Z	.996	.996	0 %100
127	M79	X	0	0	0 %100
128	M79	Z	.996	.996	0 %100
129	M80	X	0	0	0 %100
130	M80	Z	.996	.996	0 %100
131	M81	X	0	0	0 %100
132	M81	Z	.996	.996	0 %100
133	M91	X	0	0	0 %100
134	M91	Z	.502	.502	0 %100
135	M92B	X	0	0	0 %100
136	M92B	Z	.502	.502	0 %100
137	M93B	X	0	0	0 %100
138	M93B	Z	.502	.502	0 %100
139	M94A	X	0	0	0 %100
140	M94A	Z	.502	.502	0 %100
141	MP4C	X	0	0	0 %100
142	MP4C	Z	.608	.608	0 %100
143	MP3C	X	0	0	0 %100
144	MP3C	Z	.502	.502	0 %100
145	MP2C	X	0	0	0 %100
146	MP2C	Z	.502	.502	0 %100
147	MP1C	X	0	0	0 %100
148	MP1C	Z	.502	.502	0 %100
149	MP4B	X	0	0	0 %100
150	MP4B	Z	.608	.608	0 %100
151	MP3B	X	0	0	0 %100
152	MP3B	Z	.502	.502	0 %100
153	MP2B	X	0	0	0 %100
154	MP2B	Z	.502	.502	0 %100
155	MP1B	X	0	0	0 %100
156	MP1B	Z	.502	.502	0 %100
157	MP4A	X	0	0	0 %100
158	MP4A	Z	.608	.608	0 %100
159	MP3A	X	0	0	0 %100
160	MP3A	Z	.502	.502	0 %100
161	MP2A	X	0	0	0 %100
162	MP2A	Z	.502	.502	0 %100
163	MP1A	X	0	0	0 %100
164	MP1A	Z	.502	.502	0 %100
165	M123	X	0	0	0 %100
166	M123	Z	.026	.026	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.%,]
167	M124	X	0	0	0	%100
168	M124	Z	.026	.026	0	%100
169	M125	X	0	0	0	%100
170	M125	Z	.026	.026	0	%100
171	M126	X	0	0	0	%100
172	M126	Z	.026	.026	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	-.331	-.331	0	%100
2	M1	Z	.573	.573	0	%100
3	M2	X	-.165	-.165	0	%100
4	M2	Z	.286	.286	0	%100
5	M3	X	-.529	-.529	0	%100
6	M3	Z	.916	.916	0	%100
7	M4	X	-.202	-.202	0	%100
8	M4	Z	.349	.349	0	%100
9	M5	X	-.202	-.202	0	%100
10	M5	Z	.349	.349	0	%100
11	M6	X	-.202	-.202	0	%100
12	M6	Z	.349	.349	0	%100
13	M7	X	-.158	-.158	0	%100
14	M7	Z	.273	.273	0	%100
15	M8	X	-.158	-.158	0	%100
16	M8	Z	.273	.273	0	%100
17	M9	X	-.197	-.197	0	%100
18	M9	Z	.341	.341	0	%100
19	M10	X	-.197	-.197	0	%100
20	M10	Z	.341	.341	0	%100
21	M11	X	-.11	-.11	0	%100
22	M11	Z	.191	.191	0	%100
23	M12	X	-.055	-.055	0	%100
24	M12	Z	.095	.095	0	%100
25	M13	X	-.176	-.176	0	%100
26	M13	Z	.305	.305	0	%100
27	M14	X	-.202	-.202	0	%100
28	M14	Z	.349	.349	0	%100
29	M15	X	-.202	-.202	0	%100
30	M15	Z	.349	.349	0	%100
31	M16	X	-.202	-.202	0	%100
32	M16	Z	.349	.349	0	%100
33	M17	X	-.053	-.053	0	%100
34	M17	Z	.091	.091	0	%100
35	M18	X	-.053	-.053	0	%100
36	M18	Z	.091	.091	0	%100
37	M19	X	-.15	-.15	0	%100
38	M19	Z	.26	.26	0	%100
39	M20	X	-.15	-.15	0	%100
40	M20	Z	.26	.26	0	%100
41	M21	X	-.331	-.331	0	%100
42	M21	Z	.573	.573	0	%100
43	M22	X	-.165	-.165	0	%100
44	M22	Z	.286	.286	0	%100
45	M23	X	-.529	-.529	0	%100
46	M23	Z	.916	.916	0	%100
47	M24	X	-.202	-.202	0	%100



