



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

October 26, 2021

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

RE: Exempt Modification Application
56 Cosgrove Road, Willington CT 06279
Latitude: 41.892472
Longitude: -72.260583
Site#: 806383_Crown_VZW

Dear Ms. Bachman:

Verizon Wireless is requesting to file an exempt modification for an existing tower located at 56 Cosgrove Road, Willington CT 06279. Verizon Wireless currently maintains twelve (12) antennas at the 138-foot level of the existing 140-foot tower. The property is owned by Daniel & Stacey Perrotta and the tower is owned by Crown Castle. Verizon now intends to replace nine (9) of the existing antenna with three (3) new antenna. The new antennas would be installed at the 138-foot level of the tower. This modification includes B2, B5 hardware that is both 4G (LTE), and 5G capable.

Verizon Planned Modifications:

Remove: (3) Diplexers
(3) LNX-6514DS Antenna
(3) HBXX6517DS Antenna

Remove and Replace:

(6) HBXX6517DS Antenna (REMOVE) – (6) Commscope NHH-65B-R2B Antenna (REPLACE)
(3) Nokia UHIC B4 RRH (REMOVE) - (3) Samsung B2/B66A -BRO49 – RFV01U-D1A RRH (REPLACE)

Install New:

(3) Samsung B5/B13 -BRO4C – RFV01U-D2A RRH
(2) Hybrid lines
(3) MT6407-77A Antenna

Existing to Remain:

(3) LNX-8513DS Antenna
(2) Raycap
(13) Coax
(2) Hybrid



The facility was approved by the Town of Willington Planning and Zoning on December 11, 1996. Please see attached.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies § 16-50j-72(b)(2), 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 The Honorable Erika G. Wiczenski, First Selectman, and Michael D'Amato, Zoning Agent for the Town of Willington. A copy is also being sent to the tower owner, and property owner.

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

1. The proposed modifications will not result in an increase in the height of the existing structure.
2. The proposed modifications will not require the extension of the site boundary.
3. The proposed modifications will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.
4. The operation of the replacement antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communications Commission safety standard.
5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.
6. The existing structure and its foundation can support the proposed loading.

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

Sincerely,

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



NSS

NORTHEAST
SITE SOLUTIONS

Turnkey Wireless Development

Attachments

cc: The Honorable Erika G. Wiczenski, First Selectman
Town Office Building
40 Old Farms Road Willington, CT 06279

Michael D'Amato, Zoning Agent
Town Office Building
40 Old Farms Road Willington, CT 06279

Isabel Drobney, Property Owner
56 Gosgrove Road, Willington CT 06279

Crown Castle, Tower Owner

Exhibit A

Original Facility Approval

**TOWN OF WILLINGTON
APPLICATION FOR ZONING AND BUILDING PERMIT**

NOTICE: This application must be typed or printed in ink and filed

The undersigned hereby applies for a permit to: ERECT (X), ALTER (), ENLARGE (), REPAIR (), REMOVE (), DEMOLISH (), a building or structure heretofore described and in accordance with plans and specifications submitted in duplicate, herewith, as shown on accompanying survey maps.

LOCATION: Whiffard Hill, Willington, CT E (), W (), S (), N () side
(Street & Number to nearest side Street) (If no number is assigned to street above or which side of street)
 LOT # _____ ZONE _____ INTENDED USE OF BUILDING: mobile telephone system
To house electrical equipment for
 SIZE OF LOT: # FT. FRONT _____ # FT. DEEP _____ AREA OF LOT _____
 SIZE OF BUILDING: 154 FT. X 21 FT. NO. OF STORIES 1 TOTAL FLOOR AREA 323.5 SQ. FT.
SEE ATTACHED PLAN
 DISTANCE OF BUILDING FROM LOT LINES: FRONT _____ SIDE _____ SIDE _____ REAR _____
 WORK WILL START ON OR ABOUT November 1, 1986
 OWNER OF LAND: MATTHEW W. TARDIA, NA, DORSET, VT ADDRESS: CORRYVE RD., W. WILLINGTON, VT
 OWNER OF BUILDING: METRO MOBILE CTS of Hartford ADDRESS: 5 Eversley Ave., Norwalk, CT
 ARCHITECT: CON-SERV. INC. 617-667-1124 ADDRESS: 7 Karen Ctr., S-3, Billerica, MA
 BUILDER: NORFAST ENGINEERING & CONSTRUCTION CORP. ADDRESS: 740 A Main Street, Woburn, MA 01801
 HOME IMPROVEMENT CONT. REG. # N/A

This space to be used for Buildings to be Altered, Enlarged, Repaired, Removed or Demolished, Change in use and Special Permit Application.

STATE PROPOSED WORK TO BE DONE OR CHANGE IN USE IN DETAIL:
 (Attach separate sheet if necessary)

Terry D. H. Agar 1-800-212-2833

HOW IS UNDERPINNING BEING HANDLED? _____
 HOW WILL UNDERPINNING BE HANDLED? _____
 IF BUILDING IS TO BE DEMOLISHED OR REMOVED, HAVE YOU NOTIFIED THE PROPER AUTHORITIES AS TO UTILITIES, DO YOU HAVE THEIR RESPECTIVE SERVICE CONNECTIONS, REMOVED OR SANDED AND PLUGGED, WATER (), SEWER (), BLOCK (), GAS ()?

I hereby agree to comply with the requirements of the Zoning Regulations of the Town of Willington and the provisions of the State Building Code and all other State and Health Codes. The plans and specifications submitted herewith have been prepared in accordance with and are intended to meet these requirements. I hereby certify that I am familiar with the regulations or that I have employed competent persons to assist me in the preparation of the plans and specifications. I further agree that as owner or agent for the owner that the work will be done in accordance with these regulations and that I will employ whatever competent assistance or workmen as may be needed to carry on the work in accordance with the regulations and to remove, replace, or repair any work not found to be in accordance with the regulations by any authority.

Id. of Person responsible: 617-33-1875

Date of Submission: 10/30/86

IMPORTANT: I hereby certify that I have read and understand the foregoing information.

SIGNED: [Signature]
 Owner of Duty Authorized Agent (Affidavit)

ADDRESS: _____

DO NOT WRITE BELOW THIS LINE

PERMIT NO. / DATE	Map/Parcel	Building <u>455</u>
COMMENTS/CONDITIONS:		Zoning <u>15</u>
* CERTIFICATE OF SITING COUNCIL ON FILE (FOUND)	Est. Cost Const. <u>\$90,000</u>	Driveway _____
	Total <u>28,000</u>	Heating _____
	Foundation <u>12,000</u>	Electrical _____
	Build <u>35,000</u>	Plumbing _____
	Site <u>15,000</u>	Septic _____
	<u>90,000</u>	Other _____
		TOTAL PD. <u>440 pd.</u>
		(chk #/cash)

* [Signature] 12/29/86 WILLINGTON OFFICIAL/DATE 12-11-86
 ZONING AGENT/DATE

PLANNING & ZONING COMMISSION

Willington, Connecticut 06279

ZONING PERMIT

This permit is hereby applied for in accordance with the requirements of the Willington Zoning Regulations for:

new construction swimming pool change of use other
 addition sign excavating/filling

Date of Application 19 11

Zoning District Lot Area Lot Frontage Required Approvals (all date)
 Record Map # Subdivision Lot No. Special Permit, yes , no
 Location (House Number) (Street) Site Plan Approval, yes , no
 Property Owner Address Phone

PROPERTY USE: Single Family Residence Commercial Other
 Multi-Family Residence Industrial

PROPOSED STRUCTURES Existing Structures: No. Use

1. Description
 2. Dimensions
 3. Livable Floor Area
 4. Estimated Cost of Construction \$
- Health Dept. Approval: # Date:
 Driveway permit: # Date:

Conditions of Approval:

Reasons for Denial:

- Plot Plan Attached
 Conforming All Aspects
 Non Conforming
 Variance granted to

SIGN PERMIT ONLY		Permanent ()	Temporary ()
Legend			
	Blackboard	Lettering	
Color	_____	_____	_____
Dimensions	_____	_____	_____
Area	_____	_____	_____
Building Frontage	_____	_____	_____
Permitted Area	_____	_____	_____
Letter Style _____			
Material _____			
Finish _____			
Lighting _____			
Front Set-Back _____			
Sketch to Scale Attached <input type="checkbox"/>			
Approved by _____			
Date _____			

For Date 19

- Permit void if:
- a. Work or activity not commenced within 3 months of the date of issuance
 - b. Construction authorized not completed within 1 year of the date of issuance.

This permit, if issued, is based upon the plot plan submitted. Falsification, by misrepresentation or omission; or failure to comply with the conditions of approval of this permit shall constitute a violation of the Willington Zoning Regulations.

Signature of owner or authorized agent _____ (Agent's phone) _____ Permit hereby Issued Denied

Fee of PAID
 Date 11/14/19 11 by J. Jorgensen
 Permit #
 LAND USE AGENT
 WILLINGTON LAND USE AGENCY

Zip #

ZONING CERTIFICATE OF COMPLIANCE

Willington, Connecticut 06279

Issued to Address Zone
 For (Premises covered by certificate)
 (House No.) (Street)

Lot # Record # Subdivision #

To verify that a plot plan (attached) certified by on 19 of the above-referenced lot and the structures thereon has been presented to the Zoning Enforcement Officer, and such plan indicates that the construction or use is in conformance with all the applicable Zoning Regulations. Such lot, structures, and/or use are hereby authorized for occupancy. This certificate is based on the certified plot plan submitted. Falsification, by misrepresentation or omission shall constitute a violation of the Willington Zoning Regulations and shall invalidate this Certificate.

Date 19 ... by _____
 LAND USE AGENT
 PLANNING ZONING COMMISSION

Barbadora, Jeff

From: Margaret DuPilka <mdupilka@willingtonct.org>
Sent: Tuesday, August 7, 2018 2:40 PM
To: Barbadora, Jeff
Subject: 56 Cosgrove Rd
Attachments: 20180807121251923.pdf

Note sure if this is what you are looking for. Peggy

-----Original Message-----

From: TOBCopyRoom@willingtonct.org [mailto:TOBCopyRoom@willingtonct.org]
Sent: Tuesday, August 07, 2018 12:13 PM
To: Margaret DuPilka <mdupilka@willingtonct.org>
Subject: Message from "TOB-COPYROOM-COPIER"

This E-mail was sent from "TOB-COPYROOM-COPIER" (MP C4503).

Scan Date: 08.07.2018 12:12:51 (-0400)
Queries to: TOBCopyRoom@willingtonct.org

Bell Atlantic NYNEX Mobile
20 Alexander Drive
P.O. Box 5029
Wallington, CT 06492
Telephone: 203-269-8858

Jennifer Young Gaudet
Manager - Regulator

February 25, 1997

HAND DELIVERED

RECEIVED

FEB 25 1997

CONNECTICUT
SITING COUNCIL

Mr. Joel M. Rinebold, Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, Connecticut 06051

Re: Bell Atlantic NYNEX Mobile - GPS Antennas - Windsor, Vernon, ~~Wallingford~~ Rocky Hill,
Branford, Milford, Darien, Fairfield, Guilford and North Haven Cell Sites

Dear Mr. Rinebold:

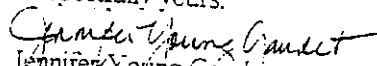
Bell Atlantic NYNEX Mobile ("BANM" or the "Company") plans to mount a small Global Positioning Satellite System ("GPS") receive-only antenna on its towers at the existing BANM facilities referenced above. Please accept this letter as notification, pursuant to R.C.S.A. § 16-50j-73, of construction which constitutes an exempt modification to each facility pursuant to R.C.S.A. § 16-50j-72(b). In compliance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to the chief elected official of each town in which a referenced facility is located, as shown on the attached Appendix A.

The addition of BANM's GPS antenna to each tower site does not constitute a modification as defined in C.G.S. § 16-50i(d) because the general physical characteristics of the facility will not be significantly changed or altered. The addition of the GPS antenna will have no effect on any of the sites.

The planned change to each facility falls squarely within those activities provided for in R.C.S.A. § 16-50j-72(b). The height of the tower will be unaffected. In the case of monopoles, the GPS antenna will be placed on the top platform, where BANM's other antennas are located, and will not extend above the existing antennas. In the case of lattice towers, the GPS antenna will be placed on an approximately 2' sidearm at the 60' level of the tower. Attached as Appendix B is relevant tower and site data for each of the sites. The addition of the GPS antenna will have no effect on the site boundary or noise levels at any of the sites. Nor will there be any effect on the total radio frequency electromagnetic radiation power density at any of the sites, because the GPS antennas are receive-only antennas.

BANM therefore respectfully requests the Council's acknowledgment under R.C.S.A. § 16-50j-72(b) of the addition of the GPS antennas at the referenced facilities.

Respectfully yours,


Jennifer Young Gaudet
Manager - Regulator

Enclosures

Site	Address	Type of Tower	Tower Height	Docket
Windsor	482 Pigeon Hill Road	lattice		
Vernon	South Street	lattice	160'	58
Willington	Cosgrove Road	lattice	130'	58
Rocky Hill	France Street	lattice	140'	58
Branford	1801 North Main Street	monopole	140'	58
Milford	423 Oronoque Road	monopole	110'	122
Darien	Ledge Road	monopole	100'	56
Fairfield	281 Woodhouse Road	monopole	100'	155
Guilford	131 Manor Road	monopole	160'	86
North Haven	117 Washington Avenue	monopole	150'	56
		monopole	120'	117



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

10 Franklin Square
New Britain, Connecticut 06051
Phone: (860) 827-2935
Fax: (860) 827-2950

Exemp Mod.

March 13, 1997

Jennifer Young Gaudet
Regulatory Manager
Bell Atlantic NYNEX Mobile
20 Alexander Drive, P.O. Box 5029
Wallingford, CT 06492

Re: ~~DOCKET NO. 54~~ - Bell Atlantic NYNEX Mobile Certificate of Environmental Compatibility and Public Need for telecommunications facilities in New Haven County. Notice of Intent to Modify Guilford & Milford Facilities

DOCKET NO. 58 - Bell Atlantic NYNEX Mobile Certificate of Environmental Compatibility and Public Need for telecommunications facilities in the Towns of Glastonbury, Haddam, Hartford, Portland, Rocky Hill, Somers, Willington, Vernon, and Windsor Connecticut. Notice of Intent to Modify Rocky Hill, Vernon, [REDACTED] and Windsor Facilities.

DOCKET NO. 86 - Bell Atlantic NYNEX Mobile, Certificate of Environmental Compatibility and Public Need for telecommunications facilities in the Towns of Greenwich and Fairfield. Notice of Intent to Modify Fairfield Facility.

DOCKET NO. 117 - Bell Atlantic NYNEX Mobile Certificate of Environmental Compatibility and Public Need for a telecommunications facility in the Town of North Haven, Connecticut. Notice of Intent to Modify Facility.

DOCKET NO. 122 - Bell Atlantic NYNEX Mobile Certificate of Environmental Compatibility and Public Need for a telecommunications facility in the Town of Branford, Connecticut. Notice of Intent to Modify Facility.

DOCKET NO. 155 - Bell Atlantic NYNEX Mobile Certificate of Environmental Compatibility and Public Need for a telecommunications facility located in the Town of Darien, Connecticut. Notice of Intent to Modify Facility.

Dear Ms. Gaudet:

At a public meeting held on March 12, 1997, the Connecticut Siting Council (Council) acknowledged your notice to modify existing telecommunications facilities in Guilford, Milford, Rocky Hill, Vernon, Willington, Windsor, Fairfield, North Haven, Branford, and Darien, Connecticut, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

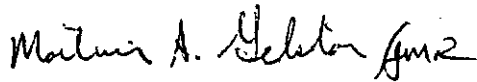
The proposed modifications are to be implemented as specified in your notice dated February 25, 1997. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequency electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. These facilities have been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequency now used on this tower. Any additional change to these facilities will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Science and Technology, Bulletin No. 65. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such

Jennifer Young Gaudet
Page 2

failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

Thank you for your attention and cooperation.

Very truly yours,



Mortimer A. Gelston
Chairman

MAG/RKE/ss

- c: Honorable Francis J. Brady, Mayor of Windsor
- Honorable Tony Muro, Mayor of Vernon
- Honorable John Patton, First Selectman of Willington
- Honorable Donald W. Unwin, Mayor of Rocky Hill
- Honorable Dominic A. Buonocore, First Selectman of Branford
- Honorable Frederick L. Lisman, Mayor of Milford
- Honorable Henry M. Sanders, First Selectman of Darien
- Honorable Paul A. Audley, First Selectman of Fairfield
- Honorable Edward J. Lynch, First Selectman of Guilford
- Honorable Anthony P. Rescigno, First Selectman of North Haven

Exhibit B

Property Card

56 COSGROVE RD

Location 56 COSGROVE RD

Mblu 33 / 024-00 /

Acct# 00058300

Owner DROBNEY ISABEL N

Assessment \$170,580

Appraisal \$243,690

PID 3010

Building Count 1

Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2018	\$191,840	\$51,850	\$243,690

Assessment			
Valuation Year	Improvements	Land	Total
2018	\$134,290	\$36,290	\$170,580

Owner of Record

Owner DROBNEY ISABEL N

Sale Price \$0

Co-Owner AKA ISABELLA

Certificate

Address 56 COSGROVE RD

Book & Page 204/369

WILLINGTON, CT 06279

Sale Date 05/29/2013

Building Information

Building 1 : Section 1

Year Built: 1958
Living Area: 1,963
Replacement Cost: \$260,459
Building Percent Good: 69
Replacement Cost
Less Depreciation: \$179,720

Building Attributes	
Field	Description
Style	Ranch
Model	Residential
Grade:	Good
Stories:	1

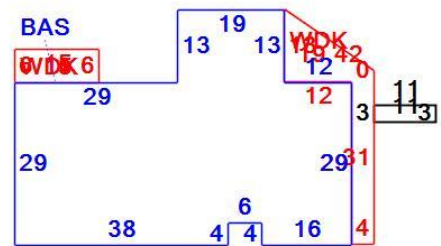
Occupancy	1
Exterior Wall 1	Stucco/Masonry
Exterior Wall 2	Brick Veneer
Roof Structure:	Gable or Hip
Roof Cover	Asbestos Shing
Interior Wall 1	Drywall/Sheet
Interior Wall 2	Wood Panel
Interior Flr 1	Hardwood
Interior Flr 2	Linoleum
Heat Fuel	Oil
Heat Type:	Hot Water
AC Type:	None
Total Bedrooms:	4 Bedrooms
Total Bthrms:	2
Total Half Baths:	0
Total Xtra Fixtrs:	1
Total Rooms:	6
Bath Style:	Average
Kitchen Style:	Average
Fireplaces	2
Bsmt Garage	2 BGR

Building Photo



(<http://images.vgsi.com/photos/WillingtonCTPhotos//00\00\04\82.jpg>)

Building Layout



(ParcelSketch.aspx?pid=3010&bid=3010)

Building Sub-Areas (sq ft)			Legend
Code	Description	Gross Area	Living Area
BAS	First Floor	1,963	1,963
RRM	Rec Room	0	0
UBM	Unfinished Basement	0	0
WDK	Wood Deck	326	0
		2,289	1,963

Extra Features

Extra Features	Legend
No Data for Extra Features	

Land

Land Use

Use Code 1010

Land Line Valuation

Size (Acres) 4.2

Description Single Fam MDL-01
Zone R80
Neighborhood 110
Alt Land Appr No
Category

Frontage
Depth
Assessed Value \$36,290
Appraised Value \$51,850

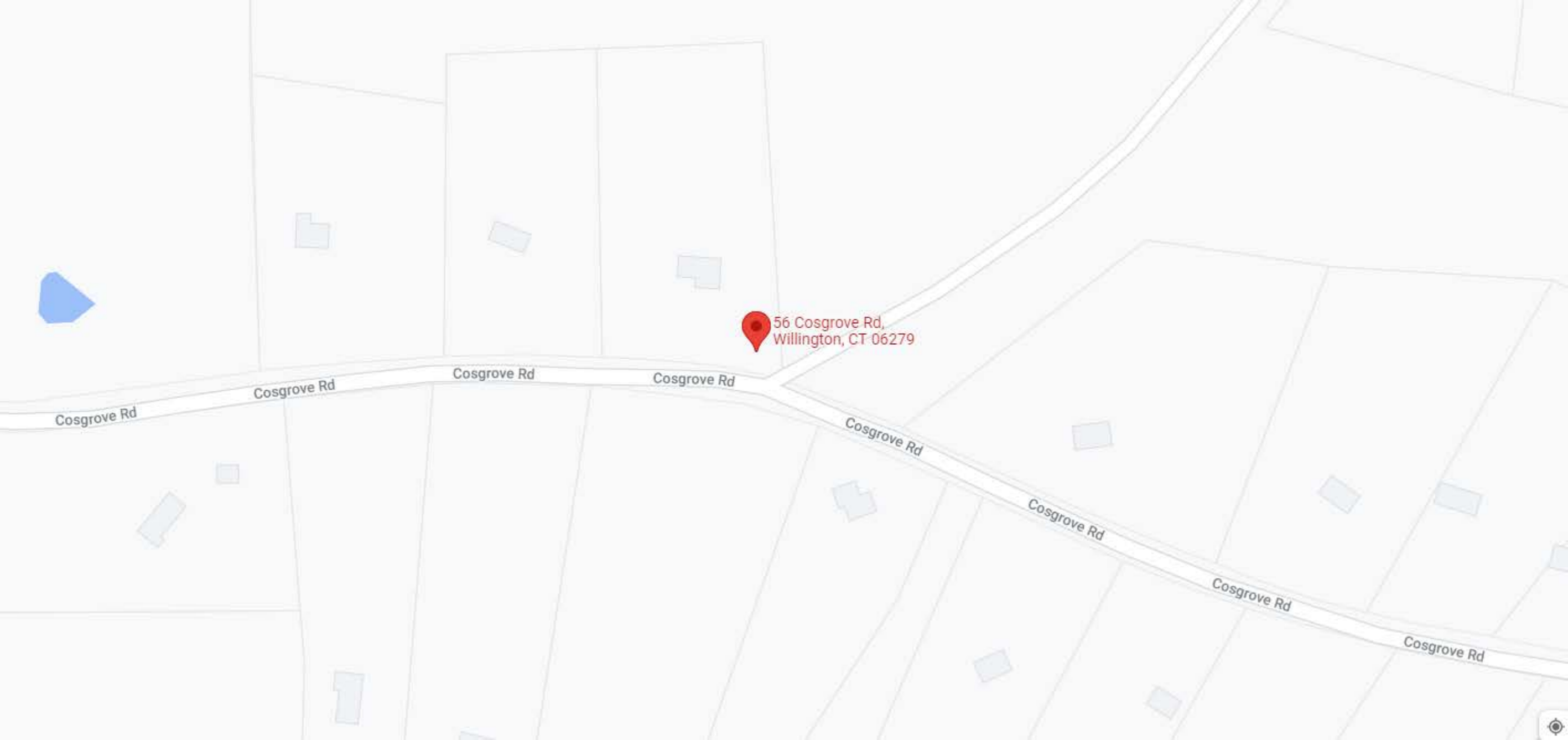
Outbuildings

Outbuildings						<u>Legend</u>
Code	Description	Sub Code	Sub Description	Size	Value	Bldg #
SHD1	SHED FRAME			312.00 S.F.	\$1,870	1
FGR3	GARAGE-POOR			1424.00 S.F.	\$10,250	1

Valuation History

Appraisal			
Valuation Year	Improvements	Land	Total
2019	\$191,840	\$51,850	\$243,690

Assessment			
Valuation Year	Improvements	Land	Total
2019	\$134,290	\$36,290	\$170,580



56 Cosgrove Rd,
Willington, CT 06279

Cosgrove Rd

Cosgrove Rd

Cosgrove Rd

Cosgrove Rd

Cosgrove Rd

Cosgrove Rd

Cosgrove Rd

Cosgrove Rd

Exhibit C

Construction Drawings



VERIZON SITE NUMBER: 325146
VERIZON SITE NAME: WALLINGFORD 1
SITE TYPE: SELF SUPPORT TOWER
TOWER HEIGHT: 140'-0"

BUSINESS UNIT #: 806383
SITE ADDRESS: 56 COSGROVE ROAD
 WILLINGTON, CT 06279
COUNTY: TOLLAND
JURISDICTION: CITY OF
 WILLINGTON

VERIZON 5G L-SUB6-CARRIER ADD



VERIZON SITE NUMBER:
325146

BU #: 806383
HRT 087 943325

 56 COSGROVE ROAD
 WILLINGTON, CT 06279

 EXISTING 140'-0" SELF
 SUPPORT TOWER

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	09/30/2021	CP	CONSTRUCTION	DG
1	10/11/2021	CP	CONSTRUCTION	DG

SITE INFORMATION

CROWN CASTLE USA INC. HRT 087 943325
 SITE NAME:
 SITE ADDRESS: 56 COSGROVE ROAD
 WILLINGTON, CT 06279
 COUNTY: TOLLAND
 MAP/PARCEL #: 33/024-0B
 AREA OF CONSTRUCTION: EXISTING
 LATITUDE: 41°53'32.8992"
 LONGITUDE: -72° 15' 38.0988"
 LAT/LONG TYPE: NAD83
 GROUND ELEVATION: 935 FT
 CURRENT ZONING: R-80
 JURISDICTION: CITY OF WILLINGTON
 OCCUPANCY CLASSIFICATION: U
 TYPE OF CONSTRUCTION: IIB
 A.D.A. COMPLIANCE: FACILITY IS UNMANNED AND NOT FOR
 HUMAN HABITATION
 PROPERTY OWNER: ISABEL N DROBNEY
 56 COSGROVE RD
 WILLINGTON, CT 06279
 TOWER OWNER: CROWN CASTLE
 2000 CORPORATE DRIVE
 CANONSBURG, PA 15317
 CARRIER/APPLICANT: VERIZON WIRELESS
 20 ALEXANDER DRIVE, 2ND FLOOR
 WALLINGFORD, CT 06492
 ELECTRIC PROVIDER: CONNECTICUT LIGHT & POWER CO
 TELCO PROVIDER: LIGHTOWER

DRAWING INDEX

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

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

APPROVALS

SIGNATURE	DATE
_____	_____
_____	_____
_____	_____
_____	_____

CONTRACTOR PMI REQUIREMENTS

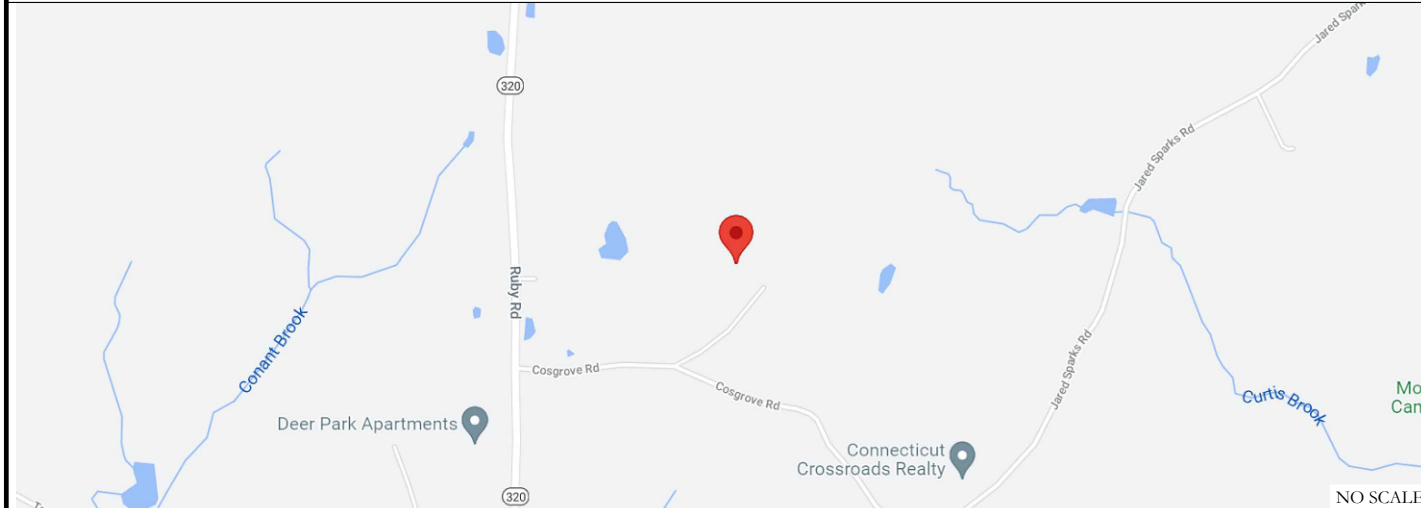
PMI ACCESSED AT	https://pmi.vxwsmart.com
SMART TOOL VENDOR	
PROJECT NUMBER	10039630
VzW LOCATION CODE (PSLC)	468905
*** PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT	

MOUNT MODIFICATION REQUIRED N

VzW APPROVED SMART KIT VENDORS

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

LOCATION MAP



DRIVING DIRECTIONS FROM VERIZON LOCAL OFFICE (20 ALEXANDER DRIVE, WALLINGFORD, CT 06492): HEAD SOUTH TOWARD ALEXANDER DR, SLIGHT RIGHT TOWARD ALEXANDER DR, TURN RIGHT TOWARD ALEXANDER DR, TURN RIGHT ONTO ALEXANDER DR, TURN RIGHT ONTO BARNES INDUSTRIAL PARK RD, TURN RIGHT ONTO CT-68 E, CONTINUE STRAIGHT TO STAY ON CT-68 E, SHARP LEFT TO MERGE ONTO I-91 N TOWARD HARTFORD, USE THE LEFT LANE TO TAKE EXIT 29 FOR U.S.5 N/CONNECTICUT 15 N/I-84 E TOWARD E HARTFORD/BOSTON, USE THE LEFT 2 LANES TO MERGE ONTO I-84 E TOWARD BOSTON, TAKE EXIT 69 FOR CT-74 TOWARD U.S. 44/WILLINGTON/PUTNAM, TURN RIGHT ONTO CT-74 E, TURN LEFT ONTO CT-320 N, TURN RIGHT ONTO COSGROVE RD, TURN LEFT, 56 COSGROVE ROAD WILL BE ON THE LEFT

APPLICABLE CODES/REFERENCE DOCUMENTS

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

CODE TYPE	CODE
BUILDING	2015 IBC
MECHANICAL	2015 IMC
ELECTRICAL	2017 NEC

REFERENCE DOCUMENTS:

STRUCTURAL ANALYSIS:	B+T GROUP
DATED:	09/14/2021
MOUNT ANALYSIS:	MASER CONSULTING CONNECTICUT
DATED:	09/13/2021
RFDS REVISION:	0
DATED:	08/30/2021
ORDER ID:	586108
REVISION:	1

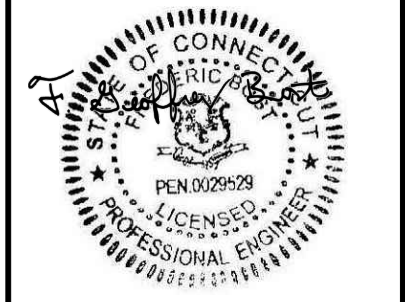
PROJECT DESCRIPTION

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

- TOWER SCOPE OF WORK:**
- REMOVE (9) ANTENNAS
 - REMOVE (6) RRHS
 - REMOVE (6) DIPLEXERS
 - INSTALL (9) ANTENNAS
 - INSTALL (3) DUAL ANTENNA MOUNTS
 - INSTALL (6) RRHS

GROUND SCOPE OF WORK:
REMOVE (3) RRHS

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

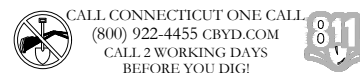


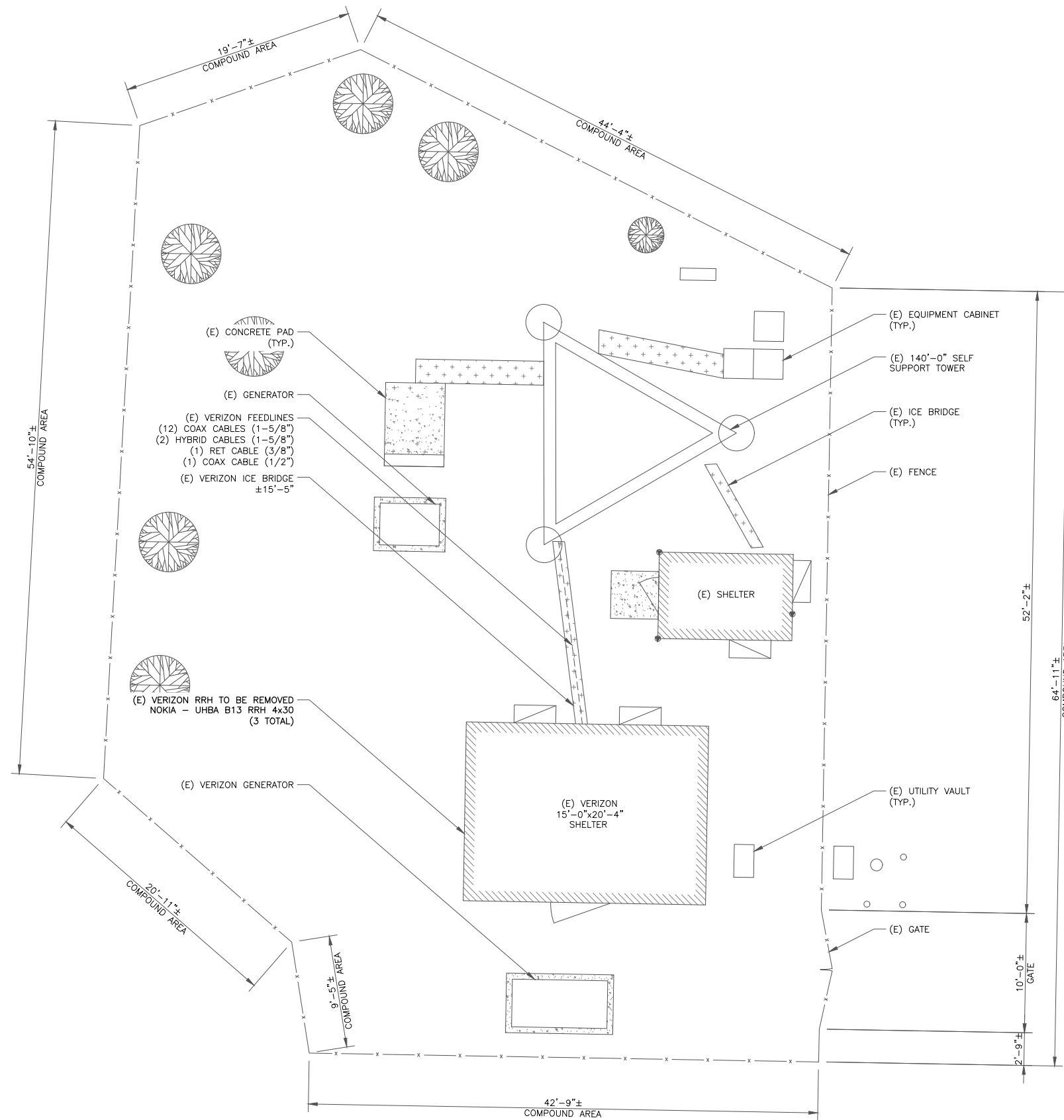
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SHEET NUMBER: T-1
REVISION: 1

PROJECT TEAM

A&E FIRM: CROWN CASTLE USA INC.
 2000 CORPORATE DRIVE
 CANONSBURG, PA 15317
 CROWN.AE.APPROVAL@CROWNCastle.COM
 CROWN CASTLE USA INC. DISTRICT CONTACTS:
 WILLIAM GATES - PROJECT MANAGER
 WILLIAM.GATES@CROWNCastle.COM
 VERIZON CONTACT: ANDREW LEONE
 ALEONE@STRUCTURECONSULTING.NET





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



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

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

ETS
 ENGINEERED TOWER SOLUTIONS, PLLC
 3227 WELLINGTON COURT
 RALEIGH, NC 27615

VERIZON SITE NUMBER:
325146

BU #: **806383**
 HRT **087 943325**

56 COSGROVE ROAD
 WILLINGTON, CT 06279

EXISTING 140'-0" SELF
 SUPPORT TOWER

ISSUED FOR:

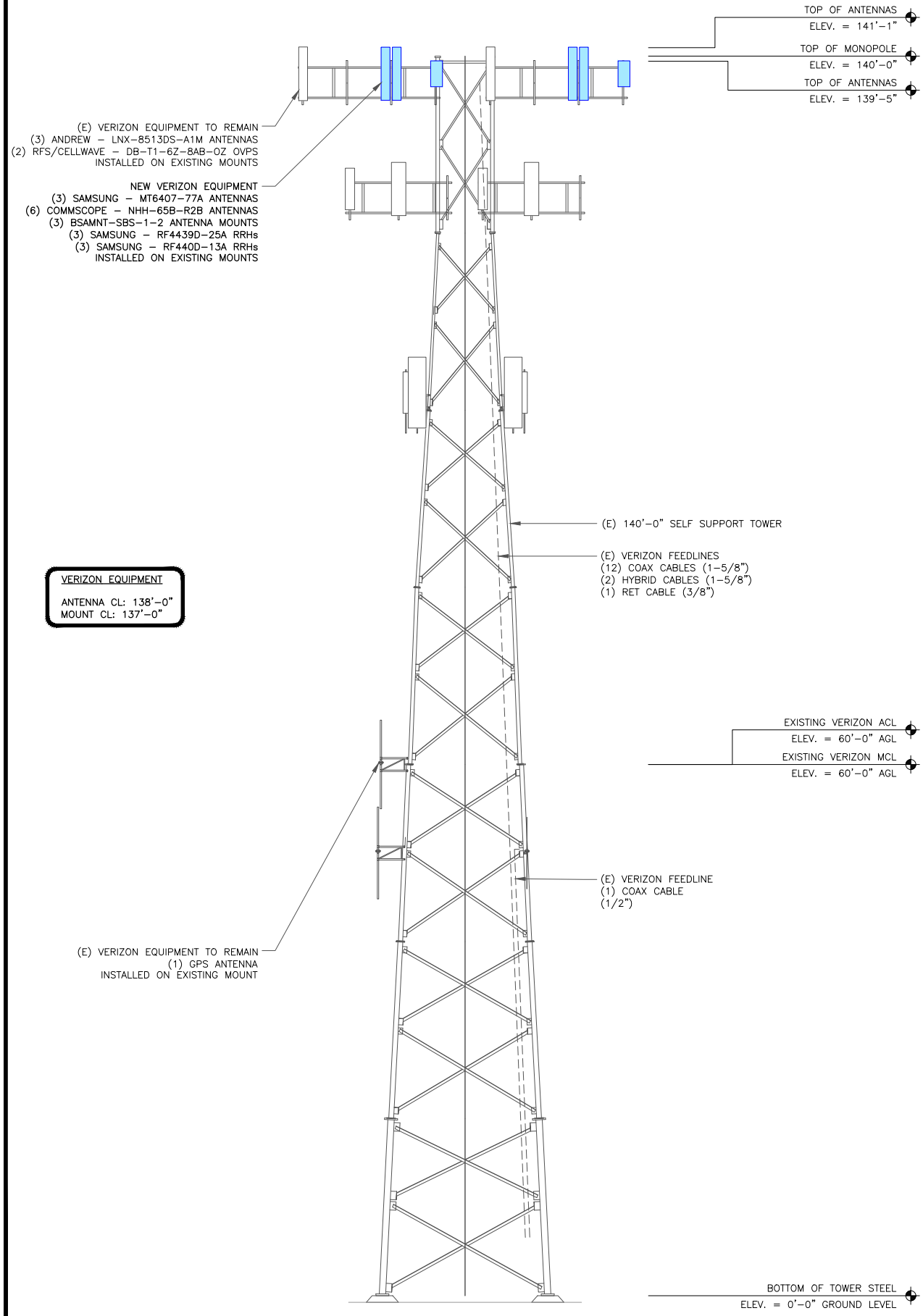
REV	DATE	DRWN	DESCRIPTION	DES/QA
0	09/30/2021	CP	CONSTRUCTION	DG
1	10/11/2021	CP	CONSTRUCTION	DG



10/11/2021

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

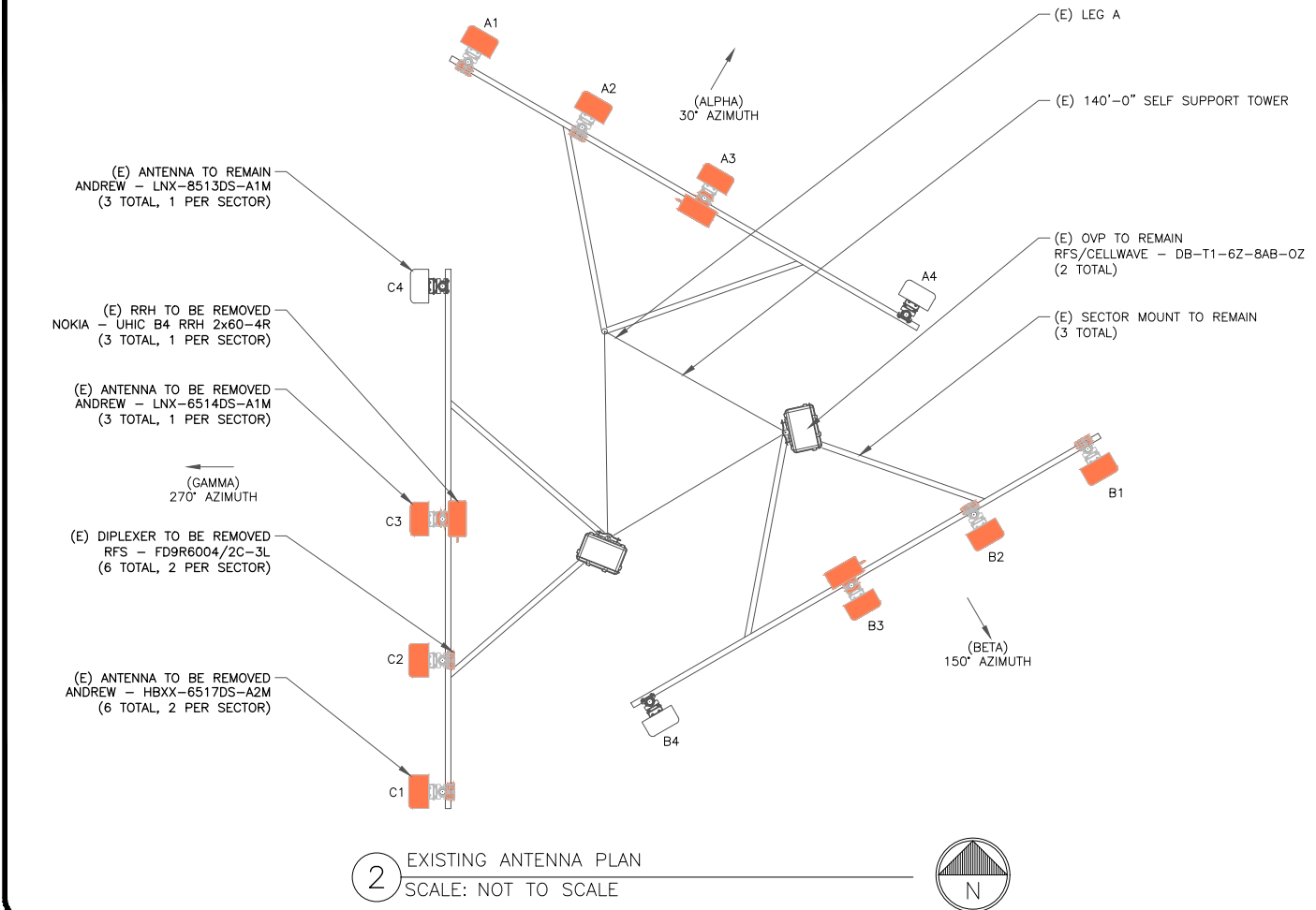
SHEET NUMBER: **C-1** REVISION: **1**



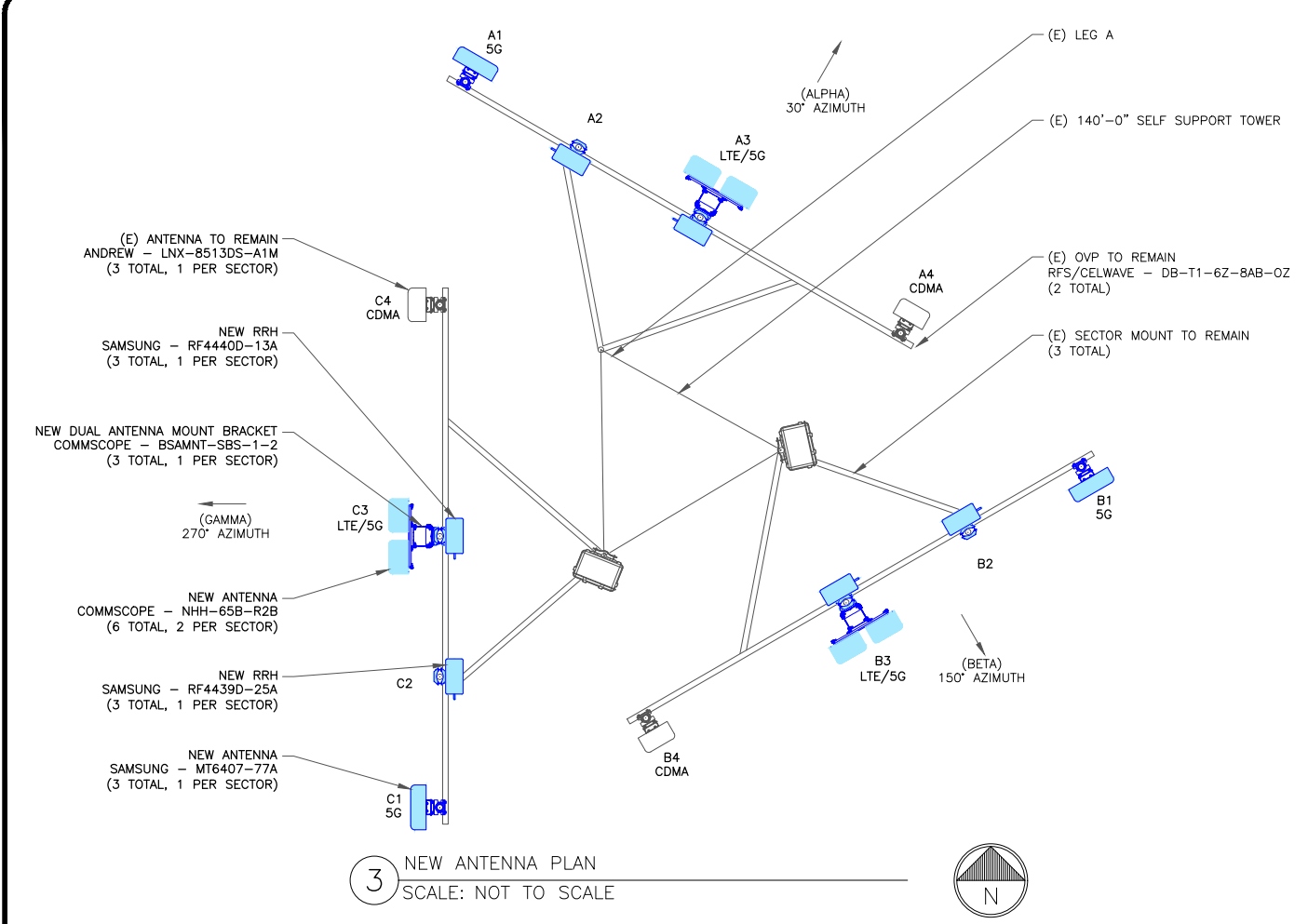
- (E) VERIZON EQUIPMENT TO REMAIN
 (3) ANDREW - LNX-8513DS-A1M ANTENNAS
 (2) RFS/CELLWAVE - DB-T1-6Z-8AB-OZ OVPS
 INSTALLED ON EXISTING MOUNTS
- NEW VERIZON EQUIPMENT
 (3) SAMSUNG - MT6407-77A ANTENNAS
 (6) COMMSCOPE - NHH-65B-R2B ANTENNAS
 (3) BSAMNT-SBS-1-2 ANTENNA MOUNTS
 (3) SAMSUNG - RF4439D-25A RRHs
 (3) SAMSUNG - RF440D-13A RRHs
 INSTALLED ON EXISTING MOUNTS

VERIZON EQUIPMENT
 ANTENNA CL: 138'-0"
 MOUNT CL: 137'-0"

1 TOWER ELEVATION
 SCALE: NOT TO SCALE



2 EXISTING ANTENNA PLAN
 SCALE: NOT TO SCALE



3 NEW ANTENNA PLAN
 SCALE: NOT TO SCALE

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

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

ETS
 ENGINEERED TOWER SOLUTIONS, PLLC
 3227 WELLINGTON COURT
 RALEIGH, NC 27615

VERIZON SITE NUMBER:
325146

BU #: 806383
 HRT 087 943325

56 COSGROVE ROAD
 WILLINGTON, CT 06279

EXISTING 140'-0" SELF
 SUPPORT TOWER

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	09/30/2021	CP	CONSTRUCTION	DG
1	10/11/2021	CP	CONSTRUCTION	DG



10/11/2021

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

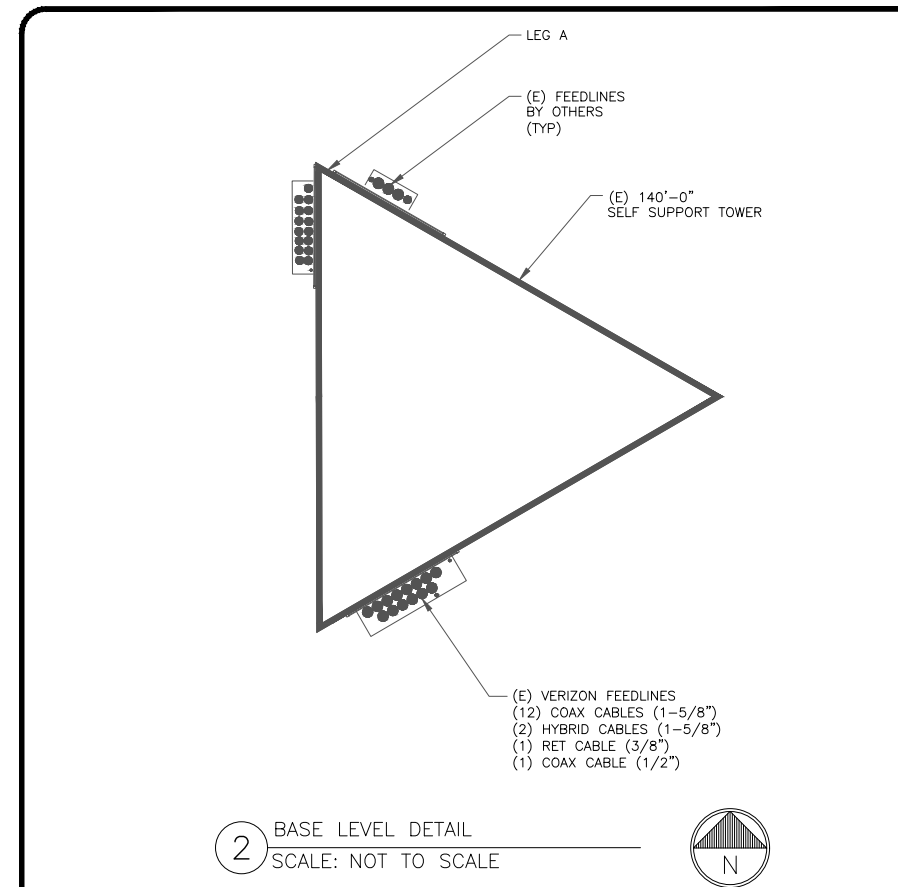
SHEET NUMBER: **C-2** REVISION: **1**

ANTENNA/RRH SCHEDULE									
SECTOR	STATUS	ANTENNA MANUFACTURER	ANTENNA MODEL	ANTENNA CENTERLINE	AZIMUTH	MECHANICAL DOWNTILTS	ELECTRICAL DOWNTILTS	TOWER EQUIPMENT MANUFACTURER	TOWER EQUIPMENT QTY/MODEL
A1	NEW	SAMSUNG	MT6407-77A	138'-0"	30°	0°	6'	-	-
A2	--	--	--	--	--	--	--	SAMSUNG	(1) B2/B66A RRH-RF4439D-25A
A3	NEW	COMMSCOPE	NHH-65B-R2B	138'-0"	30°	0°	6'/6'/6'	SAMSUNG	(1) B5/B13 RRH-RF4440D-13A
	NEW	COMMSCOPE	NHH-65B-R2B	138'-0"	30°	0°	2'/2'		
A4	EXISTING	ANDREW	LNx-8513DS-A1M	138'-0"	30°	--	--	-	-
B1	NEW	SAMSUNG	MT6407-77A	138'-0"	150°	0°	6'	-	-
B2	--	--	--	--	--	--	--	SAMSUNG	(1) B2/B66A RRH-RF4439D-25A
B3	NEW	COMMSCOPE	NHH-65B-R2B	138'-0"	150°	0°	6'/6'/6'	SAMSUNG	(1) B5/B13 RRH-RF4440D-13A
	NEW	COMMSCOPE	NHH-65B-R2B	138'-0"	150°	0°	2'/2'		
B4	EXISTING	ANDREW	LNx-8513DS-A1M	138'-0"	150°	--	--	RAYCAP	(E) (1) RVZDC-3315-PF-48
C1	NEW	SAMSUNG	MT6407-77A	138'-0"	270°	0°	6'	-	-
C2	--	--	--	--	--	--	--	SAMSUNG	(1) B2/B66A RRH-RF4439D-25A
C3	NEW	COMMSCOPE	NHH-65B-R2B	138'-0"	270°	0°	6'/6'/6'	SAMSUNG	(1) B5/B13 RRH-RF4440D-13A
	NEW	COMMSCOPE	NHH-65B-R2B	138'-0"	270°	0°	2'/2'		
C4	EXISTING	ANDREW	LNx-8513DS-A1M	138'-0"	270°	--	--	RAYCAP	(E) (1) RVZDC-3315-PF-48

1 VERIZON TOWER EQUIPMENT SCHEDULE
SCALE: NOT TO SCALE

CABLE SCHEDULE				
STATUS	CABLE TYPE	SIZE	LENGTH	QTY
EXISTING	COAX	1-5/8"	180'-0"±	12
EXISTING	HYBRID	1-5/8"	180'-0"±	2
EXISTING	RET	3/8"	180'-0"±	1
EXISTING	COAX	1/2"	120'-0"±	1
TOTAL CABLE QTY:				16

2 BASE LEVEL DETAIL
SCALE: NOT TO SCALE



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

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

ETS
ENGINEERED TOWER SOLUTIONS, PLLC
3227 WELLINGTON COURT
RALEIGH, NC 27615

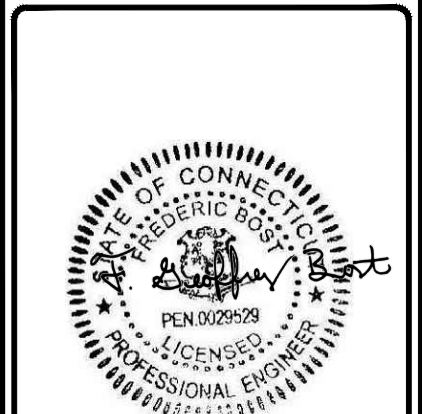
VERIZON SITE NUMBER:
325146

BU #: **806383**
HRT **087 943325**

56 COSGROVE ROAD
WILLINGTON, CT 06279

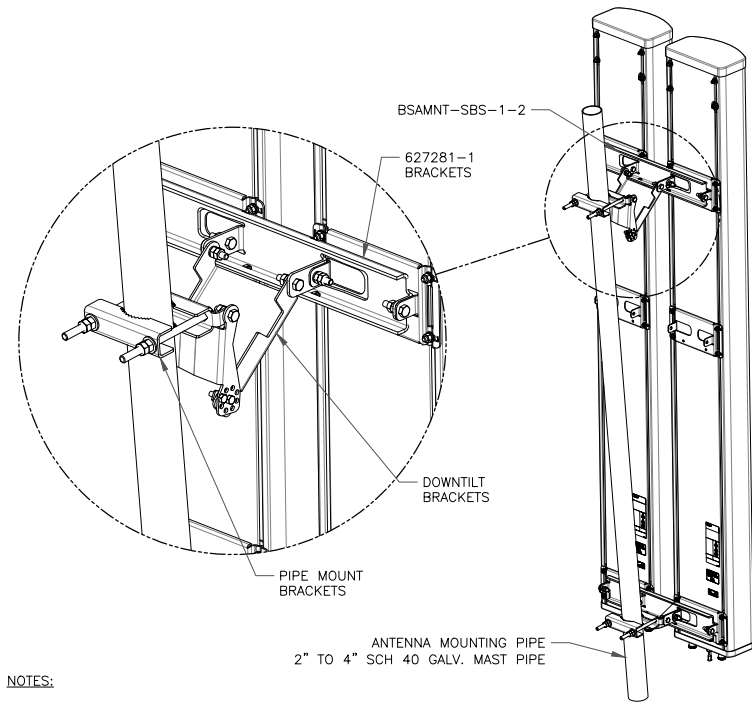
EXISTING 140'-0" SELF
SUPPORT TOWER

ISSUED FOR:				
REV	DATE	DRWN	DESCRIPTION	DES./QA
0	09/30/2021	CP	CONSTRUCTION	DG
1	10/11/2021	CP	CONSTRUCTION	DG



10/11/2021
IT IS A VIOLATION OF LAW FOR ANY PERSON,
UNLESS THEY ARE ACTING UNDER THE DIRECTION
OF A LICENSED PROFESSIONAL ENGINEER,
TO ALTER THIS DOCUMENT.

SHEET NUMBER: **C-3** REVISION: **1**

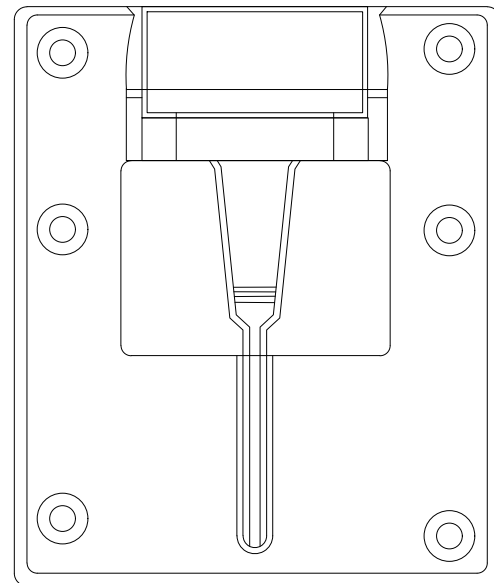


NOTES:

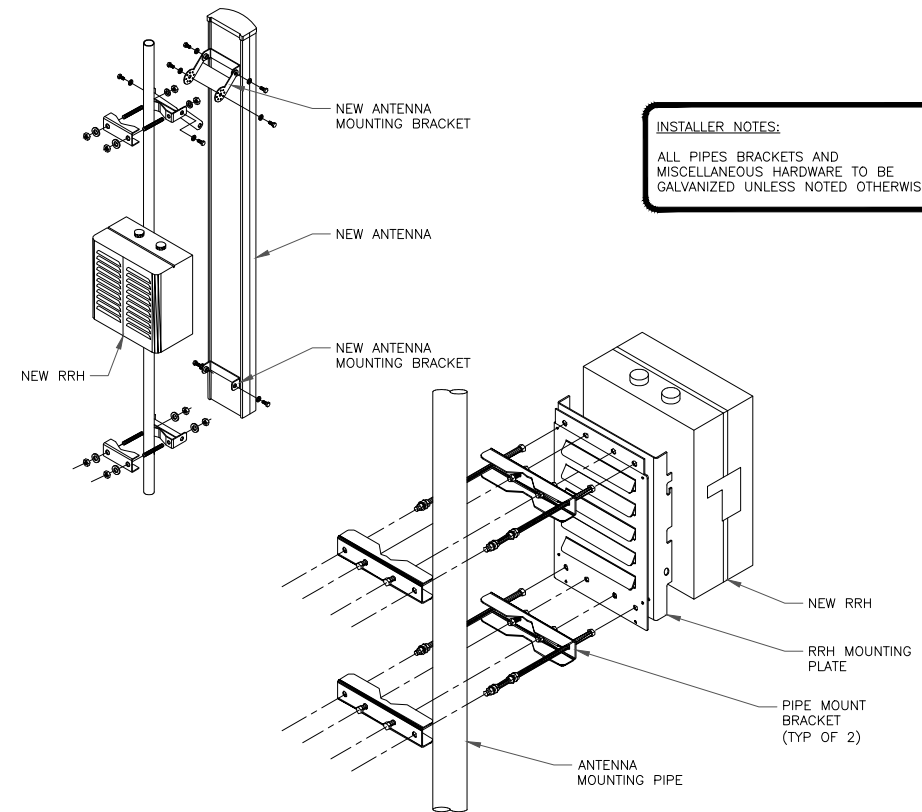
- BSAMNT-SBS-1-2 KIT CONTAINS (2) 627281 MOUNTING BRACKETS.
- TORQUE THE M10 BOLT ASSEMBLY TO 37 N.m. PER MANUFACTURE'S RECOMMENDATIONS.

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

2 NOT USED
SCALE: NOT TO SCALE



3 SAMSUNG - EP97-01585A BRACKET DETAIL
SCALE: NOT TO SCALE



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

4 ANTENNA & RRH MOUNTING DETAIL
SCALE: NOT TO SCALE

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

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

ETS
ENGINEERED TOWER SOLUTIONS, PLLC
3227 WELLINGTON COURT
RALEIGH, NC 27615

VERIZON SITE NUMBER:
325146

BU #: **806383**
HRT **087 943325**

56 COSGROVE ROAD
WILLINGTON, CT 06279

EXISTING 140'-0" SELF SUPPORT TOWER

ISSUED FOR:

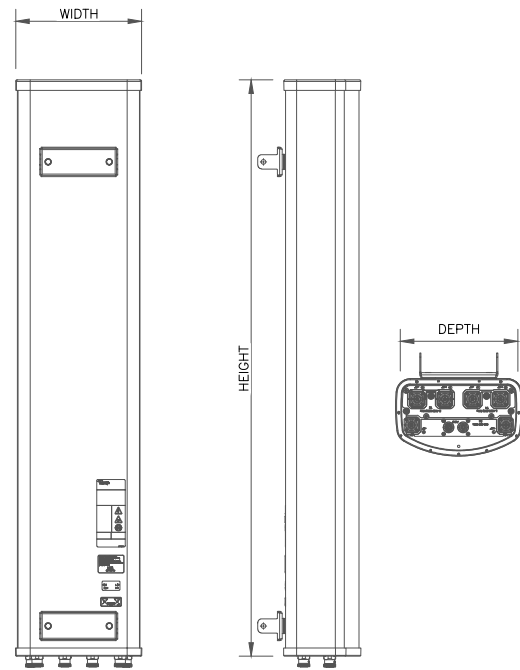
REV	DATE	DRWN	DESCRIPTION	DES/QA
0	09/30/2021	CP	CONSTRUCTION	DG
1	10/11/2021	CP	CONSTRUCTION	DG

10/11/2021

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

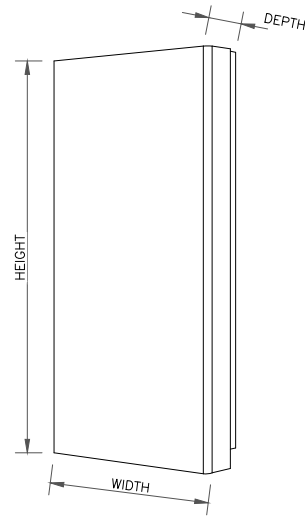
SHEET NUMBER: **C-4** REVISION: **1**

HEIGHT	WIDTH	DEPTH	WEIGHT
55.60"	11.90"	7.10"	33.50 LBS



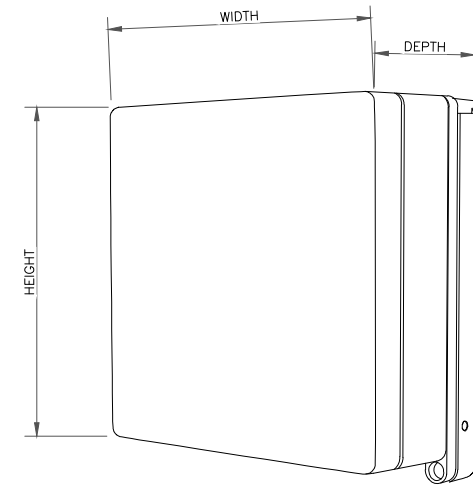
1 COMMSCOPE – NHH-65B-R2B
SCALE: NOT TO SCALE

HEIGHT	WIDTH	DEPTH	WEIGHT
35.06"	16.06"	5.51"	81.57 LBS



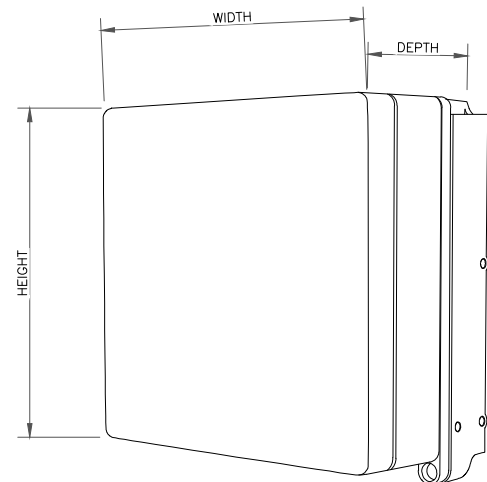
2 SAMSUNG – MT6407-77A
SCALE: NOT TO SCALE

HEIGHT	WIDTH	DEPTH	WEIGHT
14.96"	14.96"	10.04"	74.70 LBS



3 SAMSUNG – RF4439d-25A
SCALE: NOT TO SCALE

HEIGHT	WIDTH	DEPTH	WEIGHT
14.96"	14.96"	9.06"	72.50 LBS



4 SAMSUNG – RF4440d-13A
SCALE: NOT TO SCALE

5 NOT USED
SCALE: NOT TO SCALE

6 NOT USED
SCALE: NOT TO SCALE

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

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

ETS
ENGINEERED TOWER SOLUTIONS, PLLC
3227 WELLINGTON COURT
RALEIGH, NC 27615

VERIZON SITE NUMBER:
325146

BU #: **806383**
HRT **087 943325**

56 COSGROVE ROAD
WILLINGTON, CT 06279

EXISTING 140'-0" SELF
SUPPORT TOWER

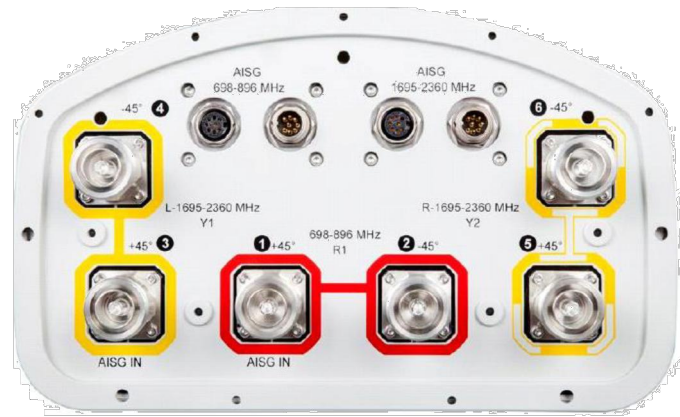
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	09/30/2021	CP	CONSTRUCTION	DG
1	10/11/2021	CP	CONSTRUCTION	DG

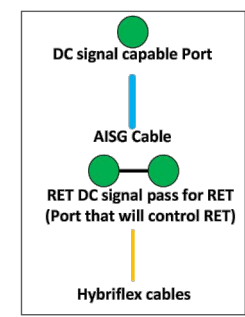
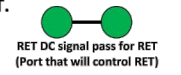
10/11/2021

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

SHEET NUMBER: **C-5** REVISION: **1**



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



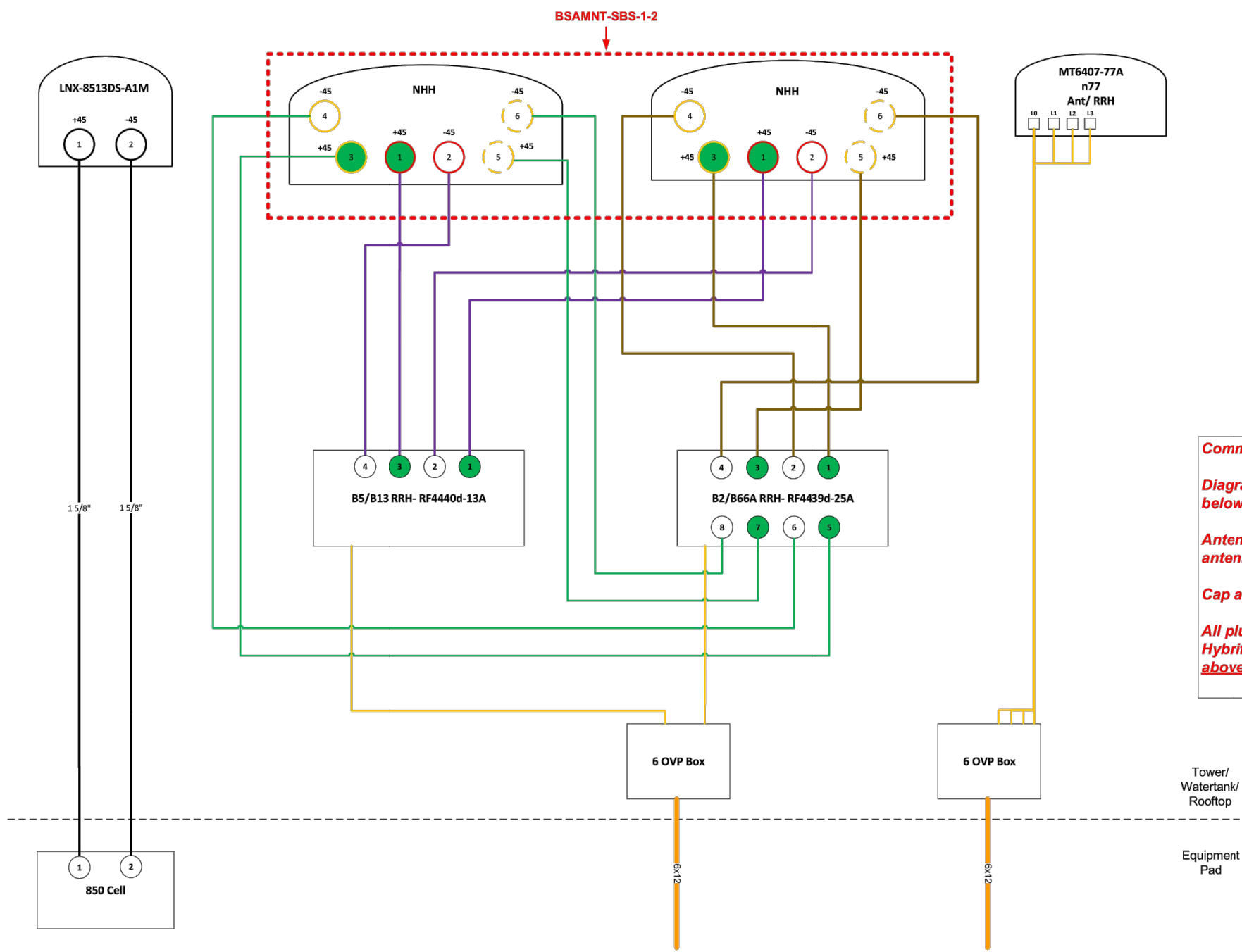
Comments:

Diagram shows antenna port configuration as viewed from below antennas.