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 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
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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.%]
48	M24	Z	.349	.349	0 %100
49	M25	X	-.202	-.202	0 %100
50	M25	Z	.349	.349	0 %100
51	M26	X	-.202	-.202	0 %100
52	M26	Z	.349	.349	0 %100
53	M27	X	-.158	-.158	0 %100
54	M27	Z	.273	.273	0 %100
55	M28	X	-.158	-.158	0 %100
56	M28	Z	.273	.273	0 %100
57	M29	X	-.197	-.197	0 %100
58	M29	Z	.341	.341	0 %100
59	M30	X	-.197	-.197	0 %100
60	M30	Z	.341	.341	0 %100
61	M31	X	-.11	-.11	0 %100
62	M31	Z	.191	.191	0 %100
63	M32	X	-.055	-.055	0 %100
64	M32	Z	.095	.095	0 %100
65	M33	X	-.176	-.176	0 %100
66	M33	Z	.305	.305	0 %100
67	M34	X	-.202	-.202	0 %100
68	M34	Z	.349	.349	0 %100
69	M35	X	-.202	-.202	0 %100
70	M35	Z	.349	.349	0 %100
71	M36	X	-.202	-.202	0 %100
72	M36	Z	.349	.349	0 %100
73	M37	X	-.053	-.053	0 %100
74	M37	Z	.091	.091	0 %100
75	M38	X	-.053	-.053	0 %100
76	M38	Z	.091	.091	0 %100
77	M39	X	-.15	-.15	0 %100
78	M39	Z	.26	.26	0 %100
79	M40	X	-.15	-.15	0 %100
80	M40	Z	.26	.26	0 %100
81	M44	X	-.03	-.03	0 %100
82	M44	Z	.051	.051	0 %100
83	M51	X	-.078	-.078	0 %100
84	M51	Z	.135	.135	0 %100
85	M52	X	-.078	-.078	0 %100
86	M52	Z	.135	.135	0 %100
87	M53	X	-.078	-.078	0 %100
88	M53	Z	.135	.135	0 %100
89	M54	X	-.397	-.397	0 %100
90	M54	Z	.687	.687	0 %100
91	M92	X	-.251	-.251	0 %100
92	M92	Z	.435	.435	0 %100
93	M92A	X	-.251	-.251	0 %100
94	M92A	Z	.435	.435	0 %100
95	M94	X	-.233	-.233	0 %100
96	M94	Z	.404	.404	0 %100
97	M95	X	-.233	-.233	0 %100
98	M95	Z	.404	.404	0 %100
99	M96	X	-.233	-.233	0 %100
100	M96	Z	.404	.404	0 %100
101	M97	X	-.132	-.132	0 %100
102	M97	Z	.229	.229	0 %100
103	M98	X	-.078	-.078	0 %100
104	M98	Z	.135	.135	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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, %]
105	M99	X	-.078	-.078	0 %100
106	M99	Z	.135	.135	0 %100
107	M100	X	-.078	-.078	0 %100
108	M100	Z	.135	.135	0 %100
109	M101	X	-.397	-.397	0 %100
110	M101	Z	.687	.687	0 %100
111	M102	X	-.233	-.233	0 %100
112	M102	Z	.404	.404	0 %100
113	M103	X	-.233	-.233	0 %100
114	M103	Z	.404	.404	0 %100
115	M104	X	-.233	-.233	0 %100
116	M104	Z	.404	.404	0 %100
117	M105	X	-.132	-.132	0 %100
118	M105	Z	.229	.229	0 %100
119	M74	X	-.411	-.411	0 %100
120	M74	Z	.712	.712	0 %100
121	M75	X	-.03	-.03	0 %100
122	M75	Z	.051	.051	0 %100
123	M76	X	-.411	-.411	0 %100
124	M76	Z	.712	.712	0 %100
125	M78	X	-.564	-.564	0 %100
126	M78	Z	.977	.977	0 %100
127	M79	X	-.432	-.432	0 %100
128	M79	Z	.748	.748	0 %100
129	M80	X	-.564	-.564	0 %100
130	M80	Z	.977	.977	0 %100
131	M81	X	-.432	-.432	0 %100
132	M81	Z	.748	.748	0 %100
133	M91	X	-.251	-.251	0 %100
134	M91	Z	.435	.435	0 %100
135	M92B	X	-.251	-.251	0 %100
136	M92B	Z	.435	.435	0 %100
137	M93B	X	-.251	-.251	0 %100
138	M93B	Z	.435	.435	0 %100
139	M94A	X	-.251	-.251	0 %100
140	M94A	Z	.435	.435	0 %100
141	MP4C	X	-.304	-.304	0 %100
142	MP4C	Z	.527	.527	0 %100
143	MP3C	X	-.251	-.251	0 %100
144	MP3C	Z	.435	.435	0 %100
145	MP2C	X	-.251	-.251	0 %100
146	MP2C	Z	.435	.435	0 %100
147	MP1C	X	-.251	-.251	0 %100
148	MP1C	Z	.435	.435	0 %100
149	MP4B	X	-.304	-.304	0 %100
150	MP4B	Z	.527	.527	0 %100
151	MP3B	X	-.251	-.251	0 %100
152	MP3B	Z	.435	.435	0 %100
153	MP2B	X	-.251	-.251	0 %100
154	MP2B	Z	.435	.435	0 %100
155	MP1B	X	-.251	-.251	0 %100
156	MP1B	Z	.435	.435	0 %100
157	MP4A	X	-.304	-.304	0 %100
158	MP4A	Z	.527	.527	0 %100
159	MP3A	X	-.251	-.251	0 %100
160	MP3A	Z	.435	.435	0 %100
161	MP2A	X	-.251	-.251	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.%]
162	MP2A	Z	.435	.435	0	%100
163	MP1A	X	-.251	-.251	0	%100
164	MP1A	Z	.435	.435	0	%100
165	M123	X	-.002	-.002	0	%100
166	M123	Z	.003	.003	0	%100
167	M124	X	-.025	-.025	0	%100
168	M124	Z	.043	.043	0	%100
169	M125	X	-.002	-.002	0	%100
170	M125	Z	.003	.003	0	%100
171	M126	X	-.025	-.025	0	%100
172	M126	Z	.043	.043	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-.191	-.191	0	%100
2	M1	Z	.11	.11	0	%100
3	M2	X	-.095	-.095	0	%100
4	M2	Z	.055	.055	0	%100
5	M3	X	-.305	-.305	0	%100
6	M3	Z	.176	.176	0	%100
7	M4	X	-.349	-.349	0	%100
8	M4	Z	.202	.202	0	%100
9	M5	X	-.349	-.349	0	%100
10	M5	Z	.202	.202	0	%100
11	M6	X	-.349	-.349	0	%100
12	M6	Z	.202	.202	0	%100
13	M7	X	-.091	-.091	0	%100
14	M7	Z	.053	.053	0	%100
15	M8	X	-.091	-.091	0	%100
16	M8	Z	.053	.053	0	%100
17	M9	X	-.26	-.26	0	%100
18	M9	Z	.15	.15	0	%100
19	M10	X	-.26	-.26	0	%100
20	M10	Z	.15	.15	0	%100
21	M11	X	-.573	-.573	0	%100
22	M11	Z	.331	.331	0	%100
23	M12	X	-.286	-.286	0	%100
24	M12	Z	.165	.165	0	%100
25	M13	X	-.916	-.916	0	%100
26	M13	Z	.529	.529	0	%100
27	M14	X	-.349	-.349	0	%100
28	M14	Z	.202	.202	0	%100
29	M15	X	-.349	-.349	0	%100
30	M15	Z	.202	.202	0	%100
31	M16	X	-.349	-.349	0	%100
32	M16	Z	.202	.202	0	%100
33	M17	X	-.273	-.273	0	%100
34	M17	Z	.158	.158	0	%100
35	M18	X	-.273	-.273	0	%100
36	M18	Z	.158	.158	0	%100
37	M19	X	-.341	-.341	0	%100
38	M19	Z	.197	.197	0	%100
39	M20	X	-.341	-.341	0	%100
40	M20	Z	.197	.197	0	%100
41	M21	X	-.191	-.191	0	%100
42	M21	Z	.11	.11	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.%]
43	M22	X	-.095	-.095	0 %100
44	M22	Z	.055	.055	0 %100
45	M23	X	-.305	-.305	0 %100
46	M23	Z	.176	.176	0 %100
47	M24	X	-.349	-.349	0 %100
48	M24	Z	.202	.202	0 %100
49	M25	X	-.349	-.349	0 %100
50	M25	Z	.202	.202	0 %100
51	M26	X	-.349	-.349	0 %100
52	M26	Z	.202	.202	0 %100
53	M27	X	-.091	-.091	0 %100
54	M27	Z	.053	.053	0 %100
55	M28	X	-.091	-.091	0 %100
56	M28	Z	.053	.053	0 %100
57	M29	X	-.26	-.26	0 %100
58	M29	Z	.15	.15	0 %100
59	M30	X	-.26	-.26	0 %100
60	M30	Z	.15	.15	0 %100
61	M31	X	-.573	-.573	0 %100
62	M31	Z	.331	.331	0 %100
63	M32	X	-.286	-.286	0 %100
64	M32	Z	.165	.165	0 %100
65	M33	X	-.916	-.916	0 %100
66	M33	Z	.529	.529	0 %100
67	M34	X	-.349	-.349	0 %100
68	M34	Z	.202	.202	0 %100
69	M35	X	-.349	-.349	0 %100
70	M35	Z	.202	.202	0 %100
71	M36	X	-.349	-.349	0 %100
72	M36	Z	.202	.202	0 %100
73	M37	X	-.273	-.273	0 %100
74	M37	Z	.158	.158	0 %100
75	M38	X	-.273	-.273	0 %100
76	M38	Z	.158	.158	0 %100
77	M39	X	-.341	-.341	0 %100
78	M39	Z	.197	.197	0 %100
79	M40	X	-.341	-.341	0 %100
80	M40	Z	.197	.197	0 %100
81	M44	X	-.051	-.051	0 %100
82	M44	Z	.03	.03	0 %100
83	M51	X	-.404	-.404	0 %100
84	M51	Z	.233	.233	0 %100
85	M52	X	-.404	-.404	0 %100
86	M52	Z	.233	.233	0 %100
87	M53	X	-.404	-.404	0 %100
88	M53	Z	.233	.233	0 %100
89	M54	X	-.229	-.229	0 %100
90	M54	Z	.132	.132	0 %100
91	M92	X	-.435	-.435	0 %100
92	M92	Z	.251	.251	0 %100
93	M92A	X	-.435	-.435	0 %100
94	M92A	Z	.251	.251	0 %100
95	M94	X	-.135	-.135	0 %100
96	M94	Z	.078	.078	0 %100
97	M95	X	-.135	-.135	0 %100
98	M95	Z	.078	.078	0 %100
99	M96	X	-.135	-.135	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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, %]
100	M96	Z	.078	.078	0 %100
101	M97	X	-.687	-.687	0 %100
102	M97	Z	.397	.397	0 %100
103	M98	X	-.404	-.404	0 %100
104	M98	Z	.233	.233	0 %100
105	M99	X	-.404	-.404	0 %100
106	M99	Z	.233	.233	0 %100
107	M100	X	-.404	-.404	0 %100
108	M100	Z	.233	.233	0 %100
109	M101	X	-.229	-.229	0 %100
110	M101	Z	.132	.132	0 %100
111	M102	X	-.135	-.135	0 %100
112	M102	Z	.078	.078	0 %100
113	M103	X	-.135	-.135	0 %100
114	M103	Z	.078	.078	0 %100
115	M104	X	-.135	-.135	0 %100
116	M104	Z	.078	.078	0 %100
117	M105	X	-.687	-.687	0 %100
118	M105	Z	.397	.397	0 %100
119	M74	X	-.712	-.712	0 %100
120	M74	Z	.411	.411	0 %100
121	M75	X	-.051	-.051	0 %100
122	M75	Z	.03	.03	0 %100
123	M76	X	-.712	-.712	0 %100
124	M76	Z	.411	.411	0 %100
125	M78	X	-.977	-.977	0 %100
126	M78	Z	.564	.564	0 %100
127	M79	X	-.748	-.748	0 %100
128	M79	Z	.432	.432	0 %100
129	M80	X	-.977	-.977	0 %100
130	M80	Z	.564	.564	0 %100
131	M81	X	-.748	-.748	0 %100
132	M81	Z	.432	.432	0 %100
133	M91	X	-.435	-.435	0 %100
134	M91	Z	.251	.251	0 %100
135	M92B	X	-.435	-.435	0 %100
136	M92B	Z	.251	.251	0 %100
137	M93B	X	-.435	-.435	0 %100
138	M93B	Z	.251	.251	0 %100
139	M94A	X	-.435	-.435	0 %100
140	M94A	Z	.251	.251	0 %100
141	MP4C	X	-.527	-.527	0 %100
142	MP4C	Z	.304	.304	0 %100
143	MP3C	X	-.435	-.435	0 %100
144	MP3C	Z	.251	.251	0 %100
145	MP2C	X	-.435	-.435	0 %100
146	MP2C	Z	.251	.251	0 %100
147	MP1C	X	-.435	-.435	0 %100
148	MP1C	Z	.251	.251	0 %100
149	MP4B	X	-.527	-.527	0 %100
150	MP4B	Z	.304	.304	0 %100
151	MP3B	X	-.435	-.435	0 %100
152	MP3B	Z	.251	.251	0 %100
153	MP2B	X	-.435	-.435	0 %100
154	MP2B	Z	.251	.251	0 %100
155	MP1B	X	-.435	-.435	0 %100
156	MP1B	Z	.251	.251	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
157	MP4A	X	-.527	-.527	0	%100
158	MP4A	Z	.304	.304	0	%100
159	MP3A	X	-.435	-.435	0	%100
160	MP3A	Z	.251	.251	0	%100
161	MP2A	X	-.435	-.435	0	%100
162	MP2A	Z	.251	.251	0	%100
163	MP1A	X	-.435	-.435	0	%100
164	MP1A	Z	.251	.251	0	%100
165	M123	X	-.003	-.003	0	%100
166	M123	Z	.002	.002	0	%100
167	M124	X	-.043	-.043	0	%100
168	M124	Z	.025	.025	0	%100
169	M125	X	-.003	-.003	0	%100
170	M125	Z	.002	.002	0	%100
171	M126	X	-.043	-.043	0	%100
172	M126	Z	.025	.025	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-.403	-.403	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-.403	-.403	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-.403	-.403	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-.254	-.254	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	-.254	-.254	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	-.881	-.881	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	-.441	-.441	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	-1.41	-1.41	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	-.403	-.403	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	-.403	-.403	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	-.403	-.403	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	-.42	-.42	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	-.42	-.42	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	-.441	-.441	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,%]
38	M19	Z	0	0	0 %100
39	M20	X	-.441	-.441	0 %100
40	M20	Z	0	0	0 %100
41	M21	X	0	0	0 %100
42	M21	Z	0	0	0 %100
43	M22	X	0	0	0 %100
44	M22	Z	0	0	0 %100
45	M23	X	0	0	0 %100
46	M23	Z	0	0	0 %100
47	M24	X	-.403	-.403	0 %100
48	M24	Z	0	0	0 %100
49	M25	X	-.403	-.403	0 %100
50	M25	Z	0	0	0 %100
51	M26	X	-.403	-.403	0 %100
52	M26	Z	0	0	0 %100
53	M27	X	0	0	0 %100
54	M27	Z	0	0	0 %100
55	M28	X	0	0	0 %100
56	M28	Z	0	0	0 %100
57	M29	X	-.254	-.254	0 %100
58	M29	Z	0	0	0 %100
59	M30	X	-.254	-.254	0 %100
60	M30	Z	0	0	0 %100
61	M31	X	-.881	-.881	0 %100
62	M31	Z	0	0	0 %100
63	M32	X	-.441	-.441	0 %100
64	M32	Z	0	0	0 %100
65	M33	X	-1.41	-1.41	0 %100
66	M33	Z	0	0	0 %100
67	M34	X	-.403	-.403	0 %100
68	M34	Z	0	0	0 %100
69	M35	X	-.403	-.403	0 %100
70	M35	Z	0	0	0 %100
71	M36	X	-.403	-.403	0 %100
72	M36	Z	0	0	0 %100
73	M37	X	-.42	-.42	0 %100
74	M37	Z	0	0	0 %100
75	M38	X	-.42	-.42	0 %100
76	M38	Z	0	0	0 %100
77	M39	X	-.441	-.441	0 %100
78	M39	Z	0	0	0 %100
79	M40	X	-.441	-.441	0 %100
80	M40	Z	0	0	0 %100
81	M44	X	-.441	-.441	0 %100
82	M44	Z	0	0	0 %100
83	M51	X	-.622	-.622	0 %100
84	M51	Z	0	0	0 %100
85	M52	X	-.622	-.622	0 %100
86	M52	Z	0	0	0 %100
87	M53	X	-.622	-.622	0 %100
88	M53	Z	0	0	0 %100
89	M54	X	0	0	0 %100
90	M54	Z	0	0	0 %100
91	M92	X	-.502	-.502	0 %100
92	M92	Z	0	0	0 %100
93	M92A	X	-.502	-.502	0 %100
94	M92A	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, %]
95	M94	X	0	0	0	%100
96	M94	Z	0	0	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	0	0	0	%100
101	M97	X	-1.058	-1.058	0	%100
102	M97	Z	0	0	0	%100
103	M98	X	-.622	-.622	0	%100
104	M98	Z	0	0	0	%100
105	M99	X	-.622	-.622	0	%100
106	M99	Z	0	0	0	%100
107	M100	X	-.622	-.622	0	%100
108	M100	Z	0	0	0	%100
109	M101	X	0	0	0	%100
110	M101	Z	0	0	0	%100
111	M102	X	0	0	0	%100
112	M102	Z	0	0	0	%100
113	M103	X	0	0	0	%100
114	M103	Z	0	0	0	%100
115	M104	X	0	0	0	%100
116	M104	Z	0	0	0	%100
117	M105	X	-1.058	-1.058	0	%100
118	M105	Z	0	0	0	%100
119	M74	X	-.441	-.441	0	%100
120	M74	Z	0	0	0	%100
121	M75	X	-.441	-.441	0	%100
122	M75	Z	0	0	0	%100
123	M76	X	-.441	-.441	0	%100
124	M76	Z	0	0	0	%100
125	M78	X	-.996	-.996	0	%100
126	M78	Z	0	0	0	%100
127	M79	X	-.996	-.996	0	%100
128	M79	Z	0	0	0	%100
129	M80	X	-.996	-.996	0	%100
130	M80	Z	0	0	0	%100
131	M81	X	-.996	-.996	0	%100
132	M81	Z	0	0	0	%100
133	M91	X	-.502	-.502	0	%100
134	M91	Z	0	0	0	%100
135	M92B	X	-.502	-.502	0	%100
136	M92B	Z	0	0	0	%100
137	M93B	X	-.502	-.502	0	%100
138	M93B	Z	0	0	0	%100
139	M94A	X	-.502	-.502	0	%100
140	M94A	Z	0	0	0	%100
141	MP4C	X	-.608	-.608	0	%100
142	MP4C	Z	0	0	0	%100
143	MP3C	X	-.502	-.502	0	%100
144	MP3C	Z	0	0	0	%100
145	MP2C	X	-.502	-.502	0	%100
146	MP2C	Z	0	0	0	%100
147	MP1C	X	-.502	-.502	0	%100
148	MP1C	Z	0	0	0	%100
149	MP4B	X	-.608	-.608	0	%100
150	MP4B	Z	0	0	0	%100
151	MP3B	X	-.502	-.502	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.%,]
152	MP3B	Z	0	0	0	%100
153	MP2B	X	-.502	-.502	0	%100
154	MP2B	Z	0	0	0	%100
155	MP1B	X	-.502	-.502	0	%100
156	MP1B	Z	0	0	0	%100
157	MP4A	X	-.608	-.608	0	%100
158	MP4A	Z	0	0	0	%100
159	MP3A	X	-.502	-.502	0	%100
160	MP3A	Z	0	0	0	%100
161	MP2A	X	-.502	-.502	0	%100
162	MP2A	Z	0	0	0	%100
163	MP1A	X	-.502	-.502	0	%100
164	MP1A	Z	0	0	0	%100
165	M123	X	-.026	-.026	0	%100
166	M123	Z	0	0	0	%100
167	M124	X	-.026	-.026	0	%100
168	M124	Z	0	0	0	%100
169	M125	X	-.026	-.026	0	%100
170	M125	Z	0	0	0	%100
171	M126	X	-.026	-.026	0	%100
172	M126	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	-.191	-.191	0	%100
2	M1	Z	-.11	-.11	0	%100
3	M2	X	-.095	-.095	0	%100
4	M2	Z	-.055	-.055	0	%100
5	M3	X	-.305	-.305	0	%100
6	M3	Z	-.176	-.176	0	%100
7	M4	X	-.349	-.349	0	%100
8	M4	Z	-.202	-.202	0	%100
9	M5	X	-.349	-.349	0	%100
10	M5	Z	-.202	-.202	0	%100
11	M6	X	-.349	-.349	0	%100
12	M6	Z	-.202	-.202	0	%100
13	M7	X	-.091	-.091	0	%100
14	M7	Z	-.053	-.053	0	%100
15	M8	X	-.091	-.091	0	%100
16	M8	Z	-.053	-.053	0	%100
17	M9	X	-.26	-.26	0	%100
18	M9	Z	-.15	-.15	0	%100
19	M10	X	-.26	-.26	0	%100
20	M10	Z	-.15	-.15	0	%100
21	M11	X	-.573	-.573	0	%100
22	M11	Z	-.331	-.331	0	%100
23	M12	X	-.286	-.286	0	%100
24	M12	Z	-.165	-.165	0	%100
25	M13	X	-.916	-.916	0	%100
26	M13	Z	-.529	-.529	0	%100
27	M14	X	-.349	-.349	0	%100
28	M14	Z	-.202	-.202	0	%100
29	M15	X	-.349	-.349	0	%100
30	M15	Z	-.202	-.202	0	%100
31	M16	X	-.349	-.349	0	%100
32	M16	Z	-.202	-.202	0	%100