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

Cap and weatherproof unused antenna ports.

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



1 PLUMBING DIAGRAM
SCALE: NOT TO SCALE



VERIZON SITE NUMBER:
325146

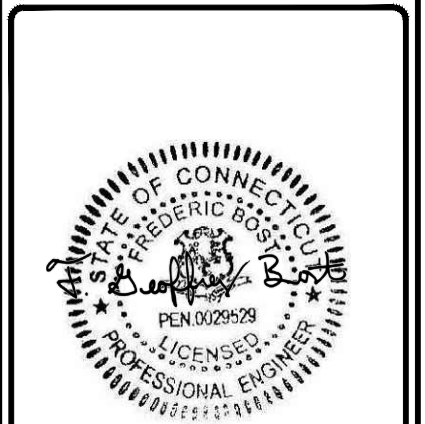
BU #: 806383
HRT 087 943325

56 COSGROVE ROAD
WILLINGTON, CT 06279

EXISTING 140'-0" SELF
SUPPORT TOWER

ISSUED FOR:

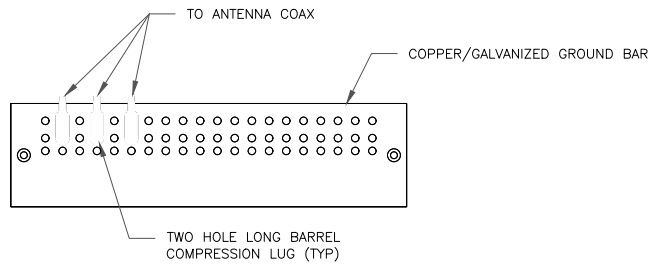
REV	DATE	DRWN	DESCRIPTION	DES/QA
0	09/30/2021	CP	CONSTRUCTION	DG
1	10/11/2021	CP	CONSTRUCTION	DG



10/11/2021

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

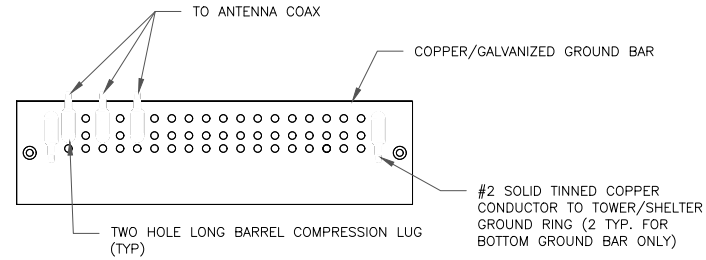
SHEET NUMBER: **C-6** REVISION: **1**



NOTES:

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

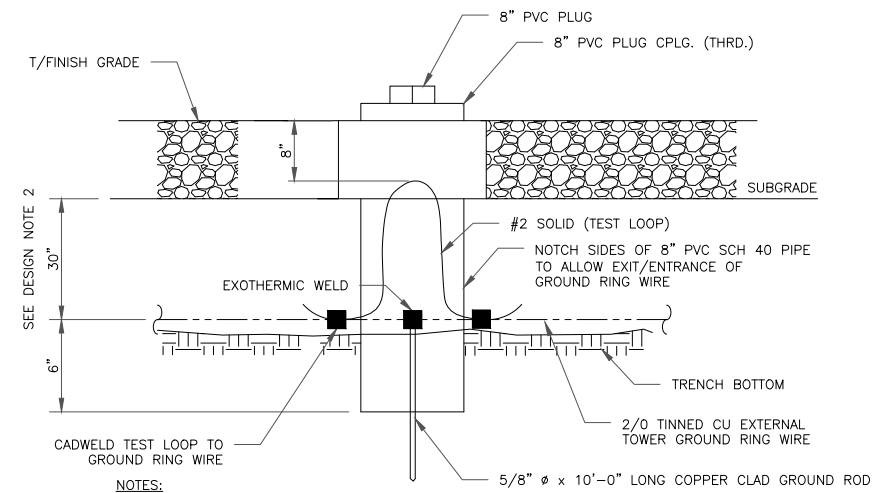
1 ANTENNA SECTOR GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

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

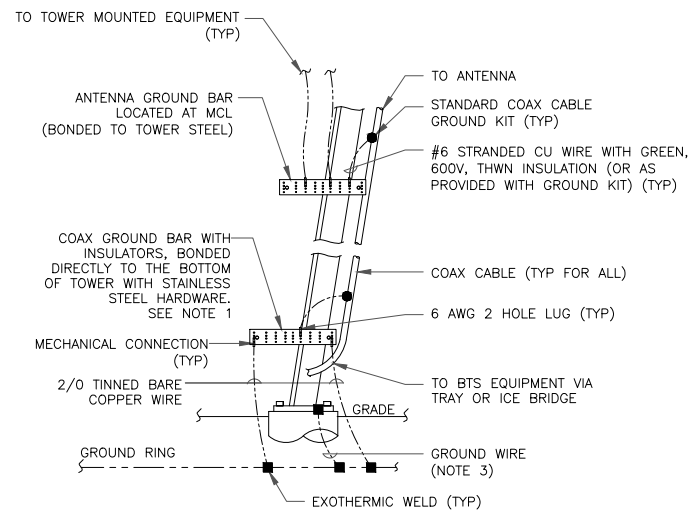
2 TOWER/SHELTER GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

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

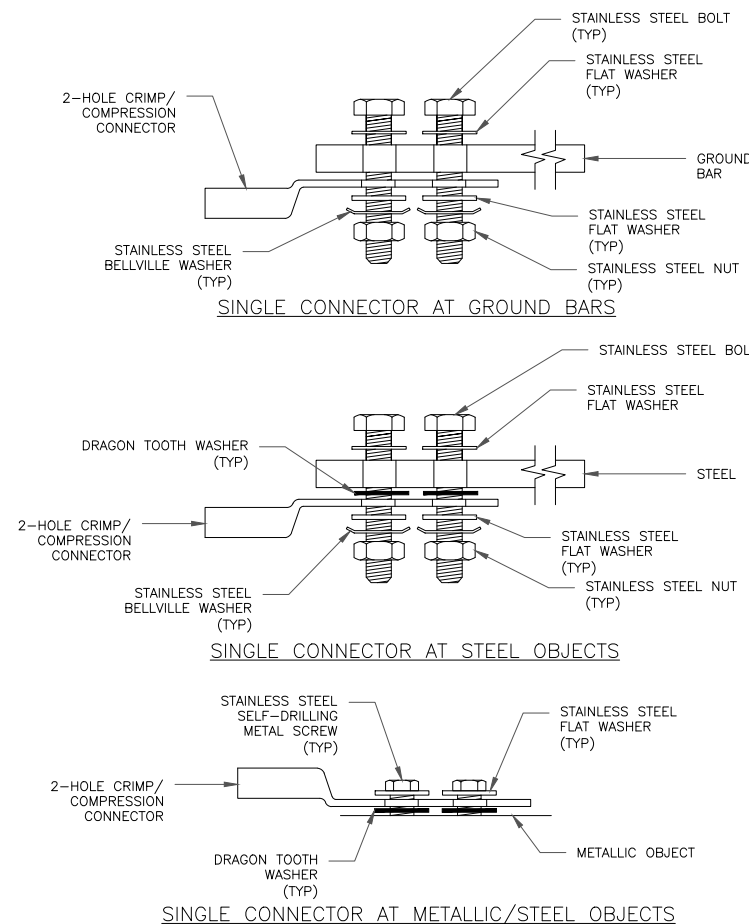
3 INSPECTION WELL DETAIL
SCALE: NOT TO SCALE



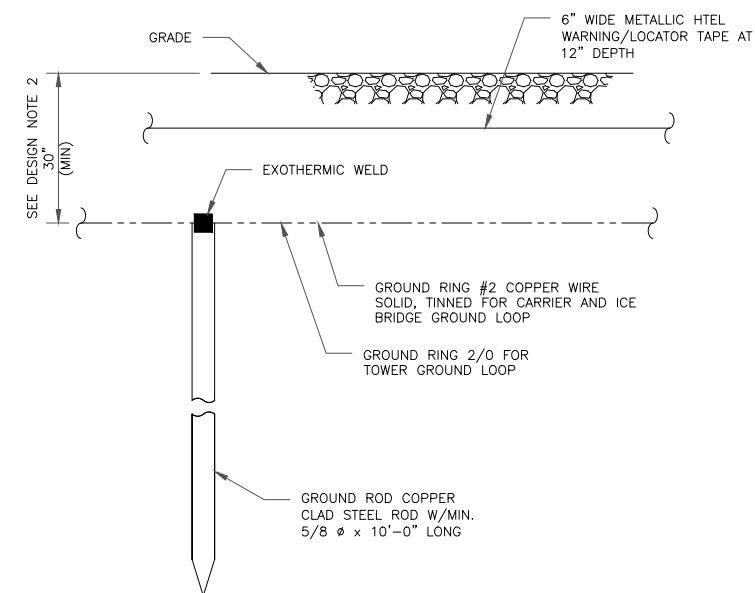
NOTES:

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

4 TYPICAL ANTENNA CABLE GROUNDING
SCALE: NOT TO SCALE



5 HARDWARE DETAIL FOR EXTERIOR CONNECTIONS
SCALE: NOT TO SCALE



NOTES:

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

6 GROUND ROD DETAIL
SCALE: NOT TO SCALE



VERIZON SITE NUMBER:
325146

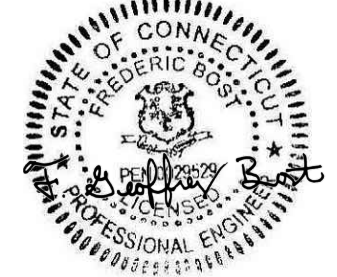
BU #: 806383
HRT 087 943325

56 COSGROVE ROAD
WILLINGTON, CT 06279

EXISTING 140'-0" SELF
SUPPORT TOWER

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	09/30/2021	CP	CONSTRUCTION	DG
1	10/11/2021	CP	CONSTRUCTION	DG

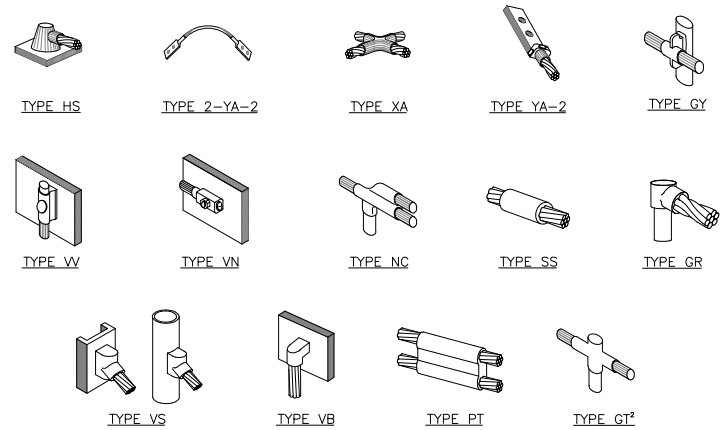


10/11/2021

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

SHEET NUMBER:
G-1

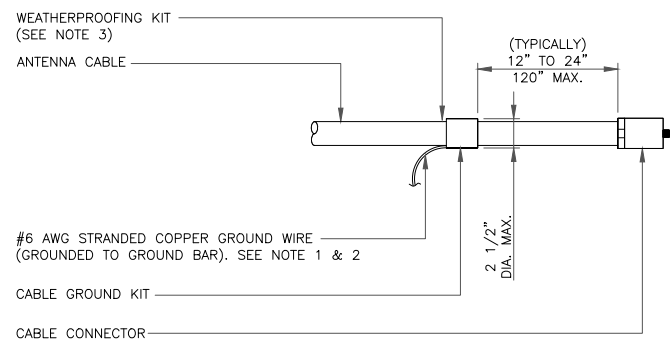
REVISION:
1



NOTE:

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

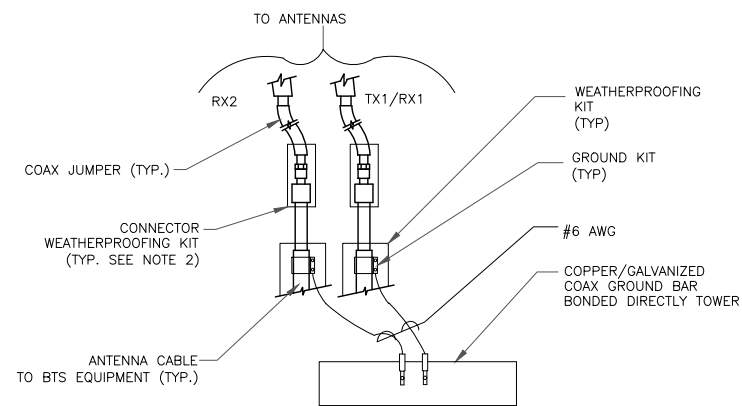
1 CADWELD GROUNDING CONNECTIONS
SCALE: NOT TO SCALE



NOTES:

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

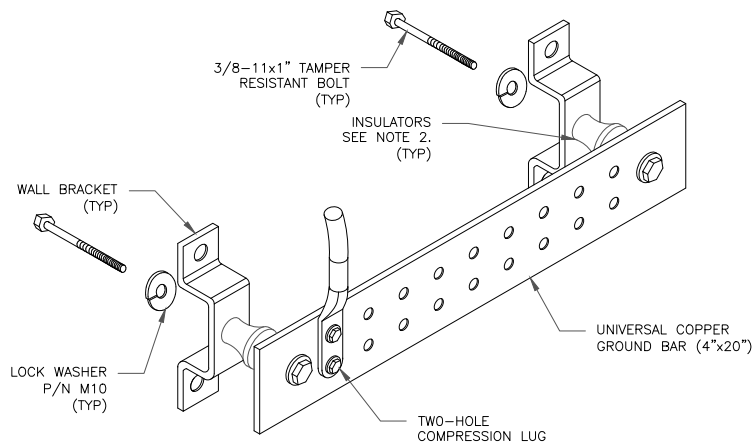
3 CABLE GROUND KIT CONNECTION
SCALE: NOT TO SCALE



NOTES:

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

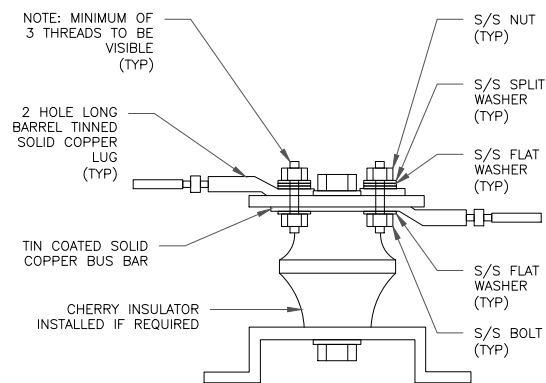
4 GROUND CABLE CONNECTION
SCALE: NOT TO SCALE



NOTES:

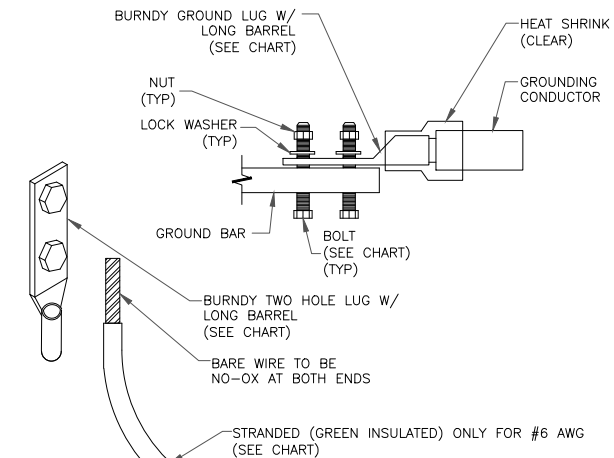
1. DOWN LEAD (HOME RUN) CONDUCTORS ARE NOT TO BE INSTALLED ON CROWN CASTLE USA INC. TOWER, PER THE GROUNDING DOWN CONDUCTOR POLICY GAS-STD-10091. NO MODIFICATION OR DRILLING TO TOWER STEEL IS ALLOWED IN ANY FORM OR FASHION. CAD-WELDING ON THE TOWER AND/OR IN THE AIR ARE NOT PERMITTED.
2. OMIT INSULATOR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

6 GROUND BAR DETAIL
SCALE: NOT TO SCALE



7 LUG DETAIL
SCALE: NOT TO SCALE

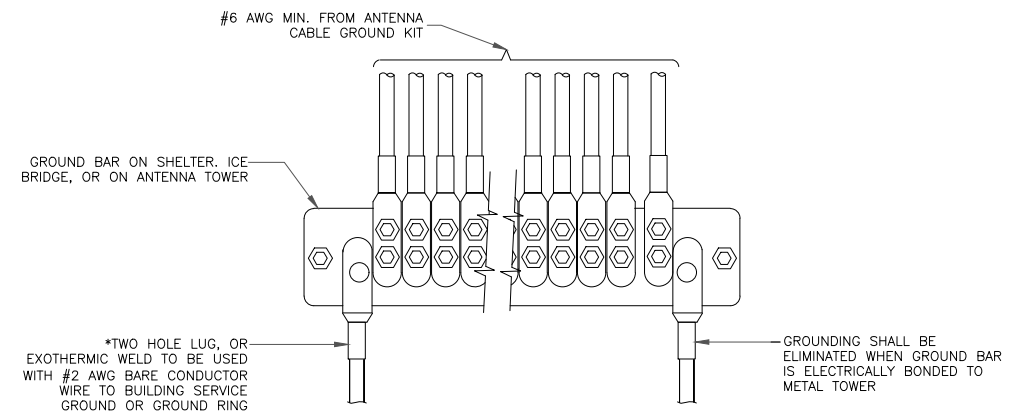
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 AWG GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG SOLID TINNED	YA3C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG STRANDED	YA2C-2TC38	3/8" - 16 NC S 2 BOLT
#2/0 AWG STRANDED	YA26-2TC38	3/8" - 16 NC S 2 BOLT
#4/0 AWG STRANDED	YA28-2N	1/2" - 16 NC S 2 BOLT



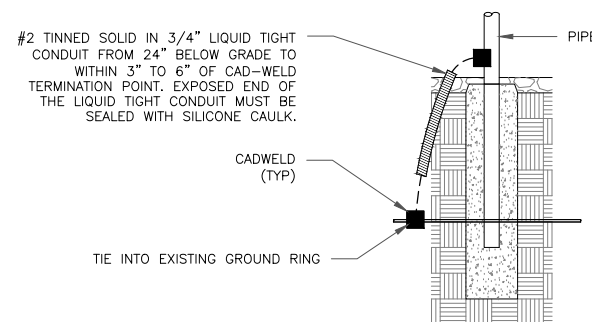
NOTES:

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

2 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE



5 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



8 TRANSITIONING GROUND DETAIL
SCALE: NOT TO SCALE

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

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

ETS
ENGINEERED TOWER SOLUTIONS, PLLC
3227 WELINGTON COURT
RALEIGH, NC 27615

VERIZON SITE NUMBER:
325146

BU #: **806383**
HRT **087 943325**

56 COSGROVE ROAD
WILLINGTON, CT 06279

EXISTING 140'-0" SELF
SUPPORT TOWER

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	09/30/2021	CP	CONSTRUCTION	DG
1	10/11/2021	CP	CONSTRUCTION	DG

STATE OF CONNECTICUT
FREDERIC BOSS
PEN 0029529
LICENSED PROFESSIONAL ENGINEER
10/11/2021
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SHEET NUMBER: **G-2** REVISION: **1**

Exhibit D

Structural Analysis Report



Date: **September 14, 2021**

B+T Group
1717 S. Boulder, Suite 300
Tulsa, OK 74119
(918) 587-4630

Subject: **Structural Analysis Report**

Carrier Designation: **Verizon Wireless Co-Locate**
Site Number: 468905
Site Name: WILLINGTON CT

Crown Castle Designation: **BU Number:** 806383
Site Name: HRT 087 943325
JDE Job Number: 686047
Work Order Number: 2018837
Order Number: 586108 Rev. 1

Engineering Firm Designation: **B+T Group Project Number:** 155990.001.01

Site Data: **Cosgrove Roadwhifford Hill, West Willington, Tolland County, CT**
Latitude 41° 53' 32.92", Longitude -72° 15' 38.15"
140 Foot - Self Support Tower

B+T Group is pleased to submit this “**Structural Analysis Report**” to determine the structural integrity of the above-mentioned tower.

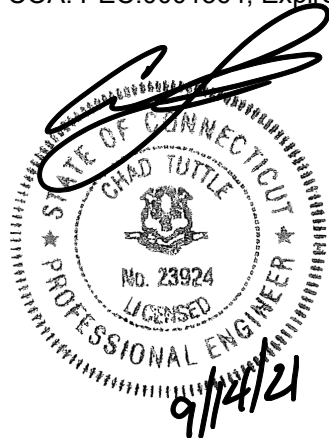
The purpose of the analysis is to determine acceptability of the tower stress level. Based on our analysis we have determined the tower stress level for the structure and foundation, under the following load case, to be:

LC7: Proposed Equipment Configuration **Sufficient Capacity – 67.4%**

This analysis utilizes an ultimate 3-second gust wind speed of 118 mph as required by the 2015 International Building Code. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Structural analysis prepared by: Austin Steward

Respectfully submitted by: B+T Engineering, Inc.
COA: PEC.0001564; Expires: 02/10/2022



Chad E. Tuttle, P.E.

TABLE OF CONTENTS

1) INTRODUCTION

2) ANALYSIS CRITERIA

Table 1 - Proposed Equipment Configuration

Table 2 - Other Considered Equipment

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

3.1) Analysis Method

3.2) Assumptions

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Table 5 – Tower Component Stresses vs. Capacity

4.1) Recommendations

5) APPENDIX A

tnxTower Output

6) APPENDIX B

Base Level Drawing

7) APPENDIX C

Additional Calculations

1) INTRODUCTION

This tower is a 140 ft. Self Support tower designed by ROHN.

The tower has been modified per reinforcement drawings prepared by FDH Velocitel in May of 2015. Reinforcement consists of foundation repairs.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	118 mph
Exposure Category:	B
Topographic Factor:	1
Ice Thickness:	1.5 in
Wind Speed with Ice:	50 mph
Service Wind Speed:	60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
137.0	139.0	3	Andrew	LNx-8513DS-A1M	14 1	1-5/8 3/8
		6	Commscope	NHH-65B-R2B		
		2	Rfs Celwave	DB-T1-6Z-8AB-0Z		
		3	Samsung Telecomm.	MT6407-77A		
		3	Samsung Telecomm.	RF4439D-25A		
		3	Samsung Telecomm.	RF4440D-13A		
	137.0	3	--	BSAMNT-SBS-1-2		
		1	--	Sector Mount [SM 510-3]		
		3	Commscope	BSAMNT-SBS-1-2 Bracket		
60.0	60.0	1	Gps	GPS_A	1	1/2
		1	--	Side Arm Mount [SO 305-1]		

Table 2 - Other Considered Equipment

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
124.0	125.0	3	Alcatel Lucent	PCS 1900MHZ 4X45W-65MHZ	3 1	1-1/4 7/8
		6	Alcatel Lucent	RRH2X50-800		
		3	Commscope	NNVV-65B-R4		
		3	Nokia	FZHN		
		3	Rfs Celwave	APXVTM14-ALU-I20		
	1	--	Sector Mount [SM 502-3]			
114.0	114.0	3	Fujitsu	TA08025-B604	1	1-1/2
		3	Fujitsu	TA08025-B605		
		3	JMA Wireless	MX08FRO665-21		
		1	Raycap	RDIDC-9181-PF-48		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
		1	--	Commscope MTC3975083 (3)		
101.0	102.0	3	Ems Wireless	RR90-17-00DP	15 1	1-1/4 1/4
		3	Ericsson	KRY 112 144/1		
		3	Ericsson	KRY 112 489/2		
		3	Ericsson	RADIO 4415 B66A		
		3	Ericsson	RADIO 4449 B12/B71		
	3	Rfs Celwave	APXVAARR24_43-U-NA20			
	101.0	1	--	Side Arm Mount [SO 306-3]		
50.0	50.0	1	Gps	GPS_A	1	1/2
		1	Gps	GPS_RESERVED		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
Tower Manufacturer Drawing	1069394	CCI Sites
Tower Modification Drawing	5670805	CCI Sites
Post Modification Inspection	5786395	CCI Sites
Foundation Drawing	1069383	CCI Sites
Geotech Report	1069386	CCI Sites
Crown CAD Package	Date: 09/06/2021	CCI Sites

3.1) Analysis Method

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

3.2) Assumptions

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

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

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
T1	140 - 120	Leg	ROHN 2 STD	3	-15.802	38.684	40.8	Pass
T2	120 - 100	Leg	ROHN 2.5 EH	39	-39.358	78.149	50.4	Pass
T3	100 - 80	Leg	ROHN 3 EH	69	-61.899	99.059	62.5	Pass
T4	80 - 60	Leg	ROHN 3.5 EH	90	-83.729	132.012	63.4	Pass
T5	60 - 40	Leg	ROHN 4 X-STR	111	-104.369	167.898	62.2	Pass
T6	40 - 20	Leg	ROHN 5 EH	132	-122.789	211.314	58.1	Pass
T7	20 - 0	Leg	ROHN 5 X-STR	147	-142.340	211.314	67.4	Pass
T1	140 - 120	Diagonal	L1 3/4x1 3/4x3/16	12	-2.716	11.646	23.3	Pass
T2	120 - 100	Diagonal	L1 3/4x1 3/4x3/16	47	-2.988	6.716	44.5	Pass
T3	100 - 80	Diagonal	L2x2x3/16	74	-3.813	6.312	60.4	Pass
T4	80 - 60	Diagonal	L2 1/2x2 1/2x3/16	95	-4.044	9.655	41.9	Pass
T5	60 - 40	Diagonal	L3x3x3/16	116	-4.317	13.193	32.7	Pass
T6	40 - 20	Diagonal	L3x3x3/16	137	-5.301	9.055	58.5	Pass
T7	20 - 0	Diagonal	L3x3x1/4	152	-5.784	9.907	58.4	Pass
T1	140 - 120	Top Girt	L2x2x1/8	4	-0.316	4.273	7.4	Pass
T2	120 - 100	Top Girt	L2x2x1/8	41	-0.683	4.273	16.0	Pass
							Summary	
							Leg (T7)	67.4 Pass
							Diagonal (T3)	60.4 Pass
							Top Girt (T2)	16.0 Pass
							Bolt Checks	65.7 Pass
							Rating =	67.4 Pass

Table 5 - Tower Component Stresses vs. Capacity

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1,2	Anchor Rods	Base	52.4	Pass
1,2	Base Foundation (Structure)	Base	24.7	Pass
1,2	Base Foundation (Soil Interaction)	Base	48.8	Pass

Structure Rating (max from all components) =	67.4%
---	--------------

Notes:

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

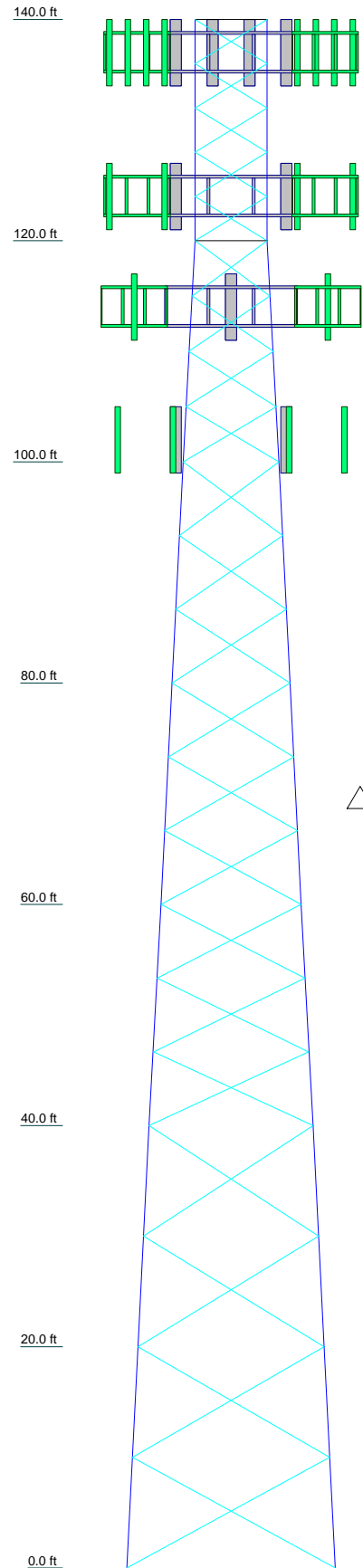
4.1) Recommendations

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

APPENDIX A

TNXTOWER OUTPUT

Section	T1	T2	T3	T4	T5	T6	T7	11.3
Legs	ROHN 2.5 EH	ROHN 2.5 EH	ROHN 3 EH	ROHN 3.5 EH	ROHN 4 X-STR	ROHN 5 EH	ROHN 5 X-STR	18.7708
Leg Grade				A572-50				16.7708
Diagonals				L2 1/2x2 1/2x3/16	L3x3x3/16		L3x3x1/4	4 @ 10
Diagonal Grade					A36		A572-50	2.6
Top Girts					N.A.			2.2
Face Width (ft)	6.52083	6.5625	8.60417	10.6354	12.6771	14.7708	16.7708	18.7708
# Panels @ (ft)	5 @ 4	4 @ 5	1.2	9 @ 6.66667	2.0	2.2	2.6	2.6
Weight (K)	0.8	1.0	1.2	1.6	2.0	2.2	2.6	2.6



MATERIAL STRENGTH

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

TOWER DESIGN NOTES

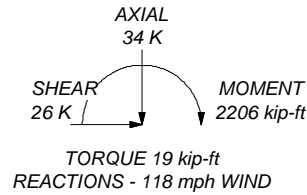
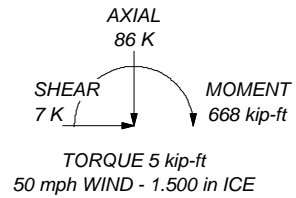
1. Tower designed for Exposure B to the TIA-222-H Standard.
2. Tower designed for a 118 mph basic wind in accordance with the TIA-222-H Standard.
3. Tower is also designed for a 50 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
4. Deflections are based upon a 60 mph wind.
5. Tower Risk Category II.
6. Topographic Category 1 with Crest Height of 0'
7. TIA-222-H Annex S
8. TOWER RATING: 67.4%


ALL REACTIONS
ARE FACTORED

MAX. CORNER REACTIONS AT BASE:

DOWN: 147 K
SHEAR: 16 K

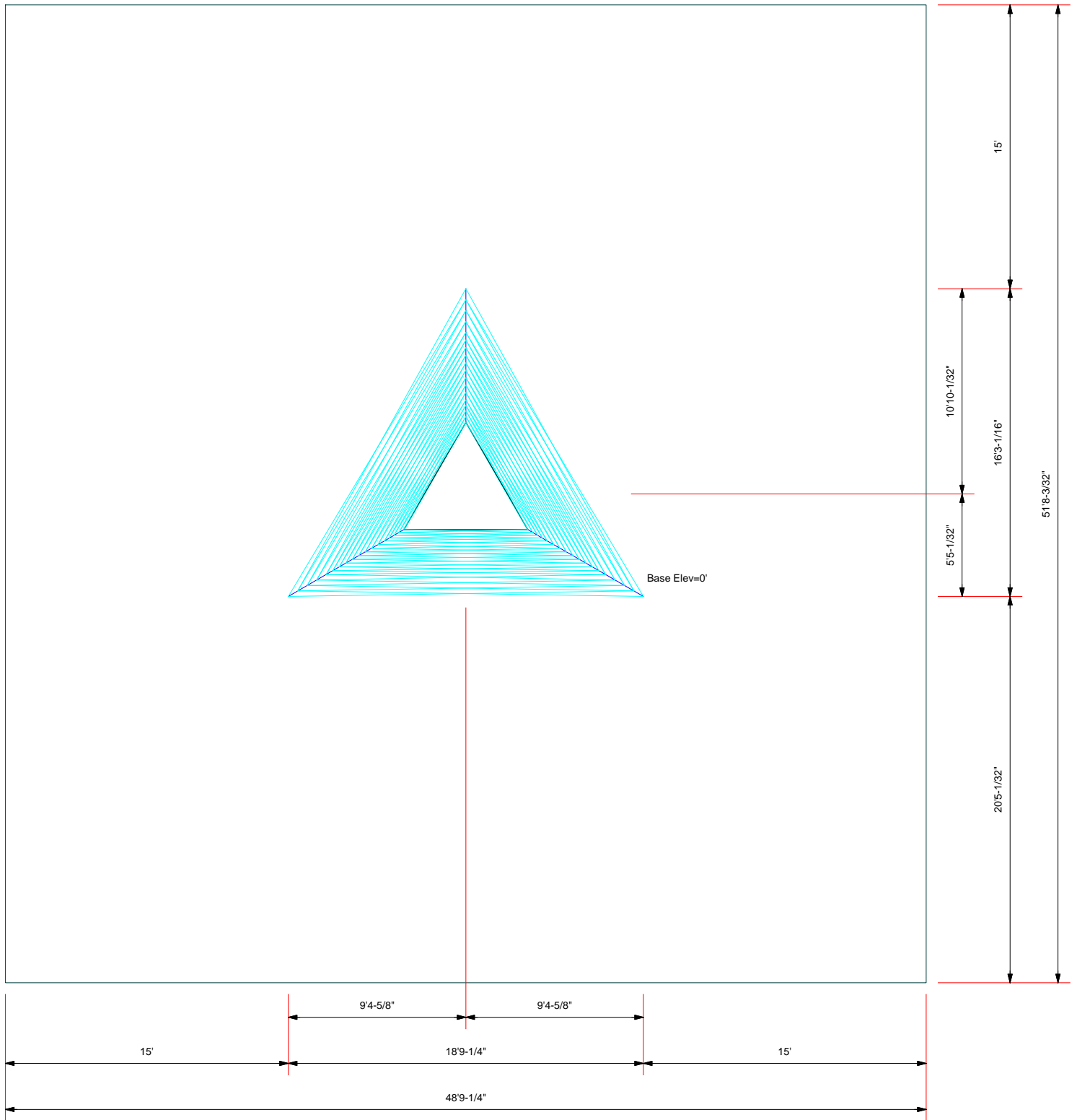
UPLIFT: -120 K
SHEAR: 14 K



B+T Group
 1717 S. Boulder, Suite 300
 Tulsa, OK 74119
 Phone: (918) 587-4630
 FAX: (918) 295-0265

Job: 155990.001.01 - HRT 087 843325, CT (BU# 80638)			
Project:			
Client: Crown Castle	Drawn by: Sahana	App'd:	
Code: TIA-222-H	Date: 09/08/21	Scale: NTS	
Path:	Dwg No. E-1		

Plot Plan
Total Area - 0.06 Acres



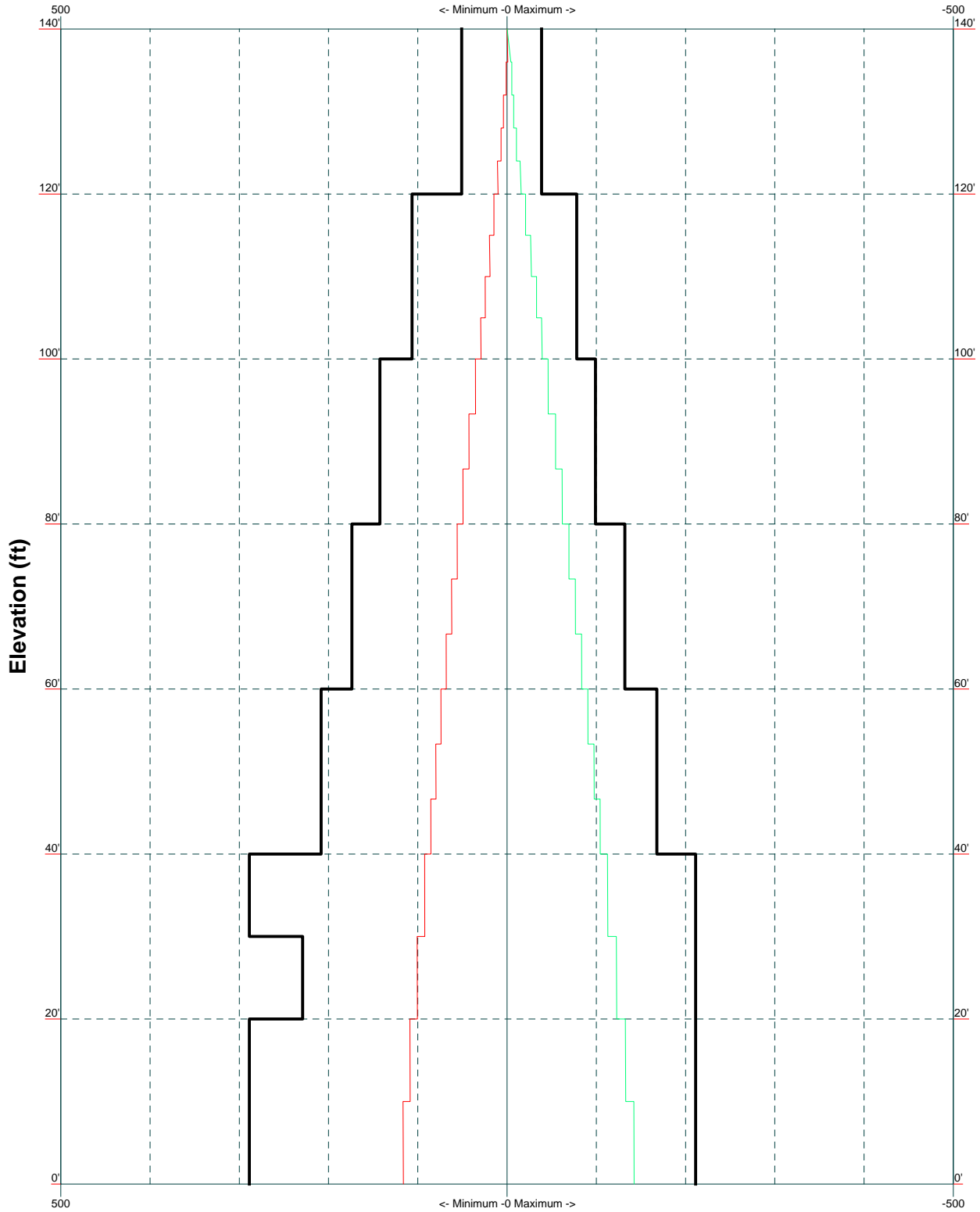
B+T Group
 1717 S. Boulder, Suite 300
 Tulsa, OK 74119
 Phone: (918) 587-4630
 FAX: (918) 295-0265


Job: 155990.001.01 - HRT 087 843325, CT (BU# 80638)		
Project:		
Client: Crown Castle	Drawn by: Sahana	App'd:
Code: TIA-222-H	Date: 09/08/21	Scale: NTS
Path:		Dwg No. E-2

TIA-222-H - 118 mph/50 mph 1.500 in Ice Exposure B

Leg Capacity ———

Leg Compression (K)




B+T Group
 1717 S. Boulder, Suite 300
 Tulsa, OK 74119
 Phone: (918) 587-4630
 FAX: (918) 295-0265

Job: 155990.001.01 - HRT 087 843325, CT (BU# 80638)		
Project:		
Client: Crown Castle	Drawn by: Sahana	App'd:
Code: TIA-222-H	Date: 09/08/21	Scale: NTS
Path:		Dwg No. E-3

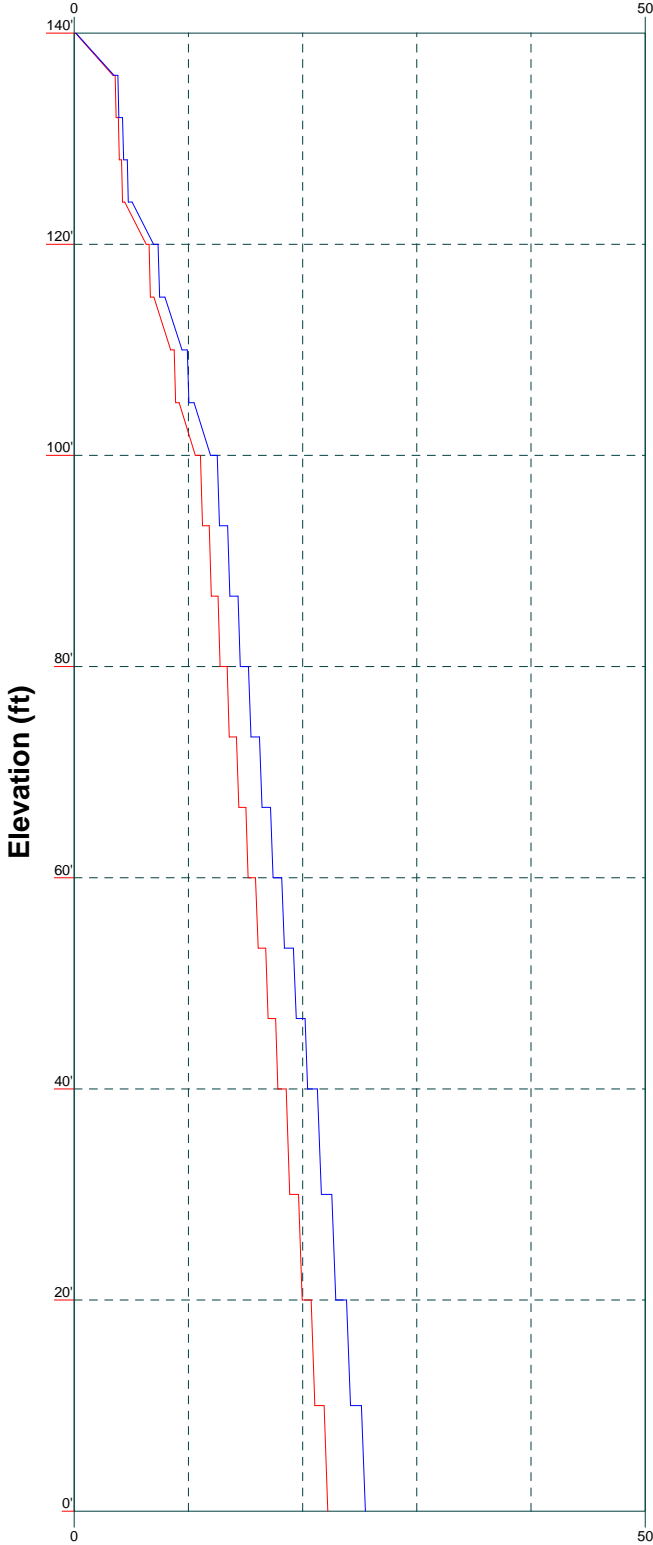
Vx

Vz

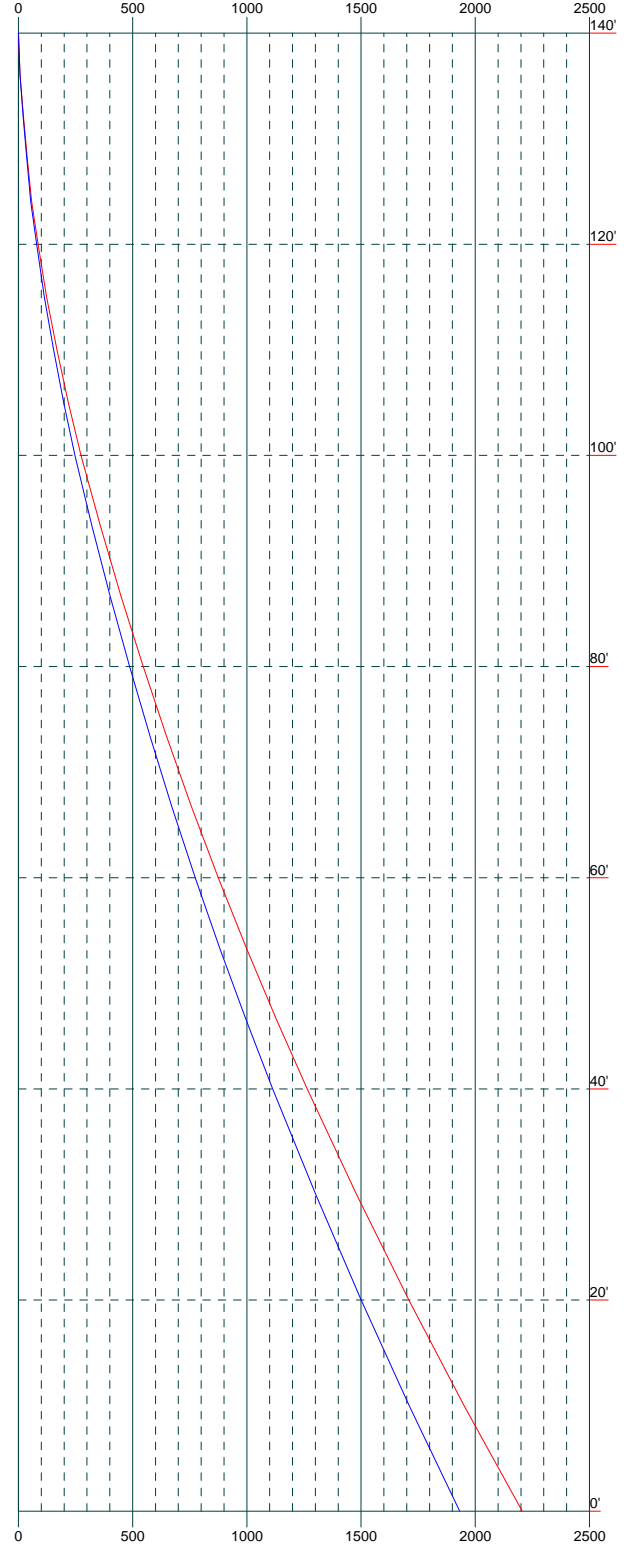
Mx

Mz

Global Mast Shear (K)

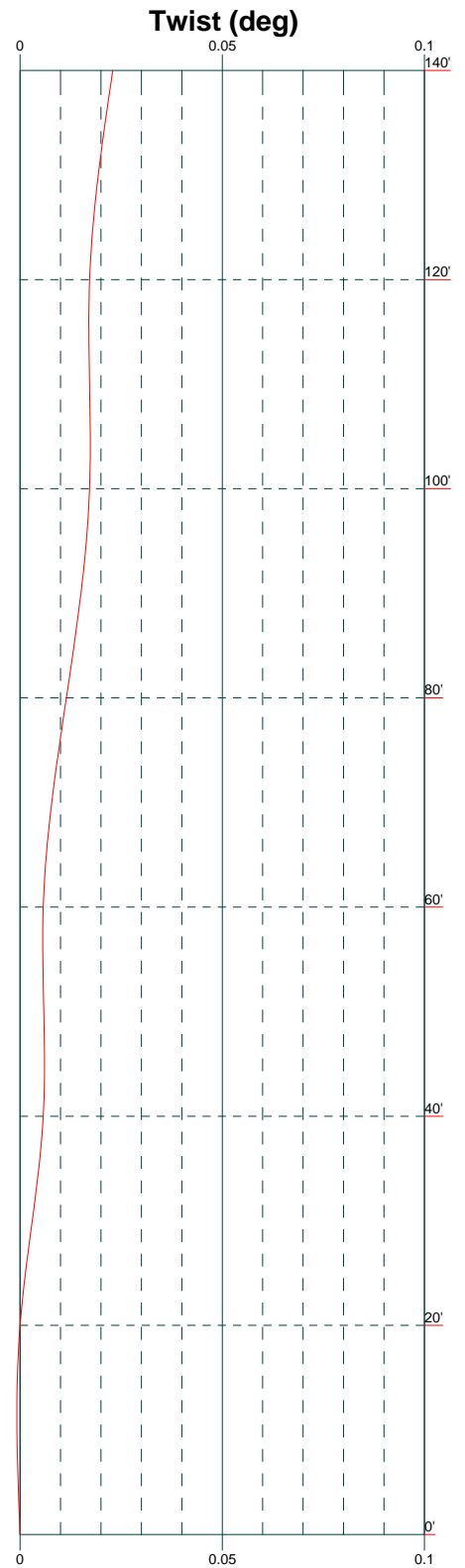
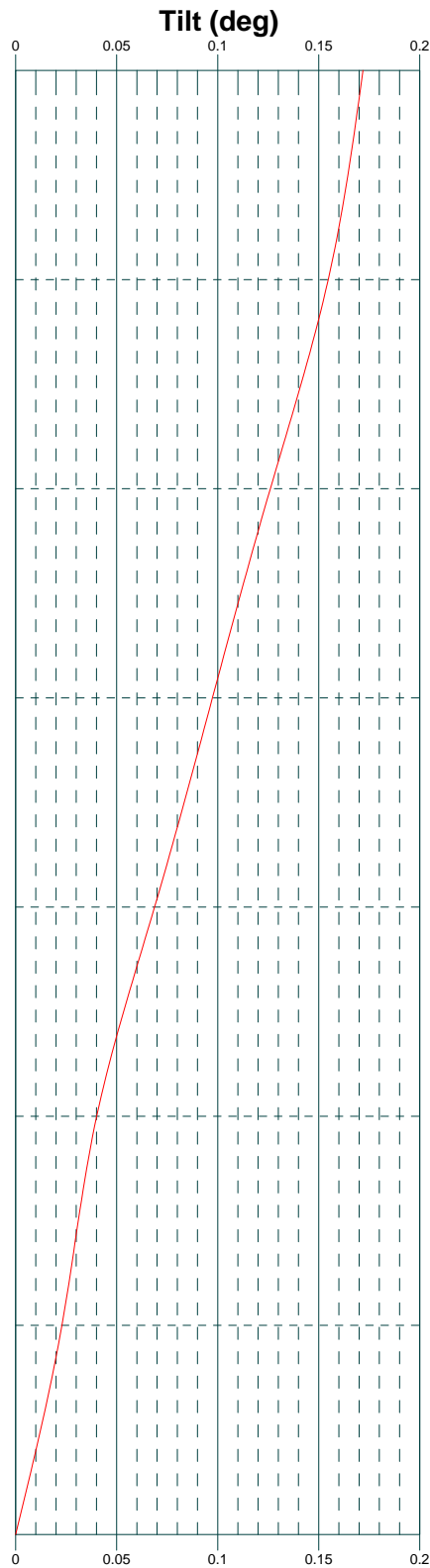
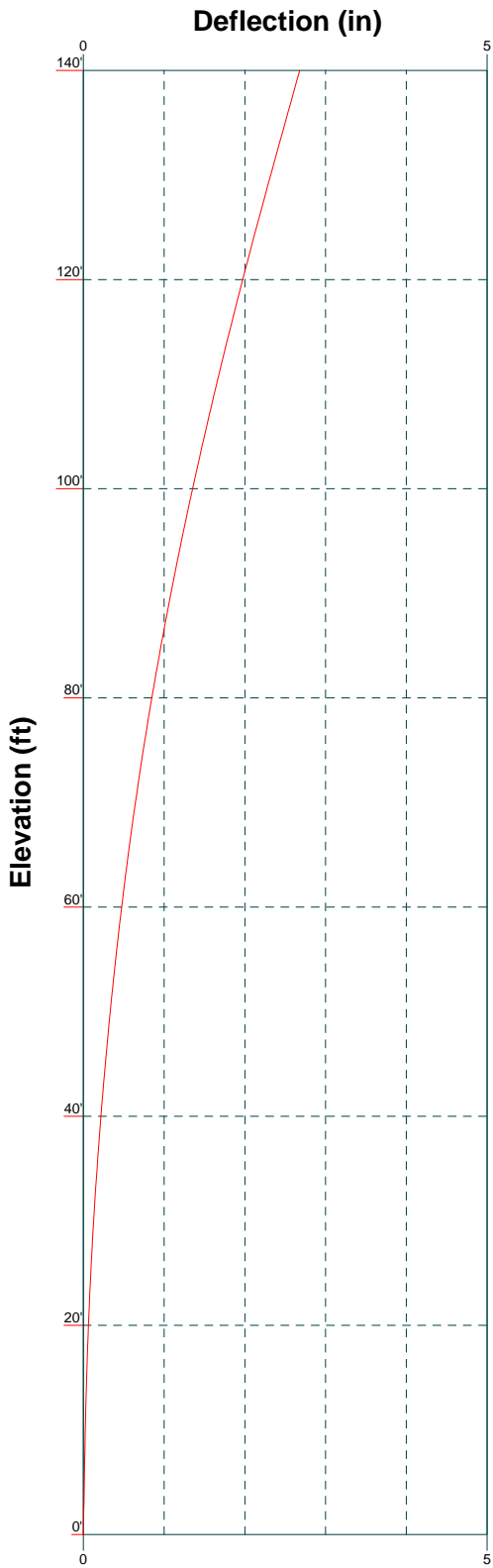


Global Mast Moment (kip-ft)



B+T Group
 1717 S. Boulder, Suite 300
 Tulsa, OK 74119
 Phone: (918) 587-4630
 FAX: (918) 295-0265

Job: 155990.001.01 - HRT 087 843325, CT (BU# 80638)		
Project:		
Client: Crown Castle	Drawn by: Sahana	App'd:
Code: TIA-222-H	Date: 09/08/21	Scale: NTS
Path:	Dwg No. E-4	

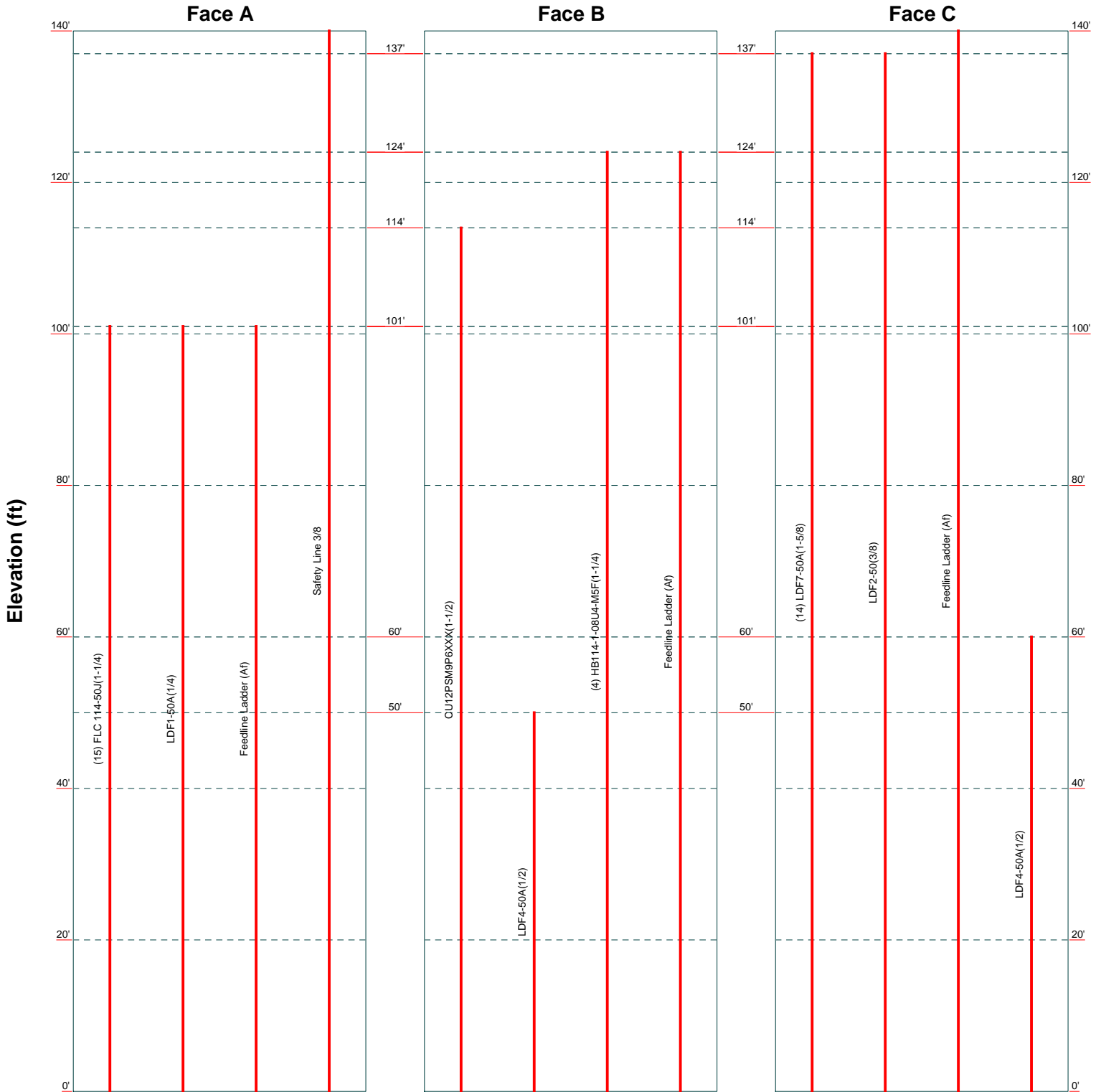


B+T Group
 1717 S. Boulder, Suite 300
 Tulsa, OK 74119
 Phone: (918) 587-4630
 FAX: (918) 295-0265

Job: 155990.001.01 - HRT 087 843325, CT (BU# 80638)		
Project:		
Client: Crown Castle	Drawn by: Sahana	App'd:
Code: TIA-222-H	Date: 09/08/21	Scale: NTS
Path:	Dwg No. E-5	

Feed Line Distribution Chart 0' - 140'

— Round
 — Flat
 — App In Face
 — App Out Face
 — Truss Leg



B+T Group
 1717 S. Boulder, Suite 300
 Tulsa, OK 74119
 Phone: (918) 587-4630
 FAX: (918) 295-0265

Job: 155990.001.01 - HRT 087 843325, CT (BU# 80638)		
Project:		
Client: Crown Castle	Drawn by: Sahana	App'd:
Code: TIA-222-H	Date: 09/08/21	Scale: NTS
Path:	Dwg No. E-7	

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job 155990.001.01 - HRT 087 843325, CT (BU# 806383)	Page 1 of 25
	Project	Date 20:47:48 09/08/21
	Client Crown Castle	Designed by Sahana

Tower Input Data

The main tower is a 3x free standing tower with an overall height of 140' above the ground line.

The base of the tower is set at an elevation of 0' above the ground line.

The face width of the tower is 6'6-1/4" at the top and 18'9-1/4" at the base.

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

The following design criteria apply:

Tower base elevation above sea level: 933'.

Basic wind speed of 118 mph.

Risk Category II.

Exposure Category B.

Simplified Topographic Factor Procedure for wind speed-up calculations is used.

Topographic Category: 1.

Crest Height: 0'.

Nominal ice thickness of 1.500 in.

Ice thickness is considered to increase with height.

Ice density of 56.000 pcf.

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

Temperature drop of 50.000 °F.

Deflections calculated using a wind speed of 60 mph.

TIA-222-H Annex S.

Pressures are calculated at each section.

Stress ratio used in tower member design is 1.

Tower analysis based on target reliabilities in accordance with Annex S.

Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.

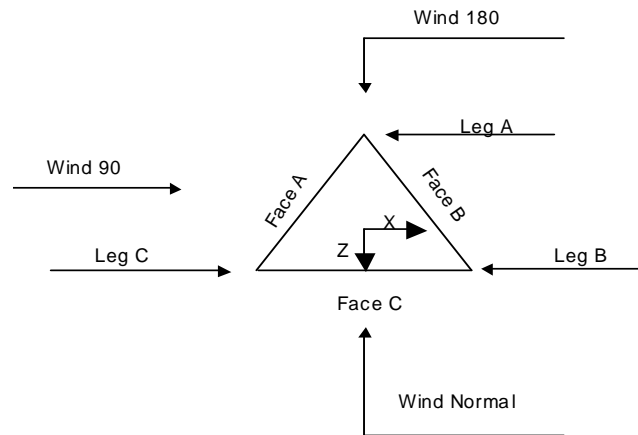
Maximum demand-capacity ratio is: 1.05.

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

Options

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

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job 155990.001.01 - HRT 087 843325, CT (BU# 806383)	Page 2 of 25
	Project	Date 20:47:48 09/08/21
	Client Crown Castle	Designed by Sahana



Triangular Tower

Tower Section Geometry

Tower Section	Tower Elevation	Assembly Database	Description	Section Width	Number of Sections	Section Length
	<i>ft</i>			<i>ft</i>		<i>ft</i>
T1	140'-120'			6'-1/4"	1	20'
T2	120'-100'			6'-3/4"	1	20'
T3	100'-80'			8'-1/4"	1	20'
T4	80'-60'			10'-5/8"	1	20'
T5	60'-40'			12'-1/8"	1	20'
T6	40'-20'			14'-1/4"	1	20'
T7	20'-0'			16'-1/4"	1	20'

Tower Section Geometry (cont'd)

Tower Section	Tower Elevation	Diagonal Spacing	Bracing Type	Has K Brace End Panels	Has Horizontals	Top Girt Offset	Bottom Girt Offset
	<i>ft</i>	<i>ft</i>				<i>in</i>	<i>in</i>
T1	140'-120'	4'	X Brace	No	No	0.000	0.000
T2	120'-100'	5'	X Brace	No	No	0.000	0.000
T3	100'-80'	6'8"	X Brace	No	No	0.000	0.000
T4	80'-60'	6'8"	X Brace	No	No	0.000	0.000
T5	60'-40'	6'8"	X Brace	No	No	0.000	0.000
T6	40'-20'	10'	X Brace	No	No	0.000	0.000
T7	20'-0'	10'	X Brace	No	No	0.000	0.000

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job 155990.001.01 - HRT 087 843325, CT (BU# 806383)	Page 3 of 25
	Project	Date 20:47:48 09/08/21
	Client Crown Castle	Designed by Sahana

Tower Section Geometry (cont'd)

Tower Elevation ft	Leg Type	Leg Size	Leg Grade	Diagonal Type	Diagonal Size	Diagonal Grade
T1 140'-120'	Pipe	ROHN 2 STD	A572-50 (50 ksi)	Single Angle	L1 3/4x1 3/4x3/16	A36 (36 ksi)
T2 120'-100'	Pipe	ROHN 2.5 EH	A572-50 (50 ksi)	Single Angle	L1 3/4x1 3/4x3/16	A36 (36 ksi)
T3 100'-80'	Pipe	ROHN 3 EH	A572-50 (50 ksi)	Single Angle	L2x2x3/16	A36 (36 ksi)
T4 80'-60'	Pipe	ROHN 3.5 EH	A572-50 (50 ksi)	Single Angle	L2 1/2x2 1/2x3/16	A36 (36 ksi)
T5 60'-40'	Pipe	ROHN 4 X-STR	A572-50 (50 ksi)	Single Angle	L3x3x3/16	A36 (36 ksi)
T6 40'-20'	Pipe	ROHN 5 EH	A572-50 (50 ksi)	Single Angle	L3x3x3/16	A36 (36 ksi)
T7 20'-0'	Pipe	ROHN 5 X-STR	A572-50 (50 ksi)	Single Angle	L3x3x1/4	A572-50 (50 ksi)

Tower Section Geometry (cont'd)

Tower Elevation ft	Top Girt Type	Top Girt Size	Top Girt Grade	Bottom Girt Type	Bottom Girt Size	Bottom Girt Grade
T1 140'-120'	Equal Angle	L2x2x1/8	A36 (36 ksi)	Single Angle		A36 (36 ksi)
T2 120'-100'	Single Angle	L2x2x1/8	A36 (36 ksi)	Single Angle		A36 (36 ksi)

Tower Section Geometry (cont'd)

Tower Elevation ft	Gusset Area (per face) ft ²	Gusset Thickness in	Gusset Grade	Adjust. Factor A _f	Adjust. Factor A _r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
T1 140'-120'	0.000	0.188	A36 (36 ksi)	1.05	1	1.05	Mid-Pt	Mid-Pt	Mid-Pt
T2 120'-100'	0.000	0.188	A36 (36 ksi)	1.05	1	1.05	Mid-Pt	Mid-Pt	Mid-Pt
T3 100'-80'	0.000	0.188	A36 (36 ksi)	1.05	1	1.05	Mid-Pt	Mid-Pt	Mid-Pt
T4 80'-60'	0.000	0.188	A36 (36 ksi)	1.05	1	1.05	Mid-Pt	Mid-Pt	Mid-Pt
T5 60'-40'	0.000	0.188	A36 (36 ksi)	1.05	1	1.05	Mid-Pt	Mid-Pt	Mid-Pt
T6 40'-20'	0.000	0.250	A36 (36 ksi)	1.05	1	1.05	Mid-Pt	Mid-Pt	Mid-Pt
T7 20'-0'	0.000	0.250	A36 (36 ksi)	1.05	1	1.05	Mid-Pt	Mid-Pt	Mid-Pt

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job 155990.001.01 - HRT 087 843325, CT (BU# 806383)	Page 5 of 25
	Project	Date 20:47:48 09/08/21
	Client Crown Castle	Designed by Sahana

Tower Elevation ft	Redundant Horizontal		Redundant Diagonal		Redundant Sub-Diagonal		Redundant Sub-Horizontal		Redundant Vertical		Redundant Hip		Redundant Hip Diagonal	
	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U
T6 40'-20'	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T7 20'-0'	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75

Tower Section Geometry (cont'd)

Tower Elevation ft	Leg Connection Type	Leg Bolt Size in	Leg No.	Diagonal		Top Girt		Bottom Girt		Mid Girt		Long Horizontal		Short Horizontal	
				Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.
T1 140'-120'	Flange	0.625	4	0.500	1	0.500	1	0.500	0	0.500	0	0.500	0	0.500	0
		A325N		A325N		A325N		A325N		A325N		A325N		A325N	
T2 120'-100'	Flange	0.750	4	0.500	1	0.500	1	0.625	0	0.625	0	0.625	0	0.625	0
		A325N		A325N		A325N		A325N		A325N		A325N		A325N	
T3 100'-80'	Flange	0.875	4	0.500	1	0.500	0	0.000	0	0.500	0	0.500	0	0.500	0
		A325N		A325N		A325N		A325N		A325N		A325N		A325N	
T4 80'-60'	Flange	0.875	4	0.500	1	0.500	0	0.500	0	0.500	0	0.500	0	0.500	0
		A325N		A325N		A325N		A325N		A325N		A325N		A325N	
T5 60'-40'	Flange	1.000	4	0.500	1	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0
		A325N		A325N		A325N		A325N		A325N		A325N		A325N	
T6 40'-20'	Flange	1.000	4	0.625	1	0.625	0	0.000	0	0.625	0	0.625	0	0.625	0
		A325N		A325N		A325N		A325N		A325N		A325N		A325N	
T7 20'-0'	Flange	1.000	0	0.625	1	0.625	0	0.000	0	0.625	0	0.625	0	0.625	0
		A449		A325N		A325N		A325N		A325N		A325N		A325N	

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Face Offset in	Lateral Offset (Frac FW)	#	# Per Row	Clear Spacing in	Width or Diameter in	Perimeter in	Weight klf
Face A													
FLC	A	No	No	Ar (CaAa)	101' - 0'	0.000	0.42	15	8	0.850	1.580		0.001
114-50J(1-1/4)										0.750			
LDF1-50A(1/4)	A	No	No	Ar (CaAa)	101' - 0'	4.500	0.385	1	1	0.345	0.345		0.000
Feedline Ladder (Af)	A	No	No	Af (CaAa)	101' - 0'	0.000	0.43	1	1	3.000	3.000		0.008
* Safety Line 3/8	A	No	No	Ar (CaAa)	140' - 0'	0.000	0.5	1	1	0.375	0.375		0.000
Face B													
CU12PSM9P6 XXX(1-1/2)	B	No	No	Ar (CaAa)	114' - 0'	0.000	-0.49	1	1	1.600	1.600		0.002
* LDF4-50A(1/2)	B	No	No	Ar (CaAa)	50' - 0'	0.000	-0.065	1	1	0.630	0.630		0.000

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job 155990.001.01 - HRT 087 843325, CT (BU# 806383)	Page 6 of 25
	Project	Date 20:47:48 09/08/21
	Client Crown Castle	Designed by Sahana

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Face Offset in	Lateral Offset (Frac FW)	#	# Per Row	Clear Spacing in	Width or Diameter in	Perimeter in	Weight klf
*													
HB114-1-08U 4-M5F(1-1/4) Feedline Ladder (Af)	B	No	No	Ar (CaAa)	124' - 0'	0.000	-0.04	4	4	0.850 0.750	1.540		0.001 0.008
*													
Face C LDF7-50A(1-5/8) LDF2-50(3/8) Feedline Ladder (Af)	C	No	No	Ar (CaAa)	137' - 0'	0.000	0.35	14	8	1.000 0.750	1.980		0.001 0.000 0.008
*													
LDF4-50A(1/2)	C	No	No	Ar (CaAa)	60' - 0'	5.500	0.302	1	1	0.630	0.630		0.000
*													

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	C _A A _A ft ² /ft	Weight klf
*								
*								
*								

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A _R ft ²	A _F ft ²	C _A A _A In Face ft ²	C _A A _A Out Face ft ²	Weight K
T1	140'-120'	A	0.000	0.000	0.750	0.000	0.004
		B	0.000	0.000	4.464	0.000	0.051
		C	0.000	0.000	57.872	0.000	0.365
T2	120'-100'	A	0.000	0.000	3.655	0.000	0.023
		B	0.000	0.000	24.560	0.000	0.287
		C	0.000	0.000	66.320	0.000	0.399
T3	100'-80'	A	0.000	0.000	58.840	0.000	0.384
		B	0.000	0.000	25.520	0.000	0.301
		C	0.000	0.000	66.320	0.000	0.399
T4	80'-60'	A	0.000	0.000	58.840	0.000	0.384
		B	0.000	0.000	25.520	0.000	0.301
		C	0.000	0.000	66.320	0.000	0.399
T5	60'-40'	A	0.000	0.000	58.840	0.000	0.384
		B	0.000	0.000	26.150	0.000	0.303
		C	0.000	0.000	67.580	0.000	0.402
T6	40'-20'	A	0.000	0.000	58.840	0.000	0.384
		B	0.000	0.000	26.780	0.000	0.304
		C	0.000	0.000	67.580	0.000	0.402

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job	Page
	155990.001.01 - HRT 087 843325, CT (BU# 806383)	7 of 25
	Project	Date
		20:47:48 09/08/21
	Client	Designed by
	Crown Castle	Sahana

Tower Section	Tower Elevation ft	Face	A _R ft ²	A _F ft ²	C _{AA} In Face ft ²	C _{AA} Out Face ft ²	Weight K
T7	20'-0'	A	0.000	0.000	58.840	0.000	0.384
		B	0.000	0.000	26.780	0.000	0.304
		C	0.000	0.000	67.580	0.000	0.402

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A _R ft ²	A _F ft ²	C _{AA} In Face ft ²	C _{AA} Out Face ft ²	Weight K
T1	140'-120'	A	1.462	0.000	0.000	6.599	0.000	0.070
		B		0.000	0.000	9.401	0.000	0.153
		C		0.000	0.000	78.673	0.000	1.464
T2	120'-100'	A	1.438	0.000	0.000	10.426	0.000	0.140
		B		0.000	0.000	53.018	0.000	0.865
		C		0.000	0.000	89.415	0.000	1.640
T3	100'-80'	A	1.410	0.000	0.000	84.459	0.000	1.492
		B		0.000	0.000	55.291	0.000	0.896
		C		0.000	0.000	89.009	0.000	1.619
T4	80'-60'	A	1.375	0.000	0.000	83.820	0.000	1.467
		B		0.000	0.000	54.786	0.000	0.879
		C		0.000	0.000	88.512	0.000	1.594
T5	60'-40'	A	1.329	0.000	0.000	82.990	0.000	1.434
		B		0.000	0.000	57.417	0.000	0.890
		C		0.000	0.000	94.443	0.000	1.627
T6	40'-20'	A	1.263	0.000	0.000	81.782	0.000	1.387
		B		0.000	0.000	59.487	0.000	0.886
		C		0.000	0.000	93.239	0.000	1.575
T7	20'-0'	A	1.132	0.000	0.000	79.387	0.000	1.296
		B		0.000	0.000	57.072	0.000	0.814
		C		0.000	0.000	90.852	0.000	1.473

Feed Line Center of Pressure

Section	Elevation ft	CP _X in	CP _Z in	CP _X Ice in	CP _Z Ice in
T1	140'-120'	-10.614	3.807	-8.950	2.738
T2	120'-100'	-10.279	-0.593	-7.880	-1.979
T3	100'-80'	-11.590	-15.984	-9.228	-15.130
T4	80'-60'	-12.274	-16.891	-10.166	-16.682
T5	60'-40'	-12.692	-17.012	-11.121	-16.653
T6	40'-20'	-14.978	-20.197	-12.699	-19.719
T7	20'-0'	-16.206	-21.871	-13.949	-21.436

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K _a No Ice	K _a Ice
---------------	----------------------	-------------	-------------------------	--------------------------	-----------------------

tnxTower

B+T Group
1717 S. Boulder, Suite 300
Tulsa, OK 74119
Phone: (918) 587-4630
FAX: (918) 295-0265

Job
155990.001.01 - HRT 087 843325, CT (BU# 806383)

Page
8 of 25

Project

Date
20:47:48 09/08/21

Client

Crown Castle

Designed by
Sahana

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
T1	6	Safety Line 3/8	120.00 - 140.00	0.6000	0.6000
T1	13	HB114-1-08U4-M5F(1-1/4)	120.00 - 124.00	0.6000	0.6000
T1	15	Feedline Ladder (Af)	120.00 - 124.00	0.6000	0.6000
T1	18	LDF7-50A(1-5/8)	120.00 - 137.00	0.6000	0.6000
T1	19	LDF2-50(3/8)	120.00 - 137.00	0.6000	0.6000
T1	20	Feedline Ladder (Af)	120.00 - 140.00	0.6000	0.6000
T2	2	FLC 114-50J(1-1/4)	100.00 - 101.00	0.6000	0.6000
T2	3	LDF1-50A(1/4)	100.00 - 101.00	0.6000	0.6000
T2	4	Feedline Ladder (Af)	100.00 - 101.00	0.6000	0.6000
T2	6	Safety Line 3/8	100.00 - 120.00	0.6000	0.6000
T2	9	CU12PSM9P6XXX(1-1/2)	100.00 - 114.00	0.6000	0.6000
T2	13	HB114-1-08U4-M5F(1-1/4)	100.00 - 120.00	0.6000	0.6000
T2	15	Feedline Ladder (Af)	100.00 - 120.00	0.6000	0.6000
T2	18	LDF7-50A(1-5/8)	100.00 - 120.00	0.6000	0.6000
T2	19	LDF2-50(3/8)	100.00 - 120.00	0.6000	0.6000
T2	20	Feedline Ladder (Af)	100.00 - 120.00	0.6000	0.6000
T3	2	FLC 114-50J(1-1/4)	80.00 - 100.00	0.6000	0.6000
T3	3	LDF1-50A(1/4)	80.00 - 100.00	0.6000	0.6000
T3	4	Feedline Ladder (Af)	80.00 - 100.00	0.6000	0.6000
T3	6	Safety Line 3/8	80.00 - 100.00	0.6000	0.6000
T3	9	CU12PSM9P6XXX(1-1/2)	80.00 - 100.00	0.6000	0.6000
T3	13	HB114-1-08U4-M5F(1-1/4)	80.00 - 100.00	0.6000	0.6000
T3	15	Feedline Ladder (Af)	80.00 - 100.00	0.6000	0.6000
T3	18	LDF7-50A(1-5/8)	80.00 - 100.00	0.6000	0.6000
T3	19	LDF2-50(3/8)	80.00 - 100.00	0.6000	0.6000
T3	20	Feedline Ladder (Af)	80.00 - 100.00	0.6000	0.6000
T4	2	FLC 114-50J(1-1/4)	60.00 - 80.00	0.6000	0.6000
T4	3	LDF1-50A(1/4)	60.00 - 80.00	0.6000	0.6000
T4	4	Feedline Ladder (Af)	60.00 - 80.00	0.6000	0.6000
T4	6	Safety Line 3/8	60.00 - 80.00	0.6000	0.6000
T4	9	CU12PSM9P6XXX(1-1/2)	60.00 - 80.00	0.6000	0.6000
T4	13	HB114-1-08U4-M5F(1-1/4)	60.00 - 80.00	0.6000	0.6000
T4	15	Feedline Ladder (Af)	60.00 - 80.00	0.6000	0.6000
T4	18	LDF7-50A(1-5/8)	60.00 - 80.00	0.6000	0.6000
T4	19	LDF2-50(3/8)	60.00 - 80.00	0.6000	0.6000
T4	20	Feedline Ladder (Af)	60.00 - 80.00	0.6000	0.6000
T5	2	FLC 114-50J(1-1/4)	40.00 - 60.00	0.6000	0.6000
T5	3	LDF1-50A(1/4)	40.00 - 60.00	0.6000	0.6000
T5	4	Feedline Ladder (Af)	40.00 - 60.00	0.6000	0.6000
T5	6	Safety Line 3/8	40.00 - 60.00	0.6000	0.6000
T5	9	CU12PSM9P6XXX(1-1/2)	40.00 - 60.00	0.6000	0.6000
T5	11	LDF4-50A(1/2)	40.00 - 50.00	0.6000	0.6000
T5	13	HB114-1-08U4-M5F(1-1/4)	40.00 - 60.00	0.6000	0.6000
T5	15	Feedline Ladder (Af)	40.00 - 60.00	0.6000	0.6000
T5	18	LDF7-50A(1-5/8)	40.00 - 60.00	0.6000	0.6000
T5	19	LDF2-50(3/8)	40.00 - 60.00	0.6000	0.6000

<p>tnxTower</p> <p>B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265</p>	<p>Job 155990.001.01 - HRT 087 843325, CT (BU# 806383)</p>	<p>Page 9 of 25</p>
	<p>Project</p>	<p>Date 20:47:48 09/08/21</p>
	<p>Client Crown Castle</p>	<p>Designed by Sahana</p>

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
T5	20	Feedline Ladder (Af)	40.00 - 60.00	0.6000	0.6000
T5	22	LDF4-50A(1/2)	40.00 - 60.00	0.6000	0.6000
T6	2	FLC 114-50J(1-1/4)	20.00 - 40.00	0.6000	0.6000
T6	3	LDF1-50A(1/4)	20.00 - 40.00	0.6000	0.6000
T6	4	Feedline Ladder (Af)	20.00 - 40.00	0.6000	0.6000
T6	6	Safety Line 3/8	20.00 - 40.00	0.6000	0.6000
T6	9	CU12PSM9P6XXX(1-1/2)	20.00 - 40.00	0.6000	0.6000
T6	11	LDF4-50A(1/2)	20.00 - 40.00	0.6000	0.6000
T6	13	HB114-1-08U4-M5F(1-1/4)	20.00 - 40.00	0.6000	0.6000
T6	15	Feedline Ladder (Af)	20.00 - 40.00	0.6000	0.6000
T6	18	LDF7-50A(1-5/8)	20.00 - 40.00	0.6000	0.6000
T6	19	LDF2-50(3/8)	20.00 - 40.00	0.6000	0.6000
T6	20	Feedline Ladder (Af)	20.00 - 40.00	0.6000	0.6000
T6	22	LDF4-50A(1/2)	20.00 - 40.00	0.6000	0.6000
T7	2	FLC 114-50J(1-1/4)	0.00 - 20.00	0.6000	0.6000
T7	3	LDF1-50A(1/4)	0.00 - 20.00	0.6000	0.6000
T7	4	Feedline Ladder (Af)	0.00 - 20.00	0.6000	0.6000
T7	6	Safety Line 3/8	0.00 - 20.00	0.6000	0.6000
T7	9	CU12PSM9P6XXX(1-1/2)	0.00 - 20.00	0.6000	0.6000
T7	11	LDF4-50A(1/2)	0.00 - 20.00	0.6000	0.6000
T7	13	HB114-1-08U4-M5F(1-1/4)	0.00 - 20.00	0.6000	0.6000
T7	15	Feedline Ladder (Af)	0.00 - 20.00	0.6000	0.6000
T7	18	LDF7-50A(1-5/8)	0.00 - 20.00	0.6000	0.6000
T7	19	LDF2-50(3/8)	0.00 - 20.00	0.6000	0.6000
T7	20	Feedline Ladder (Af)	0.00 - 20.00	0.6000	0.6000
T7	22	LDF4-50A(1/2)	0.00 - 20.00	0.6000	0.6000

Discrete Tower Loads

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 K	
LNx-8513DS-A1M w/ Mount Pipe	A	From Leg	4.000	0.000	137'	No Ice	4.090	3.300	0.065
			0'			1/2" Ice	4.490	3.680	0.128
			2'			1" Ice	4.890	4.060	0.202
						2" Ice	5.710	4.870	0.384
LNx-8513DS-A1M w/ Mount Pipe	B	From Leg	4.000	0.000	137'	No Ice	4.090	3.300	0.065
			0'			1/2" Ice	4.490	3.680	0.128
			2'			1" Ice	4.890	4.060	0.202
						2" Ice	5.710	4.870	0.384
LNx-8513DS-A1M w/ Mount Pipe	C	From Leg	4.000	0.000	137'	No Ice	4.090	3.300	0.065
			0'			1/2" Ice	4.490	3.680	0.128
			2'			1" Ice	4.890	4.060	0.202
						2" Ice	5.710	4.870	0.384
DB-T1-6Z-8AB-0Z	A	From Leg	4.000	0.000	137'	No Ice	4.800	2.000	0.044
			0'			1/2" Ice	5.070	2.193	0.080
			2'			1" Ice	5.348	2.393	0.120
						2" Ice	5.926	2.815	0.213
DB-T1-6Z-8AB-0Z	B	From Leg	4.000	0.000	137'	No Ice	4.800	2.000	0.044
			0'			1/2" Ice	5.070	2.193	0.080
			2'			1" Ice	5.348	2.393	0.120
						2" Ice	5.926	2.815	0.213

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job		155990.001.01 - HRT 087 843325, CT (BU# 806383)		Page		10 of 25	
	Project				Date		20:47:48 09/08/21	
	Client		Crown Castle		Designed by		Sahana	

Description	Face or Leg	Offset Type	Offsets:			Azimuth Adjustment	Placement	C _{AA} Front	C _{AA} Side	Weight
			Horz	Lateral	Vert					
			ft	ft	ft					
(2) NHH-65B-R2B w/ Mount Pipe	A	From Leg	4.000	0.000	137'	2" Ice	5.926	2.815	0.213	
						No Ice	4.090	3.290	0.069	
						1/2" Ice	4.480	3.670	0.132	
						1" Ice	4.880	4.060	0.205	
(2) NHH-65B-R2B w/ Mount Pipe	B	From Leg	4.000	0.000	137'	2" Ice	5.700	4.860	0.385	
						No Ice	4.090	3.290	0.069	
						1/2" Ice	4.480	3.670	0.132	
						1" Ice	4.880	4.060	0.205	
(2) NHH-65B-R2B w/ Mount Pipe	C	From Leg	4.000	0.000	137'	2" Ice	5.700	4.860	0.385	
						No Ice	4.090	3.290	0.069	
						1/2" Ice	4.480	3.670	0.132	
						1" Ice	4.880	4.060	0.205	
MT6407-77A w/ Mount Pipe	A	From Leg	4.000	0.000	137'	2" Ice	5.700	4.860	0.385	
						No Ice	4.907	2.682	0.096	
						1/2" Ice	5.256	3.145	0.136	
						1" Ice	5.615	3.624	0.180	
MT6407-77A w/ Mount Pipe	B	From Leg	4.000	0.000	137'	2" Ice	6.362	4.631	0.288	
						No Ice	4.907	2.682	0.096	
						1/2" Ice	5.256	3.145	0.136	
						1" Ice	5.615	3.624	0.180	
MT6407-77A w/ Mount Pipe	C	From Leg	4.000	0.000	137'	2" Ice	6.362	4.631	0.288	
						No Ice	4.907	2.682	0.096	
						1/2" Ice	5.256	3.145	0.136	
						1" Ice	5.615	3.624	0.180	
RF4440D-13A	A	From Leg	4.000	0.000	137'	2" Ice	6.362	4.631	0.288	
						No Ice	1.865	1.129	0.073	
						1/2" Ice	2.035	1.267	0.090	
						1" Ice	2.212	1.411	0.110	
RF4440D-13A	B	From Leg	4.000	0.000	137'	2" Ice	2.589	1.723	0.159	
						No Ice	1.865	1.129	0.073	
						1/2" Ice	2.035	1.267	0.090	
						1" Ice	2.212	1.411	0.110	
RF4440D-13A	C	From Leg	4.000	0.000	137'	2" Ice	2.589	1.723	0.159	
						No Ice	1.865	1.129	0.073	
						1/2" Ice	2.035	1.267	0.090	
						1" Ice	2.212	1.411	0.110	
RF4439D-25A	A	From Leg	4.000	0.000	137'	2" Ice	2.589	1.723	0.159	
						No Ice	1.865	1.252	0.075	
						1/2" Ice	2.035	1.394	0.093	
						1" Ice	2.212	1.544	0.114	
RF4439D-25A	B	From Leg	4.000	0.000	137'	2" Ice	2.589	1.866	0.165	
						No Ice	1.865	1.252	0.075	
						1/2" Ice	2.035	1.394	0.093	
						1" Ice	2.212	1.544	0.114	
RF4439D-25A	C	From Leg	4.000	0.000	137'	2" Ice	2.589	1.866	0.165	
						No Ice	1.865	1.252	0.075	
						1/2" Ice	2.035	1.394	0.093	
						1" Ice	2.212	1.544	0.114	
Side Arm Mount [SO 102-3]	C	None		0.000	137'	2" Ice	2.589	1.866	0.165	
						No Ice	3.600	3.600	0.075	
						1/2" Ice	4.180	4.180	0.105	
						1" Ice	4.750	4.750	0.135	
Sector Mount [SM 510-3]	C	None		0.000	137'	2" Ice	5.900	5.900	0.195	
						No Ice	39.970	39.970	2.396	
						1/2" Ice	56.450	56.450	3.077	
						1" Ice	72.590	72.590	3.960	
						2" Ice	104.060	104.060	6.296	

<p>tnxTower</p> <p>B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265</p>	Job	Page	
		155990.001.01 - HRT 087 843325, CT (BU# 806383)	11 of 25
	Project		Date
			20:47:48 09/08/21
	Client	Designed by	
	Crown Castle	Sahana	

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	K
Mount Reinforcement Specifications	C	None			0.000	137'	No Ice 28.630 1/2" Ice 37.310 1" Ice 45.800 2" Ice 62.380	28.630 37.310 45.800 62.380	0.280 0.670 0.940 1.630
* NNVV-65B-R4 w/ Mount Pipe	A	From Leg	4.000 0' 1'		0.000	124'	No Ice 7.550 1/2" Ice 8.040 1" Ice 8.530 2" Ice 9.560	4.230 4.670 5.120 6.050	0.110 0.197 0.296 0.529
NNVV-65B-R4 w/ Mount Pipe	B	From Leg	4.000 0' 1'		0.000	124'	No Ice 7.550 1/2" Ice 8.040 1" Ice 8.530 2" Ice 9.560	4.230 4.670 5.120 6.050	0.110 0.197 0.296 0.529
NNVV-65B-R4 w/ Mount Pipe	C	From Leg	4.000 0' 1'		0.000	124'	No Ice 7.550 1/2" Ice 8.040 1" Ice 8.530 2" Ice 9.560	4.230 4.670 5.120 6.050	0.110 0.197 0.296 0.529
APXVTM14-ALU-I20 w/ Mount Pipe	A	From Leg	4.000 0' 1'		0.000	124'	No Ice 4.090 1/2" Ice 4.480 1" Ice 4.880 2" Ice 5.710	2.860 3.230 3.610 4.400	0.077 0.127 0.185 0.331
APXVTM14-ALU-I20 w/ Mount Pipe	B	From Leg	4.000 0' 1'		0.000	124'	No Ice 4.090 1/2" Ice 4.480 1" Ice 4.880 2" Ice 5.710	2.860 3.230 3.610 4.400	0.077 0.127 0.185 0.331
APXVTM14-ALU-I20 w/ Mount Pipe	C	From Leg	4.000 0' 1'		0.000	124'	No Ice 4.090 1/2" Ice 4.480 1" Ice 4.880 2" Ice 5.710	2.860 3.230 3.610 4.400	0.077 0.127 0.185 0.331
(2) RRH2X50-800	A	From Leg	4.000 0' 1'		0.000	124'	No Ice 1.701 1/2" Ice 1.864 1" Ice 2.035 2" Ice 2.398	1.282 1.428 1.580 1.908	0.053 0.070 0.090 0.138
(2) RRH2X50-800	B	From Leg	4.000 0' 1'		0.000	124'	No Ice 1.701 1/2" Ice 1.864 1" Ice 2.035 2" Ice 2.398	1.282 1.428 1.580 1.908	0.053 0.070 0.090 0.138
(2) RRH2X50-800	C	From Leg	4.000 0' 1'		0.000	124'	No Ice 1.701 1/2" Ice 1.864 1" Ice 2.035 2" Ice 2.398	1.282 1.428 1.580 1.908	0.053 0.070 0.090 0.138
PCS 1900MHZ 4X45W-65MHZ	A	From Leg	4.000 0' 1'		0.000	124'	No Ice 2.313 1/2" Ice 2.517 1" Ice 2.728 2" Ice 3.174	2.229 2.431 2.641 3.082	0.060 0.083 0.109 0.172
PCS 1900MHZ 4X45W-65MHZ	B	From Leg	4.000 0' 1'		0.000	124'	No Ice 2.313 1/2" Ice 2.517 1" Ice 2.728 2" Ice 3.174	2.229 2.431 2.641 3.082	0.060 0.083 0.109 0.172
PCS 1900MHZ 4X45W-65MHZ	C	From Leg	4.000 0' 1'		0.000	124'	No Ice 2.313 1/2" Ice 2.517 1" Ice 2.728 2" Ice 3.174	2.229 2.431 2.641 3.082	0.060 0.083 0.109 0.172
FZHN	A	From Leg	4.000 0' 1'		0.000	124'	No Ice 2.020 1/2" Ice 2.197 1" Ice 2.381 2" Ice 2.772	0.607 0.715 0.829 1.089	0.044 0.058 0.075 0.116

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job	155990.001.01 - HRT 087 843325, CT (BU# 806383)	Page	12 of 25
	Project		Date	20:47:48 09/08/21
	Client	Crown Castle		Designed by

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C _{AA} Front	C _{AA} Side	Weight
			Horz	Lateral					
FZHN	B	From Leg	4.000	0.000	124'	No Ice	2.020	0.607	0.044
			0'			1/2" Ice	2.197	0.715	0.058
			1'			1" Ice	2.381	0.829	0.075
						2" Ice	2.772	1.089	0.116
FZHN	C	From Leg	4.000	0.000	124'	No Ice	2.020	0.607	0.044
			0'			1/2" Ice	2.197	0.715	0.058
			1'			1" Ice	2.381	0.829	0.075
						2" Ice	2.772	1.089	0.116
7x2" Antenna Mount Pipe	A	From Leg	4.000	0.000	124'	No Ice	1.663	1.663	0.026
			0'			1/2" Ice	2.391	2.391	0.039
			0'			1" Ice	2.825	2.825	0.056
						2" Ice	3.706	3.706	0.105
7x2" Antenna Mount Pipe	B	From Leg	4.000	0.000	124'	No Ice	1.663	1.663	0.026
			0'			1/2" Ice	2.391	2.391	0.039
			0'			1" Ice	2.825	2.825	0.056
						2" Ice	3.706	3.706	0.105
7x2" Antenna Mount Pipe	C	From Leg	4.000	0.000	124'	No Ice	1.663	1.663	0.026
			0'			1/2" Ice	2.391	2.391	0.039
			0'			1" Ice	2.825	2.825	0.056
						2" Ice	3.706	3.706	0.105
Sector Mount [SM 502-3]	C	None		0.000	124'	No Ice	29.820	29.820	1.673
						1/2" Ice	42.210	42.210	2.266
						1" Ice	54.430	54.430	3.052
						2" Ice	78.490	78.490	5.180
* MX08FRO665-21 w/ Mount Pipe	A	From Leg	4.000	0.000	114'	No Ice	8.010	4.230	0.108
			0'			1/2" Ice	8.520	4.690	0.194
			0'			1" Ice	9.040	5.160	0.292
						2" Ice	10.110	6.120	0.522
MX08FRO665-21 w/ Mount Pipe	B	From Leg	4.000	0.000	114'	No Ice	8.010	4.230	0.108
			0'			1/2" Ice	8.520	4.690	0.194
			0'			1" Ice	9.040	5.160	0.292
						2" Ice	10.110	6.120	0.522
MX08FRO665-21 w/ Mount Pipe	C	From Leg	4.000	0.000	114'	No Ice	8.010	4.230	0.108
			0'			1/2" Ice	8.520	4.690	0.194
			0'			1" Ice	9.040	5.160	0.292
						2" Ice	10.110	6.120	0.522
TA08025-B605	A	From Leg	4.000	0.000	114'	No Ice	1.964	1.129	0.075
			0'			1/2" Ice	2.138	1.267	0.093
			0'			1" Ice	2.320	1.411	0.114
						2" Ice	2.705	1.723	0.164
TA08025-B605	B	From Leg	4.000	0.000	114'	No Ice	1.964	1.129	0.075
			0'			1/2" Ice	2.138	1.267	0.093
			0'			1" Ice	2.320	1.411	0.114
						2" Ice	2.705	1.723	0.164
TA08025-B605	C	From Leg	4.000	0.000	114'	No Ice	1.964	1.129	0.075
			0'			1/2" Ice	2.138	1.267	0.093
			0'			1" Ice	2.320	1.411	0.114
						2" Ice	2.705	1.723	0.164
TA08025-B604	A	From Leg	4.000	0.000	114'	No Ice	1.964	0.981	0.064
			0'			1/2" Ice	2.138	1.112	0.081
			0'			1" Ice	2.320	1.250	0.100
						2" Ice	2.705	1.548	0.148
TA08025-B604	B	From Leg	4.000	0.000	114'	No Ice	1.964	0.981	0.064
			0'			1/2" Ice	2.138	1.112	0.081
			0'			1" Ice	2.320	1.250	0.100
						2" Ice	2.705	1.548	0.148

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job	155990.001.01 - HRT 087 843325, CT (BU# 806383)	Page	13 of 25
	Project		Date	20:47:48 09/08/21
	Client	Crown Castle		Designed by

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C _{AA} Front	C _{AA} Side	Weight
			Horz	Lateral					
TA08025-B604	C	From Leg	4.000	0.000	114'	No Ice	1.964	0.981	0.064
			0'			1/2" Ice	2.138	1.112	0.081
			0'			1" Ice	2.320	1.250	0.100
						2" Ice	2.705	1.548	0.148
						No Ice	2.012	1.168	0.022
RDIDC-9181-PF-48	A	From Leg	4.000	0.000	114'	No Ice	2.012	1.168	0.022
			0'			1/2" Ice	2.189	1.311	0.040
			0'			1" Ice	2.373	1.461	0.060
						2" Ice	2.763	1.784	0.110
						No Ice	1.900	1.900	0.029
(2) 8' x 2" Mount Pipe	A	From Leg	4.000	0.000	114'	No Ice	1.900	1.900	0.029
			0'			1/2" Ice	2.728	2.728	0.044
			0'			1" Ice	3.401	3.401	0.063
						2" Ice	4.396	4.396	0.119
						No Ice	1.900	1.900	0.029
(2) 8' x 2" Mount Pipe	B	From Leg	4.000	0.000	114'	No Ice	1.900	1.900	0.029
			0'			1/2" Ice	2.728	2.728	0.044
			0'			1" Ice	3.401	3.401	0.063
						2" Ice	4.396	4.396	0.119
						No Ice	1.900	1.900	0.029
(2) 8' x 2" Mount Pipe	C	From Leg	4.000	0.000	114'	No Ice	1.900	1.900	0.029
			0'			1/2" Ice	2.728	2.728	0.044
			0'			1" Ice	3.401	3.401	0.063
						2" Ice	4.396	4.396	0.119
						No Ice	1.900	1.900	0.029
Commscope MTC3975083 (3)	C	None		0.000	114'	No Ice	23.850	23.850	1.260
						1/2" Ice	34.120	34.120	1.803
						1" Ice	44.390	44.390	2.345
						2" Ice	64.930	64.930	3.431
* RR90-17-00DP w/ Mount Pipe	A	From Leg	4.000	0.000	101'	No Ice	4.470	2.920	0.034
			0'			1/2" Ice	5.080	3.500	0.067
			1'			1" Ice	5.700	4.100	0.108
						2" Ice	7.010	5.350	0.216
						No Ice	4.470	2.920	0.034
RR90-17-00DP w/ Mount Pipe	B	From Leg	4.000	0.000	101'	No Ice	4.470	2.920	0.034
			0'			1/2" Ice	5.080	3.500	0.067
			1'			1" Ice	5.700	4.100	0.108
						2" Ice	7.010	5.350	0.216
						No Ice	4.470	2.920	0.034
RR90-17-00DP w/ Mount Pipe	C	From Leg	4.000	0.000	101'	No Ice	4.470	2.920	0.034
			0'			1/2" Ice	5.080	3.500	0.067
			1'			1" Ice	5.700	4.100	0.108
						2" Ice	7.010	5.350	0.216
						No Ice	4.470	2.920	0.034
APXVAARR24_43-U-NA20 w/ Mount Pipe	A	From Leg	4.000	0.000	101'	No Ice	14.690	6.870	0.186
			0'			1/2" Ice	15.460	7.550	0.315
			1'			1" Ice	16.230	8.250	0.458
						2" Ice	17.820	9.670	0.788
						No Ice	14.690	6.870	0.186
APXVAARR24_43-U-NA20 w/ Mount Pipe	B	From Leg	4.000	0.000	101'	No Ice	14.690	6.870	0.186
			0'			1/2" Ice	15.460	7.550	0.315
			1'			1" Ice	16.230	8.250	0.458
						2" Ice	17.820	9.670	0.788
						No Ice	14.690	6.870	0.186
APXVAARR24_43-U-NA20 w/ Mount Pipe	C	From Leg	4.000	0.000	101'	No Ice	14.690	6.870	0.186
			0'			1/2" Ice	15.460	7.550	0.315
			1'			1" Ice	16.230	8.250	0.458
						2" Ice	17.820	9.670	0.788
						No Ice	14.690	6.870	0.186
KRY 112 144/1	A	From Leg	4.000	0.000	101'	No Ice	0.350	0.175	0.011
			0'			1/2" Ice	0.426	0.234	0.014
			1'			1" Ice	0.509	0.301	0.019
						2" Ice	0.698	0.456	0.032
						No Ice	0.350	0.175	0.011
KRY 112 144/1	B	From Leg	4.000	0.000	101'	No Ice	0.350	0.175	0.011
			0'			1/2" Ice	0.426	0.234	0.014
			1'			1" Ice	0.509	0.301	0.019
						2" Ice	0.698	0.456	0.032
						No Ice	0.350	0.175	0.011

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job	Page	
	155990.001.01 - HRT 087 843325, CT (BU# 806383)		14 of 25
	Project	Date	20:47:48 09/08/21
Client	Crown Castle	Designed by Sahana	

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C _{AA} Front	C _{AA} Side	Weight
			Horz	Lateral					
KRY 112 144/1	C	From Leg	4.000	0.000	101'	No Ice	0.350	0.175	0.011
			0'			1/2" Ice	0.426	0.234	0.014
			1'			1" Ice	0.509	0.301	0.019
						2" Ice	0.698	0.456	0.032
KRY 112 489/2	A	From Leg	4.000	0.000	101'	No Ice	0.559	0.365	0.015
			0'			1/2" Ice	0.658	0.448	0.020
			1'			1" Ice	0.764	0.542	0.027
						2" Ice	0.998	0.752	0.046
KRY 112 489/2	B	From Leg	4.000	0.000	101'	No Ice	0.559	0.365	0.015
			0'			1/2" Ice	0.658	0.448	0.020
			1'			1" Ice	0.764	0.542	0.027
						2" Ice	0.998	0.752	0.046
KRY 112 489/2	C	From Leg	4.000	0.000	101'	No Ice	0.559	0.365	0.015
			0'			1/2" Ice	0.658	0.448	0.020
			1'			1" Ice	0.764	0.542	0.027
						2" Ice	0.998	0.752	0.046
RADIO 4415 B66A	A	From Leg	4.000	0.000	101'	No Ice	1.856	0.870	0.050
			0'			1/2" Ice	2.027	0.997	0.064
			1'			1" Ice	2.204	1.134	0.081
						2" Ice	2.582	1.432	0.124
RADIO 4415 B66A	B	From Leg	4.000	0.000	101'	No Ice	1.856	0.870	0.050
			0'			1/2" Ice	2.027	0.997	0.064
			1'			1" Ice	2.204	1.134	0.081
						2" Ice	2.582	1.432	0.124
RADIO 4415 B66A	C	From Leg	4.000	0.000	101'	No Ice	1.856	0.870	0.050
			0'			1/2" Ice	2.027	0.997	0.064
			1'			1" Ice	2.204	1.134	0.081
						2" Ice	2.582	1.432	0.124
RADIO 4449 B12/B71	A	From Leg	4.000	0.000	101'	No Ice	1.650	1.163	0.074
			0'			1/2" Ice	1.810	1.301	0.090
			1'			1" Ice	1.978	1.447	0.109
						2" Ice	2.336	1.762	0.155
RADIO 4449 B12/B71	B	From Leg	4.000	0.000	101'	No Ice	1.650	1.163	0.074
			0'			1/2" Ice	1.810	1.301	0.090
			1'			1" Ice	1.978	1.447	0.109
						2" Ice	2.336	1.762	0.155
RADIO 4449 B12/B71	C	From Leg	4.000	0.000	101'	No Ice	1.650	1.163	0.074
			0'			1/2" Ice	1.810	1.301	0.090
			1'			1" Ice	1.978	1.447	0.109
						2" Ice	2.336	1.762	0.155
10' x 2" Horizontal Mount Pipe	A	From Leg	1.000	0.000	101'	No Ice	2.375	2.375	0.037
			0'			1/2" Ice	3.403	3.403	0.054
			0'			1" Ice	4.448	4.448	0.079
						2" Ice	5.911	5.911	0.148
10' x 2" Horizontal Mount Pipe	B	From Leg	1.000	0.000	101'	No Ice	2.375	2.375	0.037
			0'			1/2" Ice	3.403	3.403	0.054
			0'			1" Ice	4.448	4.448	0.079
						2" Ice	5.911	5.911	0.148
10' x 2" Horizontal Mount Pipe	C	From Leg	1.000	0.000	101'	No Ice	2.375	2.375	0.037
			0'			1/2" Ice	3.403	3.403	0.054
			0'			1" Ice	4.448	4.448	0.079
						2" Ice	5.911	5.911	0.148
6' x 2" Mount Pipe	A	From Leg	2.000	0.000	101'	No Ice	1.425	1.425	0.022
			0'			1/2" Ice	1.925	1.925	0.033
			0'			1" Ice	2.294	2.294	0.048
						2" Ice	3.060	3.060	0.090
6' x 2" Mount Pipe	B	From Leg	2.000	0.000	101'	No Ice	1.425	1.425	0.022

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job	Page
	155990.001.01 - HRT 087 843325, CT (BU# 806383)	15 of 25
	Project	Date
		20:47:48 09/08/21
Client	Designed by	
	Crown Castle	Sahana

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	K
				0'		1/2" Ice	1.925	1.925	0.033
				0'		1" Ice	2.294	2.294	0.048
				0'		2" Ice	3.060	3.060	0.090
6' x 2" Mount Pipe	C	From Leg	2.000	0.000	101'	No Ice	1.425	1.425	0.022
			0'			1/2" Ice	1.925	1.925	0.033
			0'			1" Ice	2.294	2.294	0.048
						2" Ice	3.060	3.060	0.090
Side Arm Mount [SO 306-3]	C	None		0.000	101'	No Ice	3.200	3.200	0.126
						1/2" Ice	5.570	5.570	0.187
						1" Ice	8.050	8.050	0.281
						2" Ice	13.740	13.740	0.562
*									
GPS_A	A	From Leg	3.000	0.000	60'	No Ice	0.255	0.255	0.001
			0'			1/2" Ice	0.320	0.320	0.005
			0'			1" Ice	0.393	0.393	0.010
						2" Ice	0.561	0.561	0.025
Side Arm Mount [SO 305-1]	A	From Leg	1.500	0.000	60'	No Ice	0.530	1.520	0.030
			0'			1/2" Ice	0.780	2.070	0.044
			0'			1" Ice	1.060	2.660	0.064
						2" Ice	1.730	3.910	0.125
*									
GPS_A	A	From Leg	0.500	0.000	50'	No Ice	0.255	0.255	0.001
			0'			1/2" Ice	0.320	0.320	0.005
			0'			1" Ice	0.393	0.393	0.010
						2" Ice	0.561	0.561	0.025
2' Horiz 2"x2" angle	A	From Leg	0.250	0.000	50'	No Ice	0.520	0.010	0.006
			0'			1/2" Ice	0.640	0.050	0.011
			0'			1" Ice	0.770	0.110	0.022
						2" Ice	1.060	0.280	0.034
*									
GPS_RESERVED	B	From Leg	0.500	0.000	50'	No Ice	0.000	0.000	0.000
			0'			1/2" Ice	0.000	0.000	0.000
			0'			1" Ice	0.000	0.000	0.000
						2" Ice	0.000	0.000	0.000
*									

Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice
3	0.9 Dead+1.0 Wind 0 deg - No Ice
4	1.2 Dead+1.0 Wind 30 deg - No Ice
5	0.9 Dead+1.0 Wind 30 deg - No Ice
6	1.2 Dead+1.0 Wind 60 deg - No Ice
7	0.9 Dead+1.0 Wind 60 deg - No Ice
8	1.2 Dead+1.0 Wind 90 deg - No Ice
9	0.9 Dead+1.0 Wind 90 deg - No Ice
10	1.2 Dead+1.0 Wind 120 deg - No Ice
11	0.9 Dead+1.0 Wind 120 deg - No Ice
12	1.2 Dead+1.0 Wind 150 deg - No Ice
13	0.9 Dead+1.0 Wind 150 deg - No Ice
14	1.2 Dead+1.0 Wind 180 deg - No Ice

<p>tnxTower</p> <p>B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265</p>	<p>Job 155990.001.01 - HRT 087 843325, CT (BU# 806383)</p>	<p>Page 16 of 25</p>
	<p>Project</p>	<p>Date 20:47:48 09/08/21</p>
	<p>Client Crown Castle</p>	<p>Designed by Sahana</p>

Comb. No.	Description
15	0.9 Dead+1.0 Wind 180 deg - No Ice
16	1.2 Dead+1.0 Wind 210 deg - No Ice
17	0.9 Dead+1.0 Wind 210 deg - No Ice
18	1.2 Dead+1.0 Wind 240 deg - No Ice
19	0.9 Dead+1.0 Wind 240 deg - No Ice
20	1.2 Dead+1.0 Wind 270 deg - No Ice
21	0.9 Dead+1.0 Wind 270 deg - No Ice
22	1.2 Dead+1.0 Wind 300 deg - No Ice
23	0.9 Dead+1.0 Wind 300 deg - No Ice
24	1.2 Dead+1.0 Wind 330 deg - No Ice
25	0.9 Dead+1.0 Wind 330 deg - No Ice
26	1.2 Dead+1.0 Ice+1.0 Temp
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp
30	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
31	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp
32	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp
33	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
34	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp
35	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp
36	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp
37	1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp
38	1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp
39	Dead+Wind 0 deg - Service
40	Dead+Wind 30 deg - Service
41	Dead+Wind 60 deg - Service
42	Dead+Wind 90 deg - Service
43	Dead+Wind 120 deg - Service
44	Dead+Wind 150 deg - Service
45	Dead+Wind 180 deg - Service
46	Dead+Wind 210 deg - Service
47	Dead+Wind 240 deg - Service
48	Dead+Wind 270 deg - Service
49	Dead+Wind 300 deg - Service
50	Dead+Wind 330 deg - Service

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
T1	140 - 120	Leg	Max Tension	15	10.795	-0.012	-0.009
			Max. Compression	2	-15.793	0.041	0.017
			Max. Mx	22	-1.279	0.528	-0.004
			Max. My	16	-1.737	0.007	-0.561
			Max. Vy	3	-0.923	0.399	0.001
			Max. Vx	24	-0.910	0.003	0.354
		Diagonal	Max Tension	5	2.595	0.000	0.000
			Max. Compression	16	-2.716	0.000	0.000
			Max. Mx	35	0.499	0.026	-0.000
			Max. My	16	-1.566	0.001	-0.003
			Max. Vy	35	-0.023	0.026	-0.000
			Max. Vx	16	0.001	0.000	0.000
		Top Girt	Max Tension	14	0.349	0.000	0.000
			Max. Compression	3	-0.316	0.000	0.000
			Max. Mx	26	0.034	-0.052	0.000
			Max. My	26	0.038	0.000	0.000
			Max. Vy	26	0.032	0.000	0.000

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job 155990.001.01 - HRT 087 843325, CT (BU# 806383)	Page 17 of 25
	Project	Date 20:47:48 09/08/21
	Client Crown Castle	Designed by Sahana

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
T2	120 - 100	Leg	Max. Vx	26	-0.000	0.000	0.000
			Max Tension	15	29.514	-0.086	-0.014
			Max. Compression	2	-39.358	0.263	0.021
			Max. Mx	14	27.901	-0.279	-0.022
			Max. My	24	-5.606	-0.010	0.229
			Max. Vy	14	-0.447	-0.214	-0.015
		Diagonal	Max. Vx	12	-0.422	-0.030	-0.223
			Max Tension	4	3.005	0.000	0.000
			Max. Compression	4	-2.988	0.000	0.000
			Max. Mx	35	0.745	0.028	-0.003
			Max. My	32	0.860	0.028	-0.004
			Max. Vy	33	0.026	0.026	-0.004
		Top Girt	Max. Vx	32	0.001	0.000	0.000
			Max Tension	14	0.233	0.000	0.000
			Max. Compression	19	-0.216	0.000	0.000
			Max. Mx	26	0.014	-0.052	0.000
			Max. My	26	0.017	0.000	0.002
			Max. Vy	26	-0.031	0.000	0.000
T3	100 - 80	Leg	Max. Vx	26	-0.001	0.000	0.000
			Max Tension	15	49.377	-0.123	-0.026
			Max. Compression	2	-61.899	0.116	0.030
			Max. Mx	14	34.089	-0.279	-0.022
			Max. My	24	-5.705	-0.010	0.229
			Max. Vy	14	-0.067	-0.279	-0.022
		Diagonal	Max. Vx	20	0.077	-0.014	-0.206
			Max Tension	4	3.767	0.000	0.000
			Max. Compression	4	-3.819	0.000	0.000
			Max. Mx	35	0.822	0.044	-0.006
			Max. My	27	-1.182	0.036	0.006
			Max. Vy	37	0.034	0.043	-0.006
T4	80 - 60	Leg	Max. Vx	27	-0.002	0.000	0.000
			Max Tension	15	68.232	-0.133	-0.024
			Max. Compression	2	-83.729	0.226	0.029
			Max. Mx	2	-83.729	0.226	0.029
			Max. My	20	-7.385	-0.019	-0.221
			Max. Vy	33	-0.058	-0.165	-0.009
		Diagonal	Max. Vx	20	0.078	-0.019	-0.221
			Max Tension	16	3.983	0.000	0.000
			Max. Compression	2	-4.044	0.000	0.000
			Max. Mx	27	1.041	0.076	-0.009
			Max. My	27	0.619	0.072	0.009
			Max. Vy	37	0.049	0.074	-0.009
T5	60 - 40	Leg	Max. Vx	27	-0.003	0.000	0.000
			Max Tension	15	85.447	-0.184	-0.019
			Max. Compression	2	-104.369	0.302	0.036
			Max. Mx	33	3.900	-0.542	-0.011
			Max. My	20	-8.581	-0.017	-0.246
			Max. Vy	33	0.143	-0.542	-0.011
		Diagonal	Max. Vx	20	-0.073	-0.017	-0.246
			Max Tension	16	4.275	0.000	0.000
			Max. Compression	2	-4.317	0.000	0.000
			Max. Mx	27	0.977	0.110	-0.012
			Max. My	27	-0.706	0.081	0.014
			Max. Vy	37	0.062	0.106	-0.012
T6	40 - 20	Leg	Max. Vx	27	-0.003	0.000	0.000
			Max Tension	15	100.682	-0.304	-0.043
			Max. Compression	2	-122.789	0.563	0.056
			Max. Mx	33	4.936	-0.940	-0.011
			Max. My	24	-9.581	-0.049	0.606
			Max. Vy	33	0.174	-0.940	-0.011
			Max. Vx	20	-0.135	-0.053	-0.594

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job 155990.001.01 - HRT 087 843325, CT (BU# 806383)	Page 18 of 25
	Project	Date 20:47:48 09/08/21
	Client Crown Castle	Designed by Sahana

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
T7	20 - 0	Diagonal	Max Tension	16	5.022	0.000	0.000
			Max. Compression	2	-5.301	0.000	0.000
			Max. Mx	37	0.439	0.135	-0.016
			Max. My	36	1.724	0.116	-0.019
			Max. Vy	38	0.068	0.121	0.018
			Max. Vx	36	0.004	0.000	0.000
		Leg	Max Tension	15	116.451	-0.357	-0.054
			Max. Compression	2	-142.340	0.000	-0.000
			Max. Mx	33	7.669	-0.940	-0.011
			Max. My	24	-10.615	-0.068	0.836
			Max. Vy	33	-0.189	-0.940	-0.011
			Max. Vx	20	-0.167	-0.072	-0.811
		Diagonal	Max Tension	14	5.377	0.000	0.000
			Max. Compression	2	-5.784	0.000	0.000
			Max. Mx	38	-0.245	0.185	-0.019
			Max. My	36	2.062	0.132	-0.023
			Max. Vy	38	0.078	0.185	-0.019
			Max. Vx	36	0.004	0.000	0.000

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Leg C	Max. Vert	18	134.671	12.600	-7.661
	Max. H _x	18	134.671	12.600	-7.661
	Max. H _z	5	-100.481	-9.408	6.856
	Min. Vert	7	-108.928	-10.637	6.493
	Min. H _x	7	-108.928	-10.637	6.493
	Min. H _z	18	134.671	12.600	-7.661
Leg B	Max. Vert	10	138.181	-13.232	-8.039
	Max. H _x	23	-114.222	11.288	6.903
	Max. H _z	23	-114.222	11.288	6.903
	Min. Vert	23	-114.222	11.288	6.903
	Min. H _x	10	138.181	-13.232	-8.039
	Min. H _z	10	138.181	-13.232	-8.039
Leg A	Max. Vert	2	147.164	-0.596	16.207
	Max. H _x	21	9.417	2.276	0.678
	Max. H _z	2	147.164	-0.596	16.207
	Min. Vert	15	-120.273	0.577	-13.903
	Min. H _x	8	11.996	-2.295	0.862
	Min. H _z	15	-120.273	0.577	-13.903

Tower Mast Reaction Summary

Load Combination	Vertical K	Shear _x K	Shear _z K	Overturning Moment, M _x kip-ft	Overturning Moment, M _z kip-ft	Torque kip-ft
Dead Only	28.647	-0.000	0.000	-10.529	7.971	0.000
1.2 Dead+1.0 Wind 0 deg - No Ice	34.377	-0.028	-25.982	-2206.021	13.460	-19.045
0.9 Dead+1.0 Wind 0 deg - No Ice	25.782	-0.028	-25.982	-2202.862	11.069	-19.045

<p>tnxTower</p> <p>B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265</p>	<p>Job</p> <p>155990.001.01 - HRT 087 843325, CT (BU# 806383)</p>	<p>Page</p> <p>19 of 25</p>
	<p>Project</p>	<p>Date</p> <p>20:47:48 09/08/21</p>
	<p>Client</p> <p>Crown Castle</p>	<p>Designed by</p> <p>Sahana</p>

Load Combination	Vertical K	Shear _x K	Shear _z K	Overturning Moment, M _x kip-ft	Overturning Moment, M _z kip-ft	Torque kip-ft
1.2 Dead+1.0 Wind 30 deg - No Ice	34.377	11.917	-20.703	-1791.630	-1012.463	-11.313
0.9 Dead+1.0 Wind 30 deg - No Ice	25.782	11.917	-20.703	-1788.471	-1014.854	-11.313
1.2 Dead+1.0 Wind 60 deg - No Ice	34.377	19.177	-11.075	-969.031	-1645.960	-10.326
0.9 Dead+1.0 Wind 60 deg - No Ice	25.782	19.177	-11.075	-965.872	-1648.351	-10.326
1.2 Dead+1.0 Wind 90 deg - No Ice	34.377	22.603	0.028	-8.740	-1912.791	-18.368
0.9 Dead+1.0 Wind 90 deg - No Ice	25.782	22.603	0.028	-5.581	-1915.182	-18.368
1.2 Dead+1.0 Wind 120 deg - No Ice	34.377	21.495	12.446	1028.471	-1784.891	-11.009
0.9 Dead+1.0 Wind 120 deg - No Ice	25.782	21.495	12.446	1031.630	-1787.282	-11.009
1.2 Dead+1.0 Wind 150 deg - No Ice	34.377	12.451	21.572	1808.532	-1041.308	11.629
0.9 Dead+1.0 Wind 150 deg - No Ice	25.782	12.451	21.572	1811.691	-1043.699	11.629
1.2 Dead+1.0 Wind 180 deg - No Ice	34.377	0.028	24.645	2091.710	5.670	19.045
0.9 Dead+1.0 Wind 180 deg - No Ice	25.782	0.028	24.645	2094.869	3.278	19.045
1.2 Dead+1.0 Wind 210 deg - No Ice	34.377	-11.917	20.703	1766.360	1031.592	11.313
0.9 Dead+1.0 Wind 210 deg - No Ice	25.782	-11.917	20.703	1769.519	1029.201	11.313
1.2 Dead+1.0 Wind 240 deg - No Ice	34.377	-20.335	11.743	988.282	1742.201	10.326
0.9 Dead+1.0 Wind 240 deg - No Ice	25.782	-20.335	11.743	991.440	1739.810	10.326
1.2 Dead+1.0 Wind 270 deg - No Ice	34.377	-22.603	-0.028	-16.530	1931.920	18.368
0.9 Dead+1.0 Wind 270 deg - No Ice	25.782	-22.603	-0.028	-13.371	1929.529	18.368
1.2 Dead+1.0 Wind 300 deg - No Ice	34.377	-20.338	-11.777	-1009.220	1726.909	11.009
0.9 Dead+1.0 Wind 300 deg - No Ice	25.782	-20.338	-11.777	-1006.061	1724.518	11.009
1.2 Dead+1.0 Wind 330 deg - No Ice	34.377	-12.451	-21.572	-1833.801	1060.438	-11.629
0.9 Dead+1.0 Wind 330 deg - No Ice	25.782	-12.451	-21.572	-1830.643	1058.047	-11.629
1.2 Dead+1.0 Ice+1.0 Temp	85.610	-0.000	-0.000	-33.102	37.051	0.000
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	85.610	-0.005	-7.302	-666.887	37.808	-4.286
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	85.610	3.492	-6.058	-564.279	-268.699	-3.487
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	85.610	5.845	-3.374	-329.411	-476.083	-3.827
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	85.610	6.763	0.005	-32.345	-552.698	-5.209
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	85.610	6.123	3.541	272.915	-491.384	-3.122
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	85.610	3.555	6.156	501.788	-271.717	1.869
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	85.610	0.005	7.094	587.304	36.295	4.286
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	85.610	-3.492	6.058	498.075	342.802	3.487

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job	Page
	155990.001.01 - HRT 087 843325, CT (BU# 806383)	20 of 25
	Project	Date
		20:47:48 09/08/21
	Client	Designed by
	Crown Castle	Sahana

Load Combination	Vertical K	Shear _x K	Shear _z K	Overturning Moment, M _x kip-ft	Overturning Moment, M _z kip-ft	Torque kip-ft
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	85.610	-6.024	3.478	269.897	561.773	3.827
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	85.610	-6.763	-0.005	-33.858	626.801	5.209
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	85.610	-5.943	-3.437	-332.429	553.900	3.122
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	85.610	-3.555	-6.156	-567.992	345.819	-1.869
Dead+Wind 0 deg - Service	28.647	-0.008	-7.084	-607.722	9.031	-5.183
Dead+Wind 30 deg - Service	28.647	3.250	-5.645	-494.909	-270.305	-3.079
Dead+Wind 60 deg - Service	28.647	5.230	-3.020	-270.943	-442.807	-2.810
Dead+Wind 90 deg - Service	28.647	6.164	0.008	-9.469	-515.460	-4.999
Dead+Wind 120 deg - Service	28.647	5.861	3.393	272.939	-480.617	-2.996
Dead+Wind 150 deg - Service	28.647	3.395	5.882	485.329	-278.156	3.165
Dead+Wind 180 deg - Service	28.647	0.008	6.720	562.431	6.911	5.183
Dead+Wind 210 deg - Service	28.647	-3.250	5.645	473.851	286.246	3.079
Dead+Wind 240 deg - Service	28.647	-5.545	3.202	262.001	479.734	2.810
Dead+Wind 270 deg - Service	28.647	-6.164	-0.008	-11.589	531.401	4.999
Dead+Wind 300 deg - Service	28.647	-5.546	-3.212	-281.880	475.572	2.996
Dead+Wind 330 deg - Service	28.647	-3.395	-5.882	-506.387	294.097	-3.165

Solution Summary

Load Comb.	Sum of Applied Forces			Sum of Reactions			% Error
	PX K	PY K	PZ K	PX K	PY K	PZ K	
1	0.000	-28.647	0.000	0.000	28.647	0.000	0.000%
2	-0.028	-34.377	-25.982	0.028	34.377	25.982	0.000%
3	-0.028	-25.782	-25.982	0.028	25.782	25.982	0.000%
4	11.917	-34.377	-20.703	-11.917	34.377	20.703	0.000%
5	11.917	-25.782	-20.703	-11.917	25.782	20.703	0.000%
6	19.177	-34.377	-11.075	-19.177	34.377	11.075	0.000%
7	19.177	-25.782	-11.075	-19.177	25.782	11.075	0.000%
8	22.603	-34.377	0.028	-22.603	34.377	-0.028	0.000%
9	22.603	-25.782	0.028	-22.603	25.782	-0.028	0.000%
10	21.495	-34.377	12.446	-21.495	34.377	-12.446	0.000%
11	21.495	-25.782	12.446	-21.495	25.782	-12.446	0.000%
12	12.451	-34.377	21.572	-12.451	34.377	-21.572	0.000%
13	12.451	-25.782	21.572	-12.451	25.782	-21.572	0.000%
14	0.028	-34.377	24.645	-0.028	34.377	-24.645	0.000%
15	0.028	-25.782	24.645	-0.028	25.782	-24.645	0.000%
16	-11.917	-34.377	20.703	11.917	34.377	-20.703	0.000%
17	-11.917	-25.782	20.703	11.917	25.782	-20.703	0.000%
18	-20.335	-34.377	11.743	20.335	34.377	-11.743	0.000%
19	-20.335	-25.782	11.743	20.335	25.782	-11.743	0.000%
20	-22.603	-34.377	-0.028	22.603	34.377	0.028	0.000%
21	-22.603	-25.782	-0.028	22.603	25.782	0.028	0.000%
22	-20.338	-34.377	-11.777	20.338	34.377	11.777	0.000%
23	-20.338	-25.782	-11.777	20.338	25.782	11.777	0.000%
24	-12.451	-34.377	-21.572	12.451	34.377	21.572	0.000%
25	-12.451	-25.782	-21.572	12.451	25.782	21.572	0.000%
26	0.000	-85.610	0.000	0.000	85.610	0.000	0.000%
27	-0.005	-85.610	-7.302	0.005	85.610	7.302	0.000%
28	3.492	-85.610	-6.058	-3.492	85.610	6.058	0.000%
29	5.845	-85.610	-3.374	-5.845	85.610	3.374	0.000%
30	6.763	-85.610	0.005	-6.763	85.610	-0.005	0.000%
31	6.123	-85.610	3.541	-6.123	85.610	-3.541	0.000%
32	3.555	-85.610	6.156	-3.555	85.610	-6.156	0.000%

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job	Page	
	155990.001.01 - HRT 087 843325, CT (BU# 806383)		21 of 25
	Project	Date	
Client	Crown Castle	20:47:48 09/08/21	
		Designed by Sahana	

Load Comb.	Sum of Applied Forces			Sum of Reactions			% Error
	PX K	PY K	PZ K	PX K	PY K	PZ K	
33	0.005	-85.610	7.094	-0.005	85.610	-7.094	0.000%
34	-3.492	-85.610	6.058	3.492	85.610	-6.058	0.000%
35	-6.024	-85.610	3.478	6.024	85.610	-3.478	0.000%
36	-6.763	-85.610	-0.005	6.763	85.610	0.005	0.000%
37	-5.943	-85.610	-3.437	5.943	85.610	3.437	0.000%
38	-3.555	-85.610	-6.156	3.555	85.610	6.156	0.000%
39	-0.008	-28.647	-7.084	0.008	28.647	7.084	0.000%
40	3.250	-28.647	-5.645	-3.250	28.647	5.645	0.000%
41	5.230	-28.647	-3.020	-5.230	28.647	3.020	0.000%
42	6.164	-28.647	0.008	-6.164	28.647	-0.008	0.000%
43	5.861	-28.647	3.393	-5.861	28.647	-3.393	0.000%
44	3.395	-28.647	5.882	-3.395	28.647	-5.882	0.000%
45	0.008	-28.647	6.720	-0.008	28.647	-6.720	0.000%
46	-3.250	-28.647	5.645	3.250	28.647	-5.645	0.000%
47	-5.545	-28.647	3.202	5.545	28.647	-3.202	0.000%
48	-6.164	-28.647	-0.008	6.164	28.647	0.008	0.000%
49	-5.546	-28.647	-3.212	5.546	28.647	3.212	0.000%
50	-3.395	-28.647	-5.882	3.395	28.647	5.882	0.000%

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
T1	140 - 120	2.679	39	0.170	0.021
T2	120 - 100	1.973	39	0.155	0.020
T3	100 - 80	1.353	39	0.128	0.016
T4	80 - 60	0.848	39	0.099	0.012
T5	60 - 40	0.474	39	0.069	0.008
T6	40 - 20	0.218	39	0.042	0.005
T7	20 - 0	0.063	39	0.022	0.002

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
137'	LNx-8513DS-A1M w/ Mount Pipe	39	2.570	0.168	0.021	187726
124'	NNVV-65B-R4 w/ Mount Pipe	39	2.109	0.158	0.020	58686
114'	MX08FRO665-21 w/ Mount Pipe	39	1.776	0.148	0.019	45370
101'	RR90-17-00DP w/ Mount Pipe	39	1.381	0.130	0.016	41729
60'	GPS_A	39	0.474	0.069	0.008	39330
50'	GPS_A	39	0.333	0.055	0.007	45086

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
-------------	-----------------	------------------------	-----------------	-----------	------------

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job 155990.001.01 - HRT 087 843325, CT (BU# 806383)	Page 22 of 25
	Project	Date 20:47:48 09/08/21
	Client Crown Castle	Designed by Sahana

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
T1	140 - 120	9.774	2	0.621	0.078
T2	120 - 100	7.191	2	0.565	0.073
T3	100 - 80	4.926	2	0.468	0.058
T4	80 - 60	3.088	2	0.359	0.043
T5	60 - 40	1.724	2	0.251	0.030
T6	40 - 20	0.795	2	0.153	0.019
T7	20 - 0	0.230	2	0.078	0.008

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
137'	LNx-8513DS-A1M w/ Mount Pipe	2	9.378	0.614	0.077	51860
124'	NNVV-65B-R4 w/ Mount Pipe	2	7.690	0.579	0.074	16212
114'	MX08FRO665-21 w/ Mount Pipe	2	6.470	0.540	0.069	12394
101'	RR90-17-00DP w/ Mount Pipe	2	5.029	0.474	0.059	11311
60'	GPS_A	2	1.724	0.251	0.030	10805
50'	GPS_A	2	1.212	0.199	0.024	12398

Bolt Design Data

Section No.	Elevation ft	Component Type	Bolt Grade	Bolt Size in	Number Of Bolts	Maximum Load per Bolt K	Allowable Load per Bolt K	Ratio Load Allowable	Allowable Ratio	Criteria
T1	140	Leg	A325N	0.625	4	2.522	20.340	0.124 ✓	1.05	Bolt Tension
		Diagonal	A325N	0.500	1	2.595	6.199	0.419 ✓	1.05	Member Bearing
		Top Girt	A325N	0.500	1	0.349	4.133	0.084 ✓	1.05	Member Bearing
T2	120	Leg	A325N	0.750	4	7.379	30.101	0.245 ✓	1.05	Bolt Tension
		Diagonal	A325N	0.500	1	3.005	6.199	0.485 ✓	1.05	Member Bearing
		Top Girt	A325N	0.500	1	0.683	4.133	0.165 ✓	1.05	Member Bearing
T3	100	Leg	A325N	0.875	4	12.344	41.556	0.297 ✓	1.05	Bolt Tension
		Diagonal	A325N	0.500	1	3.767	6.199	0.608 ✓	1.05	Member Bearing
T4	80	Leg	A325N	0.875	4	17.058	41.556	0.410 ✓	1.05	Bolt Tension
		Diagonal	A325N	0.500	1	3.983	6.199	0.643 ✓	1.05	Member Bearing
T5	60	Leg	A325N	1.000	4	21.362	54.517	0.392 ✓	1.05	Bolt Tension
		Diagonal	A325N	0.500	1	4.275	6.199	0.690 ✓	1.05	Member Bearing
T6	40	Leg	A325N	1.000	4	25.171	54.517	0.462 ✓	1.05	Bolt Tension
		Diagonal	A325N	0.625	1	5.022	8.482	0.592 ✓	1.05	Member Bearing
T7	20	Diagonal	A325N	0.625	1	5.377	12.675	0.424 ✓	1.05	Member Bearing

Compression Checks

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job 155990.001.01 - HRT 087 843325, CT (BU# 806383)	Page 23 of 25
	Project	Date 20:47:48 09/08/21
	Client Crown Castle	Designed by Sahana