Company : Maser Consulting
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 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
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Member Distributed Loads (BLC 75 : Structure Wm (300 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%]	End Location[ft.%]
33	M17	X	-.273	-.273	0 %100
34	M17	Z	-.158	-.158	0 %100
35	M18	X	-.273	-.273	0 %100
36	M18	Z	-.158	-.158	0 %100
37	M19	X	-.341	-.341	0 %100
38	M19	Z	-.197	-.197	0 %100
39	M20	X	-.341	-.341	0 %100
40	M20	Z	-.197	-.197	0 %100
41	M21	X	-.191	-.191	0 %100
42	M21	Z	-.11	-.11	0 %100
43	M22	X	-.095	-.095	0 %100
44	M22	Z	-.055	-.055	0 %100
45	M23	X	-.305	-.305	0 %100
46	M23	Z	-.176	-.176	0 %100
47	M24	X	-.349	-.349	0 %100
48	M24	Z	-.202	-.202	0 %100
49	M25	X	-.349	-.349	0 %100
50	M25	Z	-.202	-.202	0 %100
51	M26	X	-.349	-.349	0 %100
52	M26	Z	-.202	-.202	0 %100
53	M27	X	-.091	-.091	0 %100
54	M27	Z	-.053	-.053	0 %100
55	M28	X	-.091	-.091	0 %100
56	M28	Z	-.053	-.053	0 %100
57	M29	X	-.26	-.26	0 %100
58	M29	Z	-.15	-.15	0 %100
59	M30	X	-.26	-.26	0 %100
60	M30	Z	-.15	-.15	0 %100
61	M31	X	-.573	-.573	0 %100
62	M31	Z	-.331	-.331	0 %100
63	M32	X	-.286	-.286	0 %100
64	M32	Z	-.165	-.165	0 %100
65	M33	X	-.916	-.916	0 %100
66	M33	Z	-.529	-.529	0 %100
67	M34	X	-.349	-.349	0 %100
68	M34	Z	-.202	-.202	0 %100
69	M35	X	-.349	-.349	0 %100
70	M35	Z	-.202	-.202	0 %100
71	M36	X	-.349	-.349	0 %100
72	M36	Z	-.202	-.202	0 %100
73	M37	X	-.273	-.273	0 %100
74	M37	Z	-.158	-.158	0 %100
75	M38	X	-.273	-.273	0 %100
76	M38	Z	-.158	-.158	0 %100
77	M39	X	-.341	-.341	0 %100
78	M39	Z	-.197	-.197	0 %100
79	M40	X	-.341	-.341	0 %100
80	M40	Z	-.197	-.197	0 %100
81	M44	X	-.712	-.712	0 %100
82	M44	Z	-.411	-.411	0 %100
83	M51	X	-.404	-.404	0 %100
84	M51	Z	-.233	-.233	0 %100
85	M52	X	-.404	-.404	0 %100
86	M52	Z	-.233	-.233	0 %100
87	M53	X	-.404	-.404	0 %100
88	M53	Z	-.233	-.233	0 %100
89	M54	X	-.229	-.229	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
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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, %]
90	M54	Z	-132	-132	0 %100
91	M92	X	-435	-435	0 %100
92	M92	Z	-251	-251	0 %100
93	M92A	X	-435	-435	0 %100
94	M92A	Z	-251	-251	0 %100
95	M94	X	-135	-135	0 %100
96	M94	Z	-078	-078	0 %100
97	M95	X	-135	-135	0 %100
98	M95	Z	-078	-078	0 %100
99	M96	X	-135	-135	0 %100
100	M96	Z	-078	-078	0 %100
101	M97	X	-687	-687	0 %100
102	M97	Z	-397	-397	0 %100
103	M98	X	-404	-404	0 %100
104	M98	Z	-233	-233	0 %100
105	M99	X	-404	-404	0 %100
106	M99	Z	-233	-233	0 %100
107	M100	X	-404	-404	0 %100
108	M100	Z	-233	-233	0 %100
109	M101	X	-229	-229	0 %100
110	M101	Z	-132	-132	0 %100
111	M102	X	-135	-135	0 %100
112	M102	Z	-078	-078	0 %100
113	M103	X	-135	-135	0 %100
114	M103	Z	-078	-078	0 %100
115	M104	X	-135	-135	0 %100
116	M104	Z	-078	-078	0 %100
117	M105	X	-687	-687	0 %100
118	M105	Z	-397	-397	0 %100
119	M74	X	-051	-051	0 %100
120	M74	Z	-03	-03	0 %100
121	M75	X	-712	-712	0 %100
122	M75	Z	-411	-411	0 %100
123	M76	X	-051	-051	0 %100
124	M76	Z	-03	-03	0 %100
125	M78	X	-748	-748	0 %100
126	M78	Z	-432	-432	0 %100
127	M79	X	-977	-977	0 %100
128	M79	Z	-564	-564	0 %100
129	M80	X	-748	-748	0 %100
130	M80	Z	-432	-432	0 %100
131	M81	X	-977	-977	0 %100
132	M81	Z	-564	-564	0 %100
133	M91	X	-435	-435	0 %100
134	M91	Z	-251	-251	0 %100
135	M92B	X	-435	-435	0 %100
136	M92B	Z	-251	-251	0 %100
137	M93B	X	-435	-435	0 %100
138	M93B	Z	-251	-251	0 %100
139	M94A	X	-435	-435	0 %100
140	M94A	Z	-251	-251	0 %100
141	MP4C	X	-527	-527	0 %100
142	MP4C	Z	-304	-304	0 %100
143	MP3C	X	-435	-435	0 %100
144	MP3C	Z	-251	-251	0 %100
145	MP2C	X	-435	-435	0 %100
146	MP2C	Z	-251	-251	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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.%]
147	MP1C	X	-.435	-.435	0	%100
148	MP1C	Z	-.251	-.251	0	%100
149	MP4B	X	-.527	-.527	0	%100
150	MP4B	Z	-.304	-.304	0	%100
151	MP3B	X	-.435	-.435	0	%100
152	MP3B	Z	-.251	-.251	0	%100
153	MP2B	X	-.435	-.435	0	%100
154	MP2B	Z	-.251	-.251	0	%100
155	MP1B	X	-.435	-.435	0	%100
156	MP1B	Z	-.251	-.251	0	%100
157	MP4A	X	-.527	-.527	0	%100
158	MP4A	Z	-.304	-.304	0	%100
159	MP3A	X	-.435	-.435	0	%100
160	MP3A	Z	-.251	-.251	0	%100
161	MP2A	X	-.435	-.435	0	%100
162	MP2A	Z	-.251	-.251	0	%100
163	MP1A	X	-.435	-.435	0	%100
164	MP1A	Z	-.251	-.251	0	%100
165	M123	X	-.043	-.043	0	%100
166	M123	Z	-.025	-.025	0	%100
167	M124	X	-.003	-.003	0	%100
168	M124	Z	-.002	-.002	0	%100
169	M125	X	-.043	-.043	0	%100
170	M125	Z	-.025	-.025	0	%100
171	M126	X	-.003	-.003	0	%100
172	M126	Z	-.002	-.002	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-.331	-.331	0	%100
2	M1	Z	-.573	-.573	0	%100
3	M2	X	-.165	-.165	0	%100
4	M2	Z	-.286	-.286	0	%100
5	M3	X	-.529	-.529	0	%100
6	M3	Z	-.916	-.916	0	%100
7	M4	X	-.202	-.202	0	%100
8	M4	Z	-.349	-.349	0	%100
9	M5	X	-.202	-.202	0	%100
10	M5	Z	-.349	-.349	0	%100
11	M6	X	-.202	-.202	0	%100
12	M6	Z	-.349	-.349	0	%100
13	M7	X	-.158	-.158	0	%100
14	M7	Z	-.273	-.273	0	%100
15	M8	X	-.158	-.158	0	%100
16	M8	Z	-.273	-.273	0	%100
17	M9	X	-.197	-.197	0	%100
18	M9	Z	-.341	-.341	0	%100
19	M10	X	-.197	-.197	0	%100
20	M10	Z	-.341	-.341	0	%100
21	M11	X	-.11	-.11	0	%100
22	M11	Z	-.191	-.191	0	%100
23	M12	X	-.055	-.055	0	%100
24	M12	Z	-.095	-.095	0	%100
25	M13	X	-.176	-.176	0	%100
26	M13	Z	-.305	-.305	0	%100
27	M14	X	-.202	-.202	0	%100