Leg Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T1	140 - 120	ROHN 2 STD	20'	4'	61.0 K=1.00	1.075	-15.802	36.842	0.429 ¹
T2	120 - 100	ROHN 2.5 EH	20'13/32"	5'3/32"	65.0 K=1.00	2.254	-39.358	74.427	0.529 ¹
T3	100 - 80	ROHN 3 EH	20'13/32"	6'8-1/8"	70.5 K=1.00	3.016	-61.899	94.342	0.656 ¹
T4	80 - 60	ROHN 3.5 EH	20'13/32"	6'8-1/8"	61.3 K=1.00	3.678	-83.729	125.726	0.666 ¹
T5	60 - 40	ROHN 4 X-STR	20'7/16"	6'8-5/32"	54.3 K=1.00	4.407	-104.369	159.903	0.653 ¹
T6	40 - 20	ROHN 5 EH	20'13/32"	10'7/32"	65.4 K=1.00	6.112	-122.789	201.251	0.610 ¹
T7	20 - 0	ROHN 5 X-STR	20'13/32"	10'7/32"	65.4 K=1.00	6.112	-142.340	201.251	0.707 ¹

¹ P_u / φP_n controls

Diagonal Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T1	140 - 120	L1 3/4x1 3/4x3/16	7'8-3/16"	3'7-15/32"	126.6 K=1.00	0.621	-2.716	11.092	0.245 ¹
T2	120 - 100	L1 3/4x1 3/4x3/16	9'8-25/32"	4'9-1/4"	166.7 K=1.00	0.621	-2.988	6.396	0.467 ¹
T3	100 - 80	L2x2x3/16	12'3-7/32"	6'11/16"	184.5 K=1.00	0.715	-3.813	6.012	0.634 ¹
T4	80 - 60	L2 1/2x2 1/2x3/16	14'9/32"	6'10-15/16"	167.6 K=1.00	0.902	-4.044	9.195	0.440 ¹
T5	60 - 40	L3x3x3/16	15'10-21/32"	7'9-29/32"	157.6 K=1.00	1.090	-4.317	12.565	0.344 ¹
T6	40 - 20	L3x3x3/16	19'1-3/16"	9'5-3/8"	190.2 K=1.00	1.090	-5.301	8.624	0.615 ¹
T7	20 - 0	L3x3x1/4	20'9-31/32"	10'3-23/32"	209.0 K=1.00	1.440	-5.784	9.435	0.613 ¹

KL/R > 200 (C) - 152

¹ P_u / φP_n controls

Top Girt Design Data (Compression)

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job 155990.001.01 - HRT 087 843325, CT (BU# 806383)	Page 24 of 25
	Project	Date 20:47:48 09/08/21
	Client Crown Castle	Designed by Sahana

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T1	140 - 120	L2x2x1/8	6'6-1/4"	6'1-3/8"	184.6 K=1.00	0.484	-0.316	4.070	0.078 ¹ ✓
T2	120 - 100	L2x2x1/8	6'6-3/4"	6'1-3/8"	184.6 K=1.00	0.484	-0.683	4.070	0.168 ¹ ✓

¹ P_u / φP_n controls

Tension Checks

Leg Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T1	140 - 120	ROHN 2 STD	20'	4'	61.0	1.075	10.088	48.354	0.209 ¹ ✓
T2	120 - 100	ROHN 2.5 EH	20'13/32"	5'3/32"	65.0	2.254	29.514	101.409	0.291 ¹ ✓
T3	100 - 80	ROHN 3 EH	20'13/32"	6'8-1/8"	70.5	3.016	49.377	135.717	0.364 ¹ ✓
T4	80 - 60	ROHN 3.5 EH	20'13/32"	6'8-1/8"	61.3	3.678	68.232	165.529	0.412 ¹ ✓
T5	60 - 40	ROHN 4 X-STR	20'7/16"	6'8-5/32'	54.3	4.407	85.447	198.335	0.431 ¹ ✓
T6	40 - 20	ROHN 5 EH	20'13/32"	10'7/32"	65.4	6.112	100.682	275.039	0.366 ¹ ✓
T7	20 - 0	ROHN 5 X-STR	20'13/32"	10'7/32"	65.4	6.112	116.451	275.039	0.423 ¹ ✓

¹ P_u / φP_n controls

Diagonal Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T1	140 - 120	L1 3/4x1 3/4x3/16	7'8-3/16"	3'7-15/32"	83.3	0.378	2.595	16.440	0.158 ¹ ✓
T2	120 - 100	L1 3/4x1 3/4x3/16	9'8-25/32"	4'9-1/4"	109.0	0.378	3.005	16.440	0.183 ¹ ✓
T3	100 - 80	L2x2x3/16	11'8-15/32"	5'9-3/8"	114.5	0.448	3.767	19.504	0.193 ¹ ✓
T4	80 - 60	L2 1/2x2 1/2x3/16	14'9/32"	6'10-15/16"	108.2	0.589	3.983	25.605	0.156 ¹ ✓
T5	60 - 40	L3x3x3/16	15'10-21/32"	7'9-29/32"	101.3	0.730	4.275	31.738	0.135 ¹ ✓
T6	40 - 20	L3x3x3/16	19'1-3/1"	9'5-3/8"	122.3	0.712	5.022	30.973	0.162 ¹ ✓

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job 155990.001.01 - HRT 087 843325, CT (BU# 806383)	Page 25 of 25
	Project	Date 20:47:48 09/08/21
	Client Crown Castle	Designed by Sahana

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T7	20 - 0	L3x3x1/4	20'9-31/32"	10'3-23/32"	134.7	0.939	5.377	45.794	0.117 ¹ ✓ ✓

¹ P_u / φP_n controls

Top Girt Design Data (Tension)

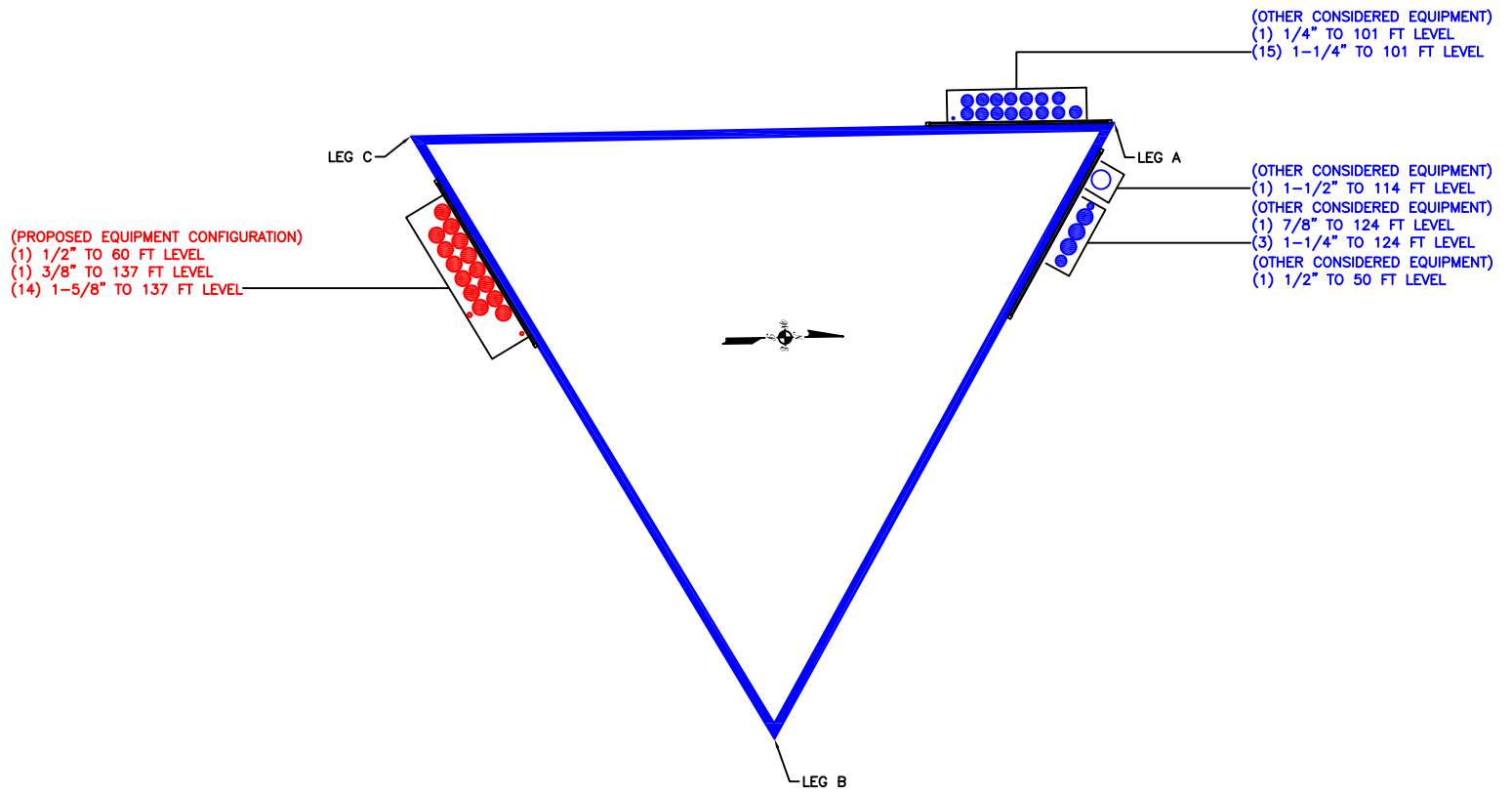
Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T1	140 - 120	L2x2x1/8	6'6-1/4"	6'1-3/8"	121.2	0.305	0.349	13.254	0.026 ¹ ✓
T2	120 - 100	L2x2x1/8	6'6-3/4"	6'1-3/8"	121.2	0.305	0.683	13.254	0.052 ¹ ✓

¹ P_u / φP_n controls

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	φP _{allow} K	% Capacity	Pass Fail	
T1	140 - 120	Leg	ROHN 2 STD	3	-15.802	38.684	40.8	Pass	
T2	120 - 100	Leg	ROHN 2.5 EH	39	-39.358	78.149	50.4	Pass	
T3	100 - 80	Leg	ROHN 3 EH	69	-61.899	99.059	62.5	Pass	
T4	80 - 60	Leg	ROHN 3.5 EH	90	-83.729	132.012	63.4	Pass	
T5	60 - 40	Leg	ROHN 4 X-STR	111	-104.369	167.898	62.2	Pass	
T6	40 - 20	Leg	ROHN 5 EH	132	-122.789	211.314	58.1	Pass	
T7	20 - 0	Leg	ROHN 5 X-STR	147	-142.340	211.314	67.4	Pass	
T1	140 - 120	Diagonal	L1 3/4x1 3/4x3/16	12	-2.716	11.646	23.3	Pass	
T2	120 - 100	Diagonal	L1 3/4x1 3/4x3/16	47	-2.988	6.716	44.5	Pass	
T3	100 - 80	Diagonal	L2x2x3/16	74	-3.813	6.312	60.4	Pass	
T4	80 - 60	Diagonal	L2 1/2x2 1/2x3/16	95	-4.044	9.655	41.9	Pass	
T5	60 - 40	Diagonal	L3x3x3/16	116	-4.317	13.193	32.7	Pass	
T6	40 - 20	Diagonal	L3x3x3/16	137	-5.301	9.055	58.5	Pass	
T7	20 - 0	Diagonal	L3x3x1/4	152	-5.784	9.907	58.4	Pass	
T1	140 - 120	Top Girt	L2x2x1/8	4	-0.316	4.273	7.4	Pass	
T2	120 - 100	Top Girt	L2x2x1/8	41	-0.683	4.273	16.0	Pass	
							Summary		
							Leg (T7)	67.4	Pass
							Diagonal (T3)	60.4	Pass
							Top Girt (T2)	16.0	Pass
							Bolt Checks	65.7	Pass
							RATING =	67.4	Pass

APPENDIX B
BASE LEVEL DRAWING



BUSINESS UNIT: 806383

APPENDIX C
ADDITIONAL CALCULATIONS

Self Support Anchor Rod Capacity



Site Info	
BU #	806383
Site Name	HRT 087 943325, CT
Order #	586108 Rev. 1

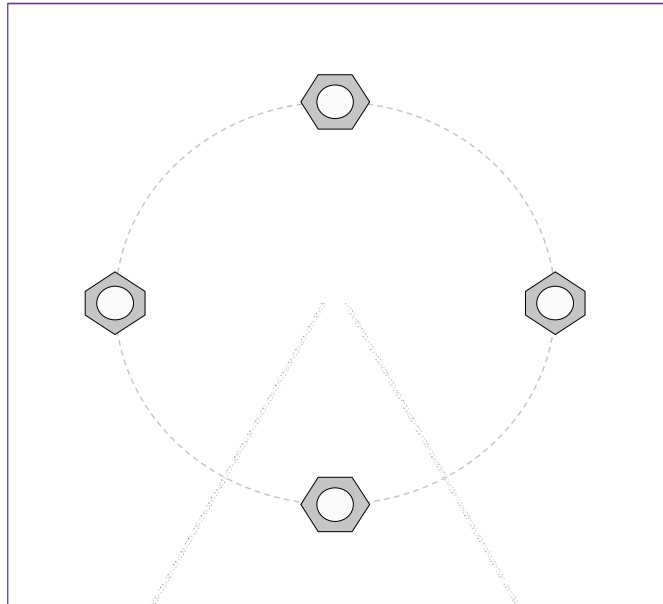
Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	Yes
I_{ar} (in)	0

Applied Loads		
	Comp.	Uplift
Axial Force (kips)	147.00	120.00
Shear Force (kips)	16.00	14.00

*TIA-222-H Section 15.5 Applied

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

*Anchor Rod Eccentricity Applied



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

Anchor Rod Data	
(4) 1" ϕ bolts (A449 N; $F_y=92$ ksi, $F_u=120$ ksi)	
I_{ar} (in):	0

Anchor Rod Summary		(units of kips, kip-in)
$P_{u,t} = 30$	$\phi P_{n,t} = 54.54$	Stress Rating
$V_u = 3.5$	$\phi V_n = 35.34$	52.4%
$M_u = n/a$	$\phi M_n = n/a$	Pass

Pier and Pad Foundation



BU #: 806383
Site Name: HRT 087 943325, C
App. Number: 586108 Rev. 1

TIA-222 Revision: H
Tower Type: Self Support

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

Superstructure Analysis Reactions		
Compression, P_{comp} :	147	kips
Compression Shear, V_{u_comp} :	16	kips
Uplift, P_{uplift} :	120	kips
Uplift Shear, V_{u_uplift} :	14	kips
Tower Height, H :	140	ft
Base Face Width, BW :	18.770833	ft
BP Dist. Above Fdn, bp_{dist} :	1	in

Foundation Analysis Checks				
	Capacity	Demand	Rating*	Check
<i>Uplift (kips)</i>	234.38	120.00	48.8%	Pass
<i>Lateral (Sliding) (kips)</i>	98.58	14.00	13.5%	Pass
<i>Bearing Pressure (ksf)</i>	13.08	4.89	35.6%	Pass
<i>Pier Flexure (Comp.) (kip*ft)</i>	823.47	176.00	20.4%	Pass
<i>Pier Flexure (Tension) (kip*ft)</i>	629.54	154.00	23.3%	Pass
<i>Pier Compression (kip)</i>	1727.31	161.00	8.9%	Pass
<i>Pad Flexure (kip*ft)</i>	307.01	43.07	13.4%	Pass
<i>Pad Shear - 1-way (kips)</i>	137.16	7.40	5.1%	Pass
<i>Pad Shear - 2-way (Comp) (ksi)</i>	0.164	0.026	15.3%	Pass
<i>Flexural 2-way (Comp) (kip*ft)</i>	614.02	105.60	16.4%	Pass
<i>Pad Shear - 2-way (Uplift) (ksi)</i>	0.164	0.043	24.7%	Pass
<i>Flexural 2-way (Tension) (kip*ft)</i>	614.02	92.40	14.3%	Pass

*Rating per TIA-222-H Section 15.5

Structural Rating*:	24.7%
Soil Rating*:	48.8%

Pier Properties		
Pier Shape:	Circular	
Pier Diameter, $dpier$:	3	ft
Ext. Above Grade, E :	0.5	ft
Pier Rebar Size, Sc :	8	
Pier Rebar Quantity, mc :	16	
Pier Tie/Spiral Size, St :	3	
Pier Tie/Spiral Quantity, mt :	12	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, cc_{pier} :	3	in

Pad Properties		
Depth, D :	12.5	ft
Pad Width, W_1 :	7	ft
Pad Thickness, T :	2	ft
Pad Rebar Size (Bottom dir. 2), Sp_2 :	6	
Pad Rebar Quantity (Bottom dir. 2), mp_2 :	8	
Pad Clear Cover, cc_{pad} :	3	in

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

Soil Properties		
Total Soil Unit Weight, γ :	115	pcf
Ultimate Net Bearing, Q_{net} :	16.000	ksf
Cohesion, C_u :	0.000	ksf
Friction Angle, ϕ :	35	degrees
SPT Blow Count, N_{blows} :	100	
Base Friction, μ :		
Neglected Depth, N :	3.33	ft
Foundation Bearing on Rock?	No	
Groundwater Depth, gw :	N/A	ft

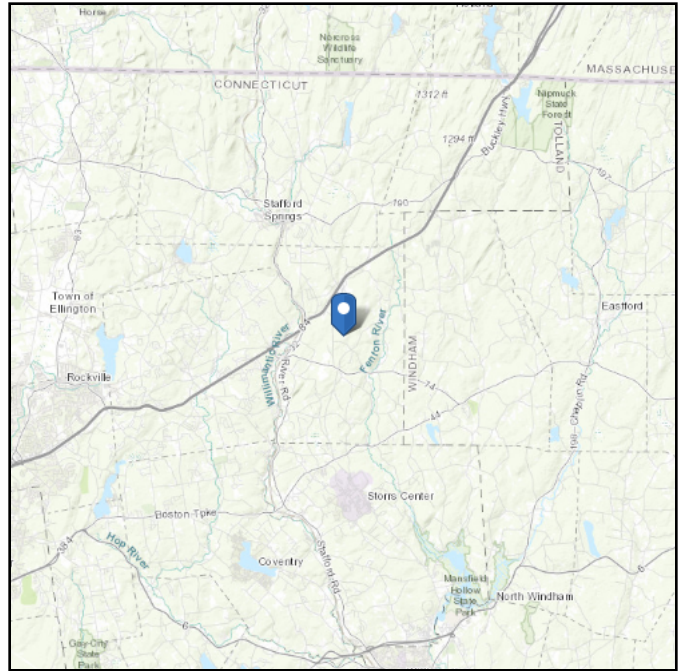
--Toggle between Gross and Net

ASCE 7 Hazards Report

Address:
No Address at This Location

Standard: ASCE/SEI 7-16
Risk Category: II
Soil Class: D - Default (see Section 11.4.3)

Elevation: 933.47 ft (NAVD 88)
Latitude: 41.892478
Longitude: -72.260597



Wind

Results:

Wind Speed:	118 Vmph
10-year MRI	75 Vmph
25-year MRI	84 Vmph
50-year MRI	90 Vmph
100-year MRI	98 Vmph

Data Source: ASCE/SEI 7-16, Fig. 26.5-1B and Figs. CC.2-1–CC.2-4, and Section 26.5.2
Date Accessed: Tue Sep 07 2021

Value provided is 3-second gust wind speeds at 33 ft above ground for Exposure C Category, based on linear interpolation between contours. Wind speeds are interpolated in accordance with the 7-16 Standard. Wind speeds correspond to approximately a 7% probability of exceedance in 50 years (annual exceedance probability = 0.00143, MRI = 700 years).

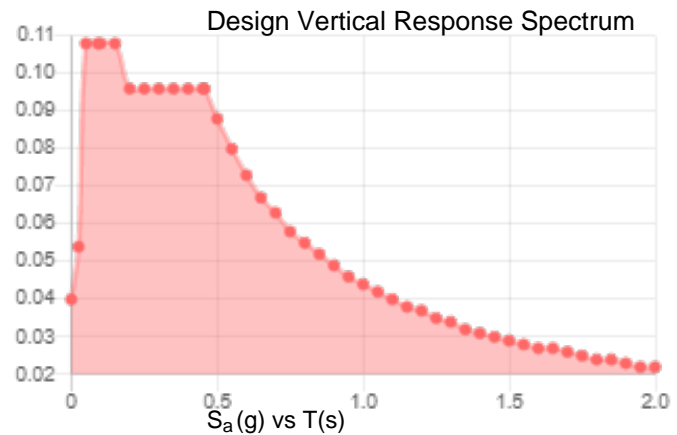
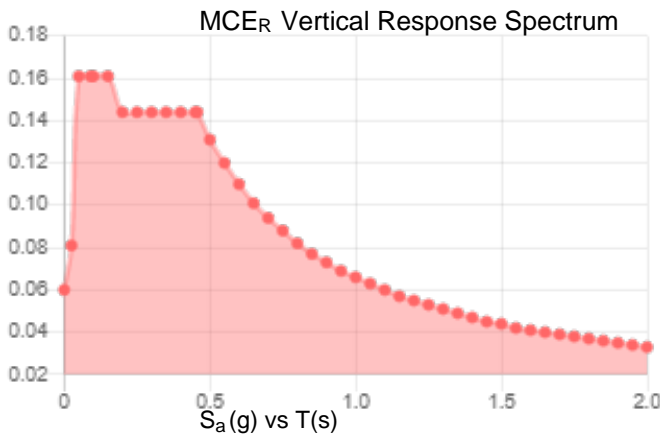
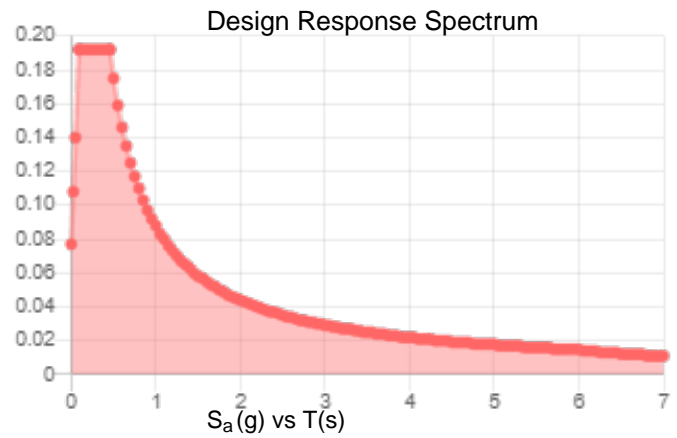
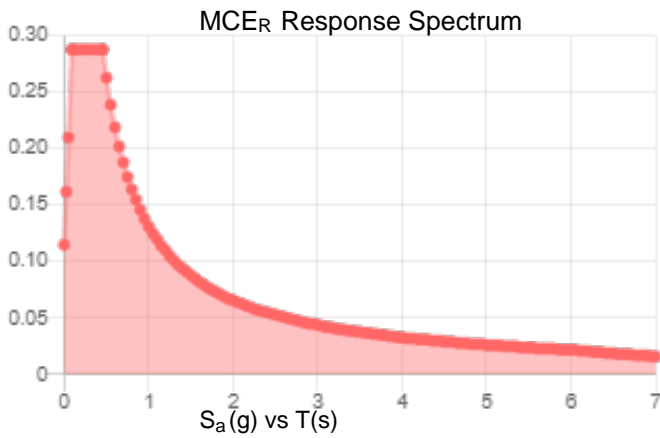
Site is in a hurricane-prone region as defined in ASCE/SEI 7-16 Section 26.2. Glazed openings need not be protected against wind-borne debris.

Site Soil Class: D - Default (see Section 11.4.3)

Results:

S_s :	0.18	S_{D1} :	0.088
S_1 :	0.055	T_L :	6
F_a :	1.6	PGA :	0.096
F_v :	2.4	PGA _M :	0.153
S_{MS} :	0.288	F_{PGA} :	1.6
S_{M1} :	0.131	I_e :	1
S_{DS} :	0.192	C_v :	0.7

Seismic Design Category B



Data Accessed:

Tue Sep 07 2021

Date Source:

USGS Seismic Design Maps based on ASCE/SEI 7-16 and ASCE/SEI 7-16 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with ASCE/SEI 7-16 Ch. 21 are available from USGS.

Ice

Results:

Ice Thickness: 1.50 in.

Concurrent Temperature: 5 F

Gust Speed: 50 mph

Data Source: Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8

Date Accessed: Tue Sep 07 2021

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

Values provided are equivalent radial ice thicknesses due to freezing rain with concurrent 3-second gust speeds, for a 500-year mean recurrence interval, and temperatures concurrent with ice thicknesses due to freezing rain. Thicknesses for ice accretions caused by other sources shall be obtained from local meteorological studies. Ice thicknesses in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

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

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

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

Exhibit E

Mount Analysis



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

Antenna Mount Analysis Report and PMI Requirements

Mount Analysis

SMART Tool Project #: 10039630
Maser Consulting Connecticut Project #: 21777140A

September 13, 2021

Site Information

Site ID: 468905-VZW / WILLINGTON CT
Site Name: WILLINGTON CT
Carrier Name: Verizon Wireless
Address: 56 Cosgrove Rd
Willington, Connecticut 06279
Tolland County
Latitude: 41.892472°
Longitude: -72.260583°

Structure Information

Tower Type: 143-Ft Self Support
Mount Type: 15.00-Ft Integrated Sector Frame

FUZE ID # 16272165

Analysis Results

Integrated Sector Frame: 89.1% Pass

***Contractor PMI Requirements:

Included at the end of this MA report

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

Contractor - Please Review Specific Site PMI Requirements Upon Award

Requirements may also be Noted on A & E drawings

For additional questions and support, please reach out to:

pmisupport@colliersengineering.com

Report Prepared By: Andy Hanes



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: 325146, dated August 30, 2021</i>
<i>Mount Mapping Report</i>	<i>Hudson Design Group, LLC, Site ID: 468905, dated March 25, 2021</i>

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT} : 118 mph Ice Wind Speed (3-sec. Gust): 50 mph Design Ice Thickness: 1.50 in Risk Category: II Exposure Category: B Topographic Category: 1 Topographic Feature Considered: N/A Topographic Method: N/A Ground Elevation Factor, K_e : 0.967
Seismic Parameters:	S_s : 0.180 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
137.00	138.00	6	Commscope	NHH-65B-R2B	Added
		3	Samsung	MT6407-77A	
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4440d-13A	
		3	Andrew	LNx-8513DS-A1M	Retained
		2	Raycap	OVP-6*	

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

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 and field observations. 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 in accordance with the NSTD-446 Standard, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer’s specifications.
4. All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.

5. The mount was checked up to, and including, the bolts that fasten it to the mount collar/attachment and threaded rod connections in collar members if applicable. Local deformation and interaction between the mount collar/attachment and the supporting tower structure are outside the scope of this analysis.
6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. Maser Consulting Connecticut is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.
7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:
 - 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
Connection Check	13.6 %	Pass
Face Horizontal	39.0 %	Pass
Standoff Vertical	44.0 %	Pass
Standoff Horizontal	62.0 %	Pass
Standoff Plate	89.1 %	Pass
Bracing Plates	29.0 %	Pass
Standoff Bracing	50.0 %	Pass
Mount Pipe	28.0 %	Pass
Tie Back	13.0 %	Pass

Structure Rating – (Controlling Utilization of all Components)	89.1%
---	--------------

Recommendation:


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

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

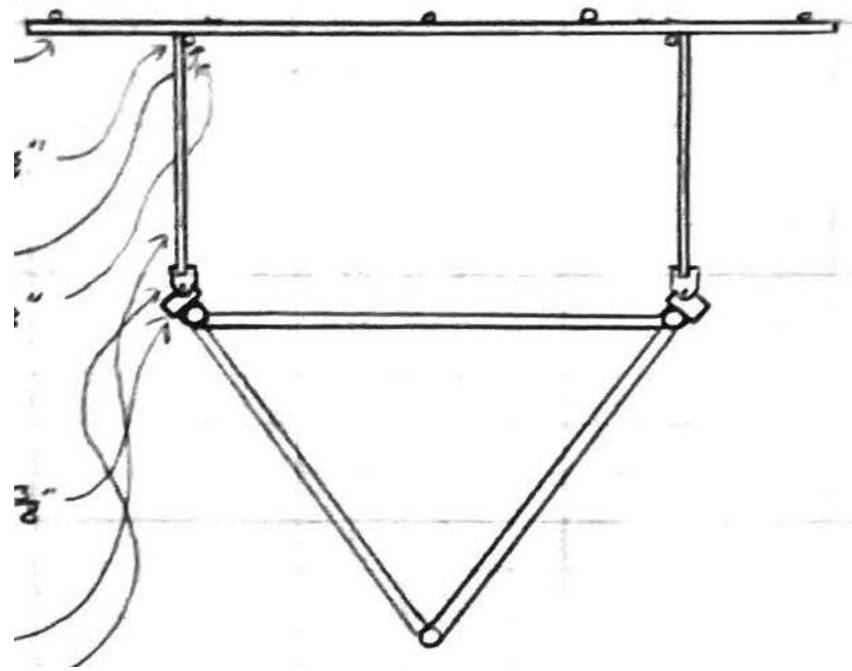
Attachments:

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

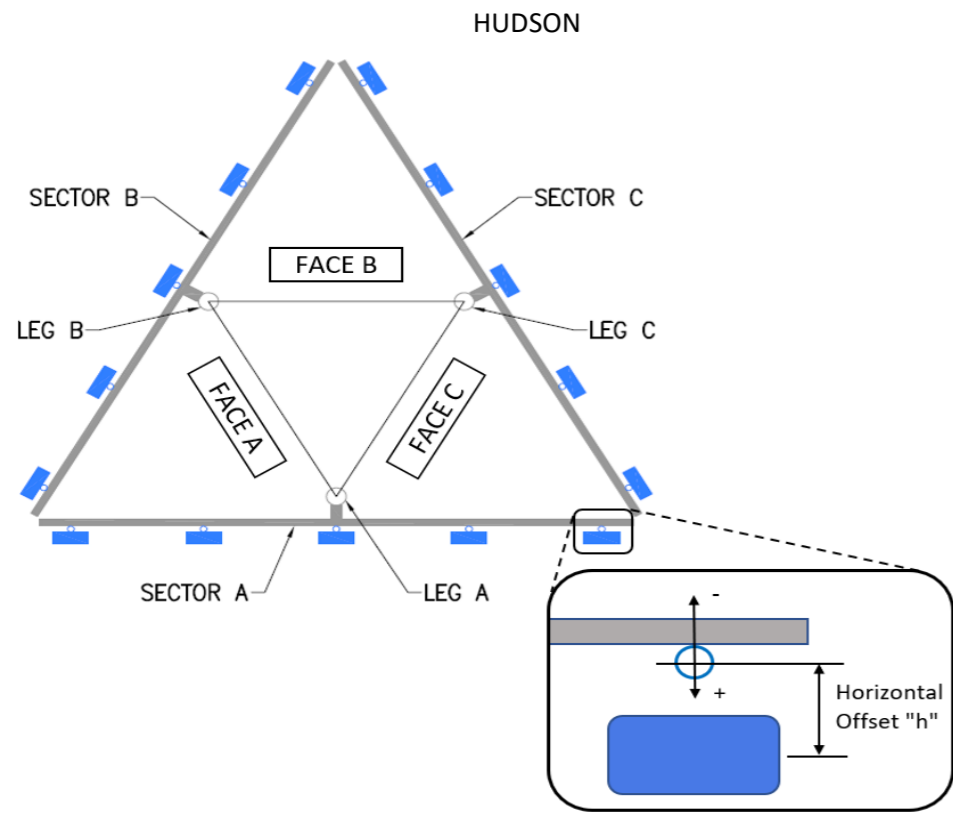


	Antenna Mount Mapping Form (PATENT PENDING)			FCC #
	Tower Owner:	CROWN CASTLE	Mapping Date:	3/25/2021
	Site Name:	WILLINGTON CT	Tower Type:	Self Support
	Site Number or ID:	468905	Tower Height (Ft.):	142.58
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	Mount Elevation (Ft.):	139.5	

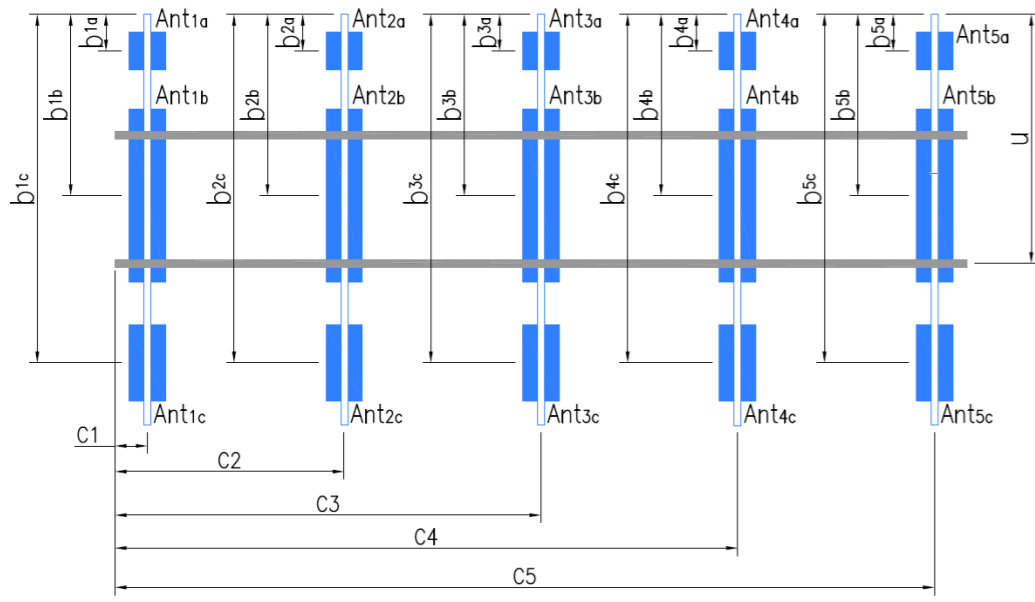
This antenna mapping form is the property of TES and under **PATENT PENDING**. The formation contained herein is considered confidential in nature and is to be used only for the specific customer it was intended for. Reproduction, transmission, publication, modification or disclosure by any method is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



Mount Pipe Configuration and Geometries [Unit = Inches]								
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	
A1	2" STD. PIPE X 61" LONG	54.00	2.00	C1	2" STD. PIPE X 61" LONG	54.00	2.00	
A2	2" STD. PIPE X 84" LONG	78.00	89.00	C2	2" STD. PIPE X 84" LONG	78.00	89.00	
A3	2" STD. PIPE X 84" LONG	76.00	135.00	C3	2" STD. PIPE X 84" LONG	76.00	135.00	
A4	2" STD. PIPE X 61" LONG	54.00	174.00	C4	2" STD. PIPE X 61" LONG	54.00	174.00	
A5				C5				
A6				C6				
B1	2" STD. PIPE X 61" LONG	54.00	2.00	D1				
B2	2" STD. PIPE X 84" LONG	78.00	89.00	D2				
B3	2" STD. PIPE X 84" LONG	76.00	135.00	D3				
B4	2" STD. PIPE X 61" LONG	54.00	174.00	D4				
B5				D5				
B6				D6				
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :							12.00	
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :								
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :								
Please enter additional information or comments below.								
Tower Face Width at Mount Elev. (ft.):		6.66	Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):		2.375			

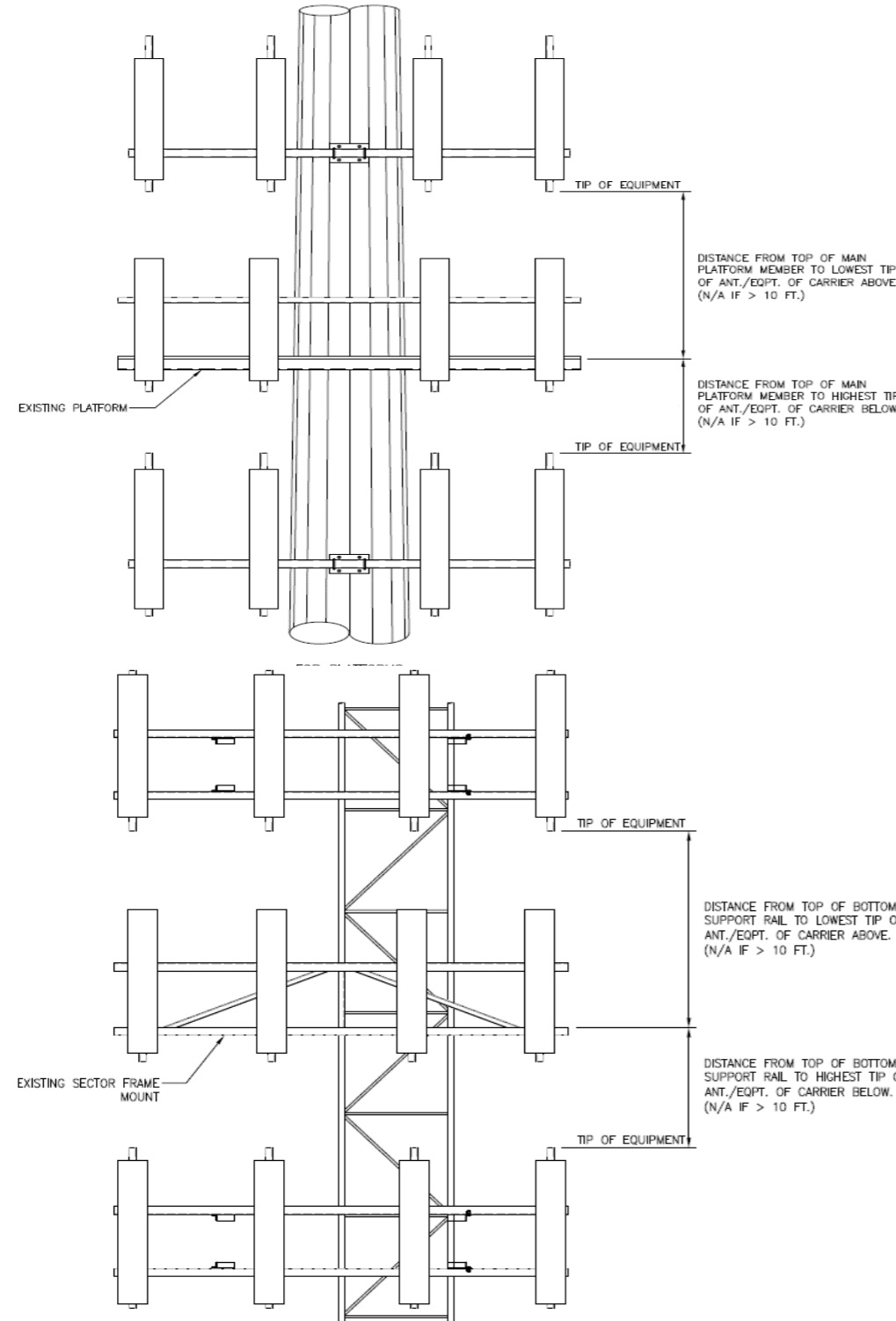


Ants. Items	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances "b _{1a} , b _{2a} , b _{3a} , b _{1b} ..." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	
Sector A										
Ant _{1a}	B4 RRH 2X60	11.00	5.50	36.00		140.417	31.00	-7.00		11,68
Ant _{1b}	HBXX-6517DS-A2M	12.00	6.50	75.00		140.667	28.00	9.50	45.00	11,17
Ant _{1c}	RFS DIPLXER					138	60.00			11
Ant _{2a}										
Ant _{2b}	LNx-8513DS-A1M	12.00	7.50	73.00		142.25	33.00	8.50	45.00	11,18
Ant _{2c}										
Ant _{3a}										
Ant _{3b}	HBXX-6517DS-A2M	12.00	6.50	75.00		141.667	38.00	9.50	45.00	12,19
Ant _{3c}										
Ant _{4a}										
Ant _{4b}	LNx-8513DS-A1M	12.00	7.50	73.00		140.667	28.00	9.50	45.00	12,20
Ant _{4c}	RFS DIPLXER					138	60.00			12
Ant _{5a}										
Ant _{5b}										
Ant _{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower	OVP	15.00	10.00	28.00						8,9,10
Ant on Tower										



Antenna Layout (Looking Out From Tower)

Mount Azimuth (Degree) for Each Sector			Tower Leg Azimuth (Degree) for Each Sector			Sector B										
Sector A:	45.00	Deg	Leg A:	345.00	Deg	Ant _{1a}	B4 RRH 2X60	11.00	5.50	36.00		140.417	31.00	-7.00		13,68
Sector B:	165.00	Deg	Leg B:	105.00	Deg	Ant _{1b}	HBXX-6517DS-A2M	12.00	6.50	75.00		140.667	28.00	9.50	165.00	13,17
Sector C:	285.00	Deg	Leg C:	225.00	Deg	Ant _{1c}	RFS DIPIEXER					138	60.00			13
Sector D:		Deg	Leg D:		Deg	Ant _{2a}										
Climbing Facility Information						Ant _{2b}	LNX-8513DS-A1M	12.00	7.50	73.00		142.25	33.00	8.50	165.00	13,18
Location:	225.00	Deg	On Leg C			Ant _{2c}										
Climbing Facility	Corrosion Type:		Good condition.			Ant _{3a}										
	Access:		Climbing path was unobstructed.			Ant _{3b}	HBXX-6517DS-A2M	12.00	6.50	75.00		141.667	38.00	9.50	165.00	14,19
	Condition:		Good condition.			Ant _{3c}										
						Ant _{4a}										
						Ant _{4b}	LNX-8513DS-A1M	12.00	7.50	73.00		140.667	28.00	9.50	165.00	14,20
						Ant _{4c}	RFS DIPIEXER					138	60.00			14
						Ant _{5a}										
						Ant _{5b}										
						Ant _{5c}										
						Ant on Standoff										
						Ant on Standoff										
						Ant on Tower	OVP	15.00	10.00	28.00						8,9,10
						Ant on Tower										
						Sector C										
						Ant _{1a}	B4 RRH 2X60	11.00	5.50	36.00		140.417	31.00	-7.00		15,68
						Ant _{1b}	HBXX-6517DS-A2M	12.00	6.50	75.00		140.667	28.00	9.50	285.00	15,17
						Ant _{1c}	RFS DIPIEXER					138	60.00			15
						Ant _{2a}										
						Ant _{2b}	LNX-8513DS-A1M	12.00	7.50	73.00		142.25	33.00	8.50	285.00	16,18
						Ant _{2c}										
						Ant _{3a}										
						Ant _{3b}	HBXX-6517DS-A2M	12.00	6.50	75.00		141.667	38.00	9.50	285.00	16,19
						Ant _{3c}										
						Ant _{4a}										
						Ant _{4b}	LNX-8513DS-A1M	12.00	7.50	73.00		140.667	28.00	9.50	285.00	16,20
						Ant _{4c}	RFS DIPIEXER					138	60.00			16
						Ant _{5a}										
						Ant _{5b}										
						Ant _{5c}										
						Ant on Standoff										
						Ant on Standoff										
						Ant on Tower										
						Ant on Tower										
						Sector D										
						Ant _{1a}										
						Ant _{1b}										
						Ant _{1c}										
						Ant _{2a}										
						Ant _{2b}										
						Ant _{2c}										
						Ant _{3a}										
						Ant _{3b}										
						Ant _{3c}										
						Ant _{4a}										
						Ant _{4b}										
						Ant _{4c}										
						Ant _{5a}										
						Ant _{5b}										
						Ant _{5c}										
						Ant on Standoff										
						Ant on Standoff										
						Ant on Tower										
						Ant on Tower										



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

1		
2	(12) 1-5/8"Ø COAX, (2) 1-1/4"Ø HYBRIDS, (1) 1/2"Ø CABLES	92-98
3		
4		
5		
6		
7		
8		

Mapping Notes

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

Standard Conditions

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



Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	CROWN CASTLE	Mapping Date:	3/25/2021
Site Name:	WILLINGTON CT	Tower Type:	Self Support
Site Number or ID:	468905	Tower Height (Ft.):	142.58
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	Mount Elevation (Ft.):	139.5

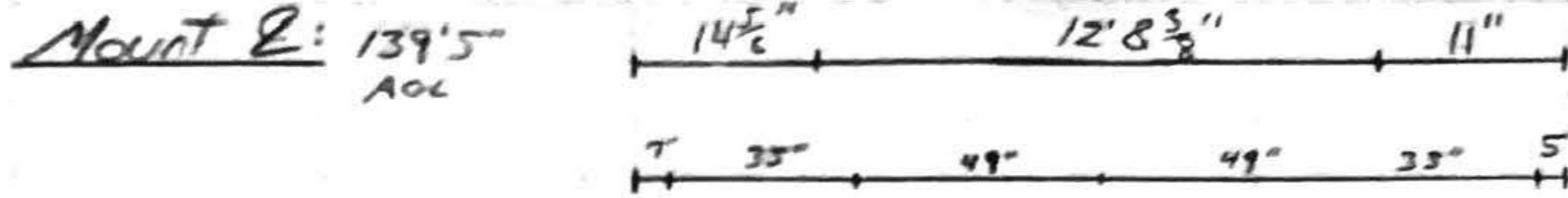
This antenna mapping form is the property of TES and under PATENT PENDING. The formation contained herein is considered confidential in nature and is to be used only for the specific customer it was intended for. Reproduction, transmission, publication, modification or disclosure by any method is prohibited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

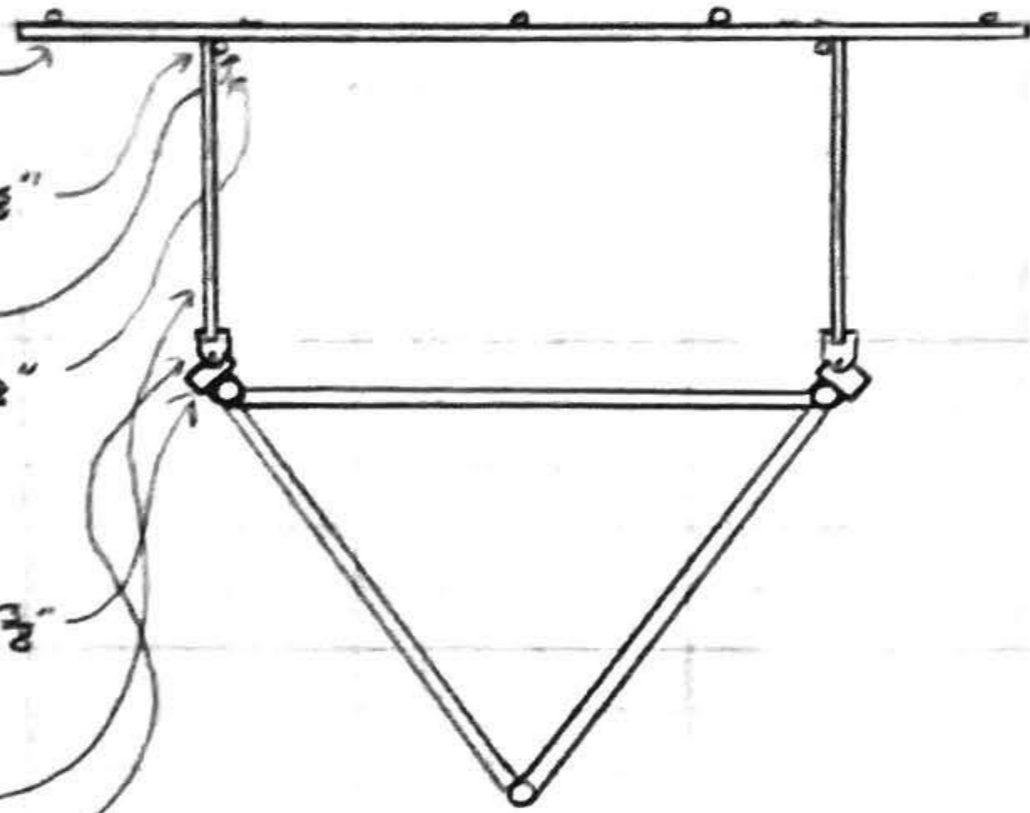
DATE: 3-25-21
 Project Name: Willington CT
 Project No.: _____
 Design By: Josh Chk'd By: _____ Page ____ of ____



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

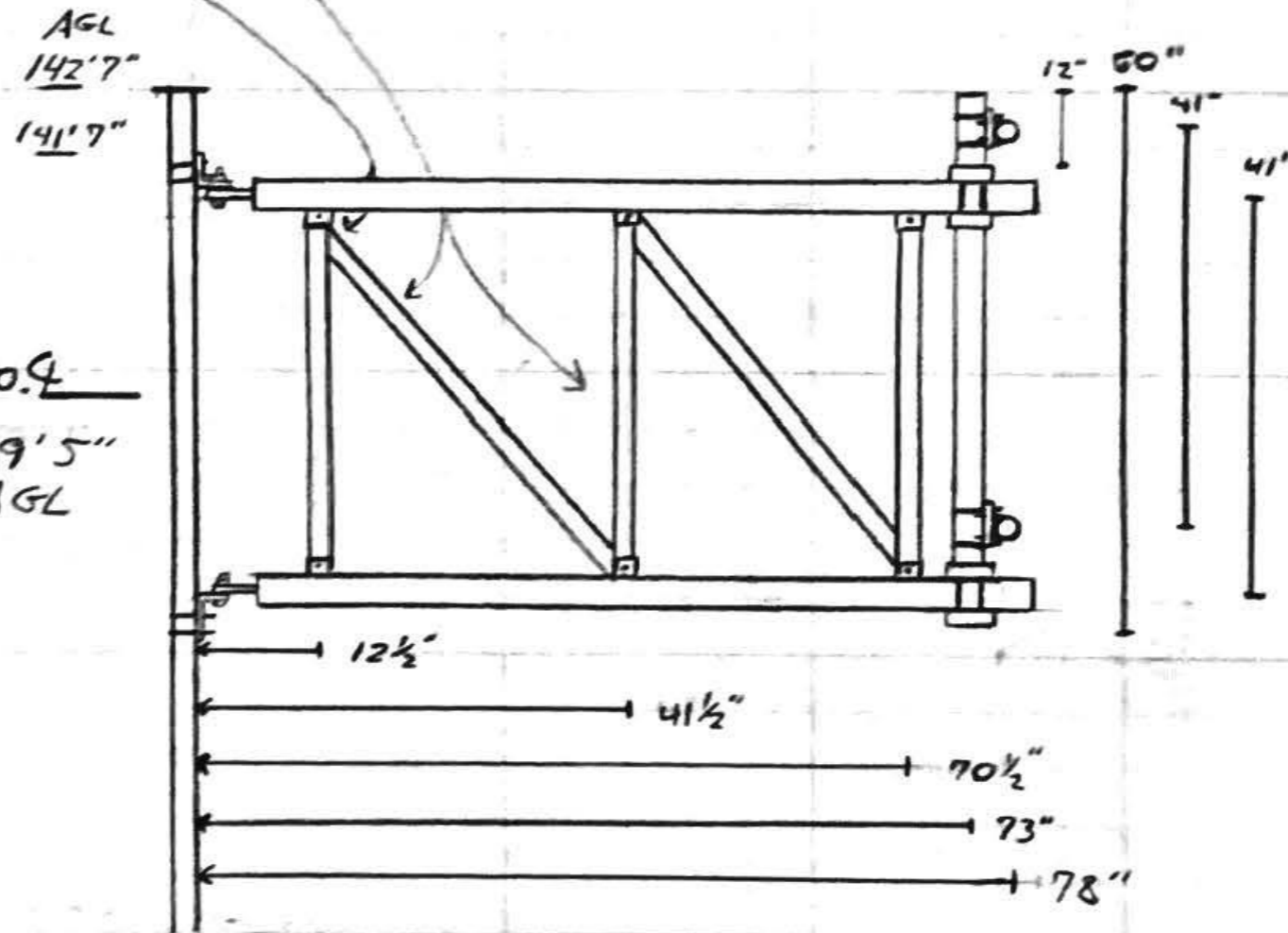


- Mount E: 139'5" AGL
- Ant Pipes: 2 3/8" x 1/8" x 61' = 84"
 - Face Pipes: 2 3/8" x 3/8" x 15'
 - Vert. Sep: 41"
 - Cross over Plates: 7/4" x 6 3/8"
 - Ubolts: 1/2"
 - Vert. Pipe: 2 3/8" x 1/2" x 5'
 - Cross over Plates: 6" x 6 3/8" x 3/8"
 - Ubolts: 1/2"



- Start off E: 139'5"
- Attaching Angle: 4:3 x 6 3/8" x 3/8"
 - Ubolts: 1/2"
 - Bolts: 3/8"
 - Horizontal RM: 2 3/8"
 - End Tabs: 6" x 3 1/2" x 3/8"
 - Vertical Supports: 1 1/2" pressed tubing
 - Bolts: 1/2"
 - Plates: 3 1/2" x 2 3/8" x 3/8"

- Tower Leg: 2 3/8"
- Tower Face: 7/6" Legs
- J.F.F Arms: 3 1/2" see pic

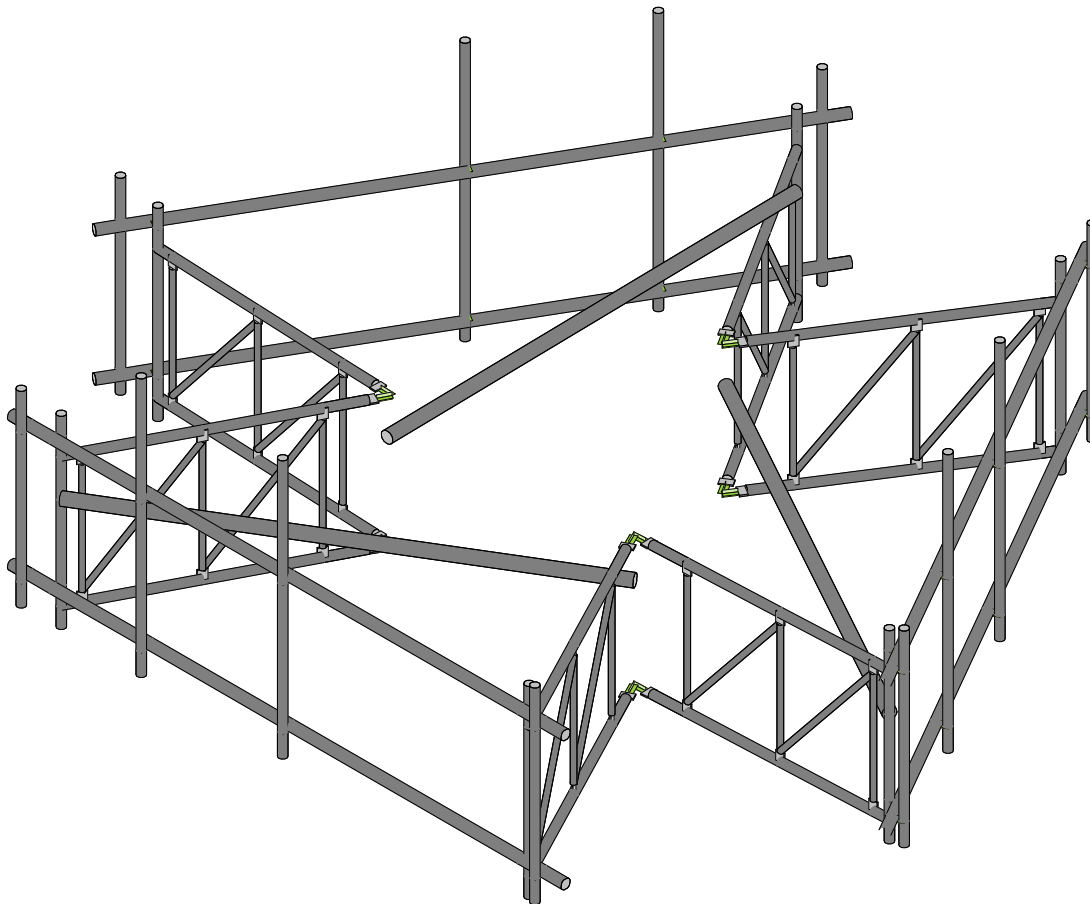
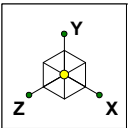


Inventory
 #1 + #3
 HBXX-6517DS-AZM

J.O.G.
 139'5" AGL

#2 + #4
 LNX-8513DS-AIM

- (3) B4 RRH 2x60-UR (#P1)
- (6) RFS Diplexer (on vertical mount pipe 5')
- (2) OVP (Mounted to Legs)

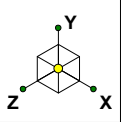


Envelope Only Solution

Maser Consulting

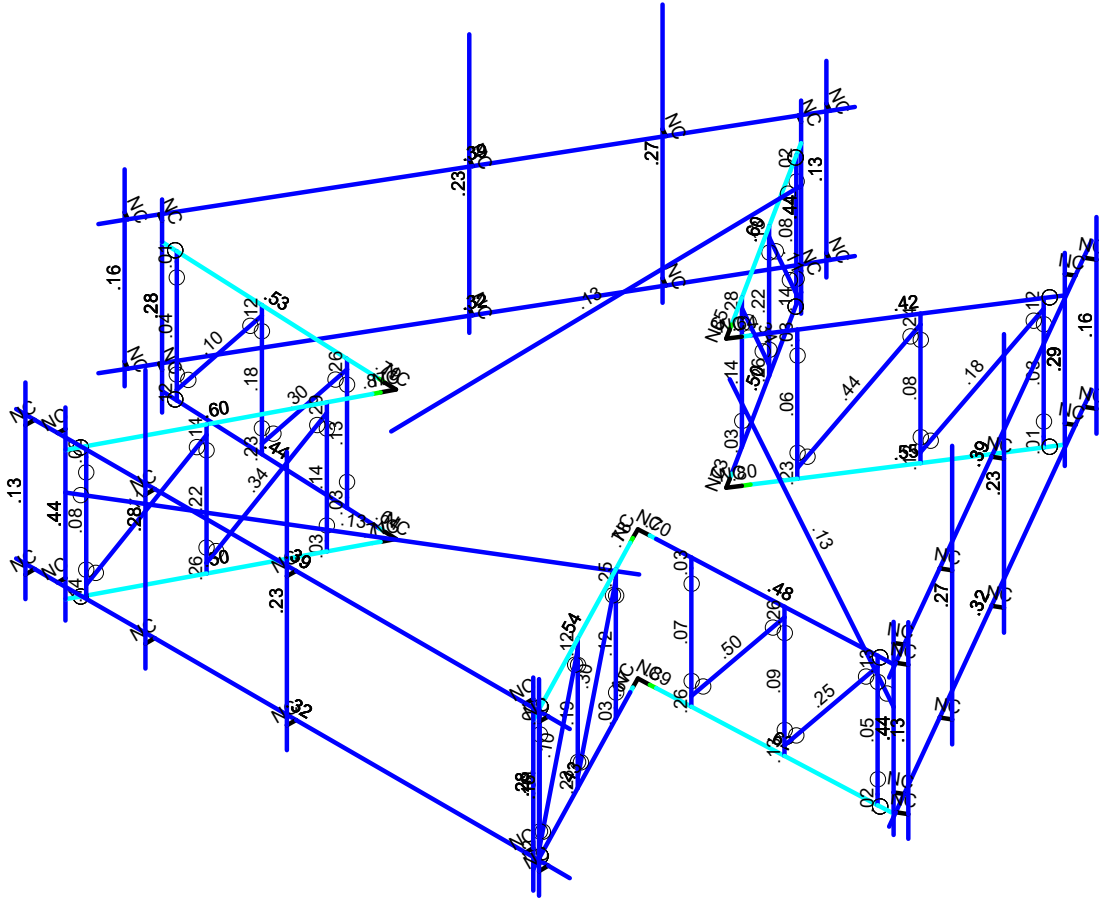
468905-VZW_MT_LO_H

SK - 1
Sept 13, 2021 at 5:39 PM
468905-VZW_MT_LO_H.r3d



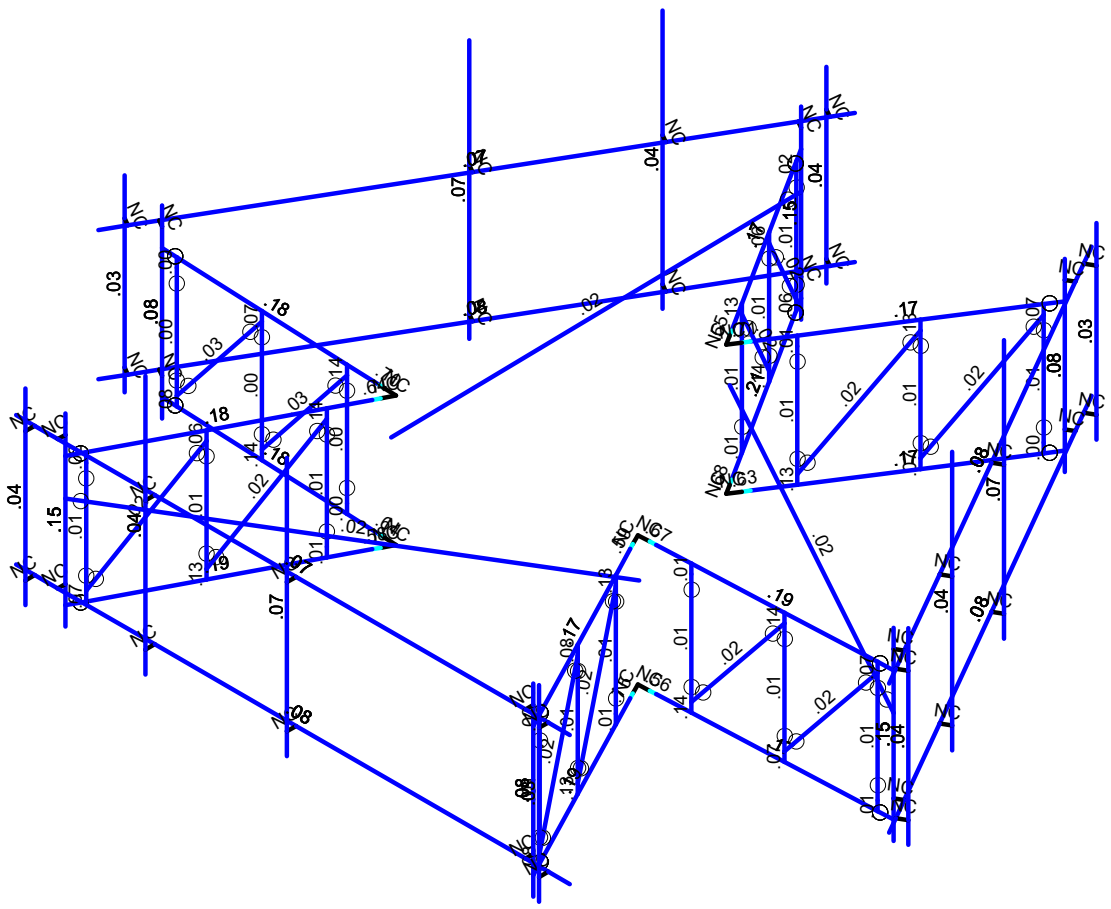
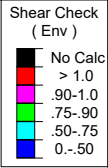
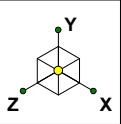
Code Check
(Env)

- No Calc
- > 1.0
- .90-1.0
- .75-.90
- .50-.75
- 0-.50



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting	468905-VZW_MT_LO_H	SK - 2
		Sept 13, 2021 at 5:39 PM
		468905-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting	468905-VZW_MT_LO_H	SK - 3
		Sept 13, 2021 at 5:39 PM
		468905-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					90		
2	Antenna Di	None					90		
3	Antenna Wo (0 Deg)	None					90		
4	Antenna Wo (30 Deg)	None					90		
5	Antenna Wo (60 Deg)	None					90		
6	Antenna Wo (90 Deg)	None					90		
7	Antenna Wo (120 Deg)	None					90		
8	Antenna Wo (150 Deg)	None					90		
9	Antenna Wo (180 Deg)	None					90		
10	Antenna Wo (210 Deg)	None					90		
11	Antenna Wo (240 Deg)	None					90		
12	Antenna Wo (270 Deg)	None					90		
13	Antenna Wo (300 Deg)	None					90		
14	Antenna Wo (330 Deg)	None					90		
15	Antenna Wi (0 Deg)	None					90		
16	Antenna Wi (30 Deg)	None					90		
17	Antenna Wi (60 Deg)	None					90		
18	Antenna Wi (90 Deg)	None					90		
19	Antenna Wi (120 Deg)	None					90		
20	Antenna Wi (150 Deg)	None					90		
21	Antenna Wi (180 Deg)	None					90		
22	Antenna Wi (210 Deg)	None					90		
23	Antenna Wi (240 Deg)	None					90		
24	Antenna Wi (270 Deg)	None					90		
25	Antenna Wi (300 Deg)	None					90		
26	Antenna Wi (330 Deg)	None					90		
27	Antenna Wm (0 Deg)	None					90		
28	Antenna Wm (30 Deg)	None					90		
29	Antenna Wm (60 Deg)	None					90		
30	Antenna Wm (90 Deg)	None					90		
31	Antenna Wm (120 Deg)	None					90		
32	Antenna Wm (150 Deg)	None					90		
33	Antenna Wm (180 Deg)	None					90		
34	Antenna Wm (210 Deg)	None					90		
35	Antenna Wm (240 Deg)	None					90		
36	Antenna Wm (270 Deg)	None					90		
37	Antenna Wm (300 Deg)	None					90		
38	Antenna Wm (330 Deg)	None					90		
39	Structure D	None		-1					
40	Structure Di	None						117	
41	Structure Wo (0 Deg)	None						234	
42	Structure Wo (30 Deg)	None						234	
43	Structure Wo (60 Deg)	None						234	
44	Structure Wo (90 Deg)	None						234	
45	Structure Wo (120 D...	None						234	
46	Structure Wo (150 D...	None						234	
47	Structure Wo (180 D...	None						234	
48	Structure Wo (210 D...	None						234	
49	Structure Wo (240 D...	None						234	
50	Structure Wo (270 D...	None						234	
51	Structure Wo (300 D...	None						234	
52	Structure Wo (330 D...	None						234	
53	Structure Wi (0 Deg)	None						234	
54	Structure Wi (30 Deg)	None						234	
55	Structure Wi (60 Deg)	None						234	
56	Structure Wi (90 Deg)	None						234	



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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						234	
58 Structure Wi (150 De..	None						234	
59 Structure Wi (180 De..	None						234	
60 Structure Wi (210 De..	None						234	
61 Structure Wi (240 De..	None						234	
62 Structure Wi (270 De..	None						234	
63 Structure Wi (300 De..	None						234	
64 Structure Wi (330 De..	None						234	
65 Structure Wm (0 Deg)	None						234	
66 Structure Wm (30 De..	None						234	
67 Structure Wm (60 De..	None						234	
68 Structure Wm (90 De..	None						234	
69 Structure Wm (120 D..	None						234	
70 Structure Wm (150 D..	None						234	
71 Structure Wm (180 D..	None						234	
72 Structure Wm (210 D..	None						234	
73 Structure Wm (240 D..	None						234	
74 Structure Wm (270 D..	None						234	
75 Structure Wm (300 D..	None						234	
76 Structure Wm (330 D..	None						234	
77 Lm1	None					1		
78 Lm2	None					1		
79 Lv1	None					1		
80 Lv2	None					1		

Load Combinations

Description	Sol... P...	S...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	
1 1.2D+1.0Wo (0 D...	Yes	Y	1	1.2	39	1.2	3	1	41	1				
2 1.2D+1.0Wo (30 ...	Yes	Y	1	1.2	39	1.2	4	1	42	1				
3 1.2D+1.0Wo (60 ...	Yes	Y	1	1.2	39	1.2	5	1	43	1				
4 1.2D+1.0Wo (90 ...	Yes	Y	1	1.2	39	1.2	6	1	44	1				
5 1.2D+1.0Wo (120...	Yes	Y	1	1.2	39	1.2	7	1	45	1				
6 1.2D+1.0Wo (150...	Yes	Y	1	1.2	39	1.2	8	1	46	1				
7 1.2D+1.0Wo (180...	Yes	Y	1	1.2	39	1.2	9	1	47	1				
8 1.2D+1.0Wo (210...	Yes	Y	1	1.2	39	1.2	10	1	48	1				
9 1.2D+1.0Wo (240...	Yes	Y	1	1.2	39	1.2	11	1	49	1				
10 1.2D+1.0Wo (270...	Yes	Y	1	1.2	39	1.2	12	1	50	1				
11 1.2D+1.0Wo (300...	Yes	Y	1	1.2	39	1.2	13	1	51	1				
12 1.2D+1.0Wo (330...	Yes	Y	1	1.2	39	1.2	14	1	52	1				
13 1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	15	1	53	1
14 1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	16	1	54	1
15 1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	17	1	55	1
16 1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	18	1	56	1
17 1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	19	1	57	1
18 1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	20	1	58	1
19 1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	21	1	59	1
20 1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	22	1	60	1
21 1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	23	1	61	1
22 1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	24	1	62	1
23 1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	25	1	63	1
24 1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	26	1	64	1
25 1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	27	1	65	1		
26 1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	28	1	66	1		
27 1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	29	1	67	1		
28 1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	30	1	68	1		



Load Combinations (Continued)

Description	Sol...	P...	S...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...
29	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	31	1	69	1	
30	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	32	1	70	1	
31	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	33	1	71	1	
32	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	34	1	72	1	
33	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	35	1	73	1	
34	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	36	1	74	1	
35	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	37	1	75	1	
36	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	38	1	76	1	
37	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	27	1	65	1	
38	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	28	1	66	1	
39	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	29	1	67	1	
40	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	30	1	68	1	
41	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	31	1	69	1	
42	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	32	1	70	1	
43	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	33	1	71	1	
44	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	34	1	72	1	
45	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	35	1	73	1	
46	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	36	1	74	1	
47	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	37	1	75	1	
48	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	38	1	76	1	
49	1.2D + 1.5Lv1	Yes	Y	1	1.2	39	1.2	79	1.5					
50	1.2D + 1.5Lv2	Yes	Y	1	1.2	39	1.2	80	1.5					
51	1.4D	Yes	Y	1	1.4	39	1.4							
52	Seismic Mass		Y	1	1	39	1							
53	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	SX		SY	1	SZ	-1	
54	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	SX	.5	SY	1	SZ	-.866	
55	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5	
56	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	SX	1	SY	1	SZ		
57	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	SX	.866	SY	1	SZ	.5	
58	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	SX	.5	SY	1	SZ	.866	
59	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	SX		SY	1	SZ	1	
60	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866	
61	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	SX	-.866	SY	1	SZ	.5	
62	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	SX	-1	SY	1	SZ		
63	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	SX	-.866	SY	1	SZ	-.5	
64	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	SX	-.5	SY	1	SZ	-.866	

Joint Coordinates and Temperatures

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
1	N73	112.461	1.	55.	0	
2	N74	292.461	1.	55.	0	
3	N77	112.461	-41.	55.	0	
4	N78	292.461	-41.	55.	0	
5	N121A	125.961	1.	55.	0	
6	N122A	125.961	-41.	55.	0	
7	N123B	125.961	1.	52.5	0	
8	N124B	125.961	-41.	52.5	0	
9	N125A	125.961	7.	52.5	0	
10	N124C	125.961	-53.	52.5	0	
11	N2C	125.961	-5.	52.5	0	
12	N126	125.961	-47.	52.5	0	
13	N124A	278.03915	1.	55.	0	
14	N125C	278.03915	-41.	55.	0	
15	N126B	278.03915	1.	52.5	0	
16	N127C	278.03915	-41.	52.5	0	



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
17	N128A	278.03915	7.	52.5	0	
18	N129	278.03915	-53.	52.5	0	
19	N2D	278.03915	-5.	52.5	0	
20	N131A	278.03915	-47.	52.5	0	
21	N131B	160.078081	-5.	-13.16601	0	
22	N133B	243.922069	-5.	-13.16601	0	
23	N129A	161.000164	-5.	-14.940767	0	
24	N131C	242.999986	-5.	-14.940767	0	
25	N133C	128.266208	-5.	48.063107	0	
26	N134A	128.266208	-8.	48.063107	0	
27	N135	128.266208	-44.	48.063107	0	
28	N136	128.266208	-47.	48.063107	0	
29	N138	160.078081	-47.	-13.16601	0	
30	N129B	141.636415	-5.	22.329131	0	
31	N132	141.636415	-8.	22.329131	0	
32	N133	141.636415	-44.	22.329131	0	
33	N134	141.636415	-47.	22.329131	0	
34	N135A	155.006623	-5.	-3.404846	0	
35	N135B	155.006623	-8.	-3.404846	0	
36	N136A	155.006623	-44.	-3.404846	0	
37	N137	155.006623	-47.	-3.404846	0	
38	N126A	161.000164	-47.	-14.940767	0	
39	N127	243.922069	-47.	-13.16601	0	
40	N128	242.999986	-47.	-14.940767	0	
41	N128B	275.733942	-5.	48.063107	0	
42	N130	275.733942	-47.	48.063107	0	
43	N132A	262.363735	-5.	22.329131	0	
44	N132B	275.733942	-8.	48.063107	0	
45	N133D	275.733942	-44.	48.063107	0	
46	N134B	262.363735	-47.	22.329131	0	
47	N135C	248.993527	-5.	-3.404846	0	
48	N136B	262.363735	-8.	22.329131	0	
49	N137A	262.363735	-44.	22.329131	0	
50	N138A	248.993527	-47.	-3.404846	0	
51	N140	248.993527	-8.	-3.404846	0	
52	N141	248.993527	-44.	-3.404846	0	
53	N53	159.000164	-5.	-18.404868	0	
54	N55	159.000164	-47.	-18.404868	0	
55	N55A	202.000075	-5.	-14.940767	0	
56	N62	244.999836	-5.	-18.404868	0	
57	N63	244.999836	-47.	-18.404868	0	
58	N69	202.	-5.	-40.921434	0	
59	N67A	329.839899	1.	-11.339103	0	
60	N68A	239.839899	1.	-167.223675	0	
61	N69A	329.839899	-41.	-11.339103	0	
62	N70	239.839899	-41.	-167.223675	0	
63	N71	323.089899	1.	-23.030445	0	
64	N72	323.089899	-41.	-23.030445	0	
65	N73A	320.924835	1.	-21.780445	0	
66	N74A	320.924835	-41.	-21.780445	0	
67	N75	320.924835	7.	-21.780445	0	
68	N76	320.924835	-53.	-21.780445	0	
69	N7A	320.924835	-5.000004	-21.780445	0	
70	N78A	320.924835	-47.	-21.780445	0	
71	N79	247.050824	1.	-154.733987	0	
72	N80	247.050824	-41.	-154.733987	0	
73	N81	244.88576	1.	-153.483987	0	



Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
74	N82	244.88576	-41.	-153.483987	0	
75	N83	244.88576	7.	-153.483987	0	
76	N84	244.88576	-53.	-153.483987	0	
77	N8A	244.88576	-5.000004	-153.483987	0	
78	N86	244.88576	-47.	-153.483987	0	
79	N87	246.997862	-5.	-18.493699	0	
80	N88	205.075868	-5.	-91.104723	0	
81	N91	315.929769	-5.000004	-21.558368	0	
82	N92	315.929769	-8.	-21.558368	0	
83	N93	315.929769	-44.	-21.558368	0	
84	N94	315.929769	-47.	-21.558368	0	
85	N95	246.997862	-47.	-18.493699	0	
86	N96	286.958388	-5.000004	-20.270319	0	
87	N97	286.958388	-8.	-20.270319	0	
88	N98	286.958388	-44.	-20.270319	0	
89	N99	286.958388	-47.	-20.270319	0	
90	N100	257.987007	-5.000004	-18.98227	0	
91	N101	257.987007	-8.	-18.98227	0	
92	N102	257.987007	-44.	-18.98227	0	
93	N103	257.987007	-47.	-18.98227	0	
94	N105	205.075868	-47.	-91.104723	0	
95	N106	203.999925	-47.	-89.418797	0	
96	N107	242.195903	-5.000004	-149.269172	0	
97	N108	242.195903	-47.	-149.269172	0	
98	N109	226.594729	-5.000004	-124.823244	0	
99	N110	242.195903	-8.	-149.269172	0	
100	N111	242.195903	-44.	-149.269172	0	
101	N112	226.594729	-47.	-124.823244	0	
102	N113	210.993555	-5.000004	-100.377317	0	
103	N114	226.594729	-8.	-124.823244	0	
104	N115	226.594729	-44.	-124.823244	0	
105	N116	210.993555	-47.	-100.377317	0	
106	N117	210.993555	-8.	-100.377317	0	
107	N118	210.993555	-44.	-100.377317	0	
108	N125	201.999962	-47.	-86.284869	0	
109	N126C	200.	-47.	-89.418667	0	
110	N132C	163.699101	1.	-166.4252	0	
111	N133A	73.699101	1.	-10.540627	0	
112	N134C	163.699101	-41.	-166.4252	0	
113	N135D	73.699101	-41.	-10.540627	0	
114	N136C	156.949101	1.	-154.733857	0	
115	N137B	156.949101	-41.	-154.733857	0	
116	N138B	159.114165	1.	-153.483857	0	
117	N139	159.114165	-41.	-153.483857	0	
118	N140A	159.114165	7.	-153.483857	0	
119	N141A	159.114165	-53.	-153.483857	0	
120	N4B	159.114165	-5.000004	-153.483857	0	
121	N143	159.114165	-47.	-153.483857	0	
122	N144	80.910026	1.	-23.030316	0	
123	N145	80.910026	-41.	-23.030316	0	
124	N146	83.07509	1.	-21.780316	0	
125	N147	83.07509	-41.	-21.780316	0	
126	N148	83.07509	7.	-21.780316	0	
127	N149	83.07509	-53.	-21.780316	0	
128	N4A	83.07509	-5.000004	-21.780316	0	
129	N151	83.07509	-47.	-21.780316	0	
130	N152	198.924057	-5.	-91.104594	0	



Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
131	N153	157.002063	-5.	-18.493569	0	
132	N156	161.804022	-5.000004	-149.269042	0	
133	N157	161.804022	-8.	-149.269042	0	
134	N158	161.804022	-44.	-149.269042	0	
135	N159	161.804022	-47.	-149.269042	0	
136	N160	198.924057	-47.	-91.104594	0	
137	N161	177.405196	-5.000004	-124.823114	0	
138	N162	177.405196	-8.	-124.823114	0	
139	N163	177.405196	-44.	-124.823114	0	
140	N164	177.405196	-47.	-124.823114	0	
141	N165	193.00637	-5.000004	-100.377187	0	
142	N166	193.00637	-8.	-100.377187	0	
143	N167	193.00637	-44.	-100.377187	0	
144	N168	193.00637	-47.	-100.377187	0	
145	N170	157.002063	-47.	-18.493569	0	
146	N172	88.070156	-5.000004	-21.558238	0	
147	N173	88.070156	-47.	-21.558238	0	
148	N174	117.041537	-5.000004	-20.270189	0	
149	N175	88.070156	-8.	-21.558238	0	
150	N176	88.070156	-44.	-21.558238	0	
151	N177	117.041537	-47.	-20.270189	0	
152	N178	146.012918	-5.000004	-18.98214	0	
153	N179	117.041537	-8.	-20.270189	0	
154	N180	117.041537	-44.	-20.270189	0	
155	N181	146.012918	-47.	-18.98214	0	
156	N182	146.012918	-8.	-18.98214	0	
157	N183	146.012918	-44.	-18.98214	0	
158	N171	285.461	1.	55.	0	
159	N172A	285.461	-41.	55.	0	
160	N173A	285.461	1.	58.	0	
161	N174A	285.461	-41.	58.	0	
162	N175A	285.461	13.	58.	0	
163	N176A	285.461	-48	58.	0	
164	N177A	118.461	1.	55.	0	
165	N178A	118.461	-41.	55.	0	
166	N179A	118.461	1.	58.	0	
167	N180A	118.461	-41.	58.	0	
168	N181A	118.461	13.	58.	0	
169	N182A	118.461	-48	58.	0	
170	N183A	203.461	1.	55.	0	
171	N184	203.461	-41.	55.	0	
172	N185	203.461	1.	58.	0	
173	N186	203.461	-41.	58.	0	
174	N187	203.461	36	58.	0	
175	N188	203.461	-48	58.	0	
176	N189	157.461	1.	55.	0	
177	N190	157.461	-41.	55.	0	
178	N191	157.461	1.	58.	0	
179	N192	157.461	-41.	58.	0	
180	N193	157.461	36	58.	0	
181	N194	157.461	-48	58.	0	
182	N196	243.339899	1.	-161.161497	0	
183	N197	243.339899	-41.	-161.161497	0	
184	N198	245.937975	1.	-162.661497	0	
185	N199	245.937975	-41.	-162.661497	0	
186	N200	245.937975	13.	-162.661497	0	
187	N201	245.937975	-48	-162.661497	0	



Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
188	N202	326.839899	1.	-16.535255	0	
189	N203	326.839899	-41.	-16.535255	0	
190	N204	329.437975	1.	-18.035255	0	
191	N205	329.437975	-41.	-18.035255	0	
192	N206	329.437975	13.	-18.035255	0	
193	N207	329.437975	-48	-18.035255	0	
194	N208	284.339899	1.	-90.147414	0	
195	N209	284.339899	-41.	-90.147414	0	
196	N210	286.937975	1.	-91.647414	0	
197	N211	286.937975	-41.	-91.647414	0	
198	N212	286.937975	36	-91.647414	0	
199	N213	286.937975	-48	-91.647414	0	
200	N214	307.339899	1.	-50.310246	0	
201	N215	307.339899	-41.	-50.310246	0	
202	N216	309.937975	1.	-51.810246	0	
203	N217	309.937975	-41.	-51.810246	0	
204	N218	309.937975	36	-51.810246	0	
205	N219	309.937975	-48	-51.810246	0	
206	N221	77.199101	1.	-16.602805	0	
207	N222	77.199101	-41.	-16.602805	0	
208	N223	74.601025	1.	-18.102805	0	
209	N224	74.601025	-41.	-18.102805	0	
210	N225	74.601025	13.	-18.102805	0	
211	N226	74.601025	-48	-18.102805	0	
212	N227	160.699101	1.	-161.229047	0	
213	N228	160.699101	-41.	-161.229047	0	
214	N229	158.101025	1.	-162.729047	0	
215	N230	158.101025	-41.	-162.729047	0	
216	N231	158.101025	13.	-162.729047	0	
217	N232	158.101025	-48	-162.729047	0	
218	N233	118.199101	1.	-87.616888	0	
219	N234	118.199101	-41.	-87.616888	0	
220	N235	115.601025	1.	-89.116888	0	
221	N236	115.601025	-41.	-89.116888	0	
222	N237	115.601025	36	-89.116888	0	
223	N238	115.601025	-48	-89.116888	0	
224	N239	141.199101	1.	-127.454057	0	
225	N240	141.199101	-41.	-127.454057	0	
226	N241	138.601025	1.	-128.954057	0	
227	N242	138.601025	-41.	-128.954057	0	
228	N243	138.601025	36	-128.954057	0	
229	N244	138.601025	-48	-128.954057	0	
230	N243A	125.961	-17.	52.5	0	
231	N244A	242.267785	-17.	-17.672817	0	
232	N246	320.924835	-17.	-21.780445	0	
233	N247	202.	-17.	-87.418667	0	
234	N249	159.114165	-17.	-153.483857	0	
235	N250	161.732215	-17.	-17.672817	0	
236	N238B	203.999946	-5.	-89.418784	0	
237	N239A	200.	-5.	-89.418667	0	
238	N239B	201.999962	-5.	-86.284869	0	
239	N241A	162.714132	-47.	-18.239684	0	
240	N245	162.714132	-5.	-18.239684	0	
241	N248	241.285906	-47.	-18.239749	0	
242	N252	241.285906	-5.	-18.239749	0	



Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design Ru...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
2	Standoff Horizo...	PIPE 2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
3	Standoff Vertical	PIPE 2.0	Column	Wide Flange	A53 Gr. B	Typical	1.02	.627	.627	1.25
4	Standoff Bracing	1.5x.06	Column	Pipe	A53 Gr. B	Typical	.271	.07	.07	.141
5	Face Horizontal	PIPE 2.5	Beam	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
6	Tie Back	PIPE 3.0	Beam	Pipe	A53 Gr. B	Typical	2.07	2.85	2.85	5.69
7	Standoff Plate	PL3/8x3.5	Beam	RECT	A36 Gr.36	Typical	1.313	.015	1.34	.057
8	Connection Angle	L4X3X6	Beam	Single Angle	A36 Gr.36	Typical	2.49	1.89	3.94	.123
9	Bracing Plates	PL3/8x2.625	Column	RECT	A36 Gr.36	Typical	.984	.012	.565	.042
10	TES Plates	PL3/8x2.625	Column	RECT	A36 Gr.36	Typical	.984	.012	.565	.042
11	TES Bracing Pi...	1.5x.06	Column	RECT	A36 Gr.36	Typical	.271	.07	.07	.141

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	M51	N73	N74			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
2	M54	N77	N78			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
3	M87B	N121A	N123B			RIGID	None	None	RIGID	Typical
4	M88B	N122A	N124B			RIGID	None	None	RIGID	Typical
5	M89B	N125A	N124C			Standoff Vertical	Column	Wide Flange	A53 Gr. B	Typical
6	M90A	N2C	N131B			Standoff Horiz...	Beam	Pipe	A53 Gr. B	Typical
7	M87A	N124A	N126B			RIGID	None	None	RIGID	Typical
8	M88A	N125C	N127C			RIGID	None	None	RIGID	Typical
9	M89C	N128A	N129			Standoff Vertical	Column	Wide Flange	A53 Gr. B	Typical
10	M90C	N2D	N133B			Standoff Horiz...	Beam	Pipe	A53 Gr. B	Typical
11	M87C	N131B	N129A		90	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
12	M88C	N133B	N131C		90	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
13	M89D	N126	N138			Standoff Horiz...	Beam	Pipe	A53 Gr. B	Typical
14	M90B	N133C	N134A	N2C		Bracing Plates	Column	RECT	A36 Gr.36	Typical
15	M91A	N136	N135	N2C		Bracing Plates	Column	RECT	A36 Gr.36	Typical
16	M92A	N134A	N135			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical
17	M86A	N129B	N132	N2C		Bracing Plates	Column	RECT	A36 Gr.36	Typical
18	M87D	N134	N133	N2C		Bracing Plates	Column	RECT	A36 Gr.36	Typical
19	M87E	N135	N132			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical
20	M88D	N132	N133			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical
21	M89A	N135A	N135B	N2C		Bracing Plates	Column	RECT	A36 Gr.36	Typical
22	M90	N137	N136A	N2C		Bracing Plates	Column	RECT	A36 Gr.36	Typical
23	M91	N133	N135B			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical
24	M92	N135B	N136A			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical
25	M82A	N138	N126A		90	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
26	M83A	N131A	N127			Standoff Horiz...	Beam	Pipe	A53 Gr. B	Typical
27	M84A	N127	N128		90	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
28	M85A	N128B	N132B	N2D		Bracing Plates	Column	RECT	A36 Gr.36	Typical
29	M86B	N130	N133D	N2D		Bracing Plates	Column	RECT	A36 Gr.36	Typical
30	M87F	N132B	N133D			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
31	M88E	N132A	N136B	N2D		Bracing Plates	Column	RECT	A36 Gr.36	Typical
32	M89E	N134B	N137A	N2D		Bracing Plates	Column	RECT	A36 Gr.36	Typical
33	M90D	N136B	N137A			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical
34	M91B	N135C	N140	N2D		Bracing Plates	Column	RECT	A36 Gr.36	Typical
35	M92B	N138A	N141	N2D		Bracing Plates	Column	RECT	A36 Gr.36	Typical
36	M93	N140	N141			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical
37	M94	N136B	N133D			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical
38	M95	N140	N137A			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical
39	M47	N67A	N68A			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
40	M48	N69A	N70			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
41	M49	N71	N73A			RIGID	None	None	RIGID	Typical
42	M50	N72	N74A			RIGID	None	None	RIGID	Typical
43	M51A	N75	N76			Standoff Vertical	Column	Wide Flange	A53 Gr. B	Typical
44	M52	N7A	N87			Standoff Horiz...	Beam	Pipe	A53 Gr. B	Typical
45	M53	N79	N81			RIGID	None	None	RIGID	Typical
46	M54A	N80	N82			RIGID	None	None	RIGID	Typical
47	M55	N83	N84			Standoff Vertical	Column	Wide Flange	A53 Gr. B	Typical
48	M56	N8A	N88			Standoff Horiz...	Beam	Pipe	A53 Gr. B	Typical
49	M57	N87	N62		90	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
50	M58	N88	N238B		90	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
51	M59	N78A	N95			Standoff Horiz...	Beam	Pipe	A53 Gr. B	Typical
52	M60	N91	N92	N7A		Bracing Plates	Column	RECT	A36 Gr.36	Typical
53	M61	N94	N93	N7A		Bracing Plates	Column	RECT	A36 Gr.36	Typical
54	M62	N92	N93			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical
55	M63	N96	N97	N7A		Bracing Plates	Column	RECT	A36 Gr.36	Typical
56	M64	N99	N98	N7A		Bracing Plates	Column	RECT	A36 Gr.36	Typical
57	M65	N98	N92			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical
58	M66	N97	N98			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical
59	M67	N100	N101	N7A		Bracing Plates	Column	RECT	A36 Gr.36	Typical
60	M68	N103	N102	N7A		Bracing Plates	Column	RECT	A36 Gr.36	Typical
61	M69	N102	N97			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical
62	M70	N101	N102			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical
63	M71	N95	N63		90	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
64	M72	N86	N105			Standoff Horiz...	Beam	Pipe	A53 Gr. B	Typical
65	M73	N105	N106		90	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
66	M74	N107	N110	N8A		Bracing Plates	Column	RECT	A36 Gr.36	Typical
67	M75	N108	N111	N8A		Bracing Plates	Column	RECT	A36 Gr.36	Typical
68	M76	N110	N111			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical
69	M77	N109	N114	N8A		Bracing Plates	Column	RECT	A36 Gr.36	Typical
70	M78	N112	N115	N8A		Bracing Plates	Column	RECT	A36 Gr.36	Typical
71	M79	N114	N115			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical
72	M80	N113	N117	N8A		Bracing Plates	Column	RECT	A36 Gr.36	Typical
73	M81	N116	N118	N8A		Bracing Plates	Column	RECT	A36 Gr.36	Typical
74	M82	N117	N118			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical
75	M83	N110	N115			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical
76	M84	N114	N118			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical
77	M93A	N132C	N133A			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
78	M94A	N134C	N135D			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
79	M95A	N136C	N138B			RIGID	None	None	RIGID	Typical
80	M96	N137B	N139			RIGID	None	None	RIGID	Typical
81	M97	N140A	N141A			Standoff Vertical	Column	Wide Flange	A53 Gr. B	Typical
82	M98	N4B	N152			Standoff Horiz...	Beam	Pipe	A53 Gr. B	Typical
83	M99	N144	N146			RIGID	None	None	RIGID	Typical
84	M100	N145	N147			RIGID	None	None	RIGID	Typical
85	M101	N148	N149			Standoff Vertical	Column	Wide Flange	A53 Gr. B	Typical
86	M102	N4A	N153			Standoff Horiz...	Beam	Pipe	A53 Gr. B	Typical
87	M103	N152	N239A		90	Standoff 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
88	M104	N153	N53		90	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
89	M105	N143	N160			Standoff Horiz...	Beam	Pipe	A53 Gr. B	Typical
90	M106	N156	N157	N4B		Bracing Plates	Column	RECT	A36 Gr.36	Typical
91	M107	N159	N158	N4B		Bracing Plates	Column	RECT	A36 Gr.36	Typical
92	M108	N157	N158			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical
93	M109	N161	N162	N4B		Bracing Plates	Column	RECT	A36 Gr.36	Typical
94	M110	N164	N163	N4B		Bracing Plates	Column	RECT	A36 Gr.36	Typical
95	M111	N158	N162			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical
96	M112	N162	N163			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical
97	M113	N165	N166	N4B		Bracing Plates	Column	RECT	A36 Gr.36	Typical
98	M114	N168	N167	N4B		Bracing Plates	Column	RECT	A36 Gr.36	Typical
99	M115	N163	N166			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical
100	M116	N166	N167			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical
101	M117	N160	N126C		90	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
102	M118	N151	N170			Standoff Horiz...	Beam	Pipe	A53 Gr. B	Typical
103	M119	N170	N55		90	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
104	M120	N172	N175	N4A		Bracing Plates	Column	RECT	A36 Gr.36	Typical
105	M121	N173	N176	N4A		Bracing Plates	Column	RECT	A36 Gr.36	Typical
106	M122	N175	N176			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical
107	M123	N174	N179	N4A		Bracing Plates	Column	RECT	A36 Gr.36	Typical
108	M124	N177	N180	N4A		Bracing Plates	Column	RECT	A36 Gr.36	Typical
109	M125	N179	N180			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical
110	M126	N178	N182	N4A		Bracing Plates	Column	RECT	A36 Gr.36	Typical
111	M127	N181	N183	N4A		Bracing Plates	Column	RECT	A36 Gr.36	Typical
112	M128	N182	N183			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical
113	M129	N176	N179			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical
114	M130	N180	N182			Standoff Braci...	Column	Pipe	A53 Gr. B	Typical
115	M127A	N171	N173A			RIGID	None	None	RIGID	Typical
116	M128A	N172A	N174A			RIGID	None	None	RIGID	Typical
117	MP1A	N175A	N176A			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
118	M130A	N177A	N179A			RIGID	None	None	RIGID	Typical
119	M131	N178A	N180A			RIGID	None	None	RIGID	Typical
120	MP4A	N181A	N182A			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
121	M133	N183A	N185			RIGID	None	None	RIGID	Typical
122	M134	N184	N186			RIGID	None	None	RIGID	Typical
123	MP2A	N187	N188			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
124	M136	N189	N191			RIGID	None	None	RIGID	Typical
125	M137	N190	N192			RIGID	None	None	RIGID	Typical
126	MP3A	N193	N194			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
127	M139	N196	N198			RIGID	None	None	RIGID	Typical
128	M140	N197	N199			RIGID	None	None	RIGID	Typical
129	MP1C	N200	N201			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
130	M142	N202	N204			RIGID	None	None	RIGID	Typical
131	M143	N203	N205			RIGID	None	None	RIGID	Typical
132	MP4C	N206	N207			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
133	M145	N208	N210			RIGID	None	None	RIGID	Typical
134	M146	N209	N211			RIGID	None	None	RIGID	Typical
135	MP2C	N212	N213			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
136	M148	N214	N216			RIGID	None	None	RIGID	Typical
137	M149	N215	N217			RIGID	None	None	RIGID	Typical
138	MP3C	N218	N219			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
139	M151	N221	N223			RIGID	None	None	RIGID	Typical
140	M152	N222	N224			RIGID	None	None	RIGID	Typical
141	MP1B	N225	N226			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
142	M154	N227	N229			RIGID	None	None	RIGID	Typical
143	M155	N228	N230			RIGID	None	None	RIGID	Typical
144	MP4B	N231	N232			Mount Pipe	Column	Pipe	A53 Gr. B	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
145	M157	N233	N235			RIGID	None	None	RIGID	Typical
146	M158	N234	N236			RIGID	None	None	RIGID	Typical
147	MP2B	N237	N238			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
148	M160	N239	N241			RIGID	None	None	RIGID	Typical
149	M161	N240	N242			RIGID	None	None	RIGID	Typical
150	MP3B	N243	N244			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
151	M163	N243A	N244A			Tie Back	Beam	Pipe	A53 Gr. B	Typical
152	M164	N246	N247			Tie Back	Beam	Pipe	A53 Gr. B	Typical
153	M165	N249	N250			Tie Back	Beam	Pipe	A53 Gr. B	Typical
154	M154A	N126C	N125			RIGID	None	None	RIGID	Typical
155	M155A	N106	N125			RIGID	None	None	RIGID	Typical
156	M156	N239A	N239B			RIGID	None	None	RIGID	Typical
157	M157A	N238B	N239B			RIGID	None	None	RIGID	Typical
158	M158A	N126A	N241A			RIGID	None	None	RIGID	Typical
159	M159	N55	N241A			RIGID	None	None	RIGID	Typical
160	M160A	N129A	N245			RIGID	None	None	RIGID	Typical
161	M161A	N53	N245			RIGID	None	None	RIGID	Typical
162	M162	N63	N248			RIGID	None	None	RIGID	Typical
163	M163A	N128	N248			RIGID	None	None	RIGID	Typical
164	M164A	N62	N252			RIGID	None	None	RIGID	Typical
165	M165A	N131C	N252			RIGID	None	None	RIGID	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	M51						Yes				None
2	M54						Yes	Default			None
3	M87B						Yes	** NA **			None
4	M88B						Yes	** NA **			None
5	M89B						Yes	** NA **			None
6	M90A	O O O O X O					Yes	Default			None
7	M87A						Yes	** NA **			None
8	M88A						Yes	** NA **			None
9	M89C						Yes	** NA **			None
10	M90C	O O O O X O					Yes	Default			None
11	M87C						Yes				None
12	M88C						Yes	Default			None
13	M89D	O O O O X O					Yes	Default			None
14	M90B						Yes	** NA **			None
15	M91A						Yes	** NA **			None
16	M92A	BenPIN	BenPIN				Yes	** NA **			None
17	M86A						Yes	** NA **			None
18	M87D						Yes	** NA **			None
19	M87E	BenPIN	BenPIN				Yes	** NA **			None
20	M88D	BenPIN	BenPIN				Yes	** NA **			None
21	M89A						Yes	** NA **			None
22	M90						Yes	** NA **			None
23	M91	BenPIN	BenPIN				Yes	** NA **			None
24	M92	BenPIN	BenPIN				Yes	** NA **			None
25	M82A						Yes				None
26	M83A	O O O O X O					Yes	Default			None
27	M84A						Yes				None
28	M85A						Yes	** NA **			None
29	M86B						Yes	** NA **			None
30	M87F	BenPIN	BenPIN				Yes	** NA **			None
31	M88E						Yes	** NA **			None



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
32	M89E						Yes	** NA **			None
33	M90D	BenPIN	BenPIN				Yes	** NA **			None
34	M91B						Yes	** NA **			None
35	M92B						Yes	** NA **			None
36	M93	BenPIN	BenPIN				Yes	** NA **			None
37	M94	BenPIN	BenPIN				Yes	** NA **			None
38	M95	BenPIN	BenPIN				Yes	** NA **			None
39	M47						Yes				None
40	M48						Yes				None
41	M49						Yes	** NA **			None
42	M50						Yes	** NA **			None
43	M51A						Yes	** NA **			None
44	M52	OOOOXO					Yes	Default			None
45	M53						Yes	** NA **			None
46	M54A						Yes	** NA **			None
47	M55						Yes	** NA **			None
48	M56	OOOOXO					Yes	Default			None
49	M57						Yes				None
50	M58						Yes	Default			None
51	M59	OOOOXO					Yes	Default			None
52	M60						Yes	** NA **			None
53	M61						Yes	** NA **			None
54	M62	BenPIN	BenPIN				Yes	** NA **			None
55	M63						Yes	** NA **			None
56	M64						Yes	** NA **			None
57	M65	BenPIN	BenPIN				Yes	** NA **			None
58	M66	BenPIN	BenPIN				Yes	** NA **			None
59	M67						Yes	** NA **			None
60	M68						Yes	** NA **			None
61	M69	BenPIN	BenPIN				Yes	** NA **			None
62	M70	BenPIN	BenPIN				Yes	** NA **			None
63	M71						Yes				None
64	M72	OOOOXO					Yes	Default			None
65	M73						Yes				None
66	M74						Yes	** NA **			None
67	M75						Yes	** NA **			None
68	M76	BenPIN	BenPIN				Yes	** NA **			None
69	M77						Yes	** NA **			None
70	M78						Yes	** NA **			None
71	M79	BenPIN	BenPIN				Yes	** NA **			None
72	M80						Yes	** NA **			None
73	M81						Yes	** NA **			None
74	M82	BenPIN	BenPIN				Yes	** NA **			None
75	M83	BenPIN	BenPIN				Yes	** NA **			None
76	M84	BenPIN	BenPIN				Yes	** NA **			None
77	M93A						Yes				None
78	M94A						Yes				None
79	M95A						Yes	** NA **			None
80	M96						Yes	** NA **			None
81	M97						Yes	** NA **			None
82	M98	OOOOXO					Yes	Default			None
83	M99						Yes	** NA **			None
84	M100						Yes	** NA **			None
85	M101						Yes	** NA **			None
86	M102	OOOOXO					Yes	Default			None
87	M103						Yes				None
88	M104						Yes	Default			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...
89	M105	OOOOXO					Yes	Default			None
90	M106						Yes	** NA **			None
91	M107						Yes	** NA **			None
92	M108	BenPIN	BenPIN				Yes	** NA **			None
93	M109						Yes	** NA **			None
94	M110						Yes	** NA **			None
95	M111	BenPIN	BenPIN				Yes	** NA **			None
96	M112	BenPIN	BenPIN				Yes	** NA **			None
97	M113						Yes	** NA **			None
98	M114						Yes	** NA **			None
99	M115	BenPIN	BenPIN				Yes	** NA **			None
100	M116	BenPIN	BenPIN				Yes	** NA **			None
101	M117						Yes				None
102	M118	OOOOXO					Yes	Default			None
103	M119						Yes				None
104	M120						Yes	** NA **			None
105	M121						Yes	** NA **			None
106	M122	BenPIN	BenPIN				Yes	** NA **			None
107	M123						Yes	** NA **			None
108	M124						Yes	** NA **			None
109	M125	BenPIN	BenPIN				Yes	** NA **			None
110	M126						Yes	** NA **			None
111	M127						Yes	** NA **			None
112	M128	BenPIN	BenPIN				Yes	** NA **			None
113	M129	BenPIN	BenPIN				Yes	** NA **			None
114	M130	BenPIN	BenPIN				Yes	** NA **			None
115	M127A						Yes	** NA **			None
116	M128A						Yes	** NA **			None
117	MP1A						Yes	** NA **			None
118	M130A						Yes	** NA **			None
119	M131						Yes	** NA **			None
120	MP4A						Yes	** NA **			None
121	M133						Yes	** NA **			None
122	M134						Yes	** NA **			None
123	MP2A						Yes	** NA **			None
124	M136						Yes	** NA **			None
125	M137						Yes	** NA **			None
126	MP3A						Yes	** NA **			None
127	M139						Yes	** NA **			None
128	M140						Yes	** NA **			None
129	MP1C						Yes	** NA **			None
130	M142						Yes	** NA **			None
131	M143						Yes	** NA **			None
132	MP4C						Yes	** NA **			None
133	M145						Yes	** NA **			None
134	M146						Yes	** NA **			None
135	MP2C						Yes	** NA **			None
136	M148						Yes	** NA **			None
137	M149						Yes	** NA **			None
138	MP3C						Yes	** NA **			None
139	M151						Yes	** NA **			None
140	M152						Yes	** NA **			None
141	MP1B						Yes	** NA **			None
142	M154						Yes	** NA **			None
143	M155						Yes	** NA **			None
144	MP4B						Yes	** NA **			None
145	M157						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...
146	M158						Yes	** NA **			None
147	MP2B						Yes	** NA **			None
148	M160						Yes	** NA **			None
149	M161						Yes	** NA **			None
150	MP3B						Yes	** NA **			None
151	M163	OOOOXO					Yes	Default			None
152	M164	OOOOXO					Yes	Default			None
153	M165	OOOOXO					Yes	Default			None
154	M154A						Yes	** NA **			None
155	M155A						Yes	** NA **			None
156	M156						Yes	** NA **			None
157	M157A						Yes	** NA **			None
158	M158A						Yes	** NA **			None
159	M159						Yes	** NA **			None
160	M160A						Yes	** NA **			None
161	M161A						Yes	** NA **			None
162	M162						Yes	** NA **			None
163	M163A						Yes	** NA **			None
164	M164A						Yes	** NA **			None
165	M165A						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	Y	-21.85	18
2	MP2A	My	-.011	18
3	MP2A	Mz	.013	18
4	MP2A	Y	-21.85	78
5	MP2A	My	-.011	78
6	MP2A	Mz	.013	78
7	MP2B	Y	-21.85	18
8	MP2B	My	-.006	18
9	MP2B	Mz	-.016	18
10	MP2B	Y	-21.85	78
11	MP2B	My	-.006	78
12	MP2B	Mz	-.016	78
13	MP2C	Y	-21.85	18
14	MP2C	My	.017	18
15	MP2C	Mz	.003	18
16	MP2C	Y	-21.85	78
17	MP2C	My	.017	78
18	MP2C	Mz	.003	78
19	MP2A	Y	-21.85	18
20	MP2A	My	-.011	18
21	MP2A	Mz	-.013	18
22	MP2A	Y	-21.85	78
23	MP2A	My	-.011	78
24	MP2A	Mz	-.013	78
25	MP2B	Y	-21.85	18
26	MP2B	My	.017	18
27	MP2B	Mz	-.003	18
28	MP2B	Y	-21.85	78
29	MP2B	My	.017	78
30	MP2B	Mz	-.003	78
31	MP2C	Y	-21.85	18
32	MP2C	My	-.006	18



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
33	MP2C	Mz	.016	18
34	MP2C	Y	-21.85	78
35	MP2C	My	-.006	78
36	MP2C	Mz	.016	78
37	MP2A	Y	-74.7	48
38	MP2A	My	.037	48
39	MP2A	Mz	0	48
40	MP2B	Y	-74.7	48
41	MP2B	My	-.019	48
42	MP2B	Mz	.032	48
43	MP2C	Y	-74.7	48
44	MP2C	My	-.019	48
45	MP2C	Mz	-.032	48
46	MP3A	Y	-70.3	48
47	MP3A	My	.035	48
48	MP3A	Mz	0	48
49	MP3B	Y	-70.3	48
50	MP3B	My	-.018	48
51	MP3B	Mz	.03	48
52	MP3C	Y	-70.3	48
53	MP3C	My	-.018	48
54	MP3C	Mz	-.03	48
55	MP1A	Y	-43.55	12
56	MP1A	My	-.022	12
57	MP1A	Mz	0	12
58	MP1A	Y	-43.55	36
59	MP1A	My	-.022	36
60	MP1A	Mz	0	36
61	MP1B	Y	-43.55	12
62	MP1B	My	.011	12
63	MP1B	Mz	-.019	12
64	MP1B	Y	-43.55	36
65	MP1B	My	.011	36
66	MP1B	Mz	-.019	36
67	MP1C	Y	-43.55	12
68	MP1C	My	.011	12
69	MP1C	Mz	.019	12
70	MP1C	Y	-43.55	36
71	MP1C	My	.011	36
72	MP1C	Mz	.019	36
73	MP4A	Y	-13.15	3
74	MP4A	My	-.007	3
75	MP4A	Mz	0	3
76	MP4A	Y	-13.15	57
77	MP4A	My	-.007	57
78	MP4A	Mz	0	57
79	MP4B	Y	-13.15	3
80	MP4B	My	.003	3
81	MP4B	Mz	-.006	3
82	MP4B	Y	-13.15	57
83	MP4B	My	.003	57
84	MP4B	Mz	-.006	57
85	MP4C	Y	-13.15	3
86	MP4C	My	.003	3
87	MP4C	Mz	.006	3
88	MP4C	Y	-13.15	57
89	MP4C	My	.003	57



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
90	MP4C	Mz	.006	57

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	Y	-95.615	18
2	MP2A	My	-.048	18
3	MP2A	Mz	.056	18
4	MP2A	Y	-95.615	78
5	MP2A	My	-.048	78
6	MP2A	Mz	.056	78
7	MP2B	Y	-95.615	18
8	MP2B	My	-.024	18
9	MP2B	Mz	-.069	18
10	MP2B	Y	-95.615	78
11	MP2B	My	-.024	78
12	MP2B	Mz	-.069	78
13	MP2C	Y	-95.615	18
14	MP2C	My	.072	18
15	MP2C	Mz	.014	18
16	MP2C	Y	-95.615	78
17	MP2C	My	.072	78
18	MP2C	Mz	.014	78
19	MP2A	Y	-95.615	18
20	MP2A	My	-.048	18
21	MP2A	Mz	-.056	18
22	MP2A	Y	-95.615	78
23	MP2A	My	-.048	78
24	MP2A	Mz	-.056	78
25	MP2B	Y	-95.615	18
26	MP2B	My	.072	18
27	MP2B	Mz	-.014	18
28	MP2B	Y	-95.615	78
29	MP2B	My	.072	78
30	MP2B	Mz	-.014	78
31	MP2C	Y	-95.615	18
32	MP2C	My	-.024	18
33	MP2C	Mz	.069	18
34	MP2C	Y	-95.615	78
35	MP2C	My	-.024	78
36	MP2C	Mz	.069	78
37	MP2A	Y	-71.733	48
38	MP2A	My	.036	48
39	MP2A	Mz	0	48
40	MP2B	Y	-71.733	48
41	MP2B	My	-.018	48
42	MP2B	Mz	.031	48
43	MP2C	Y	-71.733	48
44	MP2C	My	-.018	48
45	MP2C	Mz	-.031	48
46	MP3A	Y	-68.432	48
47	MP3A	My	.034	48
48	MP3A	Mz	0	48
49	MP3B	Y	-68.432	48
50	MP3B	My	-.017	48
51	MP3B	Mz	.03	48
52	MP3C	Y	-68.432	48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
53	MP3C	My	-.017	48
54	MP3C	Mz	-.03	48
55	MP1A	Y	-56.44	12
56	MP1A	My	-.028	12
57	MP1A	Mz	0	12
58	MP1A	Y	-56.44	36
59	MP1A	My	-.028	36
60	MP1A	Mz	0	36
61	MP1B	Y	-56.44	12
62	MP1B	My	.014	12
63	MP1B	Mz	-.024	12
64	MP1B	Y	-56.44	36
65	MP1B	My	.014	36
66	MP1B	Mz	-.024	36
67	MP1C	Y	-56.44	12
68	MP1C	My	.014	12
69	MP1C	Mz	.024	12
70	MP1C	Y	-56.44	36
71	MP1C	My	.014	36
72	MP1C	Mz	.024	36
73	MP4A	Y	-96.467	3
74	MP4A	My	-.048	3
75	MP4A	Mz	0	3
76	MP4A	Y	-96.467	57
77	MP4A	My	-.048	57
78	MP4A	Mz	0	57
79	MP4B	Y	-96.467	3
80	MP4B	My	.024	3
81	MP4B	Mz	-.042	3
82	MP4B	Y	-96.467	57
83	MP4B	My	.024	57
84	MP4B	Mz	-.042	57
85	MP4C	Y	-96.467	3
86	MP4C	My	.024	3
87	MP4C	Mz	.042	3
88	MP4C	Y	-96.467	57
89	MP4C	My	.024	57
90	MP4C	Mz	.042	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	0	18
2	MP2A	Z	-128.706	18
3	MP2A	Mx	-.075	18
4	MP2A	X	0	78
5	MP2A	Z	-128.706	78
6	MP2A	Mx	-.075	78
7	MP2B	X	0	18
8	MP2B	Z	-95.992	18
9	MP2B	Mx	.07	18
10	MP2B	X	0	78
11	MP2B	Z	-95.992	78
12	MP2B	Mx	.07	78
13	MP2C	X	0	18
14	MP2C	Z	-95.992	18
15	MP2C	Mx	-.014	18



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
16	MP2C	X	0	78
17	MP2C	Z	-95.992	78
18	MP2C	Mx	-.014	78
19	MP2A	X	0	18
20	MP2A	Z	-128.706	18
21	MP2A	Mx	.075	18
22	MP2A	X	0	78
23	MP2A	Z	-128.706	78
24	MP2A	Mx	.075	78
25	MP2B	X	0	18
26	MP2B	Z	-95.992	18
27	MP2B	Mx	.014	18
28	MP2B	X	0	78
29	MP2B	Z	-95.992	78
30	MP2B	Mx	.014	78
31	MP2C	X	0	18
32	MP2C	Z	-95.992	18
33	MP2C	Mx	-.07	18
34	MP2C	X	0	78
35	MP2C	Z	-95.992	78
36	MP2C	Mx	-.07	78
37	MP2A	X	0	48
38	MP2A	Z	-59.574	48
39	MP2A	Mx	0	48
40	MP2B	X	0	48
41	MP2B	Z	-44.76	48
42	MP2B	Mx	-.019	48
43	MP2C	X	0	48
44	MP2C	Z	-44.76	48
45	MP2C	Mx	.019	48
46	MP3A	X	0	48
47	MP3A	Z	-59.574	48
48	MP3A	Mx	0	48
49	MP3B	X	0	48
50	MP3B	Z	-42.072	48
51	MP3B	Mx	-.018	48
52	MP3C	X	0	48
53	MP3C	Z	-42.072	48
54	MP3C	Mx	.018	48
55	MP1A	X	0	12
56	MP1A	Z	-74.866	12
57	MP1A	Mx	0	12
58	MP1A	X	0	36
59	MP1A	Z	-74.866	36
60	MP1A	Mx	0	36
61	MP1B	X	0	12
62	MP1B	Z	-40.699	12
63	MP1B	Mx	.018	12
64	MP1B	X	0	36
65	MP1B	Z	-40.699	36
66	MP1B	Mx	.018	36
67	MP1C	X	0	12
68	MP1C	Z	-40.699	12
69	MP1C	Mx	-.018	12
70	MP1C	X	0	36
71	MP1C	Z	-40.699	36
72	MP1C	Mx	-.018	36



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
73	MP4A	X	0	3
74	MP4A	Z	-130.139	3
75	MP4A	Mx	0	3
76	MP4A	X	0	57
77	MP4A	Z	-130.139	57
78	MP4A	Mx	0	57
79	MP4B	X	0	3
80	MP4B	Z	-97.111	3
81	MP4B	Mx	.042	3
82	MP4B	X	0	57
83	MP4B	Z	-97.111	57
84	MP4B	Mx	.042	57
85	MP4C	X	0	3
86	MP4C	Z	-97.111	3
87	MP4C	Mx	-.042	3
88	MP4C	X	0	57
89	MP4C	Z	-97.111	57
90	MP4C	Mx	-.042	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	58.9	18
2	MP2A	Z	-102.019	18
3	MP2A	Mx	-.089	18
4	MP2A	X	58.9	78
5	MP2A	Z	-102.019	78
6	MP2A	Mx	-.089	78
7	MP2B	X	42.543	18
8	MP2B	Z	-73.687	18
9	MP2B	Mx	.043	18
10	MP2B	X	42.543	78
11	MP2B	Z	-73.687	78
12	MP2B	Mx	.043	78
13	MP2C	X	58.9	18
14	MP2C	Z	-102.019	18
15	MP2C	Mx	.03	18
16	MP2C	X	58.9	78
17	MP2C	Z	-102.019	78
18	MP2C	Mx	.03	78
19	MP2A	X	58.9	18
20	MP2A	Z	-102.019	18
21	MP2A	Mx	.03	18
22	MP2A	X	58.9	78
23	MP2A	Z	-102.019	78
24	MP2A	Mx	.03	78
25	MP2B	X	42.543	18
26	MP2B	Z	-73.687	18
27	MP2B	Mx	.043	18
28	MP2B	X	42.543	78
29	MP2B	Z	-73.687	78
30	MP2B	Mx	.043	78
31	MP2C	X	58.9	18
32	MP2C	Z	-102.019	18
33	MP2C	Mx	-.089	18
34	MP2C	X	58.9	78
35	MP2C	Z	-102.019	78



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
36	MP2C	Mx	-.089	78
37	MP2A	X	27.318	48
38	MP2A	Z	-47.316	48
39	MP2A	Mx	.014	48
40	MP2B	X	19.911	48
41	MP2B	Z	-34.487	48
42	MP2B	Mx	-.02	48
43	MP2C	X	27.318	48
44	MP2C	Z	-47.316	48
45	MP2C	Mx	.014	48
46	MP3A	X	26.87	48
47	MP3A	Z	-46.54	48
48	MP3A	Mx	.013	48
49	MP3B	X	18.119	48
50	MP3B	Z	-31.383	48
51	MP3B	Mx	-.018	48
52	MP3C	X	26.87	48
53	MP3C	Z	-46.54	48
54	MP3C	Mx	.013	48
55	MP1A	X	31.738	12
56	MP1A	Z	-54.973	12
57	MP1A	Mx	-.016	12
58	MP1A	X	31.738	36
59	MP1A	Z	-54.973	36
60	MP1A	Mx	-.016	36
61	MP1B	X	14.655	12
62	MP1B	Z	-25.383	12
63	MP1B	Mx	.015	12
64	MP1B	X	14.655	36
65	MP1B	Z	-25.383	36
66	MP1B	Mx	.015	36
67	MP1C	X	31.738	12
68	MP1C	Z	-54.973	12
69	MP1C	Mx	-.016	12
70	MP1C	X	31.738	36
71	MP1C	Z	-54.973	36
72	MP1C	Mx	-.016	36
73	MP4A	X	59.565	3
74	MP4A	Z	-103.169	3
75	MP4A	Mx	-.03	3
76	MP4A	X	59.565	57
77	MP4A	Z	-103.169	57
78	MP4A	Mx	-.03	57
79	MP4B	X	43.051	3
80	MP4B	Z	-74.566	3
81	MP4B	Mx	.043	3
82	MP4B	X	43.051	57
83	MP4B	Z	-74.566	57
84	MP4B	Mx	.043	57
85	MP4C	X	59.565	3
86	MP4C	Z	-103.169	3
87	MP4C	Mx	-.03	3
88	MP4C	X	59.565	57
89	MP4C	Z	-103.169	57
90	MP4C	Mx	-.03	57



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	83.131	18
2	MP2A	Z	-47.996	18
3	MP2A	Mx	-.07	18
4	MP2A	X	83.131	78
5	MP2A	Z	-47.996	78
6	MP2A	Mx	-.07	78
7	MP2B	X	83.131	18
8	MP2B	Z	-47.996	18
9	MP2B	Mx	.014	18
10	MP2B	X	83.131	78
11	MP2B	Z	-47.996	78
12	MP2B	Mx	.014	78
13	MP2C	X	111.462	18
14	MP2C	Z	-64.353	18
15	MP2C	Mx	.075	18
16	MP2C	X	111.462	78
17	MP2C	Z	-64.353	78
18	MP2C	Mx	.075	78
19	MP2A	X	83.131	18
20	MP2A	Z	-47.996	18
21	MP2A	Mx	-.014	18
22	MP2A	X	83.131	78
23	MP2A	Z	-47.996	78
24	MP2A	Mx	-.014	78
25	MP2B	X	83.131	18
26	MP2B	Z	-47.996	18
27	MP2B	Mx	.07	18
28	MP2B	X	83.131	78
29	MP2B	Z	-47.996	78
30	MP2B	Mx	.07	78
31	MP2C	X	111.462	18
32	MP2C	Z	-64.353	18
33	MP2C	Mx	-.075	18
34	MP2C	X	111.462	78
35	MP2C	Z	-64.353	78
36	MP2C	Mx	-.075	78
37	MP2A	X	38.764	48
38	MP2A	Z	-22.38	48
39	MP2A	Mx	.019	48
40	MP2B	X	38.764	48
41	MP2B	Z	-22.38	48
42	MP2B	Mx	-.019	48
43	MP2C	X	51.593	48
44	MP2C	Z	-29.787	48
45	MP2C	Mx	0	48
46	MP3A	X	36.436	48
47	MP3A	Z	-21.036	48
48	MP3A	Mx	.018	48
49	MP3B	X	36.436	48
50	MP3B	Z	-21.036	48
51	MP3B	Mx	-.018	48
52	MP3C	X	51.593	48
53	MP3C	Z	-29.787	48
54	MP3C	Mx	0	48
55	MP1A	X	35.246	12
56	MP1A	Z	-20.349	12
57	MP1A	Mx	-.018	12



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
58	MP1A	X	35.246	36
59	MP1A	Z	-20.349	36
60	MP1A	Mx	-.018	36
61	MP1B	X	35.246	12
62	MP1B	Z	-20.349	12
63	MP1B	Mx	.018	12
64	MP1B	X	35.246	36
65	MP1B	Z	-20.349	36
66	MP1B	Mx	.018	36
67	MP1C	X	64.836	12
68	MP1C	Z	-37.433	12
69	MP1C	Mx	0	12
70	MP1C	X	64.836	36
71	MP1C	Z	-37.433	36
72	MP1C	Mx	0	36
73	MP4A	X	84.101	3
74	MP4A	Z	-48.556	3
75	MP4A	Mx	-.042	3
76	MP4A	X	84.101	57
77	MP4A	Z	-48.556	57
78	MP4A	Mx	-.042	57
79	MP4B	X	84.101	3
80	MP4B	Z	-48.556	3
81	MP4B	Mx	.042	3
82	MP4B	X	84.101	57
83	MP4B	Z	-48.556	57
84	MP4B	Mx	.042	57
85	MP4C	X	112.704	3
86	MP4C	Z	-65.07	3
87	MP4C	Mx	0	3
88	MP4C	X	112.704	57
89	MP4C	Z	-65.07	57
90	MP4C	Mx	0	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	85.087	18
2	MP2A	Z	0	18
3	MP2A	Mx	-.043	18
4	MP2A	X	85.087	78
5	MP2A	Z	0	78
6	MP2A	Mx	-.043	78
7	MP2B	X	117.801	18
8	MP2B	Z	0	18
9	MP2B	Mx	-.03	18
10	MP2B	X	117.801	78
11	MP2B	Z	0	78
12	MP2B	Mx	-.03	78
13	MP2C	X	117.801	18
14	MP2C	Z	0	18
15	MP2C	Mx	.089	18
16	MP2C	X	117.801	78
17	MP2C	Z	0	78
18	MP2C	Mx	.089	78
19	MP2A	X	85.087	18
20	MP2A	Z	0	18



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
21	MP2A	Mx	-.043	18
22	MP2A	X	85.087	78
23	MP2A	Z	0	78
24	MP2A	Mx	-.043	78
25	MP2B	X	117.801	18
26	MP2B	Z	0	18
27	MP2B	Mx	.089	18
28	MP2B	X	117.801	78
29	MP2B	Z	0	78
30	MP2B	Mx	.089	78
31	MP2C	X	117.801	18
32	MP2C	Z	0	18
33	MP2C	Mx	-.03	18
34	MP2C	X	117.801	78
35	MP2C	Z	0	78
36	MP2C	Mx	-.03	78
37	MP2A	X	39.822	48
38	MP2A	Z	0	48
39	MP2A	Mx	.02	48
40	MP2B	X	54.636	48
41	MP2B	Z	0	48
42	MP2B	Mx	-.014	48
43	MP2C	X	54.636	48
44	MP2C	Z	0	48
45	MP2C	Mx	-.014	48
46	MP3A	X	36.238	48
47	MP3A	Z	0	48
48	MP3A	Mx	.018	48
49	MP3B	X	53.74	48
50	MP3B	Z	0	48
51	MP3B	Mx	-.013	48
52	MP3C	X	53.74	48
53	MP3C	Z	0	48
54	MP3C	Mx	-.013	48
55	MP1A	X	29.31	12
56	MP1A	Z	0	12
57	MP1A	Mx	-.015	12
58	MP1A	X	29.31	36
59	MP1A	Z	0	36
60	MP1A	Mx	-.015	36
61	MP1B	X	63.477	12
62	MP1B	Z	0	12
63	MP1B	Mx	.016	12
64	MP1B	X	63.477	36
65	MP1B	Z	0	36
66	MP1B	Mx	.016	36
67	MP1C	X	63.477	12
68	MP1C	Z	0	12
69	MP1C	Mx	.016	12
70	MP1C	X	63.477	36
71	MP1C	Z	0	36
72	MP1C	Mx	.016	36
73	MP4A	X	86.102	3
74	MP4A	Z	0	3
75	MP4A	Mx	-.043	3
76	MP4A	X	86.102	57
77	MP4A	Z	0	57



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
78	MP4A	Mx	-.043	57
79	MP4B	X	119.13	3
80	MP4B	Z	0	3
81	MP4B	Mx	.03	3
82	MP4B	X	119.13	57
83	MP4B	Z	0	57
84	MP4B	Mx	.03	57
85	MP4C	X	119.13	3
86	MP4C	Z	0	3
87	MP4C	Mx	.03	3
88	MP4C	X	119.13	57
89	MP4C	Z	0	57
90	MP4C	Mx	.03	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	83.131	18
2	MP2A	Z	47.996	18
3	MP2A	Mx	-.014	18
4	MP2A	X	83.131	78
5	MP2A	Z	47.996	78
6	MP2A	Mx	-.014	78
7	MP2B	X	111.462	18
8	MP2B	Z	64.353	18
9	MP2B	Mx	-.075	18
10	MP2B	X	111.462	78
11	MP2B	Z	64.353	78
12	MP2B	Mx	-.075	78
13	MP2C	X	83.131	18
14	MP2C	Z	47.996	18
15	MP2C	Mx	.07	18
16	MP2C	X	83.131	78
17	MP2C	Z	47.996	78
18	MP2C	Mx	.07	78
19	MP2A	X	83.131	18
20	MP2A	Z	47.996	18
21	MP2A	Mx	-.07	18
22	MP2A	X	83.131	78
23	MP2A	Z	47.996	78
24	MP2A	Mx	-.07	78
25	MP2B	X	111.462	18
26	MP2B	Z	64.353	18
27	MP2B	Mx	.075	18
28	MP2B	X	111.462	78
29	MP2B	Z	64.353	78
30	MP2B	Mx	.075	78
31	MP2C	X	83.131	18
32	MP2C	Z	47.996	18
33	MP2C	Mx	.014	18
34	MP2C	X	83.131	78
35	MP2C	Z	47.996	78
36	MP2C	Mx	.014	78
37	MP2A	X	38.764	48
38	MP2A	Z	22.38	48
39	MP2A	Mx	.019	48
40	MP2B	X	51.593	48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
41	MP2B	Z	29.787	48
42	MP2B	Mx	0	48
43	MP2C	X	38.764	48
44	MP2C	Z	22.38	48
45	MP2C	Mx	-.019	48
46	MP3A	X	36.436	48
47	MP3A	Z	21.036	48
48	MP3A	Mx	.018	48
49	MP3B	X	51.593	48
50	MP3B	Z	29.787	48
51	MP3B	Mx	0	48
52	MP3C	X	36.436	48
53	MP3C	Z	21.036	48
54	MP3C	Mx	-.018	48
55	MP1A	X	35.246	12
56	MP1A	Z	20.349	12
57	MP1A	Mx	-.018	12
58	MP1A	X	35.246	36
59	MP1A	Z	20.349	36
60	MP1A	Mx	-.018	36
61	MP1B	X	64.836	12
62	MP1B	Z	37.433	12
63	MP1B	Mx	0	12
64	MP1B	X	64.836	36
65	MP1B	Z	37.433	36
66	MP1B	Mx	0	36
67	MP1C	X	35.246	12
68	MP1C	Z	20.349	12
69	MP1C	Mx	.018	12
70	MP1C	X	35.246	36
71	MP1C	Z	20.349	36
72	MP1C	Mx	.018	36
73	MP4A	X	84.101	3
74	MP4A	Z	48.556	3
75	MP4A	Mx	-.042	3
76	MP4A	X	84.101	57
77	MP4A	Z	48.556	57
78	MP4A	Mx	-.042	57
79	MP4B	X	112.704	3
80	MP4B	Z	65.07	3
81	MP4B	Mx	0	3
82	MP4B	X	112.704	57
83	MP4B	Z	65.07	57
84	MP4B	Mx	0	57
85	MP4C	X	84.101	3
86	MP4C	Z	48.556	3
87	MP4C	Mx	.042	3
88	MP4C	X	84.101	57
89	MP4C	Z	48.556	57
90	MP4C	Mx	.042	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	58.9	18
2	MP2A	Z	102.019	18
3	MP2A	Mx	.03	18



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
4	MP2A	X	58.9	78
5	MP2A	Z	102.019	78
6	MP2A	Mx	.03	78
7	MP2B	X	58.9	18
8	MP2B	Z	102.019	18
9	MP2B	Mx	-.089	18
10	MP2B	X	58.9	78
11	MP2B	Z	102.019	78
12	MP2B	Mx	-.089	78
13	MP2C	X	42.543	18
14	MP2C	Z	73.687	18
15	MP2C	Mx	.043	18
16	MP2C	X	42.543	78
17	MP2C	Z	73.687	78
18	MP2C	Mx	.043	78
19	MP2A	X	58.9	18
20	MP2A	Z	102.019	18
21	MP2A	Mx	-.089	18
22	MP2A	X	58.9	78
23	MP2A	Z	102.019	78
24	MP2A	Mx	-.089	78
25	MP2B	X	58.9	18
26	MP2B	Z	102.019	18
27	MP2B	Mx	.03	18
28	MP2B	X	58.9	78
29	MP2B	Z	102.019	78
30	MP2B	Mx	.03	78
31	MP2C	X	42.543	18
32	MP2C	Z	73.687	18
33	MP2C	Mx	.043	18
34	MP2C	X	42.543	78
35	MP2C	Z	73.687	78
36	MP2C	Mx	.043	78
37	MP2A	X	27.318	48
38	MP2A	Z	47.316	48
39	MP2A	Mx	.014	48
40	MP2B	X	27.318	48
41	MP2B	Z	47.316	48
42	MP2B	Mx	.014	48
43	MP2C	X	19.911	48
44	MP2C	Z	34.487	48
45	MP2C	Mx	-.02	48
46	MP3A	X	26.87	48
47	MP3A	Z	46.54	48
48	MP3A	Mx	.013	48
49	MP3B	X	26.87	48
50	MP3B	Z	46.54	48
51	MP3B	Mx	.013	48
52	MP3C	X	18.119	48
53	MP3C	Z	31.383	48
54	MP3C	Mx	-.018	48
55	MP1A	X	31.738	12
56	MP1A	Z	54.973	12
57	MP1A	Mx	-.016	12
58	MP1A	X	31.738	36
59	MP1A	Z	54.973	36
60	MP1A	Mx	-.016	36



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
61	MP1B	X	31.738	12
62	MP1B	Z	54.973	12
63	MP1B	Mx	-.016	12
64	MP1B	X	31.738	36
65	MP1B	Z	54.973	36
66	MP1B	Mx	-.016	36
67	MP1C	X	14.655	12
68	MP1C	Z	25.383	12
69	MP1C	Mx	.015	12
70	MP1C	X	14.655	36
71	MP1C	Z	25.383	36
72	MP1C	Mx	.015	36
73	MP4A	X	59.565	3
74	MP4A	Z	103.169	3
75	MP4A	Mx	-.03	3
76	MP4A	X	59.565	57
77	MP4A	Z	103.169	57
78	MP4A	Mx	-.03	57
79	MP4B	X	59.565	3
80	MP4B	Z	103.169	3
81	MP4B	Mx	-.03	3
82	MP4B	X	59.565	57
83	MP4B	Z	103.169	57
84	MP4B	Mx	-.03	57
85	MP4C	X	43.051	3
86	MP4C	Z	74.566	3
87	MP4C	Mx	.043	3
88	MP4C	X	43.051	57
89	MP4C	Z	74.566	57
90	MP4C	Mx	.043	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	0	18
2	MP2A	Z	128.706	18
3	MP2A	Mx	.075	18
4	MP2A	X	0	78
5	MP2A	Z	128.706	78
6	MP2A	Mx	.075	78
7	MP2B	X	0	18
8	MP2B	Z	95.992	18
9	MP2B	Mx	-.07	18
10	MP2B	X	0	78
11	MP2B	Z	95.992	78
12	MP2B	Mx	-.07	78
13	MP2C	X	0	18
14	MP2C	Z	95.992	18
15	MP2C	Mx	.014	18
16	MP2C	X	0	78
17	MP2C	Z	95.992	78
18	MP2C	Mx	.014	78
19	MP2A	X	0	18
20	MP2A	Z	128.706	18
21	MP2A	Mx	-.075	18
22	MP2A	X	0	78
23	MP2A	Z	128.706	78



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
24	MP2A	Mx	-.075	78
25	MP2B	X	0	18
26	MP2B	Z	95.992	18
27	MP2B	Mx	-.014	18
28	MP2B	X	0	78
29	MP2B	Z	95.992	78
30	MP2B	Mx	-.014	78
31	MP2C	X	0	18
32	MP2C	Z	95.992	18
33	MP2C	Mx	.07	18
34	MP2C	X	0	78
35	MP2C	Z	95.992	78
36	MP2C	Mx	.07	78
37	MP2A	X	0	48
38	MP2A	Z	59.574	48
39	MP2A	Mx	0	48
40	MP2B	X	0	48
41	MP2B	Z	44.76	48
42	MP2B	Mx	.019	48
43	MP2C	X	0	48
44	MP2C	Z	44.76	48
45	MP2C	Mx	-.019	48
46	MP3A	X	0	48
47	MP3A	Z	59.574	48
48	MP3A	Mx	0	48
49	MP3B	X	0	48
50	MP3B	Z	42.072	48
51	MP3B	Mx	.018	48
52	MP3C	X	0	48
53	MP3C	Z	42.072	48
54	MP3C	Mx	-.018	48
55	MP1A	X	0	12
56	MP1A	Z	74.866	12
57	MP1A	Mx	0	12
58	MP1A	X	0	36
59	MP1A	Z	74.866	36
60	MP1A	Mx	0	36
61	MP1B	X	0	12
62	MP1B	Z	40.699	12
63	MP1B	Mx	-.018	12
64	MP1B	X	0	36
65	MP1B	Z	40.699	36
66	MP1B	Mx	-.018	36
67	MP1C	X	0	12
68	MP1C	Z	40.699	12
69	MP1C	Mx	.018	12
70	MP1C	X	0	36
71	MP1C	Z	40.699	36
72	MP1C	Mx	.018	36
73	MP4A	X	0	3
74	MP4A	Z	130.139	3
75	MP4A	Mx	0	3
76	MP4A	X	0	57
77	MP4A	Z	130.139	57
78	MP4A	Mx	0	57
79	MP4B	X	0	3
80	MP4B	Z	97.111	3