Company : Maser Consulting
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 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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.%]
28	M14	Z	-.349	-.349	0 %100
29	M15	X	-.202	-.202	0 %100
30	M15	Z	-.349	-.349	0 %100
31	M16	X	-.202	-.202	0 %100
32	M16	Z	-.349	-.349	0 %100
33	M17	X	-.053	-.053	0 %100
34	M17	Z	-.091	-.091	0 %100
35	M18	X	-.053	-.053	0 %100
36	M18	Z	-.091	-.091	0 %100
37	M19	X	-.15	-.15	0 %100
38	M19	Z	-.26	-.26	0 %100
39	M20	X	-.15	-.15	0 %100
40	M20	Z	-.26	-.26	0 %100
41	M21	X	-.331	-.331	0 %100
42	M21	Z	-.573	-.573	0 %100
43	M22	X	-.165	-.165	0 %100
44	M22	Z	-.286	-.286	0 %100
45	M23	X	-.529	-.529	0 %100
46	M23	Z	-.916	-.916	0 %100
47	M24	X	-.202	-.202	0 %100
48	M24	Z	-.349	-.349	0 %100
49	M25	X	-.202	-.202	0 %100
50	M25	Z	-.349	-.349	0 %100
51	M26	X	-.202	-.202	0 %100
52	M26	Z	-.349	-.349	0 %100
53	M27	X	-.158	-.158	0 %100
54	M27	Z	-.273	-.273	0 %100
55	M28	X	-.158	-.158	0 %100
56	M28	Z	-.273	-.273	0 %100
57	M29	X	-.197	-.197	0 %100
58	M29	Z	-.341	-.341	0 %100
59	M30	X	-.197	-.197	0 %100
60	M30	Z	-.341	-.341	0 %100
61	M31	X	-.11	-.11	0 %100
62	M31	Z	-.191	-.191	0 %100
63	M32	X	-.055	-.055	0 %100
64	M32	Z	-.095	-.095	0 %100
65	M33	X	-.176	-.176	0 %100
66	M33	Z	-.305	-.305	0 %100
67	M34	X	-.202	-.202	0 %100
68	M34	Z	-.349	-.349	0 %100
69	M35	X	-.202	-.202	0 %100
70	M35	Z	-.349	-.349	0 %100
71	M36	X	-.202	-.202	0 %100
72	M36	Z	-.349	-.349	0 %100
73	M37	X	-.053	-.053	0 %100
74	M37	Z	-.091	-.091	0 %100
75	M38	X	-.053	-.053	0 %100
76	M38	Z	-.091	-.091	0 %100
77	M39	X	-.15	-.15	0 %100
78	M39	Z	-.26	-.26	0 %100
79	M40	X	-.15	-.15	0 %100
80	M40	Z	-.26	-.26	0 %100
81	M44	X	-.411	-.411	0 %100
82	M44	Z	-.712	-.712	0 %100
83	M51	X	-.078	-.078	0 %100
84	M51	Z	-.135	-.135	0 %100



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 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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, %]
85	M52	X	-078	-078	0 %100
86	M52	Z	-135	-135	0 %100
87	M53	X	-078	-078	0 %100
88	M53	Z	-135	-135	0 %100
89	M54	X	-397	-397	0 %100
90	M54	Z	-687	-687	0 %100
91	M92	X	-251	-251	0 %100
92	M92	Z	-435	-435	0 %100
93	M92A	X	-251	-251	0 %100
94	M92A	Z	-435	-435	0 %100
95	M94	X	-233	-233	0 %100
96	M94	Z	-404	-404	0 %100
97	M95	X	-233	-233	0 %100
98	M95	Z	-404	-404	0 %100
99	M96	X	-233	-233	0 %100
100	M96	Z	-404	-404	0 %100
101	M97	X	-132	-132	0 %100
102	M97	Z	-229	-229	0 %100
103	M98	X	-078	-078	0 %100
104	M98	Z	-135	-135	0 %100
105	M99	X	-078	-078	0 %100
106	M99	Z	-135	-135	0 %100
107	M100	X	-078	-078	0 %100
108	M100	Z	-135	-135	0 %100
109	M101	X	-397	-397	0 %100
110	M101	Z	-687	-687	0 %100
111	M102	X	-233	-233	0 %100
112	M102	Z	-404	-404	0 %100
113	M103	X	-233	-233	0 %100
114	M103	Z	-404	-404	0 %100
115	M104	X	-233	-233	0 %100
116	M104	Z	-404	-404	0 %100
117	M105	X	-132	-132	0 %100
118	M105	Z	-229	-229	0 %100
119	M74	X	-03	-03	0 %100
120	M74	Z	-051	-051	0 %100
121	M75	X	-411	-411	0 %100
122	M75	Z	-712	-712	0 %100
123	M76	X	-03	-03	0 %100
124	M76	Z	-051	-051	0 %100
125	M78	X	-432	-432	0 %100
126	M78	Z	-748	-748	0 %100
127	M79	X	-564	-564	0 %100
128	M79	Z	-977	-977	0 %100
129	M80	X	-432	-432	0 %100
130	M80	Z	-748	-748	0 %100
131	M81	X	-564	-564	0 %100
132	M81	Z	-977	-977	0 %100
133	M91	X	-251	-251	0 %100
134	M91	Z	-435	-435	0 %100
135	M92B	X	-251	-251	0 %100
136	M92B	Z	-435	-435	0 %100
137	M93B	X	-251	-251	0 %100
138	M93B	Z	-435	-435	0 %100
139	M94A	X	-251	-251	0 %100
140	M94A	Z	-435	-435	0 %100
141	MP4C	X	-304	-304	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.%,]
142	MP4C	Z	-.527	-.527	0 %100
143	MP3C	X	-.251	-.251	0 %100
144	MP3C	Z	-.435	-.435	0 %100
145	MP2C	X	-.251	-.251	0 %100
146	MP2C	Z	-.435	-.435	0 %100
147	MP1C	X	-.251	-.251	0 %100
148	MP1C	Z	-.435	-.435	0 %100
149	MP4B	X	-.304	-.304	0 %100
150	MP4B	Z	-.527	-.527	0 %100
151	MP3B	X	-.251	-.251	0 %100
152	MP3B	Z	-.435	-.435	0 %100
153	MP2B	X	-.251	-.251	0 %100
154	MP2B	Z	-.435	-.435	0 %100
155	MP1B	X	-.251	-.251	0 %100
156	MP1B	Z	-.435	-.435	0 %100
157	MP4A	X	-.304	-.304	0 %100
158	MP4A	Z	-.527	-.527	0 %100
159	MP3A	X	-.251	-.251	0 %100
160	MP3A	Z	-.435	-.435	0 %100
161	MP2A	X	-.251	-.251	0 %100
162	MP2A	Z	-.435	-.435	0 %100
163	MP1A	X	-.251	-.251	0 %100
164	MP1A	Z	-.435	-.435	0 %100
165	M123	X	-.025	-.025	0 %100
166	M123	Z	-.043	-.043	0 %100
167	M124	X	-.002	-.002	0 %100
168	M124	Z	-.003	-.003	0 %100
169	M125	X	-.025	-.025	0 %100
170	M125	Z	-.043	-.043	0 %100
171	M126	X	-.002	-.002	0 %100
172	M126	Z	-.003	-.003	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	M1	Y	-13.791	-5.787	0 2.222
2	M1	Y	-5.787	-3.214	2.222 4.444
3	M1	Y	-3.214	-6.8	4.444 6.667
4	M1	Y	-6.8	-5.816	6.667 8.889
5	M1	Y	-5.816	-2.017	8.889 11.111
6	M1	Y	-2.017	-.702	11.111 13.333
7	M51	Y	-13.427	-16.83	0 .596
8	M51	Y	-16.83	-16.492	.596 1.193
9	M51	Y	-16.492	-13.566	1.193 1.789
10	M51	Y	-13.566	-10.406	1.789 2.385
11	M51	Y	-10.406	-5.861	2.385 2.982
12	M52	Y	-19.956	-13.127	0 .994
13	M52	Y	-13.127	-9.735	.994 1.988
14	M52	Y	-9.735	-9.78	1.988 2.982
15	M53	Y	-2.493	-17.072	0 .994
16	M53	Y	-17.072	-16.589	.994 1.988
17	M53	Y	-16.589	-2.301	1.988 2.982
18	M54	Y	-10.043	-8.095	0 1.556
19	M54	Y	-8.095	-7.823	1.556 3.113
20	M54	Y	-7.823	-8.92	3.113 4.669
21	M54	Y	-8.92	-8.336	4.669 6.225
22	M54	Y	-8.336	-6.38	6.225 7.782



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.%]	
23	M76	Y	-.507	-6.671	.904	2.259
24	M76	Y	-6.671	-9.512	2.259	3.615
25	M76	Y	-9.512	-5.377	3.615	4.97
26	M76	Y	-5.377	-.507	4.97	6.326
27	M44	Y	-5.926	-6.394	.904	2.711
28	M44	Y	-6.394	-3.892	2.711	4.519
29	M44	Y	-3.892	-.199	4.519	6.326
30	M94	Y	-32.128	-23.537	0	.596
31	M94	Y	-23.537	-18.752	.596	1.193
32	M94	Y	-18.752	-17.799	1.193	1.789
33	M94	Y	-17.799	-17.621	1.789	2.385
34	M94	Y	-17.621	-18.188	2.385	2.982
35	M95	Y	-55.482	-17.42	0	.596
36	M95	Y	-17.42	-17.186	.596	1.193
37	M95	Y	-17.186	-33.662	1.193	1.789
38	M95	Y	-33.662	-28.424	1.789	2.385
39	M95	Y	-28.424	-22.592	2.385	2.982
40	M96	Y	-40.571	-27.08	0	.596
41	M96	Y	-27.08	-29.189	.596	1.193
42	M96	Y	-29.189	-29.354	1.193	1.789
43	M96	Y	-29.354	-21.171	1.789	2.385
44	M96	Y	-21.171	-22.183	2.385	2.982
45	M76	Y	-10.623	-6.854	.904	1.988
46	M76	Y	-6.854	-6.082	1.988	3.073
47	M76	Y	-6.082	-5.399	3.073	4.157
48	M76	Y	-5.399	-1.708	4.157	5.242
49	M76	Y	-1.708	.188	5.242	6.326
50	M21	Y	-1.092	-1.338	0	2.222
51	M21	Y	-1.338	-2.771	2.222	4.444
52	M21	Y	-2.771	-4.715	4.444	6.667
53	M21	Y	-4.715	-5.723	6.667	8.889
54	M21	Y	-5.723	-8.988	8.889	11.111
55	M21	Y	-8.988	-14.773	11.111	13.333
56	M44	Y	-.278	-5.839	.904	1.988
57	M44	Y	-5.839	-9.68	1.988	3.073
58	M44	Y	-9.68	-7.405	3.073	4.157
59	M44	Y	-7.405	-2.174	4.157	5.242
60	M44	Y	-2.174	-.278	5.242	6.326
61	M98	Y	-4.64	-12.275	0	.596
62	M98	Y	-12.275	-14.662	.596	1.193
63	M98	Y	-14.662	-17.354	1.193	1.789
64	M98	Y	-17.354	-16.711	1.789	2.385
65	M98	Y	-16.711	-7.182	2.385	2.982
66	M99	Y	-27.352	-15.707	0	.994
67	M99	Y	-15.707	-7.293	.994	1.988
68	M99	Y	-7.293	-2.108	1.988	2.982
69	M100	Y	-5.277	-15.206	0	.745
70	M100	Y	-15.206	-16.315	.745	1.491
71	M100	Y	-16.315	-12.872	1.491	2.236
72	M100	Y	-12.872	-13.697	2.236	2.982
73	M101	Y	-8.522	-6.882	0	1.556
74	M101	Y	-6.882	-9.098	1.556	3.113
75	M101	Y	-9.098	-8.957	3.113	4.669
76	M101	Y	-8.957	-6.359	4.669	6.225
77	M101	Y	-6.359	-7.517	6.225	7.782
78	M102	Y	-32.128	-23.537	0	.596
79	M102	Y	-23.537	-18.752	.596	1.193