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
81	MP4B	Mx	-.042	3
82	MP4B	X	0	57
83	MP4B	Z	97.111	57
84	MP4B	Mx	-.042	57
85	MP4C	X	0	3
86	MP4C	Z	97.111	3
87	MP4C	Mx	.042	3
88	MP4C	X	0	57
89	MP4C	Z	97.111	57
90	MP4C	Mx	.042	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	-58.9	18
2	MP2A	Z	102.019	18
3	MP2A	Mx	.089	18
4	MP2A	X	-58.9	78
5	MP2A	Z	102.019	78
6	MP2A	Mx	.089	78
7	MP2B	X	-42.543	18
8	MP2B	Z	73.687	18
9	MP2B	Mx	-.043	18
10	MP2B	X	-42.543	78
11	MP2B	Z	73.687	78
12	MP2B	Mx	-.043	78
13	MP2C	X	-58.9	18
14	MP2C	Z	102.019	18
15	MP2C	Mx	-.03	18
16	MP2C	X	-58.9	78
17	MP2C	Z	102.019	78
18	MP2C	Mx	-.03	78
19	MP2A	X	-58.9	18
20	MP2A	Z	102.019	18
21	MP2A	Mx	-.03	18
22	MP2A	X	-58.9	78
23	MP2A	Z	102.019	78
24	MP2A	Mx	-.03	78
25	MP2B	X	-42.543	18
26	MP2B	Z	73.687	18
27	MP2B	Mx	-.043	18
28	MP2B	X	-42.543	78
29	MP2B	Z	73.687	78
30	MP2B	Mx	-.043	78
31	MP2C	X	-58.9	18
32	MP2C	Z	102.019	18
33	MP2C	Mx	.089	18
34	MP2C	X	-58.9	78
35	MP2C	Z	102.019	78
36	MP2C	Mx	.089	78
37	MP2A	X	-27.318	48
38	MP2A	Z	47.316	48
39	MP2A	Mx	-.014	48
40	MP2B	X	-19.911	48
41	MP2B	Z	34.487	48
42	MP2B	Mx	.02	48
43	MP2C	X	-27.318	48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
44	MP2C	Z	47.316	48
45	MP2C	Mx	-.014	48
46	MP3A	X	-26.87	48
47	MP3A	Z	46.54	48
48	MP3A	Mx	-.013	48
49	MP3B	X	-18.119	48
50	MP3B	Z	31.383	48
51	MP3B	Mx	.018	48
52	MP3C	X	-26.87	48
53	MP3C	Z	46.54	48
54	MP3C	Mx	-.013	48
55	MP1A	X	-31.738	12
56	MP1A	Z	54.973	12
57	MP1A	Mx	.016	12
58	MP1A	X	-31.738	36
59	MP1A	Z	54.973	36
60	MP1A	Mx	.016	36
61	MP1B	X	-14.655	12
62	MP1B	Z	25.383	12
63	MP1B	Mx	-.015	12
64	MP1B	X	-14.655	36
65	MP1B	Z	25.383	36
66	MP1B	Mx	-.015	36
67	MP1C	X	-31.738	12
68	MP1C	Z	54.973	12
69	MP1C	Mx	.016	12
70	MP1C	X	-31.738	36
71	MP1C	Z	54.973	36
72	MP1C	Mx	.016	36
73	MP4A	X	-59.565	3
74	MP4A	Z	103.169	3
75	MP4A	Mx	.03	3
76	MP4A	X	-59.565	57
77	MP4A	Z	103.169	57
78	MP4A	Mx	.03	57
79	MP4B	X	-43.051	3
80	MP4B	Z	74.566	3
81	MP4B	Mx	-.043	3
82	MP4B	X	-43.051	57
83	MP4B	Z	74.566	57
84	MP4B	Mx	-.043	57
85	MP4C	X	-59.565	3
86	MP4C	Z	103.169	3
87	MP4C	Mx	.03	3
88	MP4C	X	-59.565	57
89	MP4C	Z	103.169	57
90	MP4C	Mx	.03	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	-83.131	18
2	MP2A	Z	47.996	18
3	MP2A	Mx	.07	18
4	MP2A	X	-83.131	78
5	MP2A	Z	47.996	78
6	MP2A	Mx	.07	78



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
7	MP2B	X	-83.131	18
8	MP2B	Z	47.996	18
9	MP2B	Mx	-.014	18
10	MP2B	X	-83.131	78
11	MP2B	Z	47.996	78
12	MP2B	Mx	-.014	78
13	MP2C	X	-111.462	18
14	MP2C	Z	64.353	18
15	MP2C	Mx	-.075	18
16	MP2C	X	-111.462	78
17	MP2C	Z	64.353	78
18	MP2C	Mx	-.075	78
19	MP2A	X	-83.131	18
20	MP2A	Z	47.996	18
21	MP2A	Mx	.014	18
22	MP2A	X	-83.131	78
23	MP2A	Z	47.996	78
24	MP2A	Mx	.014	78
25	MP2B	X	-83.131	18
26	MP2B	Z	47.996	18
27	MP2B	Mx	-.07	18
28	MP2B	X	-83.131	78
29	MP2B	Z	47.996	78
30	MP2B	Mx	-.07	78
31	MP2C	X	-111.462	18
32	MP2C	Z	64.353	18
33	MP2C	Mx	.075	18
34	MP2C	X	-111.462	78
35	MP2C	Z	64.353	78
36	MP2C	Mx	.075	78
37	MP2A	X	-38.764	48
38	MP2A	Z	22.38	48
39	MP2A	Mx	-.019	48
40	MP2B	X	-38.764	48
41	MP2B	Z	22.38	48
42	MP2B	Mx	.019	48
43	MP2C	X	-51.593	48
44	MP2C	Z	29.787	48
45	MP2C	Mx	0	48
46	MP3A	X	-36.436	48
47	MP3A	Z	21.036	48
48	MP3A	Mx	-.018	48
49	MP3B	X	-36.436	48
50	MP3B	Z	21.036	48
51	MP3B	Mx	.018	48
52	MP3C	X	-51.593	48
53	MP3C	Z	29.787	48
54	MP3C	Mx	0	48
55	MP1A	X	-35.246	12
56	MP1A	Z	20.349	12
57	MP1A	Mx	.018	12
58	MP1A	X	-35.246	36
59	MP1A	Z	20.349	36
60	MP1A	Mx	.018	36
61	MP1B	X	-35.246	12
62	MP1B	Z	20.349	12
63	MP1B	Mx	-.018	12



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
64	MP1B	X	-35.246	36
65	MP1B	Z	20.349	36
66	MP1B	Mx	-.018	36
67	MP1C	X	-64.836	12
68	MP1C	Z	37.433	12
69	MP1C	Mx	0	12
70	MP1C	X	-64.836	36
71	MP1C	Z	37.433	36
72	MP1C	Mx	0	36
73	MP4A	X	-84.101	3
74	MP4A	Z	48.556	3
75	MP4A	Mx	.042	3
76	MP4A	X	-84.101	57
77	MP4A	Z	48.556	57
78	MP4A	Mx	.042	57
79	MP4B	X	-84.101	3
80	MP4B	Z	48.556	3
81	MP4B	Mx	-.042	3
82	MP4B	X	-84.101	57
83	MP4B	Z	48.556	57
84	MP4B	Mx	-.042	57
85	MP4C	X	-112.704	3
86	MP4C	Z	65.07	3
87	MP4C	Mx	0	3
88	MP4C	X	-112.704	57
89	MP4C	Z	65.07	57
90	MP4C	Mx	0	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	-85.087	18
2	MP2A	Z	0	18
3	MP2A	Mx	.043	18
4	MP2A	X	-85.087	78
5	MP2A	Z	0	78
6	MP2A	Mx	.043	78
7	MP2B	X	-117.801	18
8	MP2B	Z	0	18
9	MP2B	Mx	.03	18
10	MP2B	X	-117.801	78
11	MP2B	Z	0	78
12	MP2B	Mx	.03	78
13	MP2C	X	-117.801	18
14	MP2C	Z	0	18
15	MP2C	Mx	-.089	18
16	MP2C	X	-117.801	78
17	MP2C	Z	0	78
18	MP2C	Mx	-.089	78
19	MP2A	X	-85.087	18
20	MP2A	Z	0	18
21	MP2A	Mx	.043	18
22	MP2A	X	-85.087	78
23	MP2A	Z	0	78
24	MP2A	Mx	.043	78
25	MP2B	X	-117.801	18
26	MP2B	Z	0	18



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
27	MP2B	Mx	-.089	18
28	MP2B	X	-117.801	78
29	MP2B	Z	0	78
30	MP2B	Mx	-.089	78
31	MP2C	X	-117.801	18
32	MP2C	Z	0	18
33	MP2C	Mx	.03	18
34	MP2C	X	-117.801	78
35	MP2C	Z	0	78
36	MP2C	Mx	.03	78
37	MP2A	X	-39.822	48
38	MP2A	Z	0	48
39	MP2A	Mx	-.02	48
40	MP2B	X	-54.636	48
41	MP2B	Z	0	48
42	MP2B	Mx	.014	48
43	MP2C	X	-54.636	48
44	MP2C	Z	0	48
45	MP2C	Mx	.014	48
46	MP3A	X	-36.238	48
47	MP3A	Z	0	48
48	MP3A	Mx	-.018	48
49	MP3B	X	-53.74	48
50	MP3B	Z	0	48
51	MP3B	Mx	.013	48
52	MP3C	X	-53.74	48
53	MP3C	Z	0	48
54	MP3C	Mx	.013	48
55	MP1A	X	-29.31	12
56	MP1A	Z	0	12
57	MP1A	Mx	.015	12
58	MP1A	X	-29.31	36
59	MP1A	Z	0	36
60	MP1A	Mx	.015	36
61	MP1B	X	-63.477	12
62	MP1B	Z	0	12
63	MP1B	Mx	-.016	12
64	MP1B	X	-63.477	36
65	MP1B	Z	0	36
66	MP1B	Mx	-.016	36
67	MP1C	X	-63.477	12
68	MP1C	Z	0	12
69	MP1C	Mx	-.016	12
70	MP1C	X	-63.477	36
71	MP1C	Z	0	36
72	MP1C	Mx	-.016	36
73	MP4A	X	-86.102	3
74	MP4A	Z	0	3
75	MP4A	Mx	.043	3
76	MP4A	X	-86.102	57
77	MP4A	Z	0	57
78	MP4A	Mx	.043	57
79	MP4B	X	-119.13	3
80	MP4B	Z	0	3
81	MP4B	Mx	-.03	3
82	MP4B	X	-119.13	57
83	MP4B	Z	0	57



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
84	MP4B	Mx	-.03	57
85	MP4C	X	-119.13	3
86	MP4C	Z	0	3
87	MP4C	Mx	-.03	3
88	MP4C	X	-119.13	57
89	MP4C	Z	0	57
90	MP4C	Mx	-.03	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	-83.131	18
2	MP2A	Z	-47.996	18
3	MP2A	Mx	.014	18
4	MP2A	X	-83.131	78
5	MP2A	Z	-47.996	78
6	MP2A	Mx	.014	78
7	MP2B	X	-111.462	18
8	MP2B	Z	-64.353	18
9	MP2B	Mx	.075	18
10	MP2B	X	-111.462	78
11	MP2B	Z	-64.353	78
12	MP2B	Mx	.075	78
13	MP2C	X	-83.131	18
14	MP2C	Z	-47.996	18
15	MP2C	Mx	-.07	18
16	MP2C	X	-83.131	78
17	MP2C	Z	-47.996	78
18	MP2C	Mx	-.07	78
19	MP2A	X	-83.131	18
20	MP2A	Z	-47.996	18
21	MP2A	Mx	.07	18
22	MP2A	X	-83.131	78
23	MP2A	Z	-47.996	78
24	MP2A	Mx	.07	78
25	MP2B	X	-111.462	18
26	MP2B	Z	-64.353	18
27	MP2B	Mx	-.075	18
28	MP2B	X	-111.462	78
29	MP2B	Z	-64.353	78
30	MP2B	Mx	-.075	78
31	MP2C	X	-83.131	18
32	MP2C	Z	-47.996	18
33	MP2C	Mx	-.014	18
34	MP2C	X	-83.131	78
35	MP2C	Z	-47.996	78
36	MP2C	Mx	-.014	78
37	MP2A	X	-38.764	48
38	MP2A	Z	-22.38	48
39	MP2A	Mx	-.019	48
40	MP2B	X	-51.593	48
41	MP2B	Z	-29.787	48
42	MP2B	Mx	0	48
43	MP2C	X	-38.764	48
44	MP2C	Z	-22.38	48
45	MP2C	Mx	.019	48
46	MP3A	X	-36.436	48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
47	MP3A	Z	-21.036	48
48	MP3A	Mx	-.018	48
49	MP3B	X	-51.593	48
50	MP3B	Z	-29.787	48
51	MP3B	Mx	0	48
52	MP3C	X	-36.436	48
53	MP3C	Z	-21.036	48
54	MP3C	Mx	.018	48
55	MP1A	X	-35.246	12
56	MP1A	Z	-20.349	12
57	MP1A	Mx	.018	12
58	MP1A	X	-35.246	36
59	MP1A	Z	-20.349	36
60	MP1A	Mx	.018	36
61	MP1B	X	-64.836	12
62	MP1B	Z	-37.433	12
63	MP1B	Mx	0	12
64	MP1B	X	-64.836	36
65	MP1B	Z	-37.433	36
66	MP1B	Mx	0	36
67	MP1C	X	-35.246	12
68	MP1C	Z	-20.349	12
69	MP1C	Mx	-.018	12
70	MP1C	X	-35.246	36
71	MP1C	Z	-20.349	36
72	MP1C	Mx	-.018	36
73	MP4A	X	-84.101	3
74	MP4A	Z	-48.556	3
75	MP4A	Mx	.042	3
76	MP4A	X	-84.101	57
77	MP4A	Z	-48.556	57
78	MP4A	Mx	.042	57
79	MP4B	X	-112.704	3
80	MP4B	Z	-65.07	3
81	MP4B	Mx	0	3
82	MP4B	X	-112.704	57
83	MP4B	Z	-65.07	57
84	MP4B	Mx	0	57
85	MP4C	X	-84.101	3
86	MP4C	Z	-48.556	3
87	MP4C	Mx	-.042	3
88	MP4C	X	-84.101	57
89	MP4C	Z	-48.556	57
90	MP4C	Mx	-.042	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	-58.9	18
2	MP2A	Z	-102.019	18
3	MP2A	Mx	-.03	18
4	MP2A	X	-58.9	78
5	MP2A	Z	-102.019	78
6	MP2A	Mx	-.03	78
7	MP2B	X	-58.9	18
8	MP2B	Z	-102.019	18
9	MP2B	Mx	.089	18



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
10	MP2B	X	-58.9	78
11	MP2B	Z	-102.019	78
12	MP2B	Mx	.089	78
13	MP2C	X	-42.543	18
14	MP2C	Z	-73.687	18
15	MP2C	Mx	-.043	18
16	MP2C	X	-42.543	78
17	MP2C	Z	-73.687	78
18	MP2C	Mx	-.043	78
19	MP2A	X	-58.9	18
20	MP2A	Z	-102.019	18
21	MP2A	Mx	.089	18
22	MP2A	X	-58.9	78
23	MP2A	Z	-102.019	78
24	MP2A	Mx	.089	78
25	MP2B	X	-58.9	18
26	MP2B	Z	-102.019	18
27	MP2B	Mx	-.03	18
28	MP2B	X	-58.9	78
29	MP2B	Z	-102.019	78
30	MP2B	Mx	-.03	78
31	MP2C	X	-42.543	18
32	MP2C	Z	-73.687	18
33	MP2C	Mx	-.043	18
34	MP2C	X	-42.543	78
35	MP2C	Z	-73.687	78
36	MP2C	Mx	-.043	78
37	MP2A	X	-27.318	48
38	MP2A	Z	-47.316	48
39	MP2A	Mx	-.014	48
40	MP2B	X	-27.318	48
41	MP2B	Z	-47.316	48
42	MP2B	Mx	-.014	48
43	MP2C	X	-19.911	48
44	MP2C	Z	-34.487	48
45	MP2C	Mx	.02	48
46	MP3A	X	-26.87	48
47	MP3A	Z	-46.54	48
48	MP3A	Mx	-.013	48
49	MP3B	X	-26.87	48
50	MP3B	Z	-46.54	48
51	MP3B	Mx	-.013	48
52	MP3C	X	-18.119	48
53	MP3C	Z	-31.383	48
54	MP3C	Mx	.018	48
55	MP1A	X	-31.738	12
56	MP1A	Z	-54.973	12
57	MP1A	Mx	.016	12
58	MP1A	X	-31.738	36
59	MP1A	Z	-54.973	36
60	MP1A	Mx	.016	36
61	MP1B	X	-31.738	12
62	MP1B	Z	-54.973	12
63	MP1B	Mx	.016	12
64	MP1B	X	-31.738	36
65	MP1B	Z	-54.973	36
66	MP1B	Mx	.016	36



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in, %]
67	MP1C	X	-14.655	12
68	MP1C	Z	-25.383	12
69	MP1C	Mx	-.015	12
70	MP1C	X	-14.655	36
71	MP1C	Z	-25.383	36
72	MP1C	Mx	-.015	36
73	MP4A	X	-59.565	3
74	MP4A	Z	-103.169	3
75	MP4A	Mx	.03	3
76	MP4A	X	-59.565	57
77	MP4A	Z	-103.169	57
78	MP4A	Mx	.03	57
79	MP4B	X	-59.565	3
80	MP4B	Z	-103.169	3
81	MP4B	Mx	.03	3
82	MP4B	X	-59.565	57
83	MP4B	Z	-103.169	57
84	MP4B	Mx	.03	57
85	MP4C	X	-43.051	3
86	MP4C	Z	-74.566	3
87	MP4C	Mx	-.043	3
88	MP4C	X	-43.051	57
89	MP4C	Z	-74.566	57
90	MP4C	Mx	-.043	57

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in, %]
1	MP2A	X	0	18
2	MP2A	Z	-26.768	18
3	MP2A	Mx	-.016	18
4	MP2A	X	0	78
5	MP2A	Z	-26.768	78
6	MP2A	Mx	-.016	78
7	MP2B	X	0	18
8	MP2B	Z	-20.807	18
9	MP2B	Mx	.015	18
10	MP2B	X	0	78
11	MP2B	Z	-20.807	78
12	MP2B	Mx	.015	78
13	MP2C	X	0	18
14	MP2C	Z	-20.807	18
15	MP2C	Mx	-.003	18
16	MP2C	X	0	78
17	MP2C	Z	-20.807	78
18	MP2C	Mx	-.003	78
19	MP2A	X	0	18
20	MP2A	Z	-26.768	18
21	MP2A	Mx	.016	18
22	MP2A	X	0	78
23	MP2A	Z	-26.768	78
24	MP2A	Mx	.016	78
25	MP2B	X	0	18
26	MP2B	Z	-20.807	18
27	MP2B	Mx	.003	18
28	MP2B	X	0	78
29	MP2B	Z	-20.807	78



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
30	MP2B	Mx	.003	78
31	MP2C	X	0	18
32	MP2C	Z	-20.807	18
33	MP2C	Mx	-.015	18
34	MP2C	X	0	78
35	MP2C	Z	-20.807	78
36	MP2C	Mx	-.015	78
37	MP2A	X	0	48
38	MP2A	Z	-13.943	48
39	MP2A	Mx	0	48
40	MP2B	X	0	48
41	MP2B	Z	-10.901	48
42	MP2B	Mx	-.005	48
43	MP2C	X	0	48
44	MP2C	Z	-10.901	48
45	MP2C	Mx	.005	48
46	MP3A	X	0	48
47	MP3A	Z	-13.943	48
48	MP3A	Mx	0	48
49	MP3B	X	0	48
50	MP3B	Z	-10.353	48
51	MP3B	Mx	-.004	48
52	MP3C	X	0	48
53	MP3C	Z	-10.353	48
54	MP3C	Mx	.004	48
55	MP1A	X	0	12
56	MP1A	Z	-16.097	12
57	MP1A	Mx	0	12
58	MP1A	X	0	36
59	MP1A	Z	-16.097	36
60	MP1A	Mx	0	36
61	MP1B	X	0	12
62	MP1B	Z	-9.386	12
63	MP1B	Mx	.004	12
64	MP1B	X	0	36
65	MP1B	Z	-9.386	36
66	MP1B	Mx	.004	36
67	MP1C	X	0	12
68	MP1C	Z	-9.386	12
69	MP1C	Mx	-.004	12
70	MP1C	X	0	36
71	MP1C	Z	-9.386	36
72	MP1C	Mx	-.004	36
73	MP4A	X	0	3
74	MP4A	Z	-27.061	3
75	MP4A	Mx	0	3
76	MP4A	X	0	57
77	MP4A	Z	-27.061	57
78	MP4A	Mx	0	57
79	MP4B	X	0	3
80	MP4B	Z	-21.036	3
81	MP4B	Mx	.009	3
82	MP4B	X	0	57
83	MP4B	Z	-21.036	57
84	MP4B	Mx	.009	57
85	MP4C	X	0	3
86	MP4C	Z	-21.036	3



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in, %]
87	MP4C	Mx	-0.009	3
88	MP4C	X	0	57
89	MP4C	Z	-21.036	57
90	MP4C	Mx	-0.009	57

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in, %]
1	MP2A	X	12.39	18
2	MP2A	Z	-21.461	18
3	MP2A	Mx	-0.019	18
4	MP2A	X	12.39	78
5	MP2A	Z	-21.461	78
6	MP2A	Mx	-0.019	78
7	MP2B	X	9.41	18
8	MP2B	Z	-16.298	18
9	MP2B	Mx	.009	18
10	MP2B	X	9.41	78
11	MP2B	Z	-16.298	78
12	MP2B	Mx	.009	78
13	MP2C	X	12.39	18
14	MP2C	Z	-21.461	18
15	MP2C	Mx	.006	18
16	MP2C	X	12.39	78
17	MP2C	Z	-21.461	78
18	MP2C	Mx	.006	78
19	MP2A	X	12.39	18
20	MP2A	Z	-21.461	18
21	MP2A	Mx	.006	18
22	MP2A	X	12.39	78
23	MP2A	Z	-21.461	78
24	MP2A	Mx	.006	78
25	MP2B	X	9.41	18
26	MP2B	Z	-16.298	18
27	MP2B	Mx	.009	18
28	MP2B	X	9.41	78
29	MP2B	Z	-16.298	78
30	MP2B	Mx	.009	78
31	MP2C	X	12.39	18
32	MP2C	Z	-21.461	18
33	MP2C	Mx	-0.019	18
34	MP2C	X	12.39	78
35	MP2C	Z	-21.461	78
36	MP2C	Mx	-0.019	78
37	MP2A	X	6.464	48
38	MP2A	Z	-11.197	48
39	MP2A	Mx	.003	48
40	MP2B	X	4.944	48
41	MP2B	Z	-8.562	48
42	MP2B	Mx	-0.005	48
43	MP2C	X	6.464	48
44	MP2C	Z	-11.197	48
45	MP2C	Mx	.003	48
46	MP3A	X	6.373	48
47	MP3A	Z	-11.039	48
48	MP3A	Mx	.003	48
49	MP3B	X	4.578	48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
50	MP3B	Z	-7.93	48
51	MP3B	Mx	-0.005	48
52	MP3C	X	6.373	48
53	MP3C	Z	-11.039	48
54	MP3C	Mx	.003	48
55	MP1A	X	6.93	12
56	MP1A	Z	-12.003	12
57	MP1A	Mx	-0.003	12
58	MP1A	X	6.93	36
59	MP1A	Z	-12.003	36
60	MP1A	Mx	-0.003	36
61	MP1B	X	3.574	12
62	MP1B	Z	-6.191	12
63	MP1B	Mx	.004	12
64	MP1B	X	3.574	36
65	MP1B	Z	-6.191	36
66	MP1B	Mx	.004	36
67	MP1C	X	6.93	12
68	MP1C	Z	-12.003	12
69	MP1C	Mx	-0.003	12
70	MP1C	X	6.93	36
71	MP1C	Z	-12.003	36
72	MP1C	Mx	-0.003	36
73	MP4A	X	12.526	3
74	MP4A	Z	-21.697	3
75	MP4A	Mx	-0.006	3
76	MP4A	X	12.526	57
77	MP4A	Z	-21.697	57
78	MP4A	Mx	-0.006	57
79	MP4B	X	9.514	3
80	MP4B	Z	-16.479	3
81	MP4B	Mx	.01	3
82	MP4B	X	9.514	57
83	MP4B	Z	-16.479	57
84	MP4B	Mx	.01	57
85	MP4C	X	12.526	3
86	MP4C	Z	-21.697	3
87	MP4C	Mx	-0.006	3
88	MP4C	X	12.526	57
89	MP4C	Z	-21.697	57
90	MP4C	Mx	-0.006	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	18.019	18
2	MP2A	Z	-10.403	18
3	MP2A	Mx	-0.015	18
4	MP2A	X	18.019	78
5	MP2A	Z	-10.403	78
6	MP2A	Mx	-0.015	78
7	MP2B	X	18.019	18
8	MP2B	Z	-10.403	18
9	MP2B	Mx	.003	18
10	MP2B	X	18.019	78
11	MP2B	Z	-10.403	78
12	MP2B	Mx	.003	78



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
13	MP2C	X	23.182	18
14	MP2C	Z	-13.384	18
15	MP2C	Mx	.016	18
16	MP2C	X	23.182	78
17	MP2C	Z	-13.384	78
18	MP2C	Mx	.016	78
19	MP2A	X	18.019	18
20	MP2A	Z	-10.403	18
21	MP2A	Mx	-.003	18
22	MP2A	X	18.019	78
23	MP2A	Z	-10.403	78
24	MP2A	Mx	-.003	78
25	MP2B	X	18.019	18
26	MP2B	Z	-10.403	18
27	MP2B	Mx	.015	18
28	MP2B	X	18.019	78
29	MP2B	Z	-10.403	78
30	MP2B	Mx	.015	78
31	MP2C	X	23.182	18
32	MP2C	Z	-13.384	18
33	MP2C	Mx	-.016	18
34	MP2C	X	23.182	78
35	MP2C	Z	-13.384	78
36	MP2C	Mx	-.016	78
37	MP2A	X	9.441	48
38	MP2A	Z	-5.45	48
39	MP2A	Mx	.005	48
40	MP2B	X	9.441	48
41	MP2B	Z	-5.45	48
42	MP2B	Mx	-.005	48
43	MP2C	X	12.075	48
44	MP2C	Z	-6.971	48
45	MP2C	Mx	0	48
46	MP3A	X	8.966	48
47	MP3A	Z	-5.177	48
48	MP3A	Mx	.004	48
49	MP3B	X	8.966	48
50	MP3B	Z	-5.177	48
51	MP3B	Mx	-.004	48
52	MP3C	X	12.075	48
53	MP3C	Z	-6.971	48
54	MP3C	Mx	0	48
55	MP1A	X	8.128	12
56	MP1A	Z	-4.693	12
57	MP1A	Mx	-.004	12
58	MP1A	X	8.128	36
59	MP1A	Z	-4.693	36
60	MP1A	Mx	-.004	36
61	MP1B	X	8.128	12
62	MP1B	Z	-4.693	12
63	MP1B	Mx	.004	12
64	MP1B	X	8.128	36
65	MP1B	Z	-4.693	36
66	MP1B	Mx	.004	36
67	MP1C	X	13.94	12
68	MP1C	Z	-8.048	12
69	MP1C	Mx	0	12



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
70	MP1C	X	13.94	36
71	MP1C	Z	-8.048	36
72	MP1C	Mx	0	36
73	MP4A	X	18.218	3
74	MP4A	Z	-10.518	3
75	MP4A	Mx	-.009	3
76	MP4A	X	18.218	57
77	MP4A	Z	-10.518	57
78	MP4A	Mx	-.009	57
79	MP4B	X	18.218	3
80	MP4B	Z	-10.518	3
81	MP4B	Mx	.009	3
82	MP4B	X	18.218	57
83	MP4B	Z	-10.518	57
84	MP4B	Mx	.009	57
85	MP4C	X	23.436	3
86	MP4C	Z	-13.531	3
87	MP4C	Mx	0	3
88	MP4C	X	23.436	57
89	MP4C	Z	-13.531	57
90	MP4C	Mx	0	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	18.819	18
2	MP2A	Z	0	18
3	MP2A	Mx	-.009	18
4	MP2A	X	18.819	78
5	MP2A	Z	0	78
6	MP2A	Mx	-.009	78
7	MP2B	X	24.781	18
8	MP2B	Z	0	18
9	MP2B	Mx	-.006	18
10	MP2B	X	24.781	78
11	MP2B	Z	0	78
12	MP2B	Mx	-.006	78
13	MP2C	X	24.781	18
14	MP2C	Z	0	18
15	MP2C	Mx	.019	18
16	MP2C	X	24.781	78
17	MP2C	Z	0	78
18	MP2C	Mx	.019	78
19	MP2A	X	18.819	18
20	MP2A	Z	0	18
21	MP2A	Mx	-.009	18
22	MP2A	X	18.819	78
23	MP2A	Z	0	78
24	MP2A	Mx	-.009	78
25	MP2B	X	24.781	18
26	MP2B	Z	0	18
27	MP2B	Mx	.019	18
28	MP2B	X	24.781	78
29	MP2B	Z	0	78
30	MP2B	Mx	.019	78
31	MP2C	X	24.781	18
32	MP2C	Z	0	18



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
33	MP2C	Mx	-.006	18
34	MP2C	X	24.781	78
35	MP2C	Z	0	78
36	MP2C	Mx	-.006	78
37	MP2A	X	9.887	48
38	MP2A	Z	0	48
39	MP2A	Mx	.005	48
40	MP2B	X	12.929	48
41	MP2B	Z	0	48
42	MP2B	Mx	-.003	48
43	MP2C	X	12.929	48
44	MP2C	Z	0	48
45	MP2C	Mx	-.003	48
46	MP3A	X	9.157	48
47	MP3A	Z	0	48
48	MP3A	Mx	.005	48
49	MP3B	X	12.746	48
50	MP3B	Z	0	48
51	MP3B	Mx	-.003	48
52	MP3C	X	12.746	48
53	MP3C	Z	0	48
54	MP3C	Mx	-.003	48
55	MP1A	X	7.148	12
56	MP1A	Z	0	12
57	MP1A	Mx	-.004	12
58	MP1A	X	7.148	36
59	MP1A	Z	0	36
60	MP1A	Mx	-.004	36
61	MP1B	X	13.86	12
62	MP1B	Z	0	12
63	MP1B	Mx	.003	12
64	MP1B	X	13.86	36
65	MP1B	Z	0	36
66	MP1B	Mx	.003	36
67	MP1C	X	13.86	12
68	MP1C	Z	0	12
69	MP1C	Mx	.003	12
70	MP1C	X	13.86	36
71	MP1C	Z	0	36
72	MP1C	Mx	.003	36
73	MP4A	X	19.028	3
74	MP4A	Z	0	3
75	MP4A	Mx	-.01	3
76	MP4A	X	19.028	57
77	MP4A	Z	0	57
78	MP4A	Mx	-.01	57
79	MP4B	X	25.053	3
80	MP4B	Z	0	3
81	MP4B	Mx	.006	3
82	MP4B	X	25.053	57
83	MP4B	Z	0	57
84	MP4B	Mx	.006	57
85	MP4C	X	25.053	3
86	MP4C	Z	0	3
87	MP4C	Mx	.006	3
88	MP4C	X	25.053	57
89	MP4C	Z	0	57



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
90	MP4C	Mx	.006	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	18.019	18
2	MP2A	Z	10.403	18
3	MP2A	Mx	-.003	18
4	MP2A	X	18.019	78
5	MP2A	Z	10.403	78
6	MP2A	Mx	-.003	78
7	MP2B	X	23.182	18
8	MP2B	Z	13.384	18
9	MP2B	Mx	-.016	18
10	MP2B	X	23.182	78
11	MP2B	Z	13.384	78
12	MP2B	Mx	-.016	78
13	MP2C	X	18.019	18
14	MP2C	Z	10.403	18
15	MP2C	Mx	.015	18
16	MP2C	X	18.019	78
17	MP2C	Z	10.403	78
18	MP2C	Mx	.015	78
19	MP2A	X	18.019	18
20	MP2A	Z	10.403	18
21	MP2A	Mx	-.015	18
22	MP2A	X	18.019	78
23	MP2A	Z	10.403	78
24	MP2A	Mx	-.015	78
25	MP2B	X	23.182	18
26	MP2B	Z	13.384	18
27	MP2B	Mx	.016	18
28	MP2B	X	23.182	78
29	MP2B	Z	13.384	78
30	MP2B	Mx	.016	78
31	MP2C	X	18.019	18
32	MP2C	Z	10.403	18
33	MP2C	Mx	.003	18
34	MP2C	X	18.019	78
35	MP2C	Z	10.403	78
36	MP2C	Mx	.003	78
37	MP2A	X	9.441	48
38	MP2A	Z	5.45	48
39	MP2A	Mx	.005	48
40	MP2B	X	12.075	48
41	MP2B	Z	6.971	48
42	MP2B	Mx	0	48
43	MP2C	X	9.441	48
44	MP2C	Z	5.45	48
45	MP2C	Mx	-.005	48
46	MP3A	X	8.966	48
47	MP3A	Z	5.177	48
48	MP3A	Mx	.004	48
49	MP3B	X	12.075	48
50	MP3B	Z	6.971	48
51	MP3B	Mx	0	48
52	MP3C	X	8.966	48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
53	MP3C	Z	5.177	48
54	MP3C	Mx	-.004	48
55	MP1A	X	8.128	12
56	MP1A	Z	4.693	12
57	MP1A	Mx	-.004	12
58	MP1A	X	8.128	36
59	MP1A	Z	4.693	36
60	MP1A	Mx	-.004	36
61	MP1B	X	13.94	12
62	MP1B	Z	8.048	12
63	MP1B	Mx	0	12
64	MP1B	X	13.94	36
65	MP1B	Z	8.048	36
66	MP1B	Mx	0	36
67	MP1C	X	8.128	12
68	MP1C	Z	4.693	12
69	MP1C	Mx	.004	12
70	MP1C	X	8.128	36
71	MP1C	Z	4.693	36
72	MP1C	Mx	.004	36
73	MP4A	X	18.218	3
74	MP4A	Z	10.518	3
75	MP4A	Mx	-.009	3
76	MP4A	X	18.218	57
77	MP4A	Z	10.518	57
78	MP4A	Mx	-.009	57
79	MP4B	X	23.436	3
80	MP4B	Z	13.531	3
81	MP4B	Mx	0	3
82	MP4B	X	23.436	57
83	MP4B	Z	13.531	57
84	MP4B	Mx	0	57
85	MP4C	X	18.218	3
86	MP4C	Z	10.518	3
87	MP4C	Mx	.009	3
88	MP4C	X	18.218	57
89	MP4C	Z	10.518	57
90	MP4C	Mx	.009	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	12.39	18
2	MP2A	Z	21.461	18
3	MP2A	Mx	.006	18
4	MP2A	X	12.39	78
5	MP2A	Z	21.461	78
6	MP2A	Mx	.006	78
7	MP2B	X	12.39	18
8	MP2B	Z	21.461	18
9	MP2B	Mx	-.019	18
10	MP2B	X	12.39	78
11	MP2B	Z	21.461	78
12	MP2B	Mx	-.019	78
13	MP2C	X	9.41	18
14	MP2C	Z	16.298	18
15	MP2C	Mx	.009	18



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
16	MP2C	X	9.41	78
17	MP2C	Z	16.298	78
18	MP2C	Mx	.009	78
19	MP2A	X	12.39	18
20	MP2A	Z	21.461	18
21	MP2A	Mx	-.019	18
22	MP2A	X	12.39	78
23	MP2A	Z	21.461	78
24	MP2A	Mx	-.019	78
25	MP2B	X	12.39	18
26	MP2B	Z	21.461	18
27	MP2B	Mx	.006	18
28	MP2B	X	12.39	78
29	MP2B	Z	21.461	78
30	MP2B	Mx	.006	78
31	MP2C	X	9.41	18
32	MP2C	Z	16.298	18
33	MP2C	Mx	.009	18
34	MP2C	X	9.41	78
35	MP2C	Z	16.298	78
36	MP2C	Mx	.009	78
37	MP2A	X	6.464	48
38	MP2A	Z	11.197	48
39	MP2A	Mx	.003	48
40	MP2B	X	6.464	48
41	MP2B	Z	11.197	48
42	MP2B	Mx	.003	48
43	MP2C	X	4.944	48
44	MP2C	Z	8.562	48
45	MP2C	Mx	-.005	48
46	MP3A	X	6.373	48
47	MP3A	Z	11.039	48
48	MP3A	Mx	.003	48
49	MP3B	X	6.373	48
50	MP3B	Z	11.039	48
51	MP3B	Mx	.003	48
52	MP3C	X	4.578	48
53	MP3C	Z	7.93	48
54	MP3C	Mx	-.005	48
55	MP1A	X	6.93	12
56	MP1A	Z	12.003	12
57	MP1A	Mx	-.003	12
58	MP1A	X	6.93	36
59	MP1A	Z	12.003	36
60	MP1A	Mx	-.003	36
61	MP1B	X	6.93	12
62	MP1B	Z	12.003	12
63	MP1B	Mx	-.003	12
64	MP1B	X	6.93	36
65	MP1B	Z	12.003	36
66	MP1B	Mx	-.003	36
67	MP1C	X	3.574	12
68	MP1C	Z	6.191	12
69	MP1C	Mx	.004	12
70	MP1C	X	3.574	36
71	MP1C	Z	6.191	36
72	MP1C	Mx	.004	36



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
73	MP4A	X	12.526	3
74	MP4A	Z	21.697	3
75	MP4A	Mx	-.006	3
76	MP4A	X	12.526	57
77	MP4A	Z	21.697	57
78	MP4A	Mx	-.006	57
79	MP4B	X	12.526	3
80	MP4B	Z	21.697	3
81	MP4B	Mx	-.006	3
82	MP4B	X	12.526	57
83	MP4B	Z	21.697	57
84	MP4B	Mx	-.006	57
85	MP4C	X	9.514	3
86	MP4C	Z	16.479	3
87	MP4C	Mx	.01	3
88	MP4C	X	9.514	57
89	MP4C	Z	16.479	57
90	MP4C	Mx	.01	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	0	18
2	MP2A	Z	26.768	18
3	MP2A	Mx	.016	18
4	MP2A	X	0	78
5	MP2A	Z	26.768	78
6	MP2A	Mx	.016	78
7	MP2B	X	0	18
8	MP2B	Z	20.807	18
9	MP2B	Mx	-.015	18
10	MP2B	X	0	78
11	MP2B	Z	20.807	78
12	MP2B	Mx	-.015	78
13	MP2C	X	0	18
14	MP2C	Z	20.807	18
15	MP2C	Mx	.003	18
16	MP2C	X	0	78
17	MP2C	Z	20.807	78
18	MP2C	Mx	.003	78
19	MP2A	X	0	18
20	MP2A	Z	26.768	18
21	MP2A	Mx	-.016	18
22	MP2A	X	0	78
23	MP2A	Z	26.768	78
24	MP2A	Mx	-.016	78
25	MP2B	X	0	18
26	MP2B	Z	20.807	18
27	MP2B	Mx	-.003	18
28	MP2B	X	0	78
29	MP2B	Z	20.807	78
30	MP2B	Mx	-.003	78
31	MP2C	X	0	18
32	MP2C	Z	20.807	18
33	MP2C	Mx	.015	18
34	MP2C	X	0	78
35	MP2C	Z	20.807	78



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
36	MP2C	Mx	.015	78
37	MP2A	X	0	48
38	MP2A	Z	13.943	48
39	MP2A	Mx	0	48
40	MP2B	X	0	48
41	MP2B	Z	10.901	48
42	MP2B	Mx	.005	48
43	MP2C	X	0	48
44	MP2C	Z	10.901	48
45	MP2C	Mx	-.005	48
46	MP3A	X	0	48
47	MP3A	Z	13.943	48
48	MP3A	Mx	0	48
49	MP3B	X	0	48
50	MP3B	Z	10.353	48
51	MP3B	Mx	.004	48
52	MP3C	X	0	48
53	MP3C	Z	10.353	48
54	MP3C	Mx	-.004	48
55	MP1A	X	0	12
56	MP1A	Z	16.097	12
57	MP1A	Mx	0	12
58	MP1A	X	0	36
59	MP1A	Z	16.097	36
60	MP1A	Mx	0	36
61	MP1B	X	0	12
62	MP1B	Z	9.386	12
63	MP1B	Mx	-.004	12
64	MP1B	X	0	36
65	MP1B	Z	9.386	36
66	MP1B	Mx	-.004	36
67	MP1C	X	0	12
68	MP1C	Z	9.386	12
69	MP1C	Mx	.004	12
70	MP1C	X	0	36
71	MP1C	Z	9.386	36
72	MP1C	Mx	.004	36
73	MP4A	X	0	3
74	MP4A	Z	27.061	3
75	MP4A	Mx	0	3
76	MP4A	X	0	57
77	MP4A	Z	27.061	57
78	MP4A	Mx	0	57
79	MP4B	X	0	3
80	MP4B	Z	21.036	3
81	MP4B	Mx	-.009	3
82	MP4B	X	0	57
83	MP4B	Z	21.036	57
84	MP4B	Mx	-.009	57
85	MP4C	X	0	3
86	MP4C	Z	21.036	3
87	MP4C	Mx	.009	3
88	MP4C	X	0	57
89	MP4C	Z	21.036	57
90	MP4C	Mx	.009	57



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	-12.39	18
2	MP2A	Z	21.461	18
3	MP2A	Mx	.019	18
4	MP2A	X	-12.39	78
5	MP2A	Z	21.461	78
6	MP2A	Mx	.019	78
7	MP2B	X	-9.41	18
8	MP2B	Z	16.298	18
9	MP2B	Mx	-.009	18
10	MP2B	X	-9.41	78
11	MP2B	Z	16.298	78
12	MP2B	Mx	-.009	78
13	MP2C	X	-12.39	18
14	MP2C	Z	21.461	18
15	MP2C	Mx	-.006	18
16	MP2C	X	-12.39	78
17	MP2C	Z	21.461	78
18	MP2C	Mx	-.006	78
19	MP2A	X	-12.39	18
20	MP2A	Z	21.461	18
21	MP2A	Mx	-.006	18
22	MP2A	X	-12.39	78
23	MP2A	Z	21.461	78
24	MP2A	Mx	-.006	78
25	MP2B	X	-9.41	18
26	MP2B	Z	16.298	18
27	MP2B	Mx	-.009	18
28	MP2B	X	-9.41	78
29	MP2B	Z	16.298	78
30	MP2B	Mx	-.009	78
31	MP2C	X	-12.39	18
32	MP2C	Z	21.461	18
33	MP2C	Mx	.019	18
34	MP2C	X	-12.39	78
35	MP2C	Z	21.461	78
36	MP2C	Mx	.019	78
37	MP2A	X	-6.464	48
38	MP2A	Z	11.197	48
39	MP2A	Mx	-.003	48
40	MP2B	X	-4.944	48
41	MP2B	Z	8.562	48
42	MP2B	Mx	.005	48
43	MP2C	X	-6.464	48
44	MP2C	Z	11.197	48
45	MP2C	Mx	-.003	48
46	MP3A	X	-6.373	48
47	MP3A	Z	11.039	48
48	MP3A	Mx	-.003	48
49	MP3B	X	-4.578	48
50	MP3B	Z	7.93	48
51	MP3B	Mx	.005	48
52	MP3C	X	-6.373	48
53	MP3C	Z	11.039	48
54	MP3C	Mx	-.003	48
55	MP1A	X	-6.93	12
56	MP1A	Z	12.003	12
57	MP1A	Mx	.003	12



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
58	MP1A	X	-6.93	36
59	MP1A	Z	12.003	36
60	MP1A	Mx	.003	36
61	MP1B	X	-3.574	12
62	MP1B	Z	6.191	12
63	MP1B	Mx	-.004	12
64	MP1B	X	-3.574	36
65	MP1B	Z	6.191	36
66	MP1B	Mx	-.004	36
67	MP1C	X	-6.93	12
68	MP1C	Z	12.003	12
69	MP1C	Mx	.003	12
70	MP1C	X	-6.93	36
71	MP1C	Z	12.003	36
72	MP1C	Mx	.003	36
73	MP4A	X	-12.526	3
74	MP4A	Z	21.697	3
75	MP4A	Mx	.006	3
76	MP4A	X	-12.526	57
77	MP4A	Z	21.697	57
78	MP4A	Mx	.006	57
79	MP4B	X	-9.514	3
80	MP4B	Z	16.479	3
81	MP4B	Mx	-.01	3
82	MP4B	X	-9.514	57
83	MP4B	Z	16.479	57
84	MP4B	Mx	-.01	57
85	MP4C	X	-12.526	3
86	MP4C	Z	21.697	3
87	MP4C	Mx	.006	3
88	MP4C	X	-12.526	57
89	MP4C	Z	21.697	57
90	MP4C	Mx	.006	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	-18.019	18
2	MP2A	Z	10.403	18
3	MP2A	Mx	.015	18
4	MP2A	X	-18.019	78
5	MP2A	Z	10.403	78
6	MP2A	Mx	.015	78
7	MP2B	X	-18.019	18
8	MP2B	Z	10.403	18
9	MP2B	Mx	-.003	18
10	MP2B	X	-18.019	78
11	MP2B	Z	10.403	78
12	MP2B	Mx	-.003	78
13	MP2C	X	-23.182	18
14	MP2C	Z	13.384	18
15	MP2C	Mx	-.016	18
16	MP2C	X	-23.182	78
17	MP2C	Z	13.384	78
18	MP2C	Mx	-.016	78
19	MP2A	X	-18.019	18
20	MP2A	Z	10.403	18



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
21	MP2A	Mx	.003	18
22	MP2A	X	-18.019	78
23	MP2A	Z	10.403	78
24	MP2A	Mx	.003	78
25	MP2B	X	-18.019	18
26	MP2B	Z	10.403	18
27	MP2B	Mx	-.015	18
28	MP2B	X	-18.019	78
29	MP2B	Z	10.403	78
30	MP2B	Mx	-.015	78
31	MP2C	X	-23.182	18
32	MP2C	Z	13.384	18
33	MP2C	Mx	.016	18
34	MP2C	X	-23.182	78
35	MP2C	Z	13.384	78
36	MP2C	Mx	.016	78
37	MP2A	X	-9.441	48
38	MP2A	Z	5.45	48
39	MP2A	Mx	-.005	48
40	MP2B	X	-9.441	48
41	MP2B	Z	5.45	48
42	MP2B	Mx	.005	48
43	MP2C	X	-12.075	48
44	MP2C	Z	6.971	48
45	MP2C	Mx	0	48
46	MP3A	X	-8.966	48
47	MP3A	Z	5.177	48
48	MP3A	Mx	-.004	48
49	MP3B	X	-8.966	48
50	MP3B	Z	5.177	48
51	MP3B	Mx	.004	48
52	MP3C	X	-12.075	48
53	MP3C	Z	6.971	48
54	MP3C	Mx	0	48
55	MP1A	X	-8.128	12
56	MP1A	Z	4.693	12
57	MP1A	Mx	.004	12
58	MP1A	X	-8.128	36
59	MP1A	Z	4.693	36
60	MP1A	Mx	.004	36
61	MP1B	X	-8.128	12
62	MP1B	Z	4.693	12
63	MP1B	Mx	-.004	12
64	MP1B	X	-8.128	36
65	MP1B	Z	4.693	36
66	MP1B	Mx	-.004	36
67	MP1C	X	-13.94	12
68	MP1C	Z	8.048	12
69	MP1C	Mx	0	12
70	MP1C	X	-13.94	36
71	MP1C	Z	8.048	36
72	MP1C	Mx	0	36
73	MP4A	X	-18.218	3
74	MP4A	Z	10.518	3
75	MP4A	Mx	.009	3
76	MP4A	X	-18.218	57
77	MP4A	Z	10.518	57



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
78	MP4A	Mx	.009	57
79	MP4B	X	-18.218	3
80	MP4B	Z	10.518	3
81	MP4B	Mx	-.009	3
82	MP4B	X	-18.218	57
83	MP4B	Z	10.518	57
84	MP4B	Mx	-.009	57
85	MP4C	X	-23.436	3
86	MP4C	Z	13.531	3
87	MP4C	Mx	0	3
88	MP4C	X	-23.436	57
89	MP4C	Z	13.531	57
90	MP4C	Mx	0	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	-18.819	18
2	MP2A	Z	0	18
3	MP2A	Mx	.009	18
4	MP2A	X	-18.819	78
5	MP2A	Z	0	78
6	MP2A	Mx	.009	78
7	MP2B	X	-24.781	18
8	MP2B	Z	0	18
9	MP2B	Mx	.006	18
10	MP2B	X	-24.781	78
11	MP2B	Z	0	78
12	MP2B	Mx	.006	78
13	MP2C	X	-24.781	18
14	MP2C	Z	0	18
15	MP2C	Mx	-.019	18
16	MP2C	X	-24.781	78
17	MP2C	Z	0	78
18	MP2C	Mx	-.019	78
19	MP2A	X	-18.819	18
20	MP2A	Z	0	18
21	MP2A	Mx	.009	18
22	MP2A	X	-18.819	78
23	MP2A	Z	0	78
24	MP2A	Mx	.009	78
25	MP2B	X	-24.781	18
26	MP2B	Z	0	18
27	MP2B	Mx	-.019	18
28	MP2B	X	-24.781	78
29	MP2B	Z	0	78
30	MP2B	Mx	-.019	78
31	MP2C	X	-24.781	18
32	MP2C	Z	0	18
33	MP2C	Mx	.006	18
34	MP2C	X	-24.781	78
35	MP2C	Z	0	78
36	MP2C	Mx	.006	78
37	MP2A	X	-9.887	48
38	MP2A	Z	0	48
39	MP2A	Mx	-.005	48
40	MP2B	X	-12.929	48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
41	MP2B	Z	0	48
42	MP2B	Mx	.003	48
43	MP2C	X	-12.929	48
44	MP2C	Z	0	48
45	MP2C	Mx	.003	48
46	MP3A	X	-9.157	48
47	MP3A	Z	0	48
48	MP3A	Mx	-.005	48
49	MP3B	X	-12.746	48
50	MP3B	Z	0	48
51	MP3B	Mx	.003	48
52	MP3C	X	-12.746	48
53	MP3C	Z	0	48
54	MP3C	Mx	.003	48
55	MP1A	X	-7.148	12
56	MP1A	Z	0	12
57	MP1A	Mx	.004	12
58	MP1A	X	-7.148	36
59	MP1A	Z	0	36
60	MP1A	Mx	.004	36
61	MP1B	X	-13.86	12
62	MP1B	Z	0	12
63	MP1B	Mx	-.003	12
64	MP1B	X	-13.86	36
65	MP1B	Z	0	36
66	MP1B	Mx	-.003	36
67	MP1C	X	-13.86	12
68	MP1C	Z	0	12
69	MP1C	Mx	-.003	12
70	MP1C	X	-13.86	36
71	MP1C	Z	0	36
72	MP1C	Mx	-.003	36
73	MP4A	X	-19.028	3
74	MP4A	Z	0	3
75	MP4A	Mx	.01	3
76	MP4A	X	-19.028	57
77	MP4A	Z	0	57
78	MP4A	Mx	.01	57
79	MP4B	X	-25.053	3
80	MP4B	Z	0	3
81	MP4B	Mx	-.006	3
82	MP4B	X	-25.053	57
83	MP4B	Z	0	57
84	MP4B	Mx	-.006	57
85	MP4C	X	-25.053	3
86	MP4C	Z	0	3
87	MP4C	Mx	-.006	3
88	MP4C	X	-25.053	57
89	MP4C	Z	0	57
90	MP4C	Mx	-.006	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	-18.019	18
2	MP2A	Z	-10.403	18
3	MP2A	Mx	.003	18



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
4	MP2A	X	-18.019	78
5	MP2A	Z	-10.403	78
6	MP2A	Mx	.003	78
7	MP2B	X	-23.182	18
8	MP2B	Z	-13.384	18
9	MP2B	Mx	.016	18
10	MP2B	X	-23.182	78
11	MP2B	Z	-13.384	78
12	MP2B	Mx	.016	78
13	MP2C	X	-18.019	18
14	MP2C	Z	-10.403	18
15	MP2C	Mx	-.015	18
16	MP2C	X	-18.019	78
17	MP2C	Z	-10.403	78
18	MP2C	Mx	-.015	78
19	MP2A	X	-18.019	18
20	MP2A	Z	-10.403	18
21	MP2A	Mx	.015	18
22	MP2A	X	-18.019	78
23	MP2A	Z	-10.403	78
24	MP2A	Mx	.015	78
25	MP2B	X	-23.182	18
26	MP2B	Z	-13.384	18
27	MP2B	Mx	-.016	18
28	MP2B	X	-23.182	78
29	MP2B	Z	-13.384	78
30	MP2B	Mx	-.016	78
31	MP2C	X	-18.019	18
32	MP2C	Z	-10.403	18
33	MP2C	Mx	-.003	18
34	MP2C	X	-18.019	78
35	MP2C	Z	-10.403	78
36	MP2C	Mx	-.003	78
37	MP2A	X	-9.441	48
38	MP2A	Z	-5.45	48
39	MP2A	Mx	-.005	48
40	MP2B	X	-12.075	48
41	MP2B	Z	-6.971	48
42	MP2B	Mx	0	48
43	MP2C	X	-9.441	48
44	MP2C	Z	-5.45	48
45	MP2C	Mx	.005	48
46	MP3A	X	-8.966	48
47	MP3A	Z	-5.177	48
48	MP3A	Mx	-.004	48
49	MP3B	X	-12.075	48
50	MP3B	Z	-6.971	48
51	MP3B	Mx	0	48
52	MP3C	X	-8.966	48
53	MP3C	Z	-5.177	48
54	MP3C	Mx	.004	48
55	MP1A	X	-8.128	12
56	MP1A	Z	-4.693	12
57	MP1A	Mx	.004	12
58	MP1A	X	-8.128	36
59	MP1A	Z	-4.693	36
60	MP1A	Mx	.004	36



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
61	MP1B	X	-13.94	12
62	MP1B	Z	-8.048	12
63	MP1B	Mx	0	12
64	MP1B	X	-13.94	36
65	MP1B	Z	-8.048	36
66	MP1B	Mx	0	36
67	MP1C	X	-8.128	12
68	MP1C	Z	-4.693	12
69	MP1C	Mx	-.004	12
70	MP1C	X	-8.128	36
71	MP1C	Z	-4.693	36
72	MP1C	Mx	-.004	36
73	MP4A	X	-18.218	3
74	MP4A	Z	-10.518	3
75	MP4A	Mx	.009	3
76	MP4A	X	-18.218	57
77	MP4A	Z	-10.518	57
78	MP4A	Mx	.009	57
79	MP4B	X	-23.436	3
80	MP4B	Z	-13.531	3
81	MP4B	Mx	0	3
82	MP4B	X	-23.436	57
83	MP4B	Z	-13.531	57
84	MP4B	Mx	0	57
85	MP4C	X	-18.218	3
86	MP4C	Z	-10.518	3
87	MP4C	Mx	-.009	3
88	MP4C	X	-18.218	57
89	MP4C	Z	-10.518	57
90	MP4C	Mx	-.009	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	-12.39	18
2	MP2A	Z	-21.461	18
3	MP2A	Mx	-.006	18
4	MP2A	X	-12.39	78
5	MP2A	Z	-21.461	78
6	MP2A	Mx	-.006	78
7	MP2B	X	-12.39	18
8	MP2B	Z	-21.461	18
9	MP2B	Mx	.019	18
10	MP2B	X	-12.39	78
11	MP2B	Z	-21.461	78
12	MP2B	Mx	.019	78
13	MP2C	X	-9.41	18
14	MP2C	Z	-16.298	18
15	MP2C	Mx	-.009	18
16	MP2C	X	-9.41	78
17	MP2C	Z	-16.298	78
18	MP2C	Mx	-.009	78
19	MP2A	X	-12.39	18
20	MP2A	Z	-21.461	18
21	MP2A	Mx	.019	18
22	MP2A	X	-12.39	78
23	MP2A	Z	-21.461	78



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
24	MP2A	Mx	.019	78
25	MP2B	X	-12.39	18
26	MP2B	Z	-21.461	18
27	MP2B	Mx	-.006	18
28	MP2B	X	-12.39	78
29	MP2B	Z	-21.461	78
30	MP2B	Mx	-.006	78
31	MP2C	X	-9.41	18
32	MP2C	Z	-16.298	18
33	MP2C	Mx	-.009	18
34	MP2C	X	-9.41	78
35	MP2C	Z	-16.298	78
36	MP2C	Mx	-.009	78
37	MP2A	X	-6.464	48
38	MP2A	Z	-11.197	48
39	MP2A	Mx	-.003	48
40	MP2B	X	-6.464	48
41	MP2B	Z	-11.197	48
42	MP2B	Mx	-.003	48
43	MP2C	X	-4.944	48
44	MP2C	Z	-8.562	48
45	MP2C	Mx	.005	48
46	MP3A	X	-6.373	48
47	MP3A	Z	-11.039	48
48	MP3A	Mx	-.003	48
49	MP3B	X	-6.373	48
50	MP3B	Z	-11.039	48
51	MP3B	Mx	-.003	48
52	MP3C	X	-4.578	48
53	MP3C	Z	-7.93	48
54	MP3C	Mx	.005	48
55	MP1A	X	-6.93	12
56	MP1A	Z	-12.003	12
57	MP1A	Mx	.003	12
58	MP1A	X	-6.93	36
59	MP1A	Z	-12.003	36
60	MP1A	Mx	.003	36
61	MP1B	X	-6.93	12
62	MP1B	Z	-12.003	12
63	MP1B	Mx	.003	12
64	MP1B	X	-6.93	36
65	MP1B	Z	-12.003	36
66	MP1B	Mx	.003	36
67	MP1C	X	-3.574	12
68	MP1C	Z	-6.191	12
69	MP1C	Mx	-.004	12
70	MP1C	X	-3.574	36
71	MP1C	Z	-6.191	36
72	MP1C	Mx	-.004	36
73	MP4A	X	-12.526	3
74	MP4A	Z	-21.697	3
75	MP4A	Mx	.006	3
76	MP4A	X	-12.526	57
77	MP4A	Z	-21.697	57
78	MP4A	Mx	.006	57
79	MP4B	X	-12.526	3
80	MP4B	Z	-21.697	3

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
81	MP4B	Mx	.006	3
82	MP4B	X	-12.526	57
83	MP4B	Z	-21.697	57
84	MP4B	Mx	.006	57
85	MP4C	X	-9.514	3
86	MP4C	Z	-16.479	3
87	MP4C	Mx	-.01	3
88	MP4C	X	-9.514	57
89	MP4C	Z	-16.479	57
90	MP4C	Mx	-.01	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
1	MP2A	X	0	18
2	MP2A	Z	-8.319	18
3	MP2A	Mx	-.005	18
4	MP2A	X	0	78
5	MP2A	Z	-8.319	78
6	MP2A	Mx	-.005	78
7	MP2B	X	0	18
8	MP2B	Z	-6.205	18
9	MP2B	Mx	.004	18
10	MP2B	X	0	78
11	MP2B	Z	-6.205	78
12	MP2B	Mx	.004	78
13	MP2C	X	0	18
14	MP2C	Z	-6.205	18
15	MP2C	Mx	-.000877	18
16	MP2C	X	0	78
17	MP2C	Z	-6.205	78
18	MP2C	Mx	-.000877	78
19	MP2A	X	0	18
20	MP2A	Z	-8.319	18
21	MP2A	Mx	.005	18
22	MP2A	X	0	78
23	MP2A	Z	-8.319	78
24	MP2A	Mx	.005	78
25	MP2B	X	0	18
26	MP2B	Z	-6.205	18
27	MP2B	Mx	.000877	18
28	MP2B	X	0	78
29	MP2B	Z	-6.205	78
30	MP2B	Mx	.000877	78
31	MP2C	X	0	18
32	MP2C	Z	-6.205	18
33	MP2C	Mx	-.004	18
34	MP2C	X	0	78
35	MP2C	Z	-6.205	78
36	MP2C	Mx	-.004	78
37	MP2A	X	0	48
38	MP2A	Z	-3.851	48
39	MP2A	Mx	0	48
40	MP2B	X	0	48
41	MP2B	Z	-2.893	48
42	MP2B	Mx	-.001	48
43	MP2C	X	0	48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
44	MP2C	Z	-2.893	48
45	MP2C	Mx	.001	48
46	MP3A	X	0	48
47	MP3A	Z	-3.851	48
48	MP3A	Mx	0	48
49	MP3B	X	0	48
50	MP3B	Z	-2.719	48
51	MP3B	Mx	-.001	48
52	MP3C	X	0	48
53	MP3C	Z	-2.719	48
54	MP3C	Mx	.001	48
55	MP1A	X	0	12
56	MP1A	Z	-4.839	12
57	MP1A	Mx	0	12
58	MP1A	X	0	36
59	MP1A	Z	-4.839	36
60	MP1A	Mx	0	36
61	MP1B	X	0	12
62	MP1B	Z	-2.631	12
63	MP1B	Mx	.001	12
64	MP1B	X	0	36
65	MP1B	Z	-2.631	36
66	MP1B	Mx	.001	36
67	MP1C	X	0	12
68	MP1C	Z	-2.631	12
69	MP1C	Mx	-.001	12
70	MP1C	X	0	36
71	MP1C	Z	-2.631	36
72	MP1C	Mx	-.001	36
73	MP4A	X	0	3
74	MP4A	Z	-8.412	3
75	MP4A	Mx	0	3
76	MP4A	X	0	57
77	MP4A	Z	-8.412	57
78	MP4A	Mx	0	57
79	MP4B	X	0	3
80	MP4B	Z	-6.277	3
81	MP4B	Mx	.003	3
82	MP4B	X	0	57
83	MP4B	Z	-6.277	57
84	MP4B	Mx	.003	57
85	MP4C	X	0	3
86	MP4C	Z	-6.277	3
87	MP4C	Mx	-.003	3
88	MP4C	X	0	57
89	MP4C	Z	-6.277	57
90	MP4C	Mx	-.003	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	3.807	18
2	MP2A	Z	-6.594	18
3	MP2A	Mx	-.006	18
4	MP2A	X	3.807	78
5	MP2A	Z	-6.594	78
6	MP2A	Mx	-.006	78



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
7	MP2B	X	2.75	18
8	MP2B	Z	-4.763	18
9	MP2B	Mx	.003	18
10	MP2B	X	2.75	78
11	MP2B	Z	-4.763	78
12	MP2B	Mx	.003	78
13	MP2C	X	3.807	18
14	MP2C	Z	-6.594	18
15	MP2C	Mx	.002	18
16	MP2C	X	3.807	78
17	MP2C	Z	-6.594	78
18	MP2C	Mx	.002	78
19	MP2A	X	3.807	18
20	MP2A	Z	-6.594	18
21	MP2A	Mx	.002	18
22	MP2A	X	3.807	78
23	MP2A	Z	-6.594	78
24	MP2A	Mx	.002	78
25	MP2B	X	2.75	18
26	MP2B	Z	-4.763	18
27	MP2B	Mx	.003	18
28	MP2B	X	2.75	78
29	MP2B	Z	-4.763	78
30	MP2B	Mx	.003	78
31	MP2C	X	3.807	18
32	MP2C	Z	-6.594	18
33	MP2C	Mx	-.006	18
34	MP2C	X	3.807	78
35	MP2C	Z	-6.594	78
36	MP2C	Mx	-.006	78
37	MP2A	X	1.766	48
38	MP2A	Z	-3.058	48
39	MP2A	Mx	.000883	48
40	MP2B	X	1.287	48
41	MP2B	Z	-2.229	48
42	MP2B	Mx	-.001	48
43	MP2C	X	1.766	48
44	MP2C	Z	-3.058	48
45	MP2C	Mx	.000883	48
46	MP3A	X	1.737	48
47	MP3A	Z	-3.008	48
48	MP3A	Mx	.000868	48
49	MP3B	X	1.171	48
50	MP3B	Z	-2.029	48
51	MP3B	Mx	-.001	48
52	MP3C	X	1.737	48
53	MP3C	Z	-3.008	48
54	MP3C	Mx	.000868	48
55	MP1A	X	2.051	12
56	MP1A	Z	-3.553	12
57	MP1A	Mx	-.001	12
58	MP1A	X	2.051	36
59	MP1A	Z	-3.553	36
60	MP1A	Mx	-.001	36
61	MP1B	X	.947	12
62	MP1B	Z	-1.641	12
63	MP1B	Mx	.000947	12



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
64	MP1B	X	.947	36
65	MP1B	Z	-1.641	36
66	MP1B	Mx	.000947	36
67	MP1C	X	2.051	12
68	MP1C	Z	-3.553	12
69	MP1C	Mx	-.001	12
70	MP1C	X	2.051	36
71	MP1C	Z	-3.553	36
72	MP1C	Mx	-.001	36
73	MP4A	X	3.85	3
74	MP4A	Z	-6.669	3
75	MP4A	Mx	-.002	3
76	MP4A	X	3.85	57
77	MP4A	Z	-6.669	57
78	MP4A	Mx	-.002	57
79	MP4B	X	2.783	3
80	MP4B	Z	-4.82	3
81	MP4B	Mx	.003	3
82	MP4B	X	2.783	57
83	MP4B	Z	-4.82	57
84	MP4B	Mx	.003	57
85	MP4C	X	3.85	3
86	MP4C	Z	-6.669	3
87	MP4C	Mx	-.002	3
88	MP4C	X	3.85	57
89	MP4C	Z	-6.669	57
90	MP4C	Mx	-.002	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	5.373	18
2	MP2A	Z	-3.102	18
3	MP2A	Mx	-.004	18
4	MP2A	X	5.373	78
5	MP2A	Z	-3.102	78
6	MP2A	Mx	-.004	78
7	MP2B	X	5.373	18
8	MP2B	Z	-3.102	18
9	MP2B	Mx	.000877	18
10	MP2B	X	5.373	78
11	MP2B	Z	-3.102	78
12	MP2B	Mx	.000877	78
13	MP2C	X	7.205	18
14	MP2C	Z	-4.16	18
15	MP2C	Mx	.005	18
16	MP2C	X	7.205	78
17	MP2C	Z	-4.16	78
18	MP2C	Mx	.005	78
19	MP2A	X	5.373	18
20	MP2A	Z	-3.102	18
21	MP2A	Mx	-.000877	18
22	MP2A	X	5.373	78
23	MP2A	Z	-3.102	78
24	MP2A	Mx	-.000877	78
25	MP2B	X	5.373	18
26	MP2B	Z	-3.102	18



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
27	MP2B	Mx	.004	18
28	MP2B	X	5.373	78
29	MP2B	Z	-3.102	78
30	MP2B	Mx	.004	78
31	MP2C	X	7.205	18
32	MP2C	Z	-4.16	18
33	MP2C	Mx	-.005	18
34	MP2C	X	7.205	78
35	MP2C	Z	-4.16	78
36	MP2C	Mx	-.005	78
37	MP2A	X	2.506	48
38	MP2A	Z	-1.447	48
39	MP2A	Mx	.001	48
40	MP2B	X	2.506	48
41	MP2B	Z	-1.447	48
42	MP2B	Mx	-.001	48
43	MP2C	X	3.335	48
44	MP2C	Z	-1.925	48
45	MP2C	Mx	0	48
46	MP3A	X	2.355	48
47	MP3A	Z	-1.36	48
48	MP3A	Mx	.001	48
49	MP3B	X	2.355	48
50	MP3B	Z	-1.36	48
51	MP3B	Mx	-.001	48
52	MP3C	X	3.335	48
53	MP3C	Z	-1.925	48
54	MP3C	Mx	0	48
55	MP1A	X	2.278	12
56	MP1A	Z	-1.315	12
57	MP1A	Mx	-.001	12
58	MP1A	X	2.278	36
59	MP1A	Z	-1.315	36
60	MP1A	Mx	-.001	36
61	MP1B	X	2.278	12
62	MP1B	Z	-1.315	12
63	MP1B	Mx	.001	12
64	MP1B	X	2.278	36
65	MP1B	Z	-1.315	36
66	MP1B	Mx	.001	36
67	MP1C	X	4.191	12
68	MP1C	Z	-2.42	12
69	MP1C	Mx	0	12
70	MP1C	X	4.191	36
71	MP1C	Z	-2.42	36
72	MP1C	Mx	0	36
73	MP4A	X	5.436	3
74	MP4A	Z	-3.138	3
75	MP4A	Mx	-.003	3
76	MP4A	X	5.436	57
77	MP4A	Z	-3.138	57
78	MP4A	Mx	-.003	57
79	MP4B	X	5.436	3
80	MP4B	Z	-3.138	3
81	MP4B	Mx	.003	3
82	MP4B	X	5.436	57
83	MP4B	Z	-3.138	57