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.%]
80	M102	Y	-18.752	-17.799	1.193	1.789
81	M102	Y	-17.799	-17.621	1.789	2.385
82	M102	Y	-17.621	-18.188	2.385	2.982
83	M103	Y	-55.482	-17.42	0	.596
84	M103	Y	-17.42	-17.186	.596	1.193
85	M103	Y	-17.186	-33.662	1.193	1.789
86	M103	Y	-33.662	-28.424	1.789	2.385
87	M103	Y	-28.424	-22.592	2.385	2.982
88	M104	Y	-40.571	-27.08	0	.596
89	M104	Y	-27.08	-29.189	.596	1.193
90	M104	Y	-29.189	-29.354	1.193	1.789
91	M104	Y	-29.354	-21.171	1.789	2.385
92	M104	Y	-21.171	-22.183	2.385	2.982
93	M74	Y	-10.623	-6.854	.904	1.988
94	M74	Y	-6.854	-6.082	1.988	3.073
95	M74	Y	-6.082	-5.399	3.073	4.157
96	M74	Y	-5.399	-1.708	4.157	5.242
97	M74	Y	-1.708	.188	5.242	6.326
98	M75	Y	-5.926	-6.394	.904	2.711
99	M75	Y	-6.394	-3.892	2.711	4.519
100	M75	Y	-3.892	-.199	4.519	6.326

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	M1	Y	-16.702	-7.008	0	2.222
2	M1	Y	-7.008	-3.892	2.222	4.444
3	M1	Y	-3.892	-8.235	4.444	6.667
4	M1	Y	-8.235	-7.043	6.667	8.889
5	M1	Y	-7.043	-2.443	8.889	11.111
6	M1	Y	-2.443	-.85	11.111	13.333
7	M51	Y	-16.261	-20.382	0	.596
8	M51	Y	-20.382	-19.973	.596	1.193
9	M51	Y	-19.973	-16.43	1.193	1.789
10	M51	Y	-16.43	-12.603	1.789	2.385
11	M51	Y	-12.603	-7.098	2.385	2.982
12	M52	Y	-24.17	-15.898	0	.994
13	M52	Y	-15.898	-11.79	.994	1.988
14	M52	Y	-11.79	-11.844	1.988	2.982
15	M53	Y	-3.019	-20.676	0	.994
16	M53	Y	-20.676	-20.091	.994	1.988
17	M53	Y	-20.091	-2.787	1.988	2.982
18	M54	Y	-12.163	-9.804	0	1.556
19	M54	Y	-9.804	-9.475	1.556	3.113
20	M54	Y	-9.475	-10.803	3.113	4.669
21	M54	Y	-10.803	-10.095	4.669	6.225
22	M54	Y	-10.095	-7.727	6.225	7.782
23	M76	Y	-.614	-8.08	.904	2.259
24	M76	Y	-8.08	-11.52	2.259	3.615
25	M76	Y	-11.52	-6.513	3.615	4.97
26	M76	Y	-6.513	-.614	4.97	6.326
27	M44	Y	-7.178	-7.744	.904	2.711
28	M44	Y	-7.744	-4.714	2.711	4.519
29	M44	Y	-4.714	-.24	4.519	6.326
30	M94	Y	-38.91	-28.506	0	.596
31	M94	Y	-28.506	-22.71	.596	1.193
32	M94	Y	-22.71	-21.556	1.193	1.789



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.%]
33	M94	-21.556	-21.34	1.789	2.385
34	M94	-21.34	-22.027	2.385	2.982
35	M95	-67.195	-21.097	0	.596
36	M95	-21.097	-20.814	.596	1.193
37	M95	-20.814	-40.768	1.193	1.789
38	M95	-40.768	-34.425	1.789	2.385
39	M95	-34.425	-27.362	2.385	2.982
40	M96	-49.136	-32.797	0	.596
41	M96	-32.797	-35.351	.596	1.193
42	M96	-35.351	-35.551	1.193	1.789
43	M96	-35.551	-25.64	1.789	2.385
44	M96	-25.64	-26.866	2.385	2.982
45	M76	-12.865	-8.3	.904	1.988
46	M76	-8.3	-7.366	1.988	3.073
47	M76	-7.366	-6.539	3.073	4.157
48	M76	-6.539	-2.068	4.157	5.242
49	M76	-2.068	.228	5.242	6.326
50	M21	-1.323	-1.62	0	2.222
51	M21	-1.62	-3.356	2.222	4.444
52	M21	-3.356	-5.711	4.444	6.667
53	M21	-5.711	-6.931	6.667	8.889
54	M21	-6.931	-10.886	8.889	11.111
55	M21	-10.886	-17.891	11.111	13.333
56	M44	-.337	-7.071	.904	1.988
57	M44	-7.071	-11.724	1.988	3.073
58	M44	-11.724	-8.969	3.073	4.157
59	M44	-8.969	-2.633	4.157	5.242
60	M44	-2.633	-.337	5.242	6.326
61	M98	-5.62	-14.866	0	.596
62	M98	-14.866	-17.757	.596	1.193
63	M98	-17.757	-21.017	1.193	1.789
64	M98	-21.017	-20.239	1.789	2.385
65	M98	-20.239	-8.698	2.385	2.982
66	M99	-33.126	-19.023	0	.994
67	M99	-19.023	-8.832	.994	1.988
68	M99	-8.832	-2.554	1.988	2.982
69	M100	-6.391	-18.416	0	.745
70	M100	-18.416	-19.759	.745	1.491
71	M100	-19.759	-15.589	1.491	2.236
72	M100	-15.589	-16.589	2.236	2.982
73	M101	-10.321	-8.334	0	1.556
74	M101	-8.334	-11.018	1.556	3.113
75	M101	-11.018	-10.848	3.113	4.669
76	M101	-10.848	-7.702	4.669	6.225
77	M101	-7.702	-9.104	6.225	7.782
78	M102	-38.91	-28.506	0	.596
79	M102	-28.506	-22.71	.596	1.193
80	M102	-22.71	-21.556	1.193	1.789
81	M102	-21.556	-21.34	1.789	2.385
82	M102	-21.34	-22.027	2.385	2.982
83	M103	-67.195	-21.097	0	.596
84	M103	-21.097	-20.814	.596	1.193
85	M103	-20.814	-40.768	1.193	1.789
86	M103	-40.768	-34.425	1.789	2.385
87	M103	-34.425	-27.362	2.385	2.982
88	M104	-49.136	-32.797	0	.596
89	M104	-32.797	-35.351	.596	1.193



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.%]
90	M104	Y	-35.351	-35.551	1.193	1.789
91	M104	Y	-35.551	-25.64	1.789	2.385
92	M104	Y	-25.64	-26.866	2.385	2.982
93	M74	Y	-12.865	-8.3	.904	1.988
94	M74	Y	-8.3	-7.366	1.988	3.073
95	M74	Y	-7.366	-6.539	3.073	4.157
96	M74	Y	-6.539	-2.068	4.157	5.242
97	M74	Y	-2.068	.228	5.242	6.326
98	M75	Y	-7.178	-7.744	.904	2.711
99	M75	Y	-7.744	-4.714	2.711	4.519
100	M75	Y	-4.714	-.24	4.519	6.326

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N99	N98A	N97A	N84	Y	A-B	-.009
2	N97A	N84	N89	N208	Y	B-C	-.009
3	N208	N89	N94	N217	Y	C-D	-.009
4	N217	N94	N99	N98A	Y	A-D	-.009

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N99	N98A	N97A	N84	Y	A-B	-.011
2	N97A	N84	N89	N208	Y	B-C	-.011
3	N208	N89	N94	N217	Y	C-D	-.011
4	N217	N94	N99	N98A	Y	A-D	-.011

Envelope Joint Reactions

Joint	X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC		
1	N147A	max	-401.004	2	8067.552	21	2415.096	21	0	2	0	8	0	8
2		min	-2413.732	20	1276.487	2	408.008	3	0	8	0	2	0	2
3	N150	max	3018.177	18	10067.492	18	3014.923	18	0	9	0	9	0	9
4		min	531.08	12	1706.71	12	546.595	12	0	3	0	3	0	3
5	N153	max	2880.032	14	9610.591	14	-521.941	8	0	9	0	9	0	3
6		min	506.643	8	1625.254	8	-2877.516	14	0	3	0	3	0	9
7	N156	max	-183.252	6	5803.573	24	-199.285	6	0	3	0	9	0	3
8		min	-1733.024	24	553.267	6	-1728.931	24	0	9	0	3	0	9
9	N88	max	1798.305	8	-744.393	8	4091.766	2	-.237	9	1.124	8	-.059	7
10		min	-3495.057	2	-5936.19	14	-2397.951	8	-1.61	15	-1.176	2	-1.511	13
11	N142	max	2997.906	12	-98.096	6	2779.098	12	.016	5	.949	9	.963	24
12		min	-2341.298	6	-3410.054	24	-2095.465	6	-.798	23	-.984	3	.008	6
13	N145	max	3576.524	9	-544.891	2	1889.576	2	1.086	22	1.097	9	1.523	20
14		min	-2283.23	3	-4947.353	21	-3126.112	8	-.034	4	-1.125	3	.18	2
15	N148	max	2117.037	11	-817.763	12	2326.494	12	1.694	17	1.245	9	-.117	12
16		min	-3968.136	5	-6227.744	18	-4222.882	6	.205	11	-1.274	3	-1.578	18
17	Totals:	max	6091.987	10	12289.631	18	6550.894	1						
18		min	-6091.929	4	6065.842	1	-6550.9	7						

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

Member	Shape	Code ...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [...phi*Pnt [lb]	phi*Mn y...	phi*Mn z...	Cb	Eqn	
1	M1	HSS4X4X4	.292	13.333	17	.110	.833	y	1	64579.8	127386	14.774	14.774	3... H1-1b
2	M2	HSS2X2X3	.284	.833	2	.134	.833	z	7	5656.632	44982	2.511	2.511	3... H1-1b
3	M4	HSS2X2X3	.210	3.25	2	.076	3.25	y	4	37819.889	44982	2.511	2.511	2... H1-1b



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

Member	Shape	Code ...	Loc(ft)	LC	Shear ...	Loc(ft)	Dir	LC	phi*Pnc [..]	phi*Pnt [lb]	phi*Mn y...	phi*Mn z...	Cb	Eqn	
4	M5	HSS2X2X3	.307	3.25	16	.105	2.81	y	19	37819.889	44982	2.511	2.511	2...	H1-1b
5	M6	HSS2X2X3	.204	3.25	22	.081	2.81	y	19	37819.889	44982	2.511	2.511	2...	H1-1b
6	M7	HSS2X2X3	.064	3.663	5	.016	3.663	y	6	36085.886	44982	2.511	2.511	2...	H1-1b
7	M8	HSS2X2X3	.049	0	4	.027	0	z	7	36085.886	44982	2.511	2.511	2...	H1-1b
8	M9	HSS2X2X3	.145	4.284	7	.057	4.284	y	23	33277.253	44982	2.511	2.511	3...	H1-1b
9	M10	HSS2X2X3	.192	4.284	14	.078	4.284	y	19	33277.253	44982	2.511	2.511	4...	H1-1b
10	M11	HSS4X4X4	.302	0	19	.119	.833	y	20	64579.8	127386	14.774	14.774	3...	H1-1b
11	M12	HSS2X2X3	.319	.833	10	.146	.833	z	4	5656.632	44982	2.511	2.511	3...	H1-1b
12	M14	HSS2X2X3	.186	3.25	12	.072	3.25	z	1	37819.889	44982	2.511	2.511	1...	H1-1b
13	M15	HSS2X2X3	.280	3.25	13	.093	3.25	z	17	37819.889	44982	2.511	2.511	2...	H1-1b
14	M16	HSS2X2X3	.269	3.25	19	.095	2.81	z	16	37819.889	44982	2.511	2.511	1...	H1-1b
15	M17	HSS2X2X3	.059	3.663	1	.016	3.663	y	15	36085.886	44982	2.511	2.511	2...	H1-1b
16	M18	HSS2X2X3	.054	3.663	7	.022	3.663	y	5	36085.886	44982	2.511	2.511	2...	H1-1b
17	M19	HSS2X2X3	.160	4.284	22	.075	4.284	y	16	33277.253	44982	2.511	2.511	3...	H1-1b
18	M20	HSS2X2X3	.183	4.284	13	.073	4.284	y	13	33277.253	44982	2.511	2.511	3...	H1-1b
19	M21	HSS4X4X4	.257	0	16	.125	.833	y	18	64579.8	127386	14.774	14.774	3...	H1-1b
20	M22	HSS2X2X3	.271	.833	10	.115	.833	z	1	5656.632	44982	2.511	2.511	3...	H1-1b
21	M24	HSS2X2X3	.164	3.25	6	.055	3.25	y	3	37819.889	44982	2.511	2.511	2...	H1-1b
22	M25	HSS2X2X3	.225	3.25	23	.087	2.81	y	13	37819.889	44982	2.511	2.511	2...	H1-1b
23	M26	HSS2X2X3	.219	3.25	16	.074	2.81	y	13	37819.889	44982	2.511	2.511	2...	H1-1b
24	M27	HSS2X2X3	.042	0	4	.012	0	z	1	36085.886	44982	2.511	2.511	2...	H1-1b
25	M28	HSS2X2X3	.046	3.663	3	.026	0	z	1	36085.886	44982	2.511	2.511	2...	H1-1b
26	M29	HSS2X2X3	.137	4.284	19	.060	4.284	y	16	33277.253	44982	2.511	2.511	3...	H1-1b
27	M30	HSS2X2X3	.130	4.284	19	.054	4.284	y	13	33277.253	44982	2.511	2.511	3...	H1-1b
28	M31	HSS4X4X4	.206	13.333	20	.056	1.528	y	22	64579.8	127386	14.774	14.774	3...	H1-1b
29	M32	HSS2X2X3	.239	12.917	7	.049	6.667	y	1	5656.632	44982	2.511	2.511	1...	H1-1b
30	M34	HSS2X2X3	.176	3.25	7	.066	3.25	z	7	37819.889	44982	2.511	2.511	1...	H1-1b
31	M35	HSS2X2X3	.345	3.25	20	.098	3.25	z	23	37819.889	44982	2.511	2.511	1...	H1-1b
32	M36	HSS2X2X3	.332	3.25	24	.106	2.81	z	22	37819.889	44982	2.511	2.511	1...	H1-1b
33	M37	HSS2X2X3	.105	3.663	7	.025	0	y	1	36085.886	44982	2.511	2.511	2...	H1-1b
34	M38	HSS2X2X3	.095	3.663	1	.022	0	y	7	36085.886	44982	2.511	2.511	2...	H1-1b
35	M39	HSS2X2X3	.215	4.284	24	.105	4.284	y	22	33277.253	44982	2.511	2.511	3...	H1-1b
36	M40	HSS2X2X3	.245	4.284	20	.101	4.284	y	21	33277.253	44982	2.511	2.511	3...	H1-1b
37	M44	HSS4X4X4	.598	7.249	14	.178	7.249	y	15	93236.975	127386	14.774	14.774	1...	H1-1b
38	M51	L2x2x4	.533	0	22	.042	2.982	z	19	19502.266	30585.6	.691	1.577	1...	H2-1
39	M52	L2x2x4	.637	0	13	.030	2.982	z	17	19502.266	30585.6	.691	1.577	1...	H2-1
40	M53	L2x2x4	.678	0	16	.044	2.982	z	19	19502.266	30585.6	.691	1.577	1...	H2-1
41	M54	L3X3X5	.567	7.782	16	.252	0	y	20	15674.338	57672	2.015	4.384	2...	H2-1
42	M92	PIPE 2.0	.070	5.562	2	.005	5.562		2	20866.733	32130	1.872	1.872	2...	H1-1b
43	M92A	PIPE 2.0	.070	5.562	8	.005	5.562		8	20866.733	32130	1.872	1.872	2...	H1-1b
44	M94	L2x2x4	.653	0	19	.050	2.982	z	15	19502.266	30585.6	.691	1.577	1...	H2-1
45	M95	L2x2x4	.681	0	15	.034	2.982	z	13	19502.266	30585.6	.691	1.577	1...	H2-1
46	M96	L2x2x4	.615	0	13	.050	2.982	z	16	19502.266	30585.6	.691	1.577	1...	H2-1
47	M97	L3X3X5	.533	0	18	.291	0	y	17	15674.338	57672	2.015	4.349	2...	H2-1
48	M98	L2x2x4	.606	0	16	.039	2.982	z	13	19502.266	30585.6	.691	1.577	1...	H2-1
49	M99	L2x2x4	.583	0	15	.028	2.982	z	15	19502.266	30585.6	.691	1.577	1...	H2-1
50	M100	L2x2x4	.457	0	22	.038	2.982	z	13	19502.266	30585.6	.691	1.577	1...	H2-1
51	M101	L3X3X5	.518	0	15	.241	0	y	14	15674.338	57672	2.015	4.502	2...	H2-1
52	M102	L2x2x4	.396	0	24	.038	2.982	z	22	19502.266	30585.6	.691	1.577	1...	H2-1
53	M103	L2x2x4	.474	0	23	.032	2.982	z	20	19502.266	30585.6	.691	1.577	1.4	H2-1
54	M104	L2x2x4	.484	0	20	.038	2.982	z	22	19502.266	30585.6	.691	1.577	1...	H2-1
55	M105	L3X3X5	.468	7.782	19	.185	0	y	23	15674.338	57672	2.015	4.396	2...	H2-1
56	M74	HSS4X4X4	.349	7.249	24	.109	7.249	y	24	93236.975	127386	14.774	14.774	1...	H1-1b
57	M75	HSS4X4X4	.490	7.249	20	.170	7.249	y	20	93236.975	127386	14.774	14.774	1...	H1-1b
58	M76	HSS4X4X4	.618	7.249	17	.188	7.249	y	17	93236.975	127386	14.774	14.774	1...	H1-1b
59	M78	LL2.5x2.5x3x0	.178	4.665	21	.004	0	y	8	49220.021	68040	3.851	2.955	1...	H1-1b*
60	M79	LL2.5x2.5x3x0	.231	2.43	18	.003	0	y	6	49220.021	68040	3.851	2.955	1...	H1-1a



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468690-VZW_MT_LO_H

Aug 5, 2021
 11:40 AM
 Checked By: _____

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

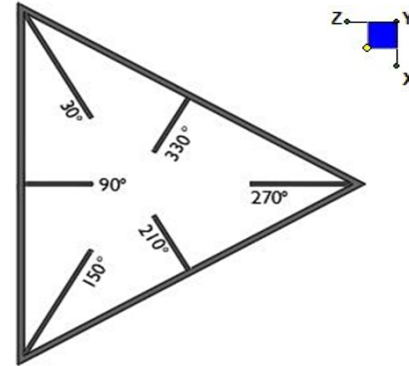
Member	Shape	Code ...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [...]	phi*Pnt [lb]	phi*Mn y...	phi*Mn z...	Cb	Eqn
61	M80	LL2.5x2.5x3x0	.220	2.43	14	.004	0	y	3	49220.021	68040	3.851	2.955	1... H1-1a
62	M81	LL2.5x2.5x3x0	.128	4.665	24	.003	0	z	3	49220.021	68040	3.851	2.955	1... H1-1b*
63	MP4C	PIPE 2.5	.288	6.25	19	.119	3.083		4	30038.461	50715	3.596	3.596	2... H1-1b
64	MP3C	PIPE 2.0	.133	6.25	10	.031	6.25		11	14916.096	32130	1.872	1.872	2... H1-1b
65	MP2C	PIPE 2.0	.115	6.25	1	.036	6.25		5	14916.096	32130	1.872	1.872	2... H1-1b
66	MP1C	PIPE 2.0	.294	6.25	14	.069	3.083		5	14916.096	32130	1.872	1.872	2... H1-1b
67	MP4B	PIPE 2.5	.250	6.25	16	.118	3.083		1	30038.461	50715	3.596	3.596	1... H1-1b
68	MP3B	PIPE 2.0	.160	6.25	7	.029	6.25		1	14916.096	32130	1.872	1.872	1... H1-1b
69	MP2B	PIPE 2.0	.111	6.25	7	.046	6.25		1	14916.096	32130	1.872	1.872	1... H1-1b
70	MP1B	PIPE 2.0	.259	6.25	23	.083	3.083		13	14916.096	32130	1.872	1.872	1... H1-1b
71	MP4A	PIPE 2.5	.255	3	7	.143	3.083		7	30038.461	50715	3.596	3.596	2... H1-1b
72	MP3A	PIPE 2.0	.159	6.25	1	.037	6.25		6	14916.096	32130	1.872	1.872	2... H1-1b
73	MP2A	PIPE 2.0	.130	6.25	2	.045	6.25		7	14916.096	32130	1.872	1.872	1... H1-1b
74	MP1A	PIPE 2.0	.327	6.25	16	.077	3.083		7	14916.096	32130	1.872	1.872	1... H1-1b
75	M123	PL1/4x4	.206	0	4	.116	0	y	3	17694.518	32400	.169	2.7	1... H1-1b
76	M124	PL1/4x4	.168	.645	8	.168	.645	y	12	17694.518	32400	.169	2.7	1... H1-1b
77	M125	PL1/4x4	.163	0	23	.124	0	y	21	17694.518	32400	.169	2.7	1... H1-1b
78	M126	PL1/4x4	.190	.645	1	.110	.645	y	6	17694.518	32400	.169	2.7	1... H1-1b



I. Mount-to-Tower Connection Check

RISA Model Data

Nodes (labeled per RISA)	Orientation (per graphic of typical platform)
N145	30
N148	150
N88	210
N142	330



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):

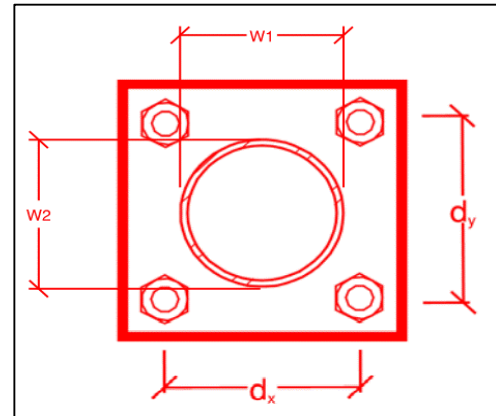
Tensile Strength / bolt (kips):

Shear Strength / bolt (kips):

Tensile Capacity Overall:

Shear Capacity Overall:

yes
4
3
8
A325N
0.75
15.7
11.8
29.8
17.9
13.2%*
16.5%



*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):

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

Required Weld Strength (kip/in):

Plate Bending Capacity:

Weld Capacity:

Rect
6
10
4
4
36
0.5
3
4.18
1.59
83.5%
38.2%

Max Plate Bending Strengths

$M_{u_{xx}}$ (kip-in):	10.3
$\Phi \cdot M_{n_{xx}}$ (kip-in):	12.2
$M_{u_{yy}}$ (kip-in):	-0.2
$\Phi \cdot M_{n_{yy}}$ (kip-in):	20.3

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.