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
84	MP4B	Mx	.003	57
85	MP4C	X	7.285	3
86	MP4C	Z	-4.206	3
87	MP4C	Mx	0	3
88	MP4C	X	7.285	57
89	MP4C	Z	-4.206	57
90	MP4C	Mx	0	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	5.5	18
2	MP2A	Z	0	18
3	MP2A	Mx	-.003	18
4	MP2A	X	5.5	78
5	MP2A	Z	0	78
6	MP2A	Mx	-.003	78
7	MP2B	X	7.614	18
8	MP2B	Z	0	18
9	MP2B	Mx	-.002	18
10	MP2B	X	7.614	78
11	MP2B	Z	0	78
12	MP2B	Mx	-.002	78
13	MP2C	X	7.614	18
14	MP2C	Z	0	18
15	MP2C	Mx	.006	18
16	MP2C	X	7.614	78
17	MP2C	Z	0	78
18	MP2C	Mx	.006	78
19	MP2A	X	5.5	18
20	MP2A	Z	0	18
21	MP2A	Mx	-.003	18
22	MP2A	X	5.5	78
23	MP2A	Z	0	78
24	MP2A	Mx	-.003	78
25	MP2B	X	7.614	18
26	MP2B	Z	0	18
27	MP2B	Mx	.006	18
28	MP2B	X	7.614	78
29	MP2B	Z	0	78
30	MP2B	Mx	.006	78
31	MP2C	X	7.614	18
32	MP2C	Z	0	18
33	MP2C	Mx	-.002	18
34	MP2C	X	7.614	78
35	MP2C	Z	0	78
36	MP2C	Mx	-.002	78
37	MP2A	X	2.574	48
38	MP2A	Z	0	48
39	MP2A	Mx	.001	48
40	MP2B	X	3.531	48
41	MP2B	Z	0	48
42	MP2B	Mx	-.000883	48
43	MP2C	X	3.531	48
44	MP2C	Z	0	48
45	MP2C	Mx	-.000883	48
46	MP3A	X	2.342	48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
47	MP3A	Z	0	48
48	MP3A	Mx	.001	48
49	MP3B	X	3.474	48
50	MP3B	Z	0	48
51	MP3B	Mx	-.000868	48
52	MP3C	X	3.474	48
53	MP3C	Z	0	48
54	MP3C	Mx	-.000868	48
55	MP1A	X	1.894	12
56	MP1A	Z	0	12
57	MP1A	Mx	-.000947	12
58	MP1A	X	1.894	36
59	MP1A	Z	0	36
60	MP1A	Mx	-.000947	36
61	MP1B	X	4.103	12
62	MP1B	Z	0	12
63	MP1B	Mx	.001	12
64	MP1B	X	4.103	36
65	MP1B	Z	0	36
66	MP1B	Mx	.001	36
67	MP1C	X	4.103	12
68	MP1C	Z	0	12
69	MP1C	Mx	.001	12
70	MP1C	X	4.103	36
71	MP1C	Z	0	36
72	MP1C	Mx	.001	36
73	MP4A	X	5.565	3
74	MP4A	Z	0	3
75	MP4A	Mx	-.003	3
76	MP4A	X	5.565	57
77	MP4A	Z	0	57
78	MP4A	Mx	-.003	57
79	MP4B	X	7.7	3
80	MP4B	Z	0	3
81	MP4B	Mx	.002	3
82	MP4B	X	7.7	57
83	MP4B	Z	0	57
84	MP4B	Mx	.002	57
85	MP4C	X	7.7	3
86	MP4C	Z	0	3
87	MP4C	Mx	.002	3
88	MP4C	X	7.7	57
89	MP4C	Z	0	57
90	MP4C	Mx	.002	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	5.373	18
2	MP2A	Z	3.102	18
3	MP2A	Mx	-.000877	18
4	MP2A	X	5.373	78
5	MP2A	Z	3.102	78
6	MP2A	Mx	-.000877	78
7	MP2B	X	7.205	18
8	MP2B	Z	4.16	18
9	MP2B	Mx	-.005	18



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
10	MP2B	X	7.205	78
11	MP2B	Z	4.16	78
12	MP2B	Mx	-.005	78
13	MP2C	X	5.373	18
14	MP2C	Z	3.102	18
15	MP2C	Mx	.004	18
16	MP2C	X	5.373	78
17	MP2C	Z	3.102	78
18	MP2C	Mx	.004	78
19	MP2A	X	5.373	18
20	MP2A	Z	3.102	18
21	MP2A	Mx	-.004	18
22	MP2A	X	5.373	78
23	MP2A	Z	3.102	78
24	MP2A	Mx	-.004	78
25	MP2B	X	7.205	18
26	MP2B	Z	4.16	18
27	MP2B	Mx	.005	18
28	MP2B	X	7.205	78
29	MP2B	Z	4.16	78
30	MP2B	Mx	.005	78
31	MP2C	X	5.373	18
32	MP2C	Z	3.102	18
33	MP2C	Mx	.000877	18
34	MP2C	X	5.373	78
35	MP2C	Z	3.102	78
36	MP2C	Mx	.000877	78
37	MP2A	X	2.506	48
38	MP2A	Z	1.447	48
39	MP2A	Mx	.001	48
40	MP2B	X	3.335	48
41	MP2B	Z	1.925	48
42	MP2B	Mx	0	48
43	MP2C	X	2.506	48
44	MP2C	Z	1.447	48
45	MP2C	Mx	-.001	48
46	MP3A	X	2.355	48
47	MP3A	Z	1.36	48
48	MP3A	Mx	.001	48
49	MP3B	X	3.335	48
50	MP3B	Z	1.925	48
51	MP3B	Mx	0	48
52	MP3C	X	2.355	48
53	MP3C	Z	1.36	48
54	MP3C	Mx	-.001	48
55	MP1A	X	2.278	12
56	MP1A	Z	1.315	12
57	MP1A	Mx	-.001	12
58	MP1A	X	2.278	36
59	MP1A	Z	1.315	36
60	MP1A	Mx	-.001	36
61	MP1B	X	4.191	12
62	MP1B	Z	2.42	12
63	MP1B	Mx	0	12
64	MP1B	X	4.191	36
65	MP1B	Z	2.42	36
66	MP1B	Mx	0	36



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
67	MP1C	X	2.278	12
68	MP1C	Z	1.315	12
69	MP1C	Mx	.001	12
70	MP1C	X	2.278	36
71	MP1C	Z	1.315	36
72	MP1C	Mx	.001	36
73	MP4A	X	5.436	3
74	MP4A	Z	3.138	3
75	MP4A	Mx	-.003	3
76	MP4A	X	5.436	57
77	MP4A	Z	3.138	57
78	MP4A	Mx	-.003	57
79	MP4B	X	7.285	3
80	MP4B	Z	4.206	3
81	MP4B	Mx	0	3
82	MP4B	X	7.285	57
83	MP4B	Z	4.206	57
84	MP4B	Mx	0	57
85	MP4C	X	5.436	3
86	MP4C	Z	3.138	3
87	MP4C	Mx	.003	3
88	MP4C	X	5.436	57
89	MP4C	Z	3.138	57
90	MP4C	Mx	.003	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	3.807	18
2	MP2A	Z	6.594	18
3	MP2A	Mx	.002	18
4	MP2A	X	3.807	78
5	MP2A	Z	6.594	78
6	MP2A	Mx	.002	78
7	MP2B	X	3.807	18
8	MP2B	Z	6.594	18
9	MP2B	Mx	-.006	18
10	MP2B	X	3.807	78
11	MP2B	Z	6.594	78
12	MP2B	Mx	-.006	78
13	MP2C	X	2.75	18
14	MP2C	Z	4.763	18
15	MP2C	Mx	.003	18
16	MP2C	X	2.75	78
17	MP2C	Z	4.763	78
18	MP2C	Mx	.003	78
19	MP2A	X	3.807	18
20	MP2A	Z	6.594	18
21	MP2A	Mx	-.006	18
22	MP2A	X	3.807	78
23	MP2A	Z	6.594	78
24	MP2A	Mx	-.006	78
25	MP2B	X	3.807	18
26	MP2B	Z	6.594	18
27	MP2B	Mx	.002	18
28	MP2B	X	3.807	78
29	MP2B	Z	6.594	78



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
30	MP2B	Mx	.002	78
31	MP2C	X	2.75	18
32	MP2C	Z	4.763	18
33	MP2C	Mx	.003	18
34	MP2C	X	2.75	78
35	MP2C	Z	4.763	78
36	MP2C	Mx	.003	78
37	MP2A	X	1.766	48
38	MP2A	Z	3.058	48
39	MP2A	Mx	.000883	48
40	MP2B	X	1.766	48
41	MP2B	Z	3.058	48
42	MP2B	Mx	.000883	48
43	MP2C	X	1.287	48
44	MP2C	Z	2.229	48
45	MP2C	Mx	-.001	48
46	MP3A	X	1.737	48
47	MP3A	Z	3.008	48
48	MP3A	Mx	.000868	48
49	MP3B	X	1.737	48
50	MP3B	Z	3.008	48
51	MP3B	Mx	.000868	48
52	MP3C	X	1.171	48
53	MP3C	Z	2.029	48
54	MP3C	Mx	-.001	48
55	MP1A	X	2.051	12
56	MP1A	Z	3.553	12
57	MP1A	Mx	-.001	12
58	MP1A	X	2.051	36
59	MP1A	Z	3.553	36
60	MP1A	Mx	-.001	36
61	MP1B	X	2.051	12
62	MP1B	Z	3.553	12
63	MP1B	Mx	-.001	12
64	MP1B	X	2.051	36
65	MP1B	Z	3.553	36
66	MP1B	Mx	-.001	36
67	MP1C	X	.947	12
68	MP1C	Z	1.641	12
69	MP1C	Mx	.000947	12
70	MP1C	X	.947	36
71	MP1C	Z	1.641	36
72	MP1C	Mx	.000947	36
73	MP4A	X	3.85	3
74	MP4A	Z	6.669	3
75	MP4A	Mx	-.002	3
76	MP4A	X	3.85	57
77	MP4A	Z	6.669	57
78	MP4A	Mx	-.002	57
79	MP4B	X	3.85	3
80	MP4B	Z	6.669	3
81	MP4B	Mx	-.002	3
82	MP4B	X	3.85	57
83	MP4B	Z	6.669	57
84	MP4B	Mx	-.002	57
85	MP4C	X	2.783	3
86	MP4C	Z	4.82	3



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in, %]
87	MP4C	Mx	.003	3
88	MP4C	X	2.783	57
89	MP4C	Z	4.82	57
90	MP4C	Mx	.003	57

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in, %]
1	MP2A	X	0	18
2	MP2A	Z	8.319	18
3	MP2A	Mx	.005	18
4	MP2A	X	0	78
5	MP2A	Z	8.319	78
6	MP2A	Mx	.005	78
7	MP2B	X	0	18
8	MP2B	Z	6.205	18
9	MP2B	Mx	-.004	18
10	MP2B	X	0	78
11	MP2B	Z	6.205	78
12	MP2B	Mx	-.004	78
13	MP2C	X	0	18
14	MP2C	Z	6.205	18
15	MP2C	Mx	.000877	18
16	MP2C	X	0	78
17	MP2C	Z	6.205	78
18	MP2C	Mx	.000877	78
19	MP2A	X	0	18
20	MP2A	Z	8.319	18
21	MP2A	Mx	-.005	18
22	MP2A	X	0	78
23	MP2A	Z	8.319	78
24	MP2A	Mx	-.005	78
25	MP2B	X	0	18
26	MP2B	Z	6.205	18
27	MP2B	Mx	-.000877	18
28	MP2B	X	0	78
29	MP2B	Z	6.205	78
30	MP2B	Mx	-.000877	78
31	MP2C	X	0	18
32	MP2C	Z	6.205	18
33	MP2C	Mx	.004	18
34	MP2C	X	0	78
35	MP2C	Z	6.205	78
36	MP2C	Mx	.004	78
37	MP2A	X	0	48
38	MP2A	Z	3.851	48
39	MP2A	Mx	0	48
40	MP2B	X	0	48
41	MP2B	Z	2.893	48
42	MP2B	Mx	.001	48
43	MP2C	X	0	48
44	MP2C	Z	2.893	48
45	MP2C	Mx	-.001	48
46	MP3A	X	0	48
47	MP3A	Z	3.851	48
48	MP3A	Mx	0	48
49	MP3B	X	0	48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
50	MP3B	Z	2.719	48
51	MP3B	Mx	.001	48
52	MP3C	X	0	48
53	MP3C	Z	2.719	48
54	MP3C	Mx	-.001	48
55	MP1A	X	0	12
56	MP1A	Z	4.839	12
57	MP1A	Mx	0	12
58	MP1A	X	0	36
59	MP1A	Z	4.839	36
60	MP1A	Mx	0	36
61	MP1B	X	0	12
62	MP1B	Z	2.631	12
63	MP1B	Mx	-.001	12
64	MP1B	X	0	36
65	MP1B	Z	2.631	36
66	MP1B	Mx	-.001	36
67	MP1C	X	0	12
68	MP1C	Z	2.631	12
69	MP1C	Mx	.001	12
70	MP1C	X	0	36
71	MP1C	Z	2.631	36
72	MP1C	Mx	.001	36
73	MP4A	X	0	3
74	MP4A	Z	8.412	3
75	MP4A	Mx	0	3
76	MP4A	X	0	57
77	MP4A	Z	8.412	57
78	MP4A	Mx	0	57
79	MP4B	X	0	3
80	MP4B	Z	6.277	3
81	MP4B	Mx	-.003	3
82	MP4B	X	0	57
83	MP4B	Z	6.277	57
84	MP4B	Mx	-.003	57
85	MP4C	X	0	3
86	MP4C	Z	6.277	3
87	MP4C	Mx	.003	3
88	MP4C	X	0	57
89	MP4C	Z	6.277	57
90	MP4C	Mx	.003	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	-3.807	18
2	MP2A	Z	6.594	18
3	MP2A	Mx	.006	18
4	MP2A	X	-3.807	78
5	MP2A	Z	6.594	78
6	MP2A	Mx	.006	78
7	MP2B	X	-2.75	18
8	MP2B	Z	4.763	18
9	MP2B	Mx	-.003	18
10	MP2B	X	-2.75	78
11	MP2B	Z	4.763	78
12	MP2B	Mx	-.003	78



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
13	MP2C	X	-3.807	18
14	MP2C	Z	6.594	18
15	MP2C	Mx	-.002	18
16	MP2C	X	-3.807	78
17	MP2C	Z	6.594	78
18	MP2C	Mx	-.002	78
19	MP2A	X	-3.807	18
20	MP2A	Z	6.594	18
21	MP2A	Mx	-.002	18
22	MP2A	X	-3.807	78
23	MP2A	Z	6.594	78
24	MP2A	Mx	-.002	78
25	MP2B	X	-2.75	18
26	MP2B	Z	4.763	18
27	MP2B	Mx	-.003	18
28	MP2B	X	-2.75	78
29	MP2B	Z	4.763	78
30	MP2B	Mx	-.003	78
31	MP2C	X	-3.807	18
32	MP2C	Z	6.594	18
33	MP2C	Mx	.006	18
34	MP2C	X	-3.807	78
35	MP2C	Z	6.594	78
36	MP2C	Mx	.006	78
37	MP2A	X	-1.766	48
38	MP2A	Z	3.058	48
39	MP2A	Mx	-.000883	48
40	MP2B	X	-1.287	48
41	MP2B	Z	2.229	48
42	MP2B	Mx	.001	48
43	MP2C	X	-1.766	48
44	MP2C	Z	3.058	48
45	MP2C	Mx	-.000883	48
46	MP3A	X	-1.737	48
47	MP3A	Z	3.008	48
48	MP3A	Mx	-.000868	48
49	MP3B	X	-1.171	48
50	MP3B	Z	2.029	48
51	MP3B	Mx	.001	48
52	MP3C	X	-1.737	48
53	MP3C	Z	3.008	48
54	MP3C	Mx	-.000868	48
55	MP1A	X	-2.051	12
56	MP1A	Z	3.553	12
57	MP1A	Mx	.001	12
58	MP1A	X	-2.051	36
59	MP1A	Z	3.553	36
60	MP1A	Mx	.001	36
61	MP1B	X	-.947	12
62	MP1B	Z	1.641	12
63	MP1B	Mx	-.000947	12
64	MP1B	X	-.947	36
65	MP1B	Z	1.641	36
66	MP1B	Mx	-.000947	36
67	MP1C	X	-2.051	12
68	MP1C	Z	3.553	12
69	MP1C	Mx	.001	12



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
70	MP1C	X	-2.051	36
71	MP1C	Z	3.553	36
72	MP1C	Mx	.001	36
73	MP4A	X	-3.85	3
74	MP4A	Z	6.669	3
75	MP4A	Mx	.002	3
76	MP4A	X	-3.85	57
77	MP4A	Z	6.669	57
78	MP4A	Mx	.002	57
79	MP4B	X	-2.783	3
80	MP4B	Z	4.82	3
81	MP4B	Mx	-.003	3
82	MP4B	X	-2.783	57
83	MP4B	Z	4.82	57
84	MP4B	Mx	-.003	57
85	MP4C	X	-3.85	3
86	MP4C	Z	6.669	3
87	MP4C	Mx	.002	3
88	MP4C	X	-3.85	57
89	MP4C	Z	6.669	57
90	MP4C	Mx	.002	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	-5.373	18
2	MP2A	Z	3.102	18
3	MP2A	Mx	.004	18
4	MP2A	X	-5.373	78
5	MP2A	Z	3.102	78
6	MP2A	Mx	.004	78
7	MP2B	X	-5.373	18
8	MP2B	Z	3.102	18
9	MP2B	Mx	-.000877	18
10	MP2B	X	-5.373	78
11	MP2B	Z	3.102	78
12	MP2B	Mx	-.000877	78
13	MP2C	X	-7.205	18
14	MP2C	Z	4.16	18
15	MP2C	Mx	-.005	18
16	MP2C	X	-7.205	78
17	MP2C	Z	4.16	78
18	MP2C	Mx	-.005	78
19	MP2A	X	-5.373	18
20	MP2A	Z	3.102	18
21	MP2A	Mx	.000877	18
22	MP2A	X	-5.373	78
23	MP2A	Z	3.102	78
24	MP2A	Mx	.000877	78
25	MP2B	X	-5.373	18
26	MP2B	Z	3.102	18
27	MP2B	Mx	-.004	18
28	MP2B	X	-5.373	78
29	MP2B	Z	3.102	78
30	MP2B	Mx	-.004	78
31	MP2C	X	-7.205	18
32	MP2C	Z	4.16	18



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
33	MP2C	Mx	.005	18
34	MP2C	X	-7.205	78
35	MP2C	Z	4.16	78
36	MP2C	Mx	.005	78
37	MP2A	X	-2.506	48
38	MP2A	Z	1.447	48
39	MP2A	Mx	-.001	48
40	MP2B	X	-2.506	48
41	MP2B	Z	1.447	48
42	MP2B	Mx	.001	48
43	MP2C	X	-3.335	48
44	MP2C	Z	1.925	48
45	MP2C	Mx	0	48
46	MP3A	X	-2.355	48
47	MP3A	Z	1.36	48
48	MP3A	Mx	-.001	48
49	MP3B	X	-2.355	48
50	MP3B	Z	1.36	48
51	MP3B	Mx	.001	48
52	MP3C	X	-3.335	48
53	MP3C	Z	1.925	48
54	MP3C	Mx	0	48
55	MP1A	X	-2.278	12
56	MP1A	Z	1.315	12
57	MP1A	Mx	.001	12
58	MP1A	X	-2.278	36
59	MP1A	Z	1.315	36
60	MP1A	Mx	.001	36
61	MP1B	X	-2.278	12
62	MP1B	Z	1.315	12
63	MP1B	Mx	-.001	12
64	MP1B	X	-2.278	36
65	MP1B	Z	1.315	36
66	MP1B	Mx	-.001	36
67	MP1C	X	-4.191	12
68	MP1C	Z	2.42	12
69	MP1C	Mx	0	12
70	MP1C	X	-4.191	36
71	MP1C	Z	2.42	36
72	MP1C	Mx	0	36
73	MP4A	X	-5.436	3
74	MP4A	Z	3.138	3
75	MP4A	Mx	.003	3
76	MP4A	X	-5.436	57
77	MP4A	Z	3.138	57
78	MP4A	Mx	.003	57
79	MP4B	X	-5.436	3
80	MP4B	Z	3.138	3
81	MP4B	Mx	-.003	3
82	MP4B	X	-5.436	57
83	MP4B	Z	3.138	57
84	MP4B	Mx	-.003	57
85	MP4C	X	-7.285	3
86	MP4C	Z	4.206	3
87	MP4C	Mx	0	3
88	MP4C	X	-7.285	57
89	MP4C	Z	4.206	57



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
90	MP4C	Mx	0	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	-5.5	18
2	MP2A	Z	0	18
3	MP2A	Mx	.003	18
4	MP2A	X	-5.5	78
5	MP2A	Z	0	78
6	MP2A	Mx	.003	78
7	MP2B	X	-7.614	18
8	MP2B	Z	0	18
9	MP2B	Mx	.002	18
10	MP2B	X	-7.614	78
11	MP2B	Z	0	78
12	MP2B	Mx	.002	78
13	MP2C	X	-7.614	18
14	MP2C	Z	0	18
15	MP2C	Mx	-.006	18
16	MP2C	X	-7.614	78
17	MP2C	Z	0	78
18	MP2C	Mx	-.006	78
19	MP2A	X	-5.5	18
20	MP2A	Z	0	18
21	MP2A	Mx	.003	18
22	MP2A	X	-5.5	78
23	MP2A	Z	0	78
24	MP2A	Mx	.003	78
25	MP2B	X	-7.614	18
26	MP2B	Z	0	18
27	MP2B	Mx	-.006	18
28	MP2B	X	-7.614	78
29	MP2B	Z	0	78
30	MP2B	Mx	-.006	78
31	MP2C	X	-7.614	18
32	MP2C	Z	0	18
33	MP2C	Mx	.002	18
34	MP2C	X	-7.614	78
35	MP2C	Z	0	78
36	MP2C	Mx	.002	78
37	MP2A	X	-2.574	48
38	MP2A	Z	0	48
39	MP2A	Mx	-.001	48
40	MP2B	X	-3.531	48
41	MP2B	Z	0	48
42	MP2B	Mx	.000883	48
43	MP2C	X	-3.531	48
44	MP2C	Z	0	48
45	MP2C	Mx	.000883	48
46	MP3A	X	-2.342	48
47	MP3A	Z	0	48
48	MP3A	Mx	-.001	48
49	MP3B	X	-3.474	48
50	MP3B	Z	0	48
51	MP3B	Mx	.000868	48
52	MP3C	X	-3.474	48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
53	MP3C	Z	0	48
54	MP3C	Mx	.000868	48
55	MP1A	X	-1.894	12
56	MP1A	Z	0	12
57	MP1A	Mx	.000947	12
58	MP1A	X	-1.894	36
59	MP1A	Z	0	36
60	MP1A	Mx	.000947	36
61	MP1B	X	-4.103	12
62	MP1B	Z	0	12
63	MP1B	Mx	-.001	12
64	MP1B	X	-4.103	36
65	MP1B	Z	0	36
66	MP1B	Mx	-.001	36
67	MP1C	X	-4.103	12
68	MP1C	Z	0	12
69	MP1C	Mx	-.001	12
70	MP1C	X	-4.103	36
71	MP1C	Z	0	36
72	MP1C	Mx	-.001	36
73	MP4A	X	-5.565	3
74	MP4A	Z	0	3
75	MP4A	Mx	.003	3
76	MP4A	X	-5.565	57
77	MP4A	Z	0	57
78	MP4A	Mx	.003	57
79	MP4B	X	-7.7	3
80	MP4B	Z	0	3
81	MP4B	Mx	-.002	3
82	MP4B	X	-7.7	57
83	MP4B	Z	0	57
84	MP4B	Mx	-.002	57
85	MP4C	X	-7.7	3
86	MP4C	Z	0	3
87	MP4C	Mx	-.002	3
88	MP4C	X	-7.7	57
89	MP4C	Z	0	57
90	MP4C	Mx	-.002	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	-5.373	18
2	MP2A	Z	-3.102	18
3	MP2A	Mx	.000877	18
4	MP2A	X	-5.373	78
5	MP2A	Z	-3.102	78
6	MP2A	Mx	.000877	78
7	MP2B	X	-7.205	18
8	MP2B	Z	-4.16	18
9	MP2B	Mx	.005	18
10	MP2B	X	-7.205	78
11	MP2B	Z	-4.16	78
12	MP2B	Mx	.005	78
13	MP2C	X	-5.373	18
14	MP2C	Z	-3.102	18
15	MP2C	Mx	-.004	18



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
16	MP2C	X	-5.373	78
17	MP2C	Z	-3.102	78
18	MP2C	Mx	-.004	78
19	MP2A	X	-5.373	18
20	MP2A	Z	-3.102	18
21	MP2A	Mx	.004	18
22	MP2A	X	-5.373	78
23	MP2A	Z	-3.102	78
24	MP2A	Mx	.004	78
25	MP2B	X	-7.205	18
26	MP2B	Z	-4.16	18
27	MP2B	Mx	-.005	18
28	MP2B	X	-7.205	78
29	MP2B	Z	-4.16	78
30	MP2B	Mx	-.005	78
31	MP2C	X	-5.373	18
32	MP2C	Z	-3.102	18
33	MP2C	Mx	-.000877	18
34	MP2C	X	-5.373	78
35	MP2C	Z	-3.102	78
36	MP2C	Mx	-.000877	78
37	MP2A	X	-2.506	48
38	MP2A	Z	-1.447	48
39	MP2A	Mx	-.001	48
40	MP2B	X	-3.335	48
41	MP2B	Z	-1.925	48
42	MP2B	Mx	0	48
43	MP2C	X	-2.506	48
44	MP2C	Z	-1.447	48
45	MP2C	Mx	.001	48
46	MP3A	X	-2.355	48
47	MP3A	Z	-1.36	48
48	MP3A	Mx	-.001	48
49	MP3B	X	-3.335	48
50	MP3B	Z	-1.925	48
51	MP3B	Mx	0	48
52	MP3C	X	-2.355	48
53	MP3C	Z	-1.36	48
54	MP3C	Mx	.001	48
55	MP1A	X	-2.278	12
56	MP1A	Z	-1.315	12
57	MP1A	Mx	.001	12
58	MP1A	X	-2.278	36
59	MP1A	Z	-1.315	36
60	MP1A	Mx	.001	36
61	MP1B	X	-4.191	12
62	MP1B	Z	-2.42	12
63	MP1B	Mx	0	12
64	MP1B	X	-4.191	36
65	MP1B	Z	-2.42	36
66	MP1B	Mx	0	36
67	MP1C	X	-2.278	12
68	MP1C	Z	-1.315	12
69	MP1C	Mx	-.001	12
70	MP1C	X	-2.278	36
71	MP1C	Z	-1.315	36
72	MP1C	Mx	-.001	36



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
73	MP4A	X	-5.436	3
74	MP4A	Z	-3.138	3
75	MP4A	Mx	.003	3
76	MP4A	X	-5.436	57
77	MP4A	Z	-3.138	57
78	MP4A	Mx	.003	57
79	MP4B	X	-7.285	3
80	MP4B	Z	-4.206	3
81	MP4B	Mx	0	3
82	MP4B	X	-7.285	57
83	MP4B	Z	-4.206	57
84	MP4B	Mx	0	57
85	MP4C	X	-5.436	3
86	MP4C	Z	-3.138	3
87	MP4C	Mx	-.003	3
88	MP4C	X	-5.436	57
89	MP4C	Z	-3.138	57
90	MP4C	Mx	-.003	57

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP2A	X	-3.807	18
2	MP2A	Z	-6.594	18
3	MP2A	Mx	-.002	18
4	MP2A	X	-3.807	78
5	MP2A	Z	-6.594	78
6	MP2A	Mx	-.002	78
7	MP2B	X	-3.807	18
8	MP2B	Z	-6.594	18
9	MP2B	Mx	.006	18
10	MP2B	X	-3.807	78
11	MP2B	Z	-6.594	78
12	MP2B	Mx	.006	78
13	MP2C	X	-2.75	18
14	MP2C	Z	-4.763	18
15	MP2C	Mx	-.003	18
16	MP2C	X	-2.75	78
17	MP2C	Z	-4.763	78
18	MP2C	Mx	-.003	78
19	MP2A	X	-3.807	18
20	MP2A	Z	-6.594	18
21	MP2A	Mx	.006	18
22	MP2A	X	-3.807	78
23	MP2A	Z	-6.594	78
24	MP2A	Mx	.006	78
25	MP2B	X	-3.807	18
26	MP2B	Z	-6.594	18
27	MP2B	Mx	-.002	18
28	MP2B	X	-3.807	78
29	MP2B	Z	-6.594	78
30	MP2B	Mx	-.002	78
31	MP2C	X	-2.75	18
32	MP2C	Z	-4.763	18
33	MP2C	Mx	-.003	18
34	MP2C	X	-2.75	78
35	MP2C	Z	-4.763	78



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
36	MP2C	Mx	-.003	78
37	MP2A	X	-1.766	48
38	MP2A	Z	-3.058	48
39	MP2A	Mx	-.000883	48
40	MP2B	X	-1.766	48
41	MP2B	Z	-3.058	48
42	MP2B	Mx	-.000883	48
43	MP2C	X	-1.287	48
44	MP2C	Z	-2.229	48
45	MP2C	Mx	.001	48
46	MP3A	X	-1.737	48
47	MP3A	Z	-3.008	48
48	MP3A	Mx	-.000868	48
49	MP3B	X	-1.737	48
50	MP3B	Z	-3.008	48
51	MP3B	Mx	-.000868	48
52	MP3C	X	-1.171	48
53	MP3C	Z	-2.029	48
54	MP3C	Mx	.001	48
55	MP1A	X	-2.051	12
56	MP1A	Z	-3.553	12
57	MP1A	Mx	.001	12
58	MP1A	X	-2.051	36
59	MP1A	Z	-3.553	36
60	MP1A	Mx	.001	36
61	MP1B	X	-2.051	12
62	MP1B	Z	-3.553	12
63	MP1B	Mx	.001	12
64	MP1B	X	-2.051	36
65	MP1B	Z	-3.553	36
66	MP1B	Mx	.001	36
67	MP1C	X	-.947	12
68	MP1C	Z	-1.641	12
69	MP1C	Mx	-.000947	12
70	MP1C	X	-.947	36
71	MP1C	Z	-1.641	36
72	MP1C	Mx	-.000947	36
73	MP4A	X	-3.85	3
74	MP4A	Z	-6.669	3
75	MP4A	Mx	.002	3
76	MP4A	X	-3.85	57
77	MP4A	Z	-6.669	57
78	MP4A	Mx	.002	57
79	MP4B	X	-3.85	3
80	MP4B	Z	-6.669	3
81	MP4B	Mx	.002	3
82	MP4B	X	-3.85	57
83	MP4B	Z	-6.669	57
84	MP4B	Mx	.002	57
85	MP4C	X	-2.783	3
86	MP4C	Z	-4.82	3
87	MP4C	Mx	-.003	3
88	MP4C	X	-2.783	57
89	MP4C	Z	-4.82	57
90	MP4C	Mx	-.003	57



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	M54	Y	-500	%99

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	M54	Y	-500	%51

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	M54	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	M54	Y	-250	%50