These photos should also certify that the placement and geometry of the equipment on the mount is as depicted on the sketch and table in the mount analysis

- Photos showing the safety climb wire rope above and below the mount prior to modification.
- Photos showing the climbing facility and safety climb if present.

Antenna & equipment placement and Geometry Confirmation:

- The contractor must certify that the antenna & equipment placement and geometry is in accordance with the antenna placement diagrams as included in this mount analysis.
- The contractor certifies that the photos support and the equipment on the mount is as depicted on the antenna placement diagrams as included in this mount analysis.
- The contractor notes that the equipment on the mount is not in accordance with the antenna placement diagrams and has accordingly marked up the diagrams or provided a diagram outlining the differences.

Certifying Individual:	Company	_____
	Name	_____
	Signature	_____



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







Issue:








1. Contractor shall install new safety climb wire clip at all locations where existing wire rope is rubbing existing mount to tower collar connections.
2. Contractor shall replace existing mount pipe in position 4 on all sectors with new 96" long P2 1/2 STD pipe. Connect to existing lower face horizontal using new crossover plates (Perfect Vision Part #: PV-XP-40ST25). Connect to existing upper support rail members using new crossover plates (Perfect Vision Part #: PV-XP-ST-U).
3. Contractor shall replace missing U-Bolts as required at all locations on face vertical brace member connections as required.


Response:


Schedule A – Photo & Document File Structure

-  VzW Site Number / Name
 -  Base & “During Installation” Photos

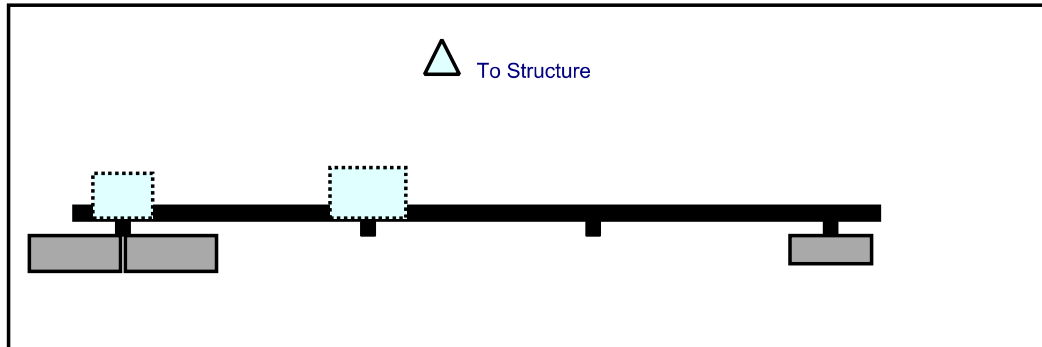
 -  Pre-Installation Photos
 -  Alpha
 -  Beta
 -  Gamma
 -  Ground Level
 -  Tape Drop

 -  Post-Installation Photos
 -  Alpha
 -  Beta
 -  Gamma
 -  Ground Level
 -  Tape Drop
 -  Photos of climbing facility and safety climb – If Present

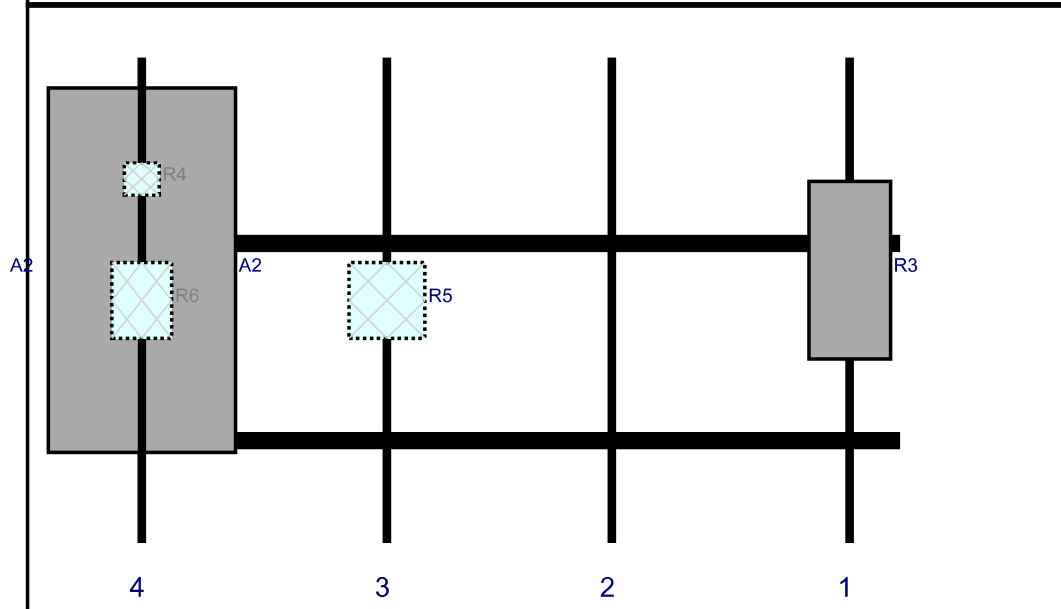
-  Certifications – Submission of this document including certifications

-  Specific Required Additional Photos

Plan View

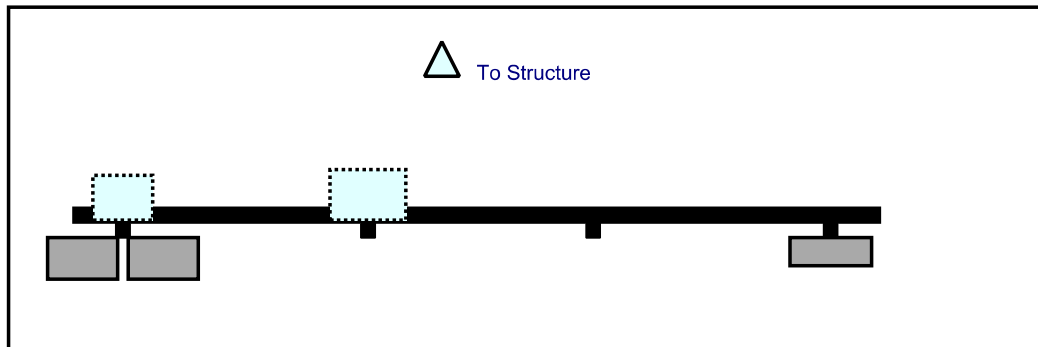


Front View
Looking at Structure

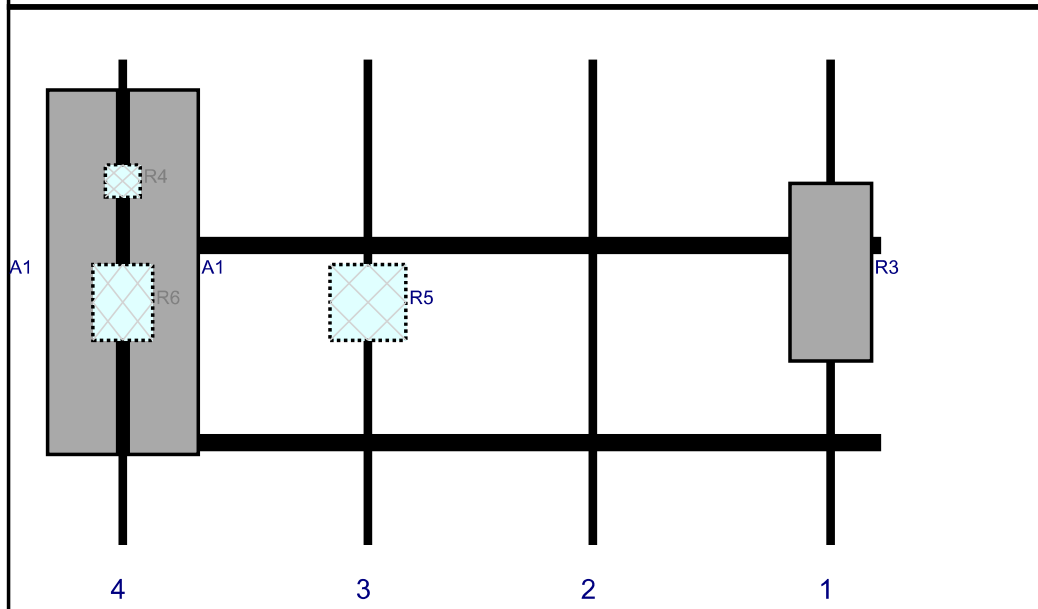


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R3	MT6407-77A	35.1	16.1	150	1	a	Front	42	0	Added	
R5	RF4439d-25A	15	15	58.5	3	a	Behind	48	0	Added	
A2	JAHH-45B-R3B	72	18	10	4	a	Front	42	9.5	Added	
A2	JAHH-45B-R3B	72	18	10	4	b	Front	42	-9.5	Added	
R4	CBC78T-DS-43-2X	6.4	6.9	10	4	a	Behind	24	0	Added	
R6	RF4440d-13A	15	11.8	10	4	a	Behind	48	0	Added	

Plan View

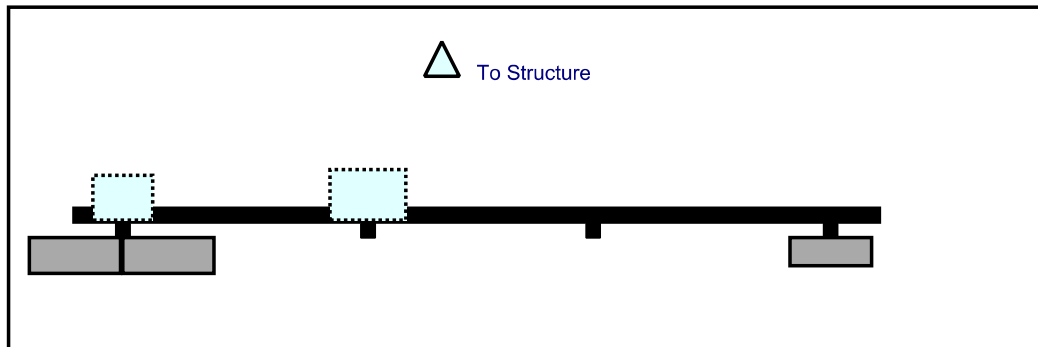


Front View
Looking at Structure

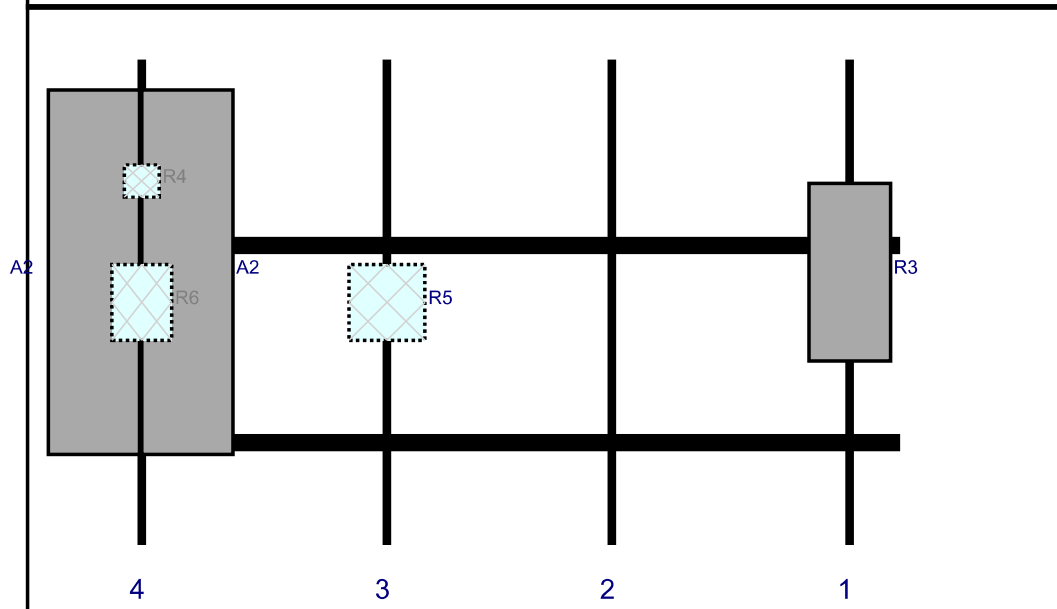


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R3	MT6407-77A	35.1	16.1	150	1	a	Front	42	0	Added	
R5	RF4439d-25A	15	15	58.5	3	a	Behind	48	0	Added	
A1	JAHH-65B-R3B	72	13.8	10	4	a	Front	42	8	Added	
A1	JAHH-65B-R3B	72	13.8	10	4	b	Front	42	-8	Added	
R4	CBC78T-DS-43-2X	6.4	6.9	10	4	a	Behind	24	0	Added	
R6	RF4440d-13A	15	11.8	10	4	a	Behind	48	0	Added	

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
R3	MT6407-77A	35.1	16.1	150	1	a	Front	42	0	Added	
R5	RF4439d-25A	15	15	58.5	3	a	Behind	48	0	Added	
A2	JAHH-45B-R3B	72	18	10	4	a	Front	42	9	Added	
A2	JAHH-45B-R3B	72	18	10	4	b	Front	42	-9.5	Added	
R4	CBC78T-DS-43-2X	6.4	6.9	10	4	a	Behind	24	0	Added	
R6	RF4440d-13A	15	11.8	10	4	a	Behind	48	0	Added	

Maser Consulting Connecticut

Subject

TIA-222-H Usage

Site Information

Site ID: 468690-VZW / DAYVILLE CT - A
Site Name: DAYVILLE CT - A
Carrier Name: Verizon Wireless
Address: 520 Bailey Hill Road
Dayville, Connecticut 06241
Windham County
Latitude: 41.83243333°
Longitude: -71.80923055°

Structure Information

Tower Type: 149-Ft Monopole
Mount Type: 13.33-Ft Platform

To Whom It May Concern,

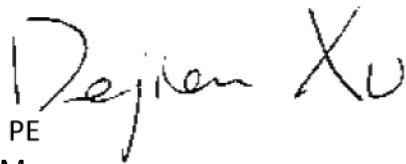
We respectfully submit the above referenced Antenna Mount Structural Analysis report in conformance with ANSI/TIA-222-H, Structural Standard for Antenna Supporting Structures and Antennas and Small Wind Turbine Support Structures.

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

As with all ANSI standards and engineering best practice is to apply the most current revision of the standard. This ensures the engineer is applying all updates. As an example, the TIA-222-H Standard includes updates to bring it in line with the latest AISC and ACI standards and it also incorporates the latest wind speed maps by ASCE 7 based on updated studies of the wind data.

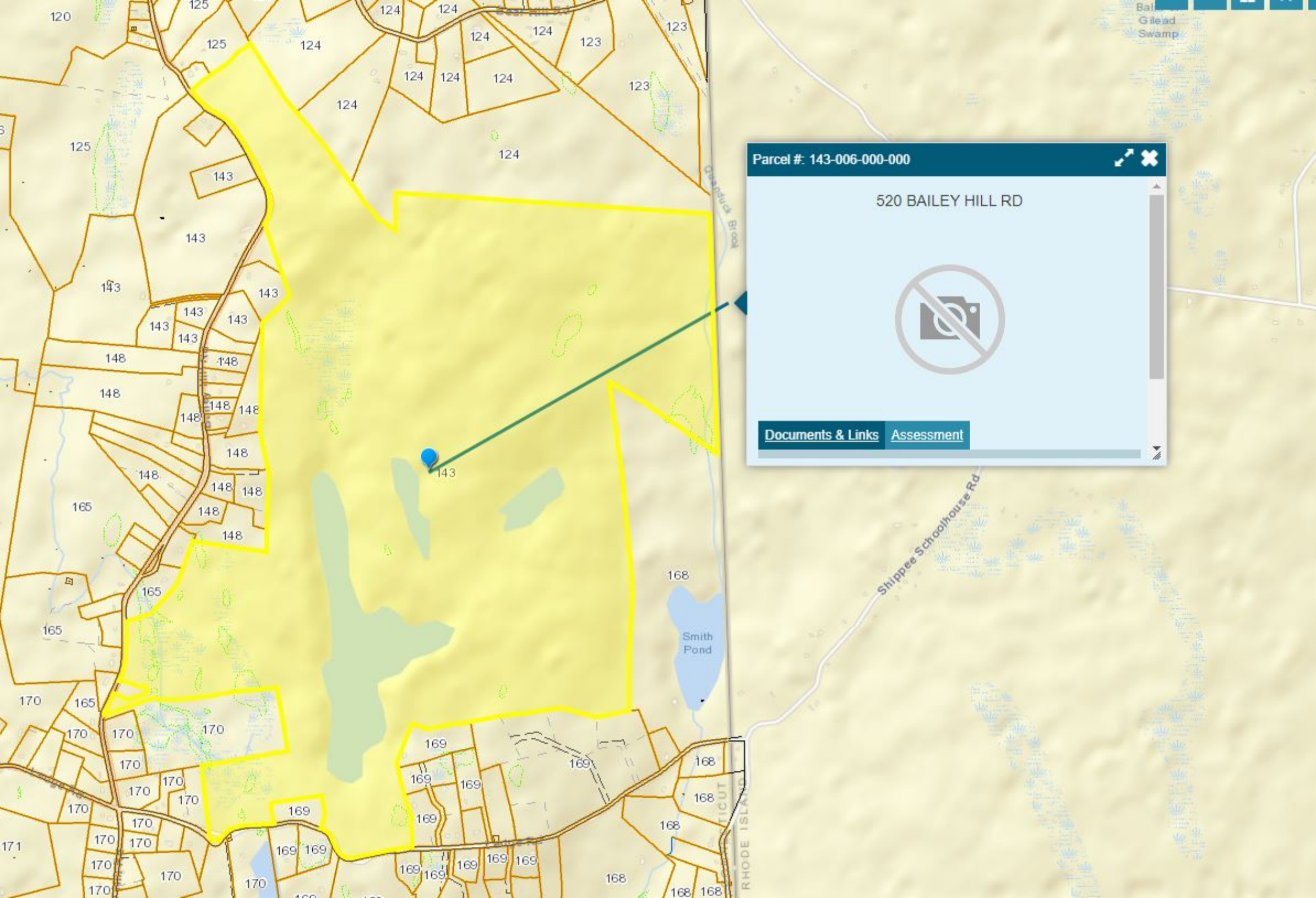
The TIA-222-H standard clarifies these specific requirements for the antenna mount analysis such as modeling methods, seismic analysis, 30-degree increment wind directions and maintenance loading. Therefore, it is our opinion that TIA-222-H is the most appropriate standard for antenna mount structural analysis and is acceptable for use at this site to ensure the engineer is taking into account the most current engineering standard available.

Sincerely,



Dejian Xu, PE
Technical Manager

ATTACHMENT 5



Parcel #: 143-006-000-000

520 BAILEY HILL RD



[Documents & Links](#)

[Assessment](#)

The Assessor's office is responsible for the maintenance of records on the ownership of properties. Assessments are computed at 70% of the estimated market value of real property at the time of the last revaluation which was 2018.



Information on the Property Records for the Municipality of Killingly was last updated on 10/14/2021.

Property Summary Information

- [Parcel Data And Values](#)
- [Outbuildings](#)
- [Sales](#)
- [Permits](#)

Parcel Information

Location:	520 BAILEY HILL RD	Property Use:	Vacant Land	Primary Use:	PA490
Unique ID:	5294	Map Block Lot:	143-6	Acres:	647.00
490 Acres:	587.00	Zone:	RD	Volume / Page:	0753/0204
Developers Map / Lot:		Census:	9041-3042		

Value Information

	Appraised Value	Assessed Value
Land	861,660	202,390
Buildings	0	0
Detached Outbuildings	177,130	123,990
Total	1,038,790	326,380

Owner's Information

Owner's Data

TRI LAKES LLC
 % MGRE CO LLC
 PO BOX 28
 WATERTOWN CT 06795-0028

Detached Outbuildings

Type:	Year Built:	Length:	Width:	Area:
Bsmt Foundation	2020	0.00	0.00	1
Chain Fence	2020	100.00	100.00	10,000
Cell Tower	2020	0.00	0.00	150

Owner History - Sales

Owner Name	Volume	Page	Sale Date	Deed Type	Sale Price
685 PARKER ST INC %DIME SAVINGS BANK OF	0660	0023	07/07/1999		\$0
	0413	0031	12/16/1987		\$0
	0401	0203	08/13/1987		\$0
	0203	0444	03/06/1974		\$0
	0186	0511	03/01/1971		\$0
	0147	0529	09/17/1962		\$0

Building Permits

Permit Number	Permit Type	Date Opened	Reason
26734	T:RESIDENTIAL ELECTRICAL	04/22/2019	VERIZON WILL BE REMOVING 6 ANTENNAS, 3 REMOTE RADIO HEADS + 1 SURGE SUPPRESSOR WILL BE ADDING 6 ANT
25260	T:COMMERCIAL BUILDING	05/05/2017	CONSTRUCT 150' MONOPOLE W/100X100 FENCED COMPOUND & INSTALL ANTENNAS & ASSOCIATED EQUIP & UTILITIES
22076	T:RESIDENTIAL FOUNDATION	10/31/2012	FOUNDATION FOR 2800 SF DWEL

Google Map

Unique Id:

5294

Location:

520 BAILEY HILL

MBL:

143-6

Primary Use:

PA490

Zone:

RD

Acres:

647.00

Appraised Value:

\$1,038,790

Assessed Value:

\$326,380

[Back To Search](#)

[Print View](#)

Information Published With Permission From The Assessor

ATTACHMENT 6



DAYVILLE
Certificate of Mailing — Firm

Name and Address of Sender Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103	TOTAL NO. of Pieces Listed by Sender <div style="font-size: 2em; text-align: center;">3</div>	TOTAL NO. of Pieces Received at Post Office™ <div style="font-size: 2em; text-align: center;">3</div>	Affix Stamp Here <i>Postmark with Date of Receipt.</i> <div style="text-align: right; color: red;"> neopost 10/18/2021 US POSTAGE \$002.99 ZIP 06103 0411 1701957 </div>
	Postmaster, per (name of receiving employee) <div style="font-size: 2em; text-align: center;"> </div>		

USPS® Tracking Number Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)	Postage	Fee	Special Handling	Parcel Airlift
1.	Mary Calorio, Town Manager Town of Killingly 172 Main Street Killingly, CT 06239			<div style="border: 2px solid red; border-radius: 50%; padding: 10px; display: inline-block;"> HOUSE ST. 10 OCT 18 2021 06103 USPS </div>	
2.	Ann-Marie Aubrey, Director of Planning and Zoning Town of Killingly 172 Main Street Killingly, CT 06239				
3.	Tri Lakes LLC P.O. Box 28 Watertown, CT 06795-0028				
4.					
5.					
6.					