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F...]	Start Location[in.%]	End Location[in.%]
1	M51	Y	-9.729	-9.729	0	%100
2	M54	Y	-9.729	-9.729	0	%100
3	M89B	Y	-8.672	-8.672	0	%100
4	M90A	Y	-8.672	-8.672	0	%100
5	M89C	Y	-8.672	-8.672	0	%100
6	M90C	Y	-8.672	-8.672	0	%100
7	M87C	Y	-11.092	-11.092	0	%100
8	M88C	Y	-11.092	-11.092	0	%100
9	M89D	Y	-8.672	-8.672	0	%100
10	M90B	Y	-10.042	-10.042	0	%100
11	M91A	Y	-10.042	-10.042	0	%100
12	M92A	Y	-7.162	-7.162	0	%100
13	M86A	Y	-10.042	-10.042	0	%100
14	M87D	Y	-10.042	-10.042	0	%100
15	M87E	Y	-7.162	-7.162	0	%100
16	M88D	Y	-7.162	-7.162	0	%100
17	M89A	Y	-10.042	-10.042	0	%100
18	M90	Y	-10.042	-10.042	0	%100
19	M91	Y	-7.162	-7.162	0	%100
20	M92	Y	-7.162	-7.162	0	%100
21	M82A	Y	-11.092	-11.092	0	%100
22	M83A	Y	-8.672	-8.672	0	%100
23	M84A	Y	-11.092	-11.092	0	%100
24	M85A	Y	-10.042	-10.042	0	%100
25	M86B	Y	-10.042	-10.042	0	%100
26	M87F	Y	-7.162	-7.162	0	%100
27	M88E	Y	-10.042	-10.042	0	%100
28	M89E	Y	-10.042	-10.042	0	%100
29	M90D	Y	-7.162	-7.162	0	%100
30	M91B	Y	-10.042	-10.042	0	%100
31	M92B	Y	-10.042	-10.042	0	%100
32	M93	Y	-7.162	-7.162	0	%100
33	M94	Y	-7.162	-7.162	0	%100
34	M95	Y	-7.162	-7.162	0	%100
35	M47	Y	-9.729	-9.729	0	%100
36	M48	Y	-9.729	-9.729	0	%100
37	M51A	Y	-8.672	-8.672	0	%100
38	M52	Y	-8.672	-8.672	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
39	M55	-8.672	-8.672	0	%100
40	M56	-8.672	-8.672	0	%100
41	M57	-11.092	-11.092	0	%100
42	M58	-11.092	-11.092	0	0
43	M59	-8.672	-8.672	0	%100
44	M60	-10.042	-10.042	0	%100
45	M61	-10.042	-10.042	0	%100
46	M62	-7.162	-7.162	0	%100
47	M63	-10.042	-10.042	0	%100
48	M64	-10.042	-10.042	0	%100
49	M65	-7.162	-7.162	0	%100
50	M66	-7.162	-7.162	0	%100
51	M67	-10.042	-10.042	0	%100
52	M68	-10.042	-10.042	0	%100
53	M69	-7.162	-7.162	0	%100
54	M70	-7.162	-7.162	0	%100
55	M71	-11.092	-11.092	0	%100
56	M72	-8.672	-8.672	0	%100
57	M73	-11.092	-11.092	0	%100
58	M74	-10.042	-10.042	0	%100
59	M75	-10.042	-10.042	0	%100
60	M76	-7.162	-7.162	0	%100
61	M77	-10.042	-10.042	0	%100
62	M78	-10.042	-10.042	0	%100
63	M79	-7.162	-7.162	0	%100
64	M80	-10.042	-10.042	0	%100
65	M81	-10.042	-10.042	0	%100
66	M82	-7.162	-7.162	0	%100
67	M83	-7.162	-7.162	0	%100
68	M84	-7.162	-7.162	0	%100
69	M93A	-9.729	-9.729	0	%100
70	M94A	-9.729	-9.729	0	%100
71	M97	-8.672	-8.672	0	%100
72	M98	-8.672	-8.672	0	%100
73	M101	-8.672	-8.672	0	%100
74	M102	-8.672	-8.672	0	%100
75	M103	-11.092	-11.092	0	0
76	M104	-11.092	-11.092	0	%100
77	M105	-8.672	-8.672	0	%100
78	M106	-10.042	-10.042	0	%100
79	M107	-10.042	-10.042	0	%100
80	M108	-7.162	-7.162	0	%100
81	M109	-10.042	-10.042	0	%100
82	M110	-10.042	-10.042	0	%100
83	M111	-7.162	-7.162	0	%100
84	M112	-7.162	-7.162	0	%100
85	M113	-10.042	-10.042	0	%100
86	M114	-10.042	-10.042	0	%100
87	M115	-7.162	-7.162	0	%100
88	M116	-7.162	-7.162	0	%100
89	M117	-11.092	-11.092	0	%100
90	M118	-8.672	-8.672	0	%100
91	M119	-11.092	-11.092	0	%100
92	M120	-10.042	-10.042	0	%100
93	M121	-10.042	-10.042	0	%100
94	M122	-7.162	-7.162	0	%100
95	M123	-10.042	-10.042	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
96	M124	Y	-10.042	-10.042	0	%100
97	M125	Y	-7.162	-7.162	0	%100
98	M126	Y	-10.042	-10.042	0	%100
99	M127	Y	-10.042	-10.042	0	%100
100	M128	Y	-7.162	-7.162	0	%100
101	M129	Y	-7.162	-7.162	0	%100
102	M130	Y	-7.162	-7.162	0	%100
103	MP1A	Y	-8.672	-8.672	0	%100
104	MP4A	Y	-8.672	-8.672	0	%100
105	MP2A	Y	-8.672	-8.672	0	%100
106	MP3A	Y	-8.672	-8.672	0	%100
107	MP1C	Y	-8.672	-8.672	0	%100
108	MP4C	Y	-8.672	-8.672	0	%100
109	MP2C	Y	-8.672	-8.672	0	%100
110	MP3C	Y	-8.672	-8.672	0	%100
111	MP1B	Y	-8.672	-8.672	0	%100
112	MP4B	Y	-8.672	-8.672	0	%100
113	MP2B	Y	-8.672	-8.672	0	%100
114	MP3B	Y	-8.672	-8.672	0	%100
115	M163	Y	-9.729	-9.729	0	%100
116	M164	Y	-9.729	-9.729	0	%100
117	M165	Y	-9.729	-9.729	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M51	X	0	0	0	%100
2	M51	Z	-9.159	-9.159	0	%100
3	M54	X	0	0	0	%100
4	M54	Z	-9.159	-9.159	0	%100
5	M89B	X	0	0	0	%100
6	M89B	Z	-7.566	-7.566	0	%100
7	M90A	X	0	0	0	%100
8	M90A	Z	-1.608	-1.608	0	%100
9	M89C	X	0	0	0	%100
10	M89C	Z	-7.566	-7.566	0	%100
11	M90C	X	0	0	0	%100
12	M90C	Z	-1.608	-1.608	0	%100
13	M87C	X	0	0	0	%100
14	M87C	Z	-.254	-.254	0	%100
15	M88C	X	0	0	0	%100
16	M88C	Z	-.254	-.254	0	%100
17	M89D	X	0	0	0	%100
18	M89D	Z	-1.608	-1.608	0	%100
19	M90B	X	0	0	0	%100
20	M90B	Z	-1.427	-1.427	0	%100
21	M91A	X	0	0	0	%100
22	M91A	Z	-1.427	-1.427	0	%100
23	M92A	X	0	0	0	%100
24	M92A	Z	-4.964	-4.964	0	%100
25	M86A	X	0	0	0	%100
26	M86A	Z	-1.427	-1.427	0	%100
27	M87D	X	0	0	0	%100
28	M87D	Z	-1.427	-1.427	0	%100
29	M87E	X	0	0	0	%100
30	M87E	Z	-3.65	-3.65	0	%100
31	M88D	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
32	M88D	Z	-4.964	-4.964	0 %100
33	M89A	X	0	0	0 %100
34	M89A	Z	-1.427	-1.427	0 %100
35	M90	X	0	0	0 %100
36	M90	Z	-1.427	-1.427	0 %100
37	M91	X	0	0	0 %100
38	M91	Z	-3.65	-3.65	0 %100
39	M92	X	0	0	0 %100
40	M92	Z	-4.964	-4.964	0 %100
41	M82A	X	0	0	0 %100
42	M82A	Z	-.254	-.254	0 %100
43	M83A	X	0	0	0 %100
44	M83A	Z	-1.608	-1.608	0 %100
45	M84A	X	0	0	0 %100
46	M84A	Z	-.254	-.254	0 %100
47	M85A	X	0	0	0 %100
48	M85A	Z	-1.427	-1.427	0 %100
49	M86B	X	0	0	0 %100
50	M86B	Z	-1.427	-1.427	0 %100
51	M87F	X	0	0	0 %100
52	M87F	Z	-4.964	-4.964	0 %100
53	M88E	X	0	0	0 %100
54	M88E	Z	-1.427	-1.427	0 %100
55	M89E	X	0	0	0 %100
56	M89E	Z	-1.427	-1.427	0 %100
57	M90D	X	0	0	0 %100
58	M90D	Z	-4.964	-4.964	0 %100
59	M91B	X	0	0	0 %100
60	M91B	Z	-1.427	-1.427	0 %100
61	M92B	X	0	0	0 %100
62	M92B	Z	-1.427	-1.427	0 %100
63	M93	X	0	0	0 %100
64	M93	Z	-4.964	-4.964	0 %100
65	M94	X	0	0	0 %100
66	M94	Z	-3.65	-3.65	0 %100
67	M95	X	0	0	0 %100
68	M95	Z	-3.65	-3.65	0 %100
69	M47	X	0	0	0 %100
70	M47	Z	-2.29	-2.29	0 %100
71	M48	X	0	0	0 %100
72	M48	Z	-2.29	-2.29	0 %100
73	M51A	X	0	0	0 %100
74	M51A	Z	-7.566	-7.566	0 %100
75	M52	X	0	0	0 %100
76	M52	Z	-7.551	-7.551	0 %100
77	M55	X	0	0	0 %100
78	M55	Z	-7.566	-7.566	0 %100
79	M56	X	0	0	0 %100
80	M56	Z	-2.19	-2.19	0 %100
81	M57	X	0	0	0 %100
82	M57	Z	-1.192	-1.192	0 %100
83	M58	X	0	0	0
84	M58	Z	-.346	-.346	0
85	M59	X	0	0	0 %100
86	M59	Z	-7.551	-7.551	0 %100
87	M60	X	0	0	0 %100
88	M60	Z	-1.427	-1.427	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
89	M61	X	0	0	0	%100
90	M61	Z	-1.427	-1.427	0	%100
91	M62	X	0	0	0	%100
92	M62	Z	-4.964	-4.964	0	%100
93	M63	X	0	0	0	%100
94	M63	Z	-1.427	-1.427	0	%100
95	M64	X	0	0	0	%100
96	M64	Z	-1.427	-1.427	0	%100
97	M65	X	0	0	0	%100
98	M65	Z	-5.284	-5.284	0	%100
99	M66	X	0	0	0	%100
100	M66	Z	-4.964	-4.964	0	%100
101	M67	X	0	0	0	%100
102	M67	Z	-1.427	-1.427	0	%100
103	M68	X	0	0	0	%100
104	M68	Z	-1.427	-1.427	0	%100
105	M69	X	0	0	0	%100
106	M69	Z	-5.284	-5.284	0	%100
107	M70	X	0	0	0	%100
108	M70	Z	-4.964	-4.964	0	%100
109	M71	X	0	0	0	%100
110	M71	Z	-1.192	-1.192	0	%100
111	M72	X	0	0	0	%100
112	M72	Z	-2.19	-2.19	0	%100
113	M73	X	0	0	0	%100
114	M73	Z	-.346	-.346	0	%100
115	M74	X	0	0	0	%100
116	M74	Z	-1.427	-1.427	0	%100
117	M75	X	0	0	0	%100
118	M75	Z	-1.427	-1.427	0	%100
119	M76	X	0	0	0	%100
120	M76	Z	-4.964	-4.964	0	%100
121	M77	X	0	0	0	%100
122	M77	Z	-1.427	-1.427	0	%100
123	M78	X	0	0	0	%100
124	M78	Z	-1.427	-1.427	0	%100
125	M79	X	0	0	0	%100
126	M79	Z	-4.964	-4.964	0	%100
127	M80	X	0	0	0	%100
128	M80	Z	-1.427	-1.427	0	%100
129	M81	X	0	0	0	%100
130	M81	Z	-1.427	-1.427	0	%100
131	M82	X	0	0	0	%100
132	M82	Z	-4.964	-4.964	0	%100
133	M83	X	0	0	0	%100
134	M83	Z	-3.81	-3.81	0	%100
135	M84	X	0	0	0	%100
136	M84	Z	-3.81	-3.81	0	%100
137	M93A	X	0	0	0	%100
138	M93A	Z	-2.29	-2.29	0	%100
139	M94A	X	0	0	0	%100
140	M94A	Z	-2.29	-2.29	0	%100
141	M97	X	0	0	0	%100
142	M97	Z	-7.566	-7.566	0	%100
143	M98	X	0	0	0	%100
144	M98	Z	-2.19	-2.19	0	%100
145	M101	X	0	0	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in,%]	End Location[in,%]
146	M101	Z	-7.566	-7.566	0 %100
147	M102	X	0	0	0 %100
148	M102	Z	-7.551	-7.551	0 %100
149	M103	X	0	0	0 0
150	M103	Z	-.346	-.346	0 0
151	M104	X	0	0	0 %100
152	M104	Z	-1.192	-1.192	0 %100
153	M105	X	0	0	0 %100
154	M105	Z	-2.19	-2.19	0 %100
155	M106	X	0	0	0 %100
156	M106	Z	-1.427	-1.427	0 %100
157	M107	X	0	0	0 %100
158	M107	Z	-1.427	-1.427	0 %100
159	M108	X	0	0	0 %100
160	M108	Z	-4.964	-4.964	0 %100
161	M109	X	0	0	0 %100
162	M109	Z	-1.427	-1.427	0 %100
163	M110	X	0	0	0 %100
164	M110	Z	-1.427	-1.427	0 %100
165	M111	X	0	0	0 %100
166	M111	Z	-3.81	-3.81	0 %100
167	M112	X	0	0	0 %100
168	M112	Z	-4.964	-4.964	0 %100
169	M113	X	0	0	0 %100
170	M113	Z	-1.427	-1.427	0 %100
171	M114	X	0	0	0 %100
172	M114	Z	-1.427	-1.427	0 %100
173	M115	X	0	0	0 %100
174	M115	Z	-3.81	-3.81	0 %100
175	M116	X	0	0	0 %100
176	M116	Z	-4.964	-4.964	0 %100
177	M117	X	0	0	0 %100
178	M117	Z	-.346	-.346	0 %100
179	M118	X	0	0	0 %100
180	M118	Z	-7.551	-7.551	0 %100
181	M119	X	0	0	0 %100
182	M119	Z	-1.192	-1.192	0 %100
183	M120	X	0	0	0 %100
184	M120	Z	-1.427	-1.427	0 %100
185	M121	X	0	0	0 %100
186	M121	Z	-1.427	-1.427	0 %100
187	M122	X	0	0	0 %100
188	M122	Z	-4.964	-4.964	0 %100
189	M123	X	0	0	0 %100
190	M123	Z	-1.427	-1.427	0 %100
191	M124	X	0	0	0 %100
192	M124	Z	-1.427	-1.427	0 %100
193	M125	X	0	0	0 %100
194	M125	Z	-4.964	-4.964	0 %100
195	M126	X	0	0	0 %100
196	M126	Z	-1.427	-1.427	0 %100
197	M127	X	0	0	0 %100
198	M127	Z	-1.427	-1.427	0 %100
199	M128	X	0	0	0 %100
200	M128	Z	-4.964	-4.964	0 %100
201	M129	X	0	0	0 %100
202	M129	Z	-5.284	-5.284	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
203	M130	X	0	0	0	%100
204	M130	Z	-5.284	-5.284	0	%100
205	MP1A	X	0	0	0	%100
206	MP1A	Z	-7.566	-7.566	0	%100
207	MP4A	X	0	0	0	%100
208	MP4A	Z	-7.566	-7.566	0	%100
209	MP2A	X	0	0	0	%100
210	MP2A	Z	-7.566	-7.566	0	%100
211	MP3A	X	0	0	0	%100
212	MP3A	Z	-7.566	-7.566	0	%100
213	MP1C	X	0	0	0	%100
214	MP1C	Z	-7.566	-7.566	0	%100
215	MP4C	X	0	0	0	%100
216	MP4C	Z	-7.566	-7.566	0	%100
217	MP2C	X	0	0	0	%100
218	MP2C	Z	-7.566	-7.566	0	%100
219	MP3C	X	0	0	0	%100
220	MP3C	Z	-7.566	-7.566	0	%100
221	MP1B	X	0	0	0	%100
222	MP1B	Z	-7.566	-7.566	0	%100
223	MP4B	X	0	0	0	%100
224	MP4B	Z	-7.566	-7.566	0	%100
225	MP2B	X	0	0	0	%100
226	MP2B	Z	-7.566	-7.566	0	%100
227	MP3B	X	0	0	0	%100
228	MP3B	Z	-7.566	-7.566	0	%100
229	M163	X	0	0	0	%100
230	M163	Z	-6.715	-6.715	0	%100
231	M164	X	0	0	0	%100
232	M164	Z	-7.02	-7.02	0	%100
233	M165	X	0	0	0	%100
234	M165	Z	-0.003	-0.003	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M51	X	3.435	3.435	0	%100
2	M51	Z	-5.949	-5.949	0	%100
3	M54	X	3.435	3.435	0	%100
4	M54	Z	-5.949	-5.949	0	%100
5	M89B	X	3.783	3.783	0	%100
6	M89B	Z	-6.553	-6.553	0	%100
7	M90A	X	.007	.007	0	%100
8	M90A	Z	-.013	-.013	0	%100
9	M89C	X	3.783	3.783	0	%100
10	M89C	Z	-6.553	-6.553	0	%100
11	M90C	X	2.688	2.688	0	%100
12	M90C	Z	-4.656	-4.656	0	%100
13	M87C	X	.001	.001	0	%100
14	M87C	Z	-.002	-.002	0	%100
15	M88C	X	.424	.424	0	%100
16	M88C	Z	-.735	-.735	0	%100
17	M89D	X	.007	.007	0	%100
18	M89D	Z	-.013	-.013	0	%100
19	M90B	X	1.73	1.73	0	%100
20	M90B	Z	-2.996	-2.996	0	%100
21	M91A	X	1.73	1.73	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
22	M91A	Z	-2.996	-2.996	0 %100
23	M92A	X	2.482	2.482	0 %100
24	M92A	Z	-4.299	-4.299	0 %100
25	M86A	X	1.73	1.73	0 %100
26	M86A	Z	-2.996	-2.996	0 %100
27	M87D	X	1.73	1.73	0 %100
28	M87D	Z	-2.996	-2.996	0 %100
29	M87E	X	1.606	1.606	0 %100
30	M87E	Z	-2.781	-2.781	0 %100
31	M88D	X	2.482	2.482	0 %100
32	M88D	Z	-4.299	-4.299	0 %100
33	M89A	X	1.73	1.73	0 %100
34	M89A	Z	-2.996	-2.996	0 %100
35	M90	X	1.73	1.73	0 %100
36	M90	Z	-2.996	-2.996	0 %100
37	M91	X	1.606	1.606	0 %100
38	M91	Z	-2.781	-2.781	0 %100
39	M92	X	2.482	2.482	0 %100
40	M92	Z	-4.299	-4.299	0 %100
41	M82A	X	.001	.001	0 %100
42	M82A	Z	-.002	-.002	0 %100
43	M83A	X	2.688	2.688	0 %100
44	M83A	Z	-4.656	-4.656	0 %100
45	M84A	X	.424	.424	0 %100
46	M84A	Z	-.735	-.735	0 %100
47	M85A	X	1.73	1.73	0 %100
48	M85A	Z	-2.996	-2.996	0 %100
49	M86B	X	1.73	1.73	0 %100
50	M86B	Z	-2.996	-2.996	0 %100
51	M87F	X	2.482	2.482	0 %100
52	M87F	Z	-4.299	-4.299	0 %100
53	M88E	X	1.73	1.73	0 %100
54	M88E	Z	-2.996	-2.996	0 %100
55	M89E	X	1.73	1.73	0 %100
56	M89E	Z	-2.996	-2.996	0 %100
57	M90D	X	2.482	2.482	0 %100
58	M90D	Z	-4.299	-4.299	0 %100
59	M91B	X	1.73	1.73	0 %100
60	M91B	Z	-2.996	-2.996	0 %100
61	M92B	X	1.73	1.73	0 %100
62	M92B	Z	-2.996	-2.996	0 %100
63	M93	X	2.482	2.482	0 %100
64	M93	Z	-4.299	-4.299	0 %100
65	M94	X	2.343	2.343	0 %100
66	M94	Z	-4.058	-4.058	0 %100
67	M95	X	2.343	2.343	0 %100
68	M95	Z	-4.058	-4.058	0 %100
69	M47	X	3.435	3.435	0 %100
70	M47	Z	-5.949	-5.949	0 %100
71	M48	X	3.435	3.435	0 %100
72	M48	Z	-5.949	-5.949	0 %100
73	M51A	X	3.783	3.783	0 %100
74	M51A	Z	-6.553	-6.553	0 %100
75	M52	X	2.688	2.688	0 %100
76	M52	Z	-4.656	-4.656	0 %100
77	M55	X	3.783	3.783	0 %100
78	M55	Z	-6.553	-6.553	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
79	M56	X	.007	.007	0 %100
80	M56	Z	-.013	-.013	0 %100
81	M57	X	.424	.424	0 %100
82	M57	Z	-.735	-.735	0 %100
83	M58	X	.001	.001	0 0
84	M58	Z	-.002	-.002	0 0
85	M59	X	2.688	2.688	0 %100
86	M59	Z	-4.656	-4.656	0 %100
87	M60	X	1.73	1.73	0 %100
88	M60	Z	-2.996	-2.996	0 %100
89	M61	X	1.73	1.73	0 %100
90	M61	Z	-2.996	-2.996	0 %100
91	M62	X	2.482	2.482	0 %100
92	M62	Z	-4.299	-4.299	0 %100
93	M63	X	1.73	1.73	0 %100
94	M63	Z	-2.996	-2.996	0 %100
95	M64	X	1.73	1.73	0 %100
96	M64	Z	-2.996	-2.996	0 %100
97	M65	X	2.343	2.343	0 %100
98	M65	Z	-4.058	-4.058	0 %100
99	M66	X	2.482	2.482	0 %100
100	M66	Z	-4.299	-4.299	0 %100
101	M67	X	1.73	1.73	0 %100
102	M67	Z	-2.996	-2.996	0 %100
103	M68	X	1.73	1.73	0 %100
104	M68	Z	-2.996	-2.996	0 %100
105	M69	X	2.343	2.343	0 %100
106	M69	Z	-4.058	-4.058	0 %100
107	M70	X	2.482	2.482	0 %100
108	M70	Z	-4.299	-4.299	0 %100
109	M71	X	.424	.424	0 %100
110	M71	Z	-.735	-.735	0 %100
111	M72	X	.007	.007	0 %100
112	M72	Z	-.013	-.013	0 %100
113	M73	X	.001	.001	0 %100
114	M73	Z	-.002	-.002	0 %100
115	M74	X	1.73	1.73	0 %100
116	M74	Z	-2.996	-2.996	0 %100
117	M75	X	1.73	1.73	0 %100
118	M75	Z	-2.996	-2.996	0 %100
119	M76	X	2.482	2.482	0 %100
120	M76	Z	-4.299	-4.299	0 %100
121	M77	X	1.73	1.73	0 %100
122	M77	Z	-2.996	-2.996	0 %100
123	M78	X	1.73	1.73	0 %100
124	M78	Z	-2.996	-2.996	0 %100
125	M79	X	2.482	2.482	0 %100
126	M79	Z	-4.299	-4.299	0 %100
127	M80	X	1.73	1.73	0 %100
128	M80	Z	-2.996	-2.996	0 %100
129	M81	X	1.73	1.73	0 %100
130	M81	Z	-2.996	-2.996	0 %100
131	M82	X	2.482	2.482	0 %100
132	M82	Z	-4.299	-4.299	0 %100
133	M83	X	1.606	1.606	0 %100
134	M83	Z	-2.781	-2.781	0 %100
135	M84	X	1.606	1.606	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
136	M84	Z	-2.781	-2.781	0 %100
137	M93A	X	0	0	0 %100
138	M93A	Z	0	0	0 %100
139	M94A	X	0	0	0 %100
140	M94A	Z	0	0	0 %100
141	M97	X	3.783	3.783	0 %100
142	M97	Z	-6.553	-6.553	0 %100
143	M98	X	2.979	2.979	0 %100
144	M98	Z	-5.16	-5.16	0 %100
145	M101	X	3.783	3.783	0 %100
146	M101	Z	-6.553	-6.553	0 %100
147	M102	X	2.979	2.979	0 %100
148	M102	Z	-5.16	-5.16	0 %100
149	M103	X	.47	.47	0 0
150	M103	Z	-.815	-.815	0 0
151	M104	X	.47	.47	0 %100
152	M104	Z	-.815	-.815	0 %100
153	M105	X	2.979	2.979	0 %100
154	M105	Z	-5.16	-5.16	0 %100
155	M106	X	1.73	1.73	0 %100
156	M106	Z	-2.996	-2.996	0 %100
157	M107	X	1.73	1.73	0 %100
158	M107	Z	-2.996	-2.996	0 %100
159	M108	X	2.482	2.482	0 %100
160	M108	Z	-4.299	-4.299	0 %100
161	M109	X	1.73	1.73	0 %100
162	M109	Z	-2.996	-2.996	0 %100
163	M110	X	1.73	1.73	0 %100
164	M110	Z	-2.996	-2.996	0 %100
165	M111	X	2.423	2.423	0 %100
166	M111	Z	-4.197	-4.197	0 %100
167	M112	X	2.482	2.482	0 %100
168	M112	Z	-4.299	-4.299	0 %100
169	M113	X	1.73	1.73	0 %100
170	M113	Z	-2.996	-2.996	0 %100
171	M114	X	1.73	1.73	0 %100
172	M114	Z	-2.996	-2.996	0 %100
173	M115	X	2.423	2.423	0 %100
174	M115	Z	-4.197	-4.197	0 %100
175	M116	X	2.482	2.482	0 %100
176	M116	Z	-4.299	-4.299	0 %100
177	M117	X	.47	.47	0 %100
178	M117	Z	-.815	-.815	0 %100
179	M118	X	2.979	2.979	0 %100
180	M118	Z	-5.16	-5.16	0 %100
181	M119	X	.47	.47	0 %100
182	M119	Z	-.815	-.815	0 %100
183	M120	X	1.73	1.73	0 %100
184	M120	Z	-2.996	-2.996	0 %100
185	M121	X	1.73	1.73	0 %100
186	M121	Z	-2.996	-2.996	0 %100
187	M122	X	2.482	2.482	0 %100
188	M122	Z	-4.299	-4.299	0 %100
189	M123	X	1.73	1.73	0 %100
190	M123	Z	-2.996	-2.996	0 %100
191	M124	X	1.73	1.73	0 %100
192	M124	Z	-2.996	-2.996	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
193	M125	X	2.482	2.482	0	%100
194	M125	Z	-4.299	-4.299	0	%100
195	M126	X	1.73	1.73	0	%100
196	M126	Z	-2.996	-2.996	0	%100
197	M127	X	1.73	1.73	0	%100
198	M127	Z	-2.996	-2.996	0	%100
199	M128	X	2.482	2.482	0	%100
200	M128	Z	-4.299	-4.299	0	%100
201	M129	X	2.423	2.423	0	%100
202	M129	Z	-4.197	-4.197	0	%100
203	M130	X	2.423	2.423	0	%100
204	M130	Z	-4.197	-4.197	0	%100
205	MP1A	X	3.783	3.783	0	%100
206	MP1A	Z	-6.553	-6.553	0	%100
207	MP4A	X	3.783	3.783	0	%100
208	MP4A	Z	-6.553	-6.553	0	%100
209	MP2A	X	3.783	3.783	0	%100
210	MP2A	Z	-6.553	-6.553	0	%100
211	MP3A	X	3.783	3.783	0	%100
212	MP3A	Z	-6.553	-6.553	0	%100
213	MP1C	X	3.783	3.783	0	%100
214	MP1C	Z	-6.553	-6.553	0	%100
215	MP4C	X	3.783	3.783	0	%100
216	MP4C	Z	-6.553	-6.553	0	%100
217	MP2C	X	3.783	3.783	0	%100
218	MP2C	Z	-6.553	-6.553	0	%100
219	MP3C	X	3.783	3.783	0	%100
220	MP3C	Z	-6.553	-6.553	0	%100
221	MP1B	X	3.783	3.783	0	%100
222	MP1B	Z	-6.553	-6.553	0	%100
223	MP4B	X	3.783	3.783	0	%100
224	MP4B	Z	-6.553	-6.553	0	%100
225	MP2B	X	3.783	3.783	0	%100
226	MP2B	Z	-6.553	-6.553	0	%100
227	MP3B	X	3.783	3.783	0	%100
228	MP3B	Z	-6.553	-6.553	0	%100
229	M163	X	1.069	1.069	0	%100
230	M163	Z	-1.852	-1.852	0	%100
231	M164	X	4.578	4.578	0	%100
232	M164	Z	-7.929	-7.929	0	%100
233	M165	X	1.222	1.222	0	%100
234	M165	Z	-2.117	-2.117	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M51	X	1.983	1.983	0	%100
2	M51	Z	-1.145	-1.145	0	%100
3	M54	X	1.983	1.983	0	%100
4	M54	Z	-1.145	-1.145	0	%100
5	M89B	X	6.553	6.553	0	%100
6	M89B	Z	-3.783	-3.783	0	%100
7	M90A	X	1.896	1.896	0	%100
8	M90A	Z	-1.095	-1.095	0	%100
9	M89C	X	6.553	6.553	0	%100
10	M89C	Z	-3.783	-3.783	0	%100
11	M90C	X	6.54	6.54	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
12	M90C	Z	-3.776	-3.776	0 %100
13	M87C	X	.299	.299	0 %100
14	M87C	Z	-.173	-.173	0 %100
15	M88C	X	1.033	1.033	0 %100
16	M88C	Z	-.596	-.596	0 %100
17	M89D	X	1.896	1.896	0 %100
18	M89D	Z	-1.095	-1.095	0 %100
19	M90B	X	6.517	6.517	0 %100
20	M90B	Z	-3.762	-3.762	0 %100
21	M91A	X	6.517	6.517	0 %100
22	M91A	Z	-3.762	-3.762	0 %100
23	M92A	X	4.299	4.299	0 %100
24	M92A	Z	-2.482	-2.482	0 %100
25	M86A	X	6.517	6.517	0 %100
26	M86A	Z	-3.762	-3.762	0 %100
27	M87D	X	6.517	6.517	0 %100
28	M87D	Z	-3.762	-3.762	0 %100
29	M87E	X	3.299	3.299	0 %100
30	M87E	Z	-1.905	-1.905	0 %100
31	M88D	X	4.299	4.299	0 %100
32	M88D	Z	-2.482	-2.482	0 %100
33	M89A	X	6.517	6.517	0 %100
34	M89A	Z	-3.762	-3.762	0 %100
35	M90	X	6.517	6.517	0 %100
36	M90	Z	-3.762	-3.762	0 %100
37	M91	X	3.299	3.299	0 %100
38	M91	Z	-1.905	-1.905	0 %100
39	M92	X	4.299	4.299	0 %100
40	M92	Z	-2.482	-2.482	0 %100
41	M82A	X	.299	.299	0 %100
42	M82A	Z	-.173	-.173	0 %100
43	M83A	X	6.54	6.54	0 %100
44	M83A	Z	-3.776	-3.776	0 %100
45	M84A	X	1.033	1.033	0 %100
46	M84A	Z	-.596	-.596	0 %100
47	M85A	X	6.517	6.517	0 %100
48	M85A	Z	-3.762	-3.762	0 %100
49	M86B	X	6.517	6.517	0 %100
50	M86B	Z	-3.762	-3.762	0 %100
51	M87F	X	4.299	4.299	0 %100
52	M87F	Z	-2.482	-2.482	0 %100
53	M88E	X	6.517	6.517	0 %100
54	M88E	Z	-3.762	-3.762	0 %100
55	M89E	X	6.517	6.517	0 %100
56	M89E	Z	-3.762	-3.762	0 %100
57	M90D	X	4.299	4.299	0 %100
58	M90D	Z	-2.482	-2.482	0 %100
59	M91B	X	6.517	6.517	0 %100
60	M91B	Z	-3.762	-3.762	0 %100
61	M92B	X	6.517	6.517	0 %100
62	M92B	Z	-3.762	-3.762	0 %100
63	M93	X	4.299	4.299	0 %100
64	M93	Z	-2.482	-2.482	0 %100
65	M94	X	4.576	4.576	0 %100
66	M94	Z	-2.642	-2.642	0 %100
67	M95	X	4.576	4.576	0 %100
68	M95	Z	-2.642	-2.642	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
69	M47	X	7.932	7.932	0 %100
70	M47	Z	-4.58	-4.58	0 %100
71	M48	X	7.932	7.932	0 %100
72	M48	Z	-4.58	-4.58	0 %100
73	M51A	X	6.553	6.553	0 %100
74	M51A	Z	-3.783	-3.783	0 %100
75	M52	X	1.393	1.393	0 %100
76	M52	Z	-.804	-.804	0 %100
77	M55	X	6.553	6.553	0 %100
78	M55	Z	-3.783	-3.783	0 %100
79	M56	X	1.393	1.393	0 %100
80	M56	Z	-.804	-.804	0 %100
81	M57	X	.22	.22	0 %100
82	M57	Z	-.127	-.127	0 %100
83	M58	X	.22	.22	0 0
84	M58	Z	-.127	-.127	0 0
85	M59	X	1.393	1.393	0 %100
86	M59	Z	-.804	-.804	0 %100
87	M60	X	6.517	6.517	0 %100
88	M60	Z	-3.762	-3.762	0 %100
89	M61	X	6.517	6.517	0 %100
90	M61	Z	-3.762	-3.762	0 %100
91	M62	X	4.299	4.299	0 %100
92	M62	Z	-2.482	-2.482	0 %100
93	M63	X	6.517	6.517	0 %100
94	M63	Z	-3.762	-3.762	0 %100
95	M64	X	6.517	6.517	0 %100
96	M64	Z	-3.762	-3.762	0 %100
97	M65	X	3.161	3.161	0 %100
98	M65	Z	-1.825	-1.825	0 %100
99	M66	X	4.299	4.299	0 %100
100	M66	Z	-2.482	-2.482	0 %100
101	M67	X	6.517	6.517	0 %100
102	M67	Z	-3.762	-3.762	0 %100
103	M68	X	6.517	6.517	0 %100
104	M68	Z	-3.762	-3.762	0 %100
105	M69	X	3.161	3.161	0 %100
106	M69	Z	-1.825	-1.825	0 %100
107	M70	X	4.299	4.299	0 %100
108	M70	Z	-2.482	-2.482	0 %100
109	M71	X	.22	.22	0 %100
110	M71	Z	-.127	-.127	0 %100
111	M72	X	1.393	1.393	0 %100
112	M72	Z	-.804	-.804	0 %100
113	M73	X	.22	.22	0 %100
114	M73	Z	-.127	-.127	0 %100
115	M74	X	6.517	6.517	0 %100
116	M74	Z	-3.762	-3.762	0 %100
117	M75	X	6.517	6.517	0 %100
118	M75	Z	-3.762	-3.762	0 %100
119	M76	X	4.299	4.299	0 %100
120	M76	Z	-2.482	-2.482	0 %100
121	M77	X	6.517	6.517	0 %100
122	M77	Z	-3.762	-3.762	0 %100
123	M78	X	6.517	6.517	0 %100
124	M78	Z	-3.762	-3.762	0 %100
125	M79	X	4.299	4.299	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
126	M79	Z	-2.482	-2.482	0 %100
127	M80	X	6.517	6.517	0 %100
128	M80	Z	-3.762	-3.762	0 %100
129	M81	X	6.517	6.517	0 %100
130	M81	Z	-3.762	-3.762	0 %100
131	M82	X	4.299	4.299	0 %100
132	M82	Z	-2.482	-2.482	0 %100
133	M83	X	3.161	3.161	0 %100
134	M83	Z	-1.825	-1.825	0 %100
135	M84	X	3.161	3.161	0 %100
136	M84	Z	-1.825	-1.825	0 %100
137	M93A	X	1.983	1.983	0 %100
138	M93A	Z	-1.145	-1.145	0 %100
139	M94A	X	1.983	1.983	0 %100
140	M94A	Z	-1.145	-1.145	0 %100
141	M97	X	6.553	6.553	0 %100
142	M97	Z	-3.783	-3.783	0 %100
143	M98	X	6.54	6.54	0 %100
144	M98	Z	-3.776	-3.776	0 %100
145	M101	X	6.553	6.553	0 %100
146	M101	Z	-3.783	-3.783	0 %100
147	M102	X	1.896	1.896	0 %100
148	M102	Z	-1.095	-1.095	0 %100
149	M103	X	1.033	1.033	0 0
150	M103	Z	-.596	-.596	0 0
151	M104	X	.299	.299	0 %100
152	M104	Z	-.173	-.173	0 %100
153	M105	X	6.54	6.54	0 %100
154	M105	Z	-3.776	-3.776	0 %100
155	M106	X	6.517	6.517	0 %100
156	M106	Z	-3.762	-3.762	0 %100
157	M107	X	6.517	6.517	0 %100
158	M107	Z	-3.762	-3.762	0 %100
159	M108	X	4.299	4.299	0 %100
160	M108	Z	-2.482	-2.482	0 %100
161	M109	X	6.517	6.517	0 %100
162	M109	Z	-3.762	-3.762	0 %100
163	M110	X	6.517	6.517	0 %100
164	M110	Z	-3.762	-3.762	0 %100
165	M111	X	4.576	4.576	0 %100
166	M111	Z	-2.642	-2.642	0 %100
167	M112	X	4.299	4.299	0 %100
168	M112	Z	-2.482	-2.482	0 %100
169	M113	X	6.517	6.517	0 %100
170	M113	Z	-3.762	-3.762	0 %100
171	M114	X	6.517	6.517	0 %100
172	M114	Z	-3.762	-3.762	0 %100
173	M115	X	4.576	4.576	0 %100
174	M115	Z	-2.642	-2.642	0 %100
175	M116	X	4.299	4.299	0 %100
176	M116	Z	-2.482	-2.482	0 %100
177	M117	X	1.033	1.033	0 %100
178	M117	Z	-.596	-.596	0 %100
179	M118	X	1.896	1.896	0 %100
180	M118	Z	-1.095	-1.095	0 %100
181	M119	X	.299	.299	0 %100
182	M119	Z	-.173	-.173	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
183	M120	X	6.517	6.517	0 %100
184	M120	Z	-3.762	-3.762	0 %100
185	M121	X	6.517	6.517	0 %100
186	M121	Z	-3.762	-3.762	0 %100
187	M122	X	4.299	4.299	0 %100
188	M122	Z	-2.482	-2.482	0 %100
189	M123	X	6.517	6.517	0 %100
190	M123	Z	-3.762	-3.762	0 %100
191	M124	X	6.517	6.517	0 %100
192	M124	Z	-3.762	-3.762	0 %100
193	M125	X	4.299	4.299	0 %100
194	M125	Z	-2.482	-2.482	0 %100
195	M126	X	6.517	6.517	0 %100
196	M126	Z	-3.762	-3.762	0 %100
197	M127	X	6.517	6.517	0 %100
198	M127	Z	-3.762	-3.762	0 %100
199	M128	X	4.299	4.299	0 %100
200	M128	Z	-2.482	-2.482	0 %100
201	M129	X	3.299	3.299	0 %100
202	M129	Z	-1.905	-1.905	0 %100
203	M130	X	3.299	3.299	0 %100
204	M130	Z	-1.905	-1.905	0 %100
205	MP1A	X	6.553	6.553	0 %100
206	MP1A	Z	-3.783	-3.783	0 %100
207	MP4A	X	6.553	6.553	0 %100
208	MP4A	Z	-3.783	-3.783	0 %100
209	MP2A	X	6.553	6.553	0 %100
210	MP2A	Z	-3.783	-3.783	0 %100
211	MP3A	X	6.553	6.553	0 %100
212	MP3A	Z	-3.783	-3.783	0 %100
213	MP1C	X	6.553	6.553	0 %100
214	MP1C	Z	-3.783	-3.783	0 %100
215	MP4C	X	6.553	6.553	0 %100
216	MP4C	Z	-3.783	-3.783	0 %100
217	MP2C	X	6.553	6.553	0 %100
218	MP2C	Z	-3.783	-3.783	0 %100
219	MP3C	X	6.553	6.553	0 %100
220	MP3C	Z	-3.783	-3.783	0 %100
221	MP1B	X	6.553	6.553	0 %100
222	MP1B	Z	-3.783	-3.783	0 %100
223	MP4B	X	6.553	6.553	0 %100
224	MP4B	Z	-3.783	-3.783	0 %100
225	MP2B	X	6.553	6.553	0 %100
226	MP2B	Z	-3.783	-3.783	0 %100
227	MP3B	X	6.553	6.553	0 %100
228	MP3B	Z	-3.783	-3.783	0 %100
229	M163	X	.003	.003	0 %100
230	M163	Z	-.002	-.002	0 %100
231	M164	X	5.815	5.815	0 %100
232	M164	Z	-3.357	-3.357	0 %100
233	M165	X	6.08	6.08	0 %100
234	M165	Z	-3.51	-3.51	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M51	X	0	0	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
2	M51	Z	0	0	%100
3	M54	X	0	0	%100
4	M54	Z	0	0	%100
5	M89B	X	7.566	7.566	%100
6	M89B	Z	0	0	%100
7	M90A	X	5.958	5.958	%100
8	M90A	Z	0	0	%100
9	M89C	X	7.566	7.566	%100
10	M89C	Z	0	0	%100
11	M90C	X	5.958	5.958	%100
12	M90C	Z	0	0	%100
13	M87C	X	.941	.941	%100
14	M87C	Z	0	0	%100
15	M88C	X	.941	.941	%100
16	M88C	Z	0	0	%100
17	M89D	X	5.958	5.958	%100
18	M89D	Z	0	0	%100
19	M90B	X	9.557	9.557	%100
20	M90B	Z	0	0	%100
21	M91A	X	9.557	9.557	%100
22	M91A	Z	0	0	%100
23	M92A	X	4.964	4.964	%100
24	M92A	Z	0	0	%100
25	M86A	X	9.557	9.557	%100
26	M86A	Z	0	0	%100
27	M87D	X	9.557	9.557	%100
28	M87D	Z	0	0	%100
29	M87E	X	4.846	4.846	%100
30	M87E	Z	0	0	%100
31	M88D	X	4.964	4.964	%100
32	M88D	Z	0	0	%100
33	M89A	X	9.557	9.557	%100
34	M89A	Z	0	0	%100
35	M90	X	9.557	9.557	%100
36	M90	Z	0	0	%100
37	M91	X	4.846	4.846	%100
38	M91	Z	0	0	%100
39	M92	X	4.964	4.964	%100
40	M92	Z	0	0	%100
41	M82A	X	.941	.941	%100
42	M82A	Z	0	0	%100
43	M83A	X	5.958	5.958	%100
44	M83A	Z	0	0	%100
45	M84A	X	.941	.941	%100
46	M84A	Z	0	0	%100
47	M85A	X	9.557	9.557	%100
48	M85A	Z	0	0	%100
49	M86B	X	9.557	9.557	%100
50	M86B	Z	0	0	%100
51	M87F	X	4.964	4.964	%100
52	M87F	Z	0	0	%100
53	M88E	X	9.557	9.557	%100
54	M88E	Z	0	0	%100
55	M89E	X	9.557	9.557	%100
56	M89E	Z	0	0	%100
57	M90D	X	4.964	4.964	%100
58	M90D	Z	0	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
59	M91B	X	9.557	9.557	0 %100
60	M91B	Z	0	0	0 %100
61	M92B	X	9.557	9.557	0 %100
62	M92B	Z	0	0	0 %100
63	M93	X	4.964	4.964	0 %100
64	M93	Z	0	0	0 %100
65	M94	X	4.846	4.846	0 %100
66	M94	Z	0	0	0 %100
67	M95	X	4.846	4.846	0 %100
68	M95	Z	0	0	0 %100
69	M47	X	6.869	6.869	0 %100
70	M47	Z	0	0	0 %100
71	M48	X	6.869	6.869	0 %100
72	M48	Z	0	0	0 %100
73	M51A	X	7.566	7.566	0 %100
74	M51A	Z	0	0	0 %100
75	M52	X	.015	.015	0 %100
76	M52	Z	0	0	0 %100
77	M55	X	7.566	7.566	0 %100
78	M55	Z	0	0	0 %100
79	M56	X	5.376	5.376	0 %100
80	M56	Z	0	0	0 %100
81	M57	X	.002	.002	0 %100
82	M57	Z	0	0	0 %100
83	M58	X	.849	.849	0 0
84	M58	Z	0	0	0 0
85	M59	X	.015	.015	0 %100
86	M59	Z	0	0	0 %100
87	M60	X	9.557	9.557	0 %100
88	M60	Z	0	0	0 %100
89	M61	X	9.557	9.557	0 %100
90	M61	Z	0	0	0 %100
91	M62	X	4.964	4.964	0 %100
92	M62	Z	0	0	0 %100
93	M63	X	9.557	9.557	0 %100
94	M63	Z	0	0	0 %100
95	M64	X	9.557	9.557	0 %100
96	M64	Z	0	0	0 %100
97	M65	X	3.211	3.211	0 %100
98	M65	Z	0	0	0 %100
99	M66	X	4.964	4.964	0 %100
100	M66	Z	0	0	0 %100
101	M67	X	9.557	9.557	0 %100
102	M67	Z	0	0	0 %100
103	M68	X	9.557	9.557	0 %100
104	M68	Z	0	0	0 %100
105	M69	X	3.211	3.211	0 %100
106	M69	Z	0	0	0 %100
107	M70	X	4.964	4.964	0 %100
108	M70	Z	0	0	0 %100
109	M71	X	.002	.002	0 %100
110	M71	Z	0	0	0 %100
111	M72	X	5.376	5.376	0 %100
112	M72	Z	0	0	0 %100
113	M73	X	.849	.849	0 %100
114	M73	Z	0	0	0 %100
115	M74	X	9.557	9.557	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
116	M74	Z	0	0	0	%100
117	M75	X	9.557	9.557	0	%100
118	M75	Z	0	0	0	%100
119	M76	X	4.964	4.964	0	%100
120	M76	Z	0	0	0	%100
121	M77	X	9.557	9.557	0	%100
122	M77	Z	0	0	0	%100
123	M78	X	9.557	9.557	0	%100
124	M78	Z	0	0	0	%100
125	M79	X	4.964	4.964	0	%100
126	M79	Z	0	0	0	%100
127	M80	X	9.557	9.557	0	%100
128	M80	Z	0	0	0	%100
129	M81	X	9.557	9.557	0	%100
130	M81	Z	0	0	0	%100
131	M82	X	4.964	4.964	0	%100
132	M82	Z	0	0	0	%100
133	M83	X	4.686	4.686	0	%100
134	M83	Z	0	0	0	%100
135	M84	X	4.686	4.686	0	%100
136	M84	Z	0	0	0	%100
137	M93A	X	6.869	6.869	0	%100
138	M93A	Z	0	0	0	%100
139	M94A	X	6.869	6.869	0	%100
140	M94A	Z	0	0	0	%100
141	M97	X	7.566	7.566	0	%100
142	M97	Z	0	0	0	%100
143	M98	X	5.376	5.376	0	%100
144	M98	Z	0	0	0	%100
145	M101	X	7.566	7.566	0	%100
146	M101	Z	0	0	0	%100
147	M102	X	.015	.015	0	%100
148	M102	Z	0	0	0	%100
149	M103	X	.849	.849	0	0
150	M103	Z	0	0	0	0
151	M104	X	.002	.002	0	%100
152	M104	Z	0	0	0	%100
153	M105	X	5.376	5.376	0	%100
154	M105	Z	0	0	0	%100
155	M106	X	9.557	9.557	0	%100
156	M106	Z	0	0	0	%100
157	M107	X	9.557	9.557	0	%100
158	M107	Z	0	0	0	%100
159	M108	X	4.964	4.964	0	%100
160	M108	Z	0	0	0	%100
161	M109	X	9.557	9.557	0	%100
162	M109	Z	0	0	0	%100
163	M110	X	9.557	9.557	0	%100
164	M110	Z	0	0	0	%100
165	M111	X	4.686	4.686	0	%100
166	M111	Z	0	0	0	%100
167	M112	X	4.964	4.964	0	%100
168	M112	Z	0	0	0	%100
169	M113	X	9.557	9.557	0	%100
170	M113	Z	0	0	0	%100
171	M114	X	9.557	9.557	0	%100
172	M114	Z	0	0	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
173	M115	X	4.686	4.686	0 %100
174	M115	Z	0	0	0 %100
175	M116	X	4.964	4.964	0 %100
176	M116	Z	0	0	0 %100
177	M117	X	.849	.849	0 %100
178	M117	Z	0	0	0 %100
179	M118	X	.015	.015	0 %100
180	M118	Z	0	0	0 %100
181	M119	X	.002	.002	0 %100
182	M119	Z	0	0	0 %100
183	M120	X	9.557	9.557	0 %100
184	M120	Z	0	0	0 %100
185	M121	X	9.557	9.557	0 %100
186	M121	Z	0	0	0 %100
187	M122	X	4.964	4.964	0 %100
188	M122	Z	0	0	0 %100
189	M123	X	9.557	9.557	0 %100
190	M123	Z	0	0	0 %100
191	M124	X	9.557	9.557	0 %100
192	M124	Z	0	0	0 %100
193	M125	X	4.964	4.964	0 %100
194	M125	Z	0	0	0 %100
195	M126	X	9.557	9.557	0 %100
196	M126	Z	0	0	0 %100
197	M127	X	9.557	9.557	0 %100
198	M127	Z	0	0	0 %100
199	M128	X	4.964	4.964	0 %100
200	M128	Z	0	0	0 %100
201	M129	X	3.211	3.211	0 %100
202	M129	Z	0	0	0 %100
203	M130	X	3.211	3.211	0 %100
204	M130	Z	0	0	0 %100
205	MP1A	X	7.566	7.566	0 %100
206	MP1A	Z	0	0	0 %100
207	MP4A	X	7.566	7.566	0 %100
208	MP4A	Z	0	0	0 %100
209	MP2A	X	7.566	7.566	0 %100
210	MP2A	Z	0	0	0 %100
211	MP3A	X	7.566	7.566	0 %100
212	MP3A	Z	0	0	0 %100
213	MP1C	X	7.566	7.566	0 %100
214	MP1C	Z	0	0	0 %100
215	MP4C	X	7.566	7.566	0 %100
216	MP4C	Z	0	0	0 %100
217	MP2C	X	7.566	7.566	0 %100
218	MP2C	Z	0	0	0 %100
219	MP3C	X	7.566	7.566	0 %100
220	MP3C	Z	0	0	0 %100
221	MP1B	X	7.566	7.566	0 %100
222	MP1B	Z	0	0	0 %100
223	MP4B	X	7.566	7.566	0 %100
224	MP4B	Z	0	0	0 %100
225	MP2B	X	7.566	7.566	0 %100
226	MP2B	Z	0	0	0 %100
227	MP3B	X	7.566	7.566	0 %100
228	MP3B	Z	0	0	0 %100
229	M163	X	2.444	2.444	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[in, %]	End Location[in, %]
230	M163	Z	0	0	0	%100
231	M164	X	2.139	2.139	0	%100
232	M164	Z	0	0	0	%100
233	M165	X	9.156	9.156	0	%100
234	M165	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[in, %]	End Location[in, %]
1	M51	X	1.983	1.983	0	%100
2	M51	Z	1.145	1.145	0	%100
3	M54	X	1.983	1.983	0	%100
4	M54	Z	1.145	1.145	0	%100
5	M89B	X	6.553	6.553	0	%100
6	M89B	Z	3.783	3.783	0	%100
7	M90A	X	6.54	6.54	0	%100
8	M90A	Z	3.776	3.776	0	%100
9	M89C	X	6.553	6.553	0	%100
10	M89C	Z	3.783	3.783	0	%100
11	M90C	X	1.896	1.896	0	%100
12	M90C	Z	1.095	1.095	0	%100
13	M87C	X	1.033	1.033	0	%100
14	M87C	Z	.596	.596	0	%100
15	M88C	X	.299	.299	0	%100
16	M88C	Z	.173	.173	0	%100
17	M89D	X	6.54	6.54	0	%100
18	M89D	Z	3.776	3.776	0	%100
19	M90B	X	6.517	6.517	0	%100
20	M90B	Z	3.762	3.762	0	%100
21	M91A	X	6.517	6.517	0	%100
22	M91A	Z	3.762	3.762	0	%100
23	M92A	X	4.299	4.299	0	%100
24	M92A	Z	2.482	2.482	0	%100
25	M86A	X	6.517	6.517	0	%100
26	M86A	Z	3.762	3.762	0	%100
27	M87D	X	6.517	6.517	0	%100
28	M87D	Z	3.762	3.762	0	%100
29	M87E	X	4.576	4.576	0	%100
30	M87E	Z	2.642	2.642	0	%100
31	M88D	X	4.299	4.299	0	%100
32	M88D	Z	2.482	2.482	0	%100
33	M89A	X	6.517	6.517	0	%100
34	M89A	Z	3.762	3.762	0	%100
35	M90	X	6.517	6.517	0	%100
36	M90	Z	3.762	3.762	0	%100
37	M91	X	4.576	4.576	0	%100
38	M91	Z	2.642	2.642	0	%100
39	M92	X	4.299	4.299	0	%100
40	M92	Z	2.482	2.482	0	%100
41	M82A	X	1.033	1.033	0	%100
42	M82A	Z	.596	.596	0	%100
43	M83A	X	1.896	1.896	0	%100
44	M83A	Z	1.095	1.095	0	%100
45	M84A	X	.299	.299	0	%100
46	M84A	Z	.173	.173	0	%100
47	M85A	X	6.517	6.517	0	%100
48	M85A	Z	3.762	3.762	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
49	M86B	X	6.517	6.517	0 %100
50	M86B	Z	3.762	3.762	0 %100
51	M87F	X	4.299	4.299	0 %100
52	M87F	Z	2.482	2.482	0 %100
53	M88E	X	6.517	6.517	0 %100
54	M88E	Z	3.762	3.762	0 %100
55	M89E	X	6.517	6.517	0 %100
56	M89E	Z	3.762	3.762	0 %100
57	M90D	X	4.299	4.299	0 %100
58	M90D	Z	2.482	2.482	0 %100
59	M91B	X	6.517	6.517	0 %100
60	M91B	Z	3.762	3.762	0 %100
61	M92B	X	6.517	6.517	0 %100
62	M92B	Z	3.762	3.762	0 %100
63	M93	X	4.299	4.299	0 %100
64	M93	Z	2.482	2.482	0 %100
65	M94	X	3.299	3.299	0 %100
66	M94	Z	1.905	1.905	0 %100
67	M95	X	3.299	3.299	0 %100
68	M95	Z	1.905	1.905	0 %100
69	M47	X	1.983	1.983	0 %100
70	M47	Z	1.145	1.145	0 %100
71	M48	X	1.983	1.983	0 %100
72	M48	Z	1.145	1.145	0 %100
73	M51A	X	6.553	6.553	0 %100
74	M51A	Z	3.783	3.783	0 %100
75	M52	X	1.896	1.896	0 %100
76	M52	Z	1.095	1.095	0 %100
77	M55	X	6.553	6.553	0 %100
78	M55	Z	3.783	3.783	0 %100
79	M56	X	6.54	6.54	0 %100
80	M56	Z	3.776	3.776	0 %100
81	M57	X	.299	.299	0 %100
82	M57	Z	.173	.173	0 %100
83	M58	X	1.033	1.033	0 0
84	M58	Z	.596	.596	0 0
85	M59	X	1.896	1.896	0 %100
86	M59	Z	1.095	1.095	0 %100
87	M60	X	6.517	6.517	0 %100
88	M60	Z	3.762	3.762	0 %100
89	M61	X	6.517	6.517	0 %100
90	M61	Z	3.762	3.762	0 %100
91	M62	X	4.299	4.299	0 %100
92	M62	Z	2.482	2.482	0 %100
93	M63	X	6.517	6.517	0 %100
94	M63	Z	3.762	3.762	0 %100
95	M64	X	6.517	6.517	0 %100
96	M64	Z	3.762	3.762	0 %100
97	M65	X	3.299	3.299	0 %100
98	M65	Z	1.905	1.905	0 %100
99	M66	X	4.299	4.299	0 %100
100	M66	Z	2.482	2.482	0 %100
101	M67	X	6.517	6.517	0 %100
102	M67	Z	3.762	3.762	0 %100
103	M68	X	6.517	6.517	0 %100
104	M68	Z	3.762	3.762	0 %100
105	M69	X	3.299	3.299	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
106	M69	Z	1.905	1.905	0 %100
107	M70	X	4.299	4.299	0 %100
108	M70	Z	2.482	2.482	0 %100
109	M71	X	.299	.299	0 %100
110	M71	Z	.173	.173	0 %100
111	M72	X	6.54	6.54	0 %100
112	M72	Z	3.776	3.776	0 %100
113	M73	X	1.033	1.033	0 %100
114	M73	Z	.596	.596	0 %100
115	M74	X	6.517	6.517	0 %100
116	M74	Z	3.762	3.762	0 %100
117	M75	X	6.517	6.517	0 %100
118	M75	Z	3.762	3.762	0 %100
119	M76	X	4.299	4.299	0 %100
120	M76	Z	2.482	2.482	0 %100
121	M77	X	6.517	6.517	0 %100
122	M77	Z	3.762	3.762	0 %100
123	M78	X	6.517	6.517	0 %100
124	M78	Z	3.762	3.762	0 %100
125	M79	X	4.299	4.299	0 %100
126	M79	Z	2.482	2.482	0 %100
127	M80	X	6.517	6.517	0 %100
128	M80	Z	3.762	3.762	0 %100
129	M81	X	6.517	6.517	0 %100
130	M81	Z	3.762	3.762	0 %100
131	M82	X	4.299	4.299	0 %100
132	M82	Z	2.482	2.482	0 %100
133	M83	X	4.576	4.576	0 %100
134	M83	Z	2.642	2.642	0 %100
135	M84	X	4.576	4.576	0 %100
136	M84	Z	2.642	2.642	0 %100
137	M93A	X	7.932	7.932	0 %100
138	M93A	Z	4.58	4.58	0 %100
139	M94A	X	7.932	7.932	0 %100
140	M94A	Z	4.58	4.58	0 %100
141	M97	X	6.553	6.553	0 %100
142	M97	Z	3.783	3.783	0 %100
143	M98	X	1.393	1.393	0 %100
144	M98	Z	.804	.804	0 %100
145	M101	X	6.553	6.553	0 %100
146	M101	Z	3.783	3.783	0 %100
147	M102	X	1.393	1.393	0 %100
148	M102	Z	.804	.804	0 %100
149	M103	X	.22	.22	0 0
150	M103	Z	.127	.127	0 0
151	M104	X	.22	.22	0 %100
152	M104	Z	.127	.127	0 %100
153	M105	X	1.393	1.393	0 %100
154	M105	Z	.804	.804	0 %100
155	M106	X	6.517	6.517	0 %100
156	M106	Z	3.762	3.762	0 %100
157	M107	X	6.517	6.517	0 %100
158	M107	Z	3.762	3.762	0 %100
159	M108	X	4.299	4.299	0 %100
160	M108	Z	2.482	2.482	0 %100
161	M109	X	6.517	6.517	0 %100
162	M109	Z	3.762	3.762	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
163	M110	X	6.517	6.517	0 %100
164	M110	Z	3.762	3.762	0 %100
165	M111	X	3.161	3.161	0 %100
166	M111	Z	1.825	1.825	0 %100
167	M112	X	4.299	4.299	0 %100
168	M112	Z	2.482	2.482	0 %100
169	M113	X	6.517	6.517	0 %100
170	M113	Z	3.762	3.762	0 %100
171	M114	X	6.517	6.517	0 %100
172	M114	Z	3.762	3.762	0 %100
173	M115	X	3.161	3.161	0 %100
174	M115	Z	1.825	1.825	0 %100
175	M116	X	4.299	4.299	0 %100
176	M116	Z	2.482	2.482	0 %100
177	M117	X	.22	.22	0 %100
178	M117	Z	.127	.127	0 %100
179	M118	X	1.393	1.393	0 %100
180	M118	Z	.804	.804	0 %100
181	M119	X	.22	.22	0 %100
182	M119	Z	.127	.127	0 %100
183	M120	X	6.517	6.517	0 %100
184	M120	Z	3.762	3.762	0 %100
185	M121	X	6.517	6.517	0 %100
186	M121	Z	3.762	3.762	0 %100
187	M122	X	4.299	4.299	0 %100
188	M122	Z	2.482	2.482	0 %100
189	M123	X	6.517	6.517	0 %100
190	M123	Z	3.762	3.762	0 %100
191	M124	X	6.517	6.517	0 %100
192	M124	Z	3.762	3.762	0 %100
193	M125	X	4.299	4.299	0 %100
194	M125	Z	2.482	2.482	0 %100
195	M126	X	6.517	6.517	0 %100
196	M126	Z	3.762	3.762	0 %100
197	M127	X	6.517	6.517	0 %100
198	M127	Z	3.762	3.762	0 %100
199	M128	X	4.299	4.299	0 %100
200	M128	Z	2.482	2.482	0 %100
201	M129	X	3.161	3.161	0 %100
202	M129	Z	1.825	1.825	0 %100
203	M130	X	3.161	3.161	0 %100
204	M130	Z	1.825	1.825	0 %100
205	MP1A	X	6.553	6.553	0 %100
206	MP1A	Z	3.783	3.783	0 %100
207	MP4A	X	6.553	6.553	0 %100
208	MP4A	Z	3.783	3.783	0 %100
209	MP2A	X	6.553	6.553	0 %100
210	MP2A	Z	3.783	3.783	0 %100
211	MP3A	X	6.553	6.553	0 %100
212	MP3A	Z	3.783	3.783	0 %100
213	MP1C	X	6.553	6.553	0 %100
214	MP1C	Z	3.783	3.783	0 %100
215	MP4C	X	6.553	6.553	0 %100
216	MP4C	Z	3.783	3.783	0 %100
217	MP2C	X	6.553	6.553	0 %100
218	MP2C	Z	3.783	3.783	0 %100
219	MP3C	X	6.553	6.553	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
220	MP3C	Z	3.783	3.783	0	%100
221	MP1B	X	6.553	6.553	0	%100
222	MP1B	Z	3.783	3.783	0	%100
223	MP4B	X	6.553	6.553	0	%100
224	MP4B	Z	3.783	3.783	0	%100
225	MP2B	X	6.553	6.553	0	%100
226	MP2B	Z	3.783	3.783	0	%100
227	MP3B	X	6.553	6.553	0	%100
228	MP3B	Z	3.783	3.783	0	%100
229	M163	X	6.08	6.08	0	%100
230	M163	Z	3.51	3.51	0	%100
231	M164	X	.003	.003	0	%100
232	M164	Z	.002	.002	0	%100
233	M165	X	5.815	5.815	0	%100
234	M165	Z	3.357	3.357	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M51	X	3.435	3.435	0	%100
2	M51	Z	5.949	5.949	0	%100
3	M54	X	3.435	3.435	0	%100
4	M54	Z	5.949	5.949	0	%100
5	M89B	X	3.783	3.783	0	%100
6	M89B	Z	6.553	6.553	0	%100
7	M90A	X	2.688	2.688	0	%100
8	M90A	Z	4.656	4.656	0	%100
9	M89C	X	3.783	3.783	0	%100
10	M89C	Z	6.553	6.553	0	%100
11	M90C	X	.007	.007	0	%100
12	M90C	Z	.013	.013	0	%100
13	M87C	X	.424	.424	0	%100
14	M87C	Z	.735	.735	0	%100
15	M88C	X	.001	.001	0	%100
16	M88C	Z	.002	.002	0	%100
17	M89D	X	2.688	2.688	0	%100
18	M89D	Z	4.656	4.656	0	%100
19	M90B	X	1.73	1.73	0	%100
20	M90B	Z	2.996	2.996	0	%100
21	M91A	X	1.73	1.73	0	%100
22	M91A	Z	2.996	2.996	0	%100
23	M92A	X	2.482	2.482	0	%100
24	M92A	Z	4.299	4.299	0	%100
25	M86A	X	1.73	1.73	0	%100
26	M86A	Z	2.996	2.996	0	%100
27	M87D	X	1.73	1.73	0	%100
28	M87D	Z	2.996	2.996	0	%100
29	M87E	X	2.343	2.343	0	%100
30	M87E	Z	4.058	4.058	0	%100
31	M88D	X	2.482	2.482	0	%100
32	M88D	Z	4.299	4.299	0	%100
33	M89A	X	1.73	1.73	0	%100
34	M89A	Z	2.996	2.996	0	%100
35	M90	X	1.73	1.73	0	%100
36	M90	Z	2.996	2.996	0	%100
37	M91	X	2.343	2.343	0	%100
38	M91	Z	4.058	4.058	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
39	M92	X	2.482	2.482	0 %100
40	M92	Z	4.299	4.299	0 %100
41	M82A	X	.424	.424	0 %100
42	M82A	Z	.735	.735	0 %100
43	M83A	X	.007	.007	0 %100
44	M83A	Z	.013	.013	0 %100
45	M84A	X	.001	.001	0 %100
46	M84A	Z	.002	.002	0 %100
47	M85A	X	1.73	1.73	0 %100
48	M85A	Z	2.996	2.996	0 %100
49	M86B	X	1.73	1.73	0 %100
50	M86B	Z	2.996	2.996	0 %100
51	M87F	X	2.482	2.482	0 %100
52	M87F	Z	4.299	4.299	0 %100
53	M88E	X	1.73	1.73	0 %100
54	M88E	Z	2.996	2.996	0 %100
55	M89E	X	1.73	1.73	0 %100
56	M89E	Z	2.996	2.996	0 %100
57	M90D	X	2.482	2.482	0 %100
58	M90D	Z	4.299	4.299	0 %100
59	M91B	X	1.73	1.73	0 %100
60	M91B	Z	2.996	2.996	0 %100
61	M92B	X	1.73	1.73	0 %100
62	M92B	Z	2.996	2.996	0 %100
63	M93	X	2.482	2.482	0 %100
64	M93	Z	4.299	4.299	0 %100
65	M94	X	1.606	1.606	0 %100
66	M94	Z	2.781	2.781	0 %100
67	M95	X	1.606	1.606	0 %100
68	M95	Z	2.781	2.781	0 %100
69	M47	X	0	0	0 %100
70	M47	Z	0	0	0 %100
71	M48	X	0	0	0 %100
72	M48	Z	0	0	0 %100
73	M51A	X	3.783	3.783	0 %100
74	M51A	Z	6.553	6.553	0 %100
75	M52	X	2.979	2.979	0 %100
76	M52	Z	5.16	5.16	0 %100
77	M55	X	3.783	3.783	0 %100
78	M55	Z	6.553	6.553	0 %100
79	M56	X	2.979	2.979	0 %100
80	M56	Z	5.16	5.16	0 %100
81	M57	X	.47	.47	0 %100
82	M57	Z	.815	.815	0 %100
83	M58	X	.47	.47	0 0
84	M58	Z	.815	.815	0 0
85	M59	X	2.979	2.979	0 %100
86	M59	Z	5.16	5.16	0 %100
87	M60	X	1.73	1.73	0 %100
88	M60	Z	2.996	2.996	0 %100
89	M61	X	1.73	1.73	0 %100
90	M61	Z	2.996	2.996	0 %100
91	M62	X	2.482	2.482	0 %100
92	M62	Z	4.299	4.299	0 %100
93	M63	X	1.73	1.73	0 %100
94	M63	Z	2.996	2.996	0 %100
95	M64	X	1.73	1.73	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
96	M64	Z	2.996	2.996	0 %100
97	M65	X	2.423	2.423	0 %100
98	M65	Z	4.197	4.197	0 %100
99	M66	X	2.482	2.482	0 %100
100	M66	Z	4.299	4.299	0 %100
101	M67	X	1.73	1.73	0 %100
102	M67	Z	2.996	2.996	0 %100
103	M68	X	1.73	1.73	0 %100
104	M68	Z	2.996	2.996	0 %100
105	M69	X	2.423	2.423	0 %100
106	M69	Z	4.197	4.197	0 %100
107	M70	X	2.482	2.482	0 %100
108	M70	Z	4.299	4.299	0 %100
109	M71	X	.47	.47	0 %100
110	M71	Z	.815	.815	0 %100
111	M72	X	2.979	2.979	0 %100
112	M72	Z	5.16	5.16	0 %100
113	M73	X	.47	.47	0 %100
114	M73	Z	.815	.815	0 %100
115	M74	X	1.73	1.73	0 %100
116	M74	Z	2.996	2.996	0 %100
117	M75	X	1.73	1.73	0 %100
118	M75	Z	2.996	2.996	0 %100
119	M76	X	2.482	2.482	0 %100
120	M76	Z	4.299	4.299	0 %100
121	M77	X	1.73	1.73	0 %100
122	M77	Z	2.996	2.996	0 %100
123	M78	X	1.73	1.73	0 %100
124	M78	Z	2.996	2.996	0 %100
125	M79	X	2.482	2.482	0 %100
126	M79	Z	4.299	4.299	0 %100
127	M80	X	1.73	1.73	0 %100
128	M80	Z	2.996	2.996	0 %100
129	M81	X	1.73	1.73	0 %100
130	M81	Z	2.996	2.996	0 %100
131	M82	X	2.482	2.482	0 %100
132	M82	Z	4.299	4.299	0 %100
133	M83	X	2.423	2.423	0 %100
134	M83	Z	4.197	4.197	0 %100
135	M84	X	2.423	2.423	0 %100
136	M84	Z	4.197	4.197	0 %100
137	M93A	X	3.435	3.435	0 %100
138	M93A	Z	5.949	5.949	0 %100
139	M94A	X	3.435	3.435	0 %100
140	M94A	Z	5.949	5.949	0 %100
141	M97	X	3.783	3.783	0 %100
142	M97	Z	6.553	6.553	0 %100
143	M98	X	.007	.007	0 %100
144	M98	Z	.013	.013	0 %100
145	M101	X	3.783	3.783	0 %100
146	M101	Z	6.553	6.553	0 %100
147	M102	X	2.688	2.688	0 %100
148	M102	Z	4.656	4.656	0 %100
149	M103	X	.001	.001	0 0
150	M103	Z	.002	.002	0 0
151	M104	X	.424	.424	0 %100
152	M104	Z	.735	.735	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
153	M105	X	.007	.007	0 %100
154	M105	Z	.013	.013	0 %100
155	M106	X	1.73	1.73	0 %100
156	M106	Z	2.996	2.996	0 %100
157	M107	X	1.73	1.73	0 %100
158	M107	Z	2.996	2.996	0 %100
159	M108	X	2.482	2.482	0 %100
160	M108	Z	4.299	4.299	0 %100
161	M109	X	1.73	1.73	0 %100
162	M109	Z	2.996	2.996	0 %100
163	M110	X	1.73	1.73	0 %100
164	M110	Z	2.996	2.996	0 %100
165	M111	X	1.606	1.606	0 %100
166	M111	Z	2.781	2.781	0 %100
167	M112	X	2.482	2.482	0 %100
168	M112	Z	4.299	4.299	0 %100
169	M113	X	1.73	1.73	0 %100
170	M113	Z	2.996	2.996	0 %100
171	M114	X	1.73	1.73	0 %100
172	M114	Z	2.996	2.996	0 %100
173	M115	X	1.606	1.606	0 %100
174	M115	Z	2.781	2.781	0 %100
175	M116	X	2.482	2.482	0 %100
176	M116	Z	4.299	4.299	0 %100
177	M117	X	.001	.001	0 %100
178	M117	Z	.002	.002	0 %100
179	M118	X	2.688	2.688	0 %100
180	M118	Z	4.656	4.656	0 %100
181	M119	X	.424	.424	0 %100
182	M119	Z	.735	.735	0 %100
183	M120	X	1.73	1.73	0 %100
184	M120	Z	2.996	2.996	0 %100
185	M121	X	1.73	1.73	0 %100
186	M121	Z	2.996	2.996	0 %100
187	M122	X	2.482	2.482	0 %100
188	M122	Z	4.299	4.299	0 %100
189	M123	X	1.73	1.73	0 %100
190	M123	Z	2.996	2.996	0 %100
191	M124	X	1.73	1.73	0 %100
192	M124	Z	2.996	2.996	0 %100
193	M125	X	2.482	2.482	0 %100
194	M125	Z	4.299	4.299	0 %100
195	M126	X	1.73	1.73	0 %100
196	M126	Z	2.996	2.996	0 %100
197	M127	X	1.73	1.73	0 %100
198	M127	Z	2.996	2.996	0 %100
199	M128	X	2.482	2.482	0 %100
200	M128	Z	4.299	4.299	0 %100
201	M129	X	2.343	2.343	0 %100
202	M129	Z	4.058	4.058	0 %100
203	M130	X	2.343	2.343	0 %100
204	M130	Z	4.058	4.058	0 %100
205	MP1A	X	3.783	3.783	0 %100
206	MP1A	Z	6.553	6.553	0 %100
207	MP4A	X	3.783	3.783	0 %100
208	MP4A	Z	6.553	6.553	0 %100
209	MP2A	X	3.783	3.783	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
210	MP2A	Z	6.553	6.553	0	%100
211	MP3A	X	3.783	3.783	0	%100
212	MP3A	Z	6.553	6.553	0	%100
213	MP1C	X	3.783	3.783	0	%100
214	MP1C	Z	6.553	6.553	0	%100
215	MP4C	X	3.783	3.783	0	%100
216	MP4C	Z	6.553	6.553	0	%100
217	MP2C	X	3.783	3.783	0	%100
218	MP2C	Z	6.553	6.553	0	%100
219	MP3C	X	3.783	3.783	0	%100
220	MP3C	Z	6.553	6.553	0	%100
221	MP1B	X	3.783	3.783	0	%100
222	MP1B	Z	6.553	6.553	0	%100
223	MP4B	X	3.783	3.783	0	%100
224	MP4B	Z	6.553	6.553	0	%100
225	MP2B	X	3.783	3.783	0	%100
226	MP2B	Z	6.553	6.553	0	%100
227	MP3B	X	3.783	3.783	0	%100
228	MP3B	Z	6.553	6.553	0	%100
229	M163	X	4.578	4.578	0	%100
230	M163	Z	7.929	7.929	0	%100
231	M164	X	1.222	1.222	0	%100
232	M164	Z	2.117	2.117	0	%100
233	M165	X	1.069	1.069	0	%100
234	M165	Z	1.852	1.852	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M51	X	0	0	0	%100
2	M51	Z	9.159	9.159	0	%100
3	M54	X	0	0	0	%100
4	M54	Z	9.159	9.159	0	%100
5	M89B	X	0	0	0	%100
6	M89B	Z	7.566	7.566	0	%100
7	M90A	X	0	0	0	%100
8	M90A	Z	1.608	1.608	0	%100
9	M89C	X	0	0	0	%100
10	M89C	Z	7.566	7.566	0	%100
11	M90C	X	0	0	0	%100
12	M90C	Z	1.608	1.608	0	%100
13	M87C	X	0	0	0	%100
14	M87C	Z	.254	.254	0	%100
15	M88C	X	0	0	0	%100
16	M88C	Z	.254	.254	0	%100
17	M89D	X	0	0	0	%100
18	M89D	Z	1.608	1.608	0	%100
19	M90B	X	0	0	0	%100
20	M90B	Z	1.427	1.427	0	%100
21	M91A	X	0	0	0	%100
22	M91A	Z	1.427	1.427	0	%100
23	M92A	X	0	0	0	%100
24	M92A	Z	4.964	4.964	0	%100
25	M86A	X	0	0	0	%100
26	M86A	Z	1.427	1.427	0	%100
27	M87D	X	0	0	0	%100
28	M87D	Z	1.427	1.427	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
29	M87E	X	0	0	0	%100
30	M87E	Z	3.65	3.65	0	%100
31	M88D	X	0	0	0	%100
32	M88D	Z	4.964	4.964	0	%100
33	M89A	X	0	0	0	%100
34	M89A	Z	1.427	1.427	0	%100
35	M90	X	0	0	0	%100
36	M90	Z	1.427	1.427	0	%100
37	M91	X	0	0	0	%100
38	M91	Z	3.65	3.65	0	%100
39	M92	X	0	0	0	%100
40	M92	Z	4.964	4.964	0	%100
41	M82A	X	0	0	0	%100
42	M82A	Z	.254	.254	0	%100
43	M83A	X	0	0	0	%100
44	M83A	Z	1.608	1.608	0	%100
45	M84A	X	0	0	0	%100
46	M84A	Z	.254	.254	0	%100
47	M85A	X	0	0	0	%100
48	M85A	Z	1.427	1.427	0	%100
49	M86B	X	0	0	0	%100
50	M86B	Z	1.427	1.427	0	%100
51	M87F	X	0	0	0	%100
52	M87F	Z	4.964	4.964	0	%100
53	M88E	X	0	0	0	%100
54	M88E	Z	1.427	1.427	0	%100
55	M89E	X	0	0	0	%100
56	M89E	Z	1.427	1.427	0	%100
57	M90D	X	0	0	0	%100
58	M90D	Z	4.964	4.964	0	%100
59	M91B	X	0	0	0	%100
60	M91B	Z	1.427	1.427	0	%100
61	M92B	X	0	0	0	%100
62	M92B	Z	1.427	1.427	0	%100
63	M93	X	0	0	0	%100
64	M93	Z	4.964	4.964	0	%100
65	M94	X	0	0	0	%100
66	M94	Z	3.65	3.65	0	%100
67	M95	X	0	0	0	%100
68	M95	Z	3.65	3.65	0	%100
69	M47	X	0	0	0	%100
70	M47	Z	2.29	2.29	0	%100
71	M48	X	0	0	0	%100
72	M48	Z	2.29	2.29	0	%100
73	M51A	X	0	0	0	%100
74	M51A	Z	7.566	7.566	0	%100
75	M52	X	0	0	0	%100
76	M52	Z	7.551	7.551	0	%100
77	M55	X	0	0	0	%100
78	M55	Z	7.566	7.566	0	%100
79	M56	X	0	0	0	%100
80	M56	Z	2.19	2.19	0	%100
81	M57	X	0	0	0	%100
82	M57	Z	1.192	1.192	0	%100
83	M58	X	0	0	0	0
84	M58	Z	.346	.346	0	0
85	M59	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
86	M59	Z	7.551	7.551	0 %100
87	M60	X	0	0	0 %100
88	M60	Z	1.427	1.427	0 %100
89	M61	X	0	0	0 %100
90	M61	Z	1.427	1.427	0 %100
91	M62	X	0	0	0 %100
92	M62	Z	4.964	4.964	0 %100
93	M63	X	0	0	0 %100
94	M63	Z	1.427	1.427	0 %100
95	M64	X	0	0	0 %100
96	M64	Z	1.427	1.427	0 %100
97	M65	X	0	0	0 %100
98	M65	Z	5.284	5.284	0 %100
99	M66	X	0	0	0 %100
100	M66	Z	4.964	4.964	0 %100
101	M67	X	0	0	0 %100
102	M67	Z	1.427	1.427	0 %100
103	M68	X	0	0	0 %100
104	M68	Z	1.427	1.427	0 %100
105	M69	X	0	0	0 %100
106	M69	Z	5.284	5.284	0 %100
107	M70	X	0	0	0 %100
108	M70	Z	4.964	4.964	0 %100
109	M71	X	0	0	0 %100
110	M71	Z	1.192	1.192	0 %100
111	M72	X	0	0	0 %100
112	M72	Z	2.19	2.19	0 %100
113	M73	X	0	0	0 %100
114	M73	Z	.346	.346	0 %100
115	M74	X	0	0	0 %100
116	M74	Z	1.427	1.427	0 %100
117	M75	X	0	0	0 %100
118	M75	Z	1.427	1.427	0 %100
119	M76	X	0	0	0 %100
120	M76	Z	4.964	4.964	0 %100
121	M77	X	0	0	0 %100
122	M77	Z	1.427	1.427	0 %100
123	M78	X	0	0	0 %100
124	M78	Z	1.427	1.427	0 %100
125	M79	X	0	0	0 %100
126	M79	Z	4.964	4.964	0 %100
127	M80	X	0	0	0 %100
128	M80	Z	1.427	1.427	0 %100
129	M81	X	0	0	0 %100
130	M81	Z	1.427	1.427	0 %100
131	M82	X	0	0	0 %100
132	M82	Z	4.964	4.964	0 %100
133	M83	X	0	0	0 %100
134	M83	Z	3.81	3.81	0 %100
135	M84	X	0	0	0 %100
136	M84	Z	3.81	3.81	0 %100
137	M93A	X	0	0	0 %100
138	M93A	Z	2.29	2.29	0 %100
139	M94A	X	0	0	0 %100
140	M94A	Z	2.29	2.29	0 %100
141	M97	X	0	0	0 %100
142	M97	Z	7.566	7.566	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
143	M98	X	0	0	%100
144	M98	Z	2.19	2.19	%100
145	M101	X	0	0	%100
146	M101	Z	7.566	7.566	%100
147	M102	X	0	0	%100
148	M102	Z	7.551	7.551	%100
149	M103	X	0	0	0
150	M103	Z	.346	.346	0
151	M104	X	0	0	%100
152	M104	Z	1.192	1.192	%100
153	M105	X	0	0	%100
154	M105	Z	2.19	2.19	%100
155	M106	X	0	0	%100
156	M106	Z	1.427	1.427	%100
157	M107	X	0	0	%100
158	M107	Z	1.427	1.427	%100
159	M108	X	0	0	%100
160	M108	Z	4.964	4.964	%100
161	M109	X	0	0	%100
162	M109	Z	1.427	1.427	%100
163	M110	X	0	0	%100
164	M110	Z	1.427	1.427	%100
165	M111	X	0	0	%100
166	M111	Z	3.81	3.81	%100
167	M112	X	0	0	%100
168	M112	Z	4.964	4.964	%100
169	M113	X	0	0	%100
170	M113	Z	1.427	1.427	%100
171	M114	X	0	0	%100
172	M114	Z	1.427	1.427	%100
173	M115	X	0	0	%100
174	M115	Z	3.81	3.81	%100
175	M116	X	0	0	%100
176	M116	Z	4.964	4.964	%100
177	M117	X	0	0	%100
178	M117	Z	.346	.346	%100
179	M118	X	0	0	%100
180	M118	Z	7.551	7.551	%100
181	M119	X	0	0	%100
182	M119	Z	1.192	1.192	%100
183	M120	X	0	0	%100
184	M120	Z	1.427	1.427	%100
185	M121	X	0	0	%100
186	M121	Z	1.427	1.427	%100
187	M122	X	0	0	%100
188	M122	Z	4.964	4.964	%100
189	M123	X	0	0	%100
190	M123	Z	1.427	1.427	%100
191	M124	X	0	0	%100
192	M124	Z	1.427	1.427	%100
193	M125	X	0	0	%100
194	M125	Z	4.964	4.964	%100
195	M126	X	0	0	%100
196	M126	Z	1.427	1.427	%100
197	M127	X	0	0	%100
198	M127	Z	1.427	1.427	%100
199	M128	X	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
200	M128	Z	4.964	4.964	0	%100
201	M129	X	0	0	0	%100
202	M129	Z	5.284	5.284	0	%100
203	M130	X	0	0	0	%100
204	M130	Z	5.284	5.284	0	%100
205	MP1A	X	0	0	0	%100
206	MP1A	Z	7.566	7.566	0	%100
207	MP4A	X	0	0	0	%100
208	MP4A	Z	7.566	7.566	0	%100
209	MP2A	X	0	0	0	%100
210	MP2A	Z	7.566	7.566	0	%100
211	MP3A	X	0	0	0	%100
212	MP3A	Z	7.566	7.566	0	%100
213	MP1C	X	0	0	0	%100
214	MP1C	Z	7.566	7.566	0	%100
215	MP4C	X	0	0	0	%100
216	MP4C	Z	7.566	7.566	0	%100
217	MP2C	X	0	0	0	%100
218	MP2C	Z	7.566	7.566	0	%100
219	MP3C	X	0	0	0	%100
220	MP3C	Z	7.566	7.566	0	%100
221	MP1B	X	0	0	0	%100
222	MP1B	Z	7.566	7.566	0	%100
223	MP4B	X	0	0	0	%100
224	MP4B	Z	7.566	7.566	0	%100
225	MP2B	X	0	0	0	%100
226	MP2B	Z	7.566	7.566	0	%100
227	MP3B	X	0	0	0	%100
228	MP3B	Z	7.566	7.566	0	%100
229	M163	X	0	0	0	%100
230	M163	Z	6.715	6.715	0	%100
231	M164	X	0	0	0	%100
232	M164	Z	7.02	7.02	0	%100
233	M165	X	0	0	0	%100
234	M165	Z	.003	.003	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M51	X	-3.435	-3.435	0	%100
2	M51	Z	5.949	5.949	0	%100
3	M54	X	-3.435	-3.435	0	%100
4	M54	Z	5.949	5.949	0	%100
5	M89B	X	-3.783	-3.783	0	%100
6	M89B	Z	6.553	6.553	0	%100
7	M90A	X	-.007	-.007	0	%100
8	M90A	Z	.013	.013	0	%100
9	M89C	X	-3.783	-3.783	0	%100
10	M89C	Z	6.553	6.553	0	%100
11	M90C	X	-2.688	-2.688	0	%100
12	M90C	Z	4.656	4.656	0	%100
13	M87C	X	-.001	-.001	0	%100
14	M87C	Z	.002	.002	0	%100
15	M88C	X	-.424	-.424	0	%100
16	M88C	Z	.735	.735	0	%100
17	M89D	X	-.007	-.007	0	%100
18	M89D	Z	.013	.013	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
19	M90B	X	-1.73	-1.73	0 %100
20	M90B	Z	2.996	2.996	0 %100
21	M91A	X	-1.73	-1.73	0 %100
22	M91A	Z	2.996	2.996	0 %100
23	M92A	X	-2.482	-2.482	0 %100
24	M92A	Z	4.299	4.299	0 %100
25	M86A	X	-1.73	-1.73	0 %100
26	M86A	Z	2.996	2.996	0 %100
27	M87D	X	-1.73	-1.73	0 %100
28	M87D	Z	2.996	2.996	0 %100
29	M87E	X	-1.606	-1.606	0 %100
30	M87E	Z	2.781	2.781	0 %100
31	M88D	X	-2.482	-2.482	0 %100
32	M88D	Z	4.299	4.299	0 %100
33	M89A	X	-1.73	-1.73	0 %100
34	M89A	Z	2.996	2.996	0 %100
35	M90	X	-1.73	-1.73	0 %100
36	M90	Z	2.996	2.996	0 %100
37	M91	X	-1.606	-1.606	0 %100
38	M91	Z	2.781	2.781	0 %100
39	M92	X	-2.482	-2.482	0 %100
40	M92	Z	4.299	4.299	0 %100
41	M82A	X	-.001	-.001	0 %100
42	M82A	Z	.002	.002	0 %100
43	M83A	X	-2.688	-2.688	0 %100
44	M83A	Z	4.656	4.656	0 %100
45	M84A	X	-.424	-.424	0 %100
46	M84A	Z	.735	.735	0 %100
47	M85A	X	-1.73	-1.73	0 %100
48	M85A	Z	2.996	2.996	0 %100
49	M86B	X	-1.73	-1.73	0 %100
50	M86B	Z	2.996	2.996	0 %100
51	M87F	X	-2.482	-2.482	0 %100
52	M87F	Z	4.299	4.299	0 %100
53	M88E	X	-1.73	-1.73	0 %100
54	M88E	Z	2.996	2.996	0 %100
55	M89E	X	-1.73	-1.73	0 %100
56	M89E	Z	2.996	2.996	0 %100
57	M90D	X	-2.482	-2.482	0 %100
58	M90D	Z	4.299	4.299	0 %100
59	M91B	X	-1.73	-1.73	0 %100
60	M91B	Z	2.996	2.996	0 %100
61	M92B	X	-1.73	-1.73	0 %100
62	M92B	Z	2.996	2.996	0 %100
63	M93	X	-2.482	-2.482	0 %100
64	M93	Z	4.299	4.299	0 %100
65	M94	X	-2.343	-2.343	0 %100
66	M94	Z	4.058	4.058	0 %100
67	M95	X	-2.343	-2.343	0 %100
68	M95	Z	4.058	4.058	0 %100
69	M47	X	-3.435	-3.435	0 %100
70	M47	Z	5.949	5.949	0 %100
71	M48	X	-3.435	-3.435	0 %100
72	M48	Z	5.949	5.949	0 %100
73	M51A	X	-3.783	-3.783	0 %100
74	M51A	Z	6.553	6.553	0 %100
75	M52	X	-2.688	-2.688	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[in,%]	End Location[in,%]
76	M52	Z	4.656	4.656	0 %100
77	M55	X	-3.783	-3.783	0 %100
78	M55	Z	6.553	6.553	0 %100
79	M56	X	-.007	-.007	0 %100
80	M56	Z	.013	.013	0 %100
81	M57	X	-.424	-.424	0 %100
82	M57	Z	.735	.735	0 %100
83	M58	X	-.001	-.001	0 0
84	M58	Z	.002	.002	0 0
85	M59	X	-2.688	-2.688	0 %100
86	M59	Z	4.656	4.656	0 %100
87	M60	X	-1.73	-1.73	0 %100
88	M60	Z	2.996	2.996	0 %100
89	M61	X	-1.73	-1.73	0 %100
90	M61	Z	2.996	2.996	0 %100
91	M62	X	-2.482	-2.482	0 %100
92	M62	Z	4.299	4.299	0 %100
93	M63	X	-1.73	-1.73	0 %100
94	M63	Z	2.996	2.996	0 %100
95	M64	X	-1.73	-1.73	0 %100
96	M64	Z	2.996	2.996	0 %100
97	M65	X	-2.343	-2.343	0 %100
98	M65	Z	4.058	4.058	0 %100
99	M66	X	-2.482	-2.482	0 %100
100	M66	Z	4.299	4.299	0 %100
101	M67	X	-1.73	-1.73	0 %100
102	M67	Z	2.996	2.996	0 %100
103	M68	X	-1.73	-1.73	0 %100
104	M68	Z	2.996	2.996	0 %100
105	M69	X	-2.343	-2.343	0 %100
106	M69	Z	4.058	4.058	0 %100
107	M70	X	-2.482	-2.482	0 %100
108	M70	Z	4.299	4.299	0 %100
109	M71	X	-.424	-.424	0 %100
110	M71	Z	.735	.735	0 %100
111	M72	X	-.007	-.007	0 %100
112	M72	Z	.013	.013	0 %100
113	M73	X	-.001	-.001	0 %100
114	M73	Z	.002	.002	0 %100
115	M74	X	-1.73	-1.73	0 %100
116	M74	Z	2.996	2.996	0 %100
117	M75	X	-1.73	-1.73	0 %100
118	M75	Z	2.996	2.996	0 %100
119	M76	X	-2.482	-2.482	0 %100
120	M76	Z	4.299	4.299	0 %100
121	M77	X	-1.73	-1.73	0 %100
122	M77	Z	2.996	2.996	0 %100
123	M78	X	-1.73	-1.73	0 %100
124	M78	Z	2.996	2.996	0 %100
125	M79	X	-2.482	-2.482	0 %100
126	M79	Z	4.299	4.299	0 %100
127	M80	X	-1.73	-1.73	0 %100
128	M80	Z	2.996	2.996	0 %100
129	M81	X	-1.73	-1.73	0 %100
130	M81	Z	2.996	2.996	0 %100
131	M82	X	-2.482	-2.482	0 %100
132	M82	Z	4.299	4.299	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
133	M83	X	-1.606	-1.606	0 %100
134	M83	Z	2.781	2.781	0 %100
135	M84	X	-1.606	-1.606	0 %100
136	M84	Z	2.781	2.781	0 %100
137	M93A	X	0	0	0 %100
138	M93A	Z	0	0	0 %100
139	M94A	X	0	0	0 %100
140	M94A	Z	0	0	0 %100
141	M97	X	-3.783	-3.783	0 %100
142	M97	Z	6.553	6.553	0 %100
143	M98	X	-2.979	-2.979	0 %100
144	M98	Z	5.16	5.16	0 %100
145	M101	X	-3.783	-3.783	0 %100
146	M101	Z	6.553	6.553	0 %100
147	M102	X	-2.979	-2.979	0 %100
148	M102	Z	5.16	5.16	0 %100
149	M103	X	-.47	-.47	0 0
150	M103	Z	.815	.815	0 0
151	M104	X	-.47	-.47	0 %100
152	M104	Z	.815	.815	0 %100
153	M105	X	-2.979	-2.979	0 %100
154	M105	Z	5.16	5.16	0 %100
155	M106	X	-1.73	-1.73	0 %100
156	M106	Z	2.996	2.996	0 %100
157	M107	X	-1.73	-1.73	0 %100
158	M107	Z	2.996	2.996	0 %100
159	M108	X	-2.482	-2.482	0 %100
160	M108	Z	4.299	4.299	0 %100
161	M109	X	-1.73	-1.73	0 %100
162	M109	Z	2.996	2.996	0 %100
163	M110	X	-1.73	-1.73	0 %100
164	M110	Z	2.996	2.996	0 %100
165	M111	X	-2.423	-2.423	0 %100
166	M111	Z	4.197	4.197	0 %100
167	M112	X	-2.482	-2.482	0 %100
168	M112	Z	4.299	4.299	0 %100
169	M113	X	-1.73	-1.73	0 %100
170	M113	Z	2.996	2.996	0 %100
171	M114	X	-1.73	-1.73	0 %100
172	M114	Z	2.996	2.996	0 %100
173	M115	X	-2.423	-2.423	0 %100
174	M115	Z	4.197	4.197	0 %100
175	M116	X	-2.482	-2.482	0 %100
176	M116	Z	4.299	4.299	0 %100
177	M117	X	-.47	-.47	0 %100
178	M117	Z	.815	.815	0 %100
179	M118	X	-2.979	-2.979	0 %100
180	M118	Z	5.16	5.16	0 %100
181	M119	X	-.47	-.47	0 %100
182	M119	Z	.815	.815	0 %100
183	M120	X	-1.73	-1.73	0 %100
184	M120	Z	2.996	2.996	0 %100
185	M121	X	-1.73	-1.73	0 %100
186	M121	Z	2.996	2.996	0 %100
187	M122	X	-2.482	-2.482	0 %100
188	M122	Z	4.299	4.299	0 %100
189	M123	X	-1.73	-1.73	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
190	M123	Z	2.996	2.996	0	%100
191	M124	X	-1.73	-1.73	0	%100
192	M124	Z	2.996	2.996	0	%100
193	M125	X	-2.482	-2.482	0	%100
194	M125	Z	4.299	4.299	0	%100
195	M126	X	-1.73	-1.73	0	%100
196	M126	Z	2.996	2.996	0	%100
197	M127	X	-1.73	-1.73	0	%100
198	M127	Z	2.996	2.996	0	%100
199	M128	X	-2.482	-2.482	0	%100
200	M128	Z	4.299	4.299	0	%100
201	M129	X	-2.423	-2.423	0	%100
202	M129	Z	4.197	4.197	0	%100
203	M130	X	-2.423	-2.423	0	%100
204	M130	Z	4.197	4.197	0	%100
205	MP1A	X	-3.783	-3.783	0	%100
206	MP1A	Z	6.553	6.553	0	%100
207	MP4A	X	-3.783	-3.783	0	%100
208	MP4A	Z	6.553	6.553	0	%100
209	MP2A	X	-3.783	-3.783	0	%100
210	MP2A	Z	6.553	6.553	0	%100
211	MP3A	X	-3.783	-3.783	0	%100
212	MP3A	Z	6.553	6.553	0	%100
213	MP1C	X	-3.783	-3.783	0	%100
214	MP1C	Z	6.553	6.553	0	%100
215	MP4C	X	-3.783	-3.783	0	%100
216	MP4C	Z	6.553	6.553	0	%100
217	MP2C	X	-3.783	-3.783	0	%100
218	MP2C	Z	6.553	6.553	0	%100
219	MP3C	X	-3.783	-3.783	0	%100
220	MP3C	Z	6.553	6.553	0	%100
221	MP1B	X	-3.783	-3.783	0	%100
222	MP1B	Z	6.553	6.553	0	%100
223	MP4B	X	-3.783	-3.783	0	%100
224	MP4B	Z	6.553	6.553	0	%100
225	MP2B	X	-3.783	-3.783	0	%100
226	MP2B	Z	6.553	6.553	0	%100
227	MP3B	X	-3.783	-3.783	0	%100
228	MP3B	Z	6.553	6.553	0	%100
229	M163	X	-1.069	-1.069	0	%100
230	M163	Z	1.852	1.852	0	%100
231	M164	X	-4.578	-4.578	0	%100
232	M164	Z	7.929	7.929	0	%100
233	M165	X	-1.222	-1.222	0	%100
234	M165	Z	2.117	2.117	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
1	M51	X	-1.983	-1.983	0	%100
2	M51	Z	1.145	1.145	0	%100
3	M54	X	-1.983	-1.983	0	%100
4	M54	Z	1.145	1.145	0	%100
5	M89B	X	-6.553	-6.553	0	%100
6	M89B	Z	3.783	3.783	0	%100
7	M90A	X	-1.896	-1.896	0	%100
8	M90A	Z	1.095	1.095	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
9	M89C	X	-6.553	-6.553	0	%100
10	M89C	Z	3.783	3.783	0	%100
11	M90C	X	-6.54	-6.54	0	%100
12	M90C	Z	3.776	3.776	0	%100
13	M87C	X	-.299	-.299	0	%100
14	M87C	Z	.173	.173	0	%100
15	M88C	X	-1.033	-1.033	0	%100
16	M88C	Z	.596	.596	0	%100
17	M89D	X	-1.896	-1.896	0	%100
18	M89D	Z	1.095	1.095	0	%100
19	M90B	X	-6.517	-6.517	0	%100
20	M90B	Z	3.762	3.762	0	%100
21	M91A	X	-6.517	-6.517	0	%100
22	M91A	Z	3.762	3.762	0	%100
23	M92A	X	-4.299	-4.299	0	%100
24	M92A	Z	2.482	2.482	0	%100
25	M86A	X	-6.517	-6.517	0	%100
26	M86A	Z	3.762	3.762	0	%100
27	M87D	X	-6.517	-6.517	0	%100
28	M87D	Z	3.762	3.762	0	%100
29	M87E	X	-3.299	-3.299	0	%100
30	M87E	Z	1.905	1.905	0	%100
31	M88D	X	-4.299	-4.299	0	%100
32	M88D	Z	2.482	2.482	0	%100
33	M89A	X	-6.517	-6.517	0	%100
34	M89A	Z	3.762	3.762	0	%100
35	M90	X	-6.517	-6.517	0	%100
36	M90	Z	3.762	3.762	0	%100
37	M91	X	-3.299	-3.299	0	%100
38	M91	Z	1.905	1.905	0	%100
39	M92	X	-4.299	-4.299	0	%100
40	M92	Z	2.482	2.482	0	%100
41	M82A	X	-.299	-.299	0	%100
42	M82A	Z	.173	.173	0	%100
43	M83A	X	-6.54	-6.54	0	%100
44	M83A	Z	3.776	3.776	0	%100
45	M84A	X	-1.033	-1.033	0	%100
46	M84A	Z	.596	.596	0	%100
47	M85A	X	-6.517	-6.517	0	%100
48	M85A	Z	3.762	3.762	0	%100
49	M86B	X	-6.517	-6.517	0	%100
50	M86B	Z	3.762	3.762	0	%100
51	M87F	X	-4.299	-4.299	0	%100
52	M87F	Z	2.482	2.482	0	%100
53	M88E	X	-6.517	-6.517	0	%100
54	M88E	Z	3.762	3.762	0	%100
55	M89E	X	-6.517	-6.517	0	%100
56	M89E	Z	3.762	3.762	0	%100
57	M90D	X	-4.299	-4.299	0	%100
58	M90D	Z	2.482	2.482	0	%100
59	M91B	X	-6.517	-6.517	0	%100
60	M91B	Z	3.762	3.762	0	%100
61	M92B	X	-6.517	-6.517	0	%100
62	M92B	Z	3.762	3.762	0	%100
63	M93	X	-4.299	-4.299	0	%100
64	M93	Z	2.482	2.482	0	%100
65	M94	X	-4.576	-4.576	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
66	M94	Z	2.642	2.642	0 %100
67	M95	X	-4.576	-4.576	0 %100
68	M95	Z	2.642	2.642	0 %100
69	M47	X	-7.932	-7.932	0 %100
70	M47	Z	4.58	4.58	0 %100
71	M48	X	-7.932	-7.932	0 %100
72	M48	Z	4.58	4.58	0 %100
73	M51A	X	-6.553	-6.553	0 %100
74	M51A	Z	3.783	3.783	0 %100
75	M52	X	-1.393	-1.393	0 %100
76	M52	Z	.804	.804	0 %100
77	M55	X	-6.553	-6.553	0 %100
78	M55	Z	3.783	3.783	0 %100
79	M56	X	-1.393	-1.393	0 %100
80	M56	Z	.804	.804	0 %100
81	M57	X	-.22	-.22	0 %100
82	M57	Z	.127	.127	0 %100
83	M58	X	-.22	-.22	0 0
84	M58	Z	.127	.127	0 0
85	M59	X	-1.393	-1.393	0 %100
86	M59	Z	.804	.804	0 %100
87	M60	X	-6.517	-6.517	0 %100
88	M60	Z	3.762	3.762	0 %100
89	M61	X	-6.517	-6.517	0 %100
90	M61	Z	3.762	3.762	0 %100
91	M62	X	-4.299	-4.299	0 %100
92	M62	Z	2.482	2.482	0 %100
93	M63	X	-6.517	-6.517	0 %100
94	M63	Z	3.762	3.762	0 %100
95	M64	X	-6.517	-6.517	0 %100
96	M64	Z	3.762	3.762	0 %100
97	M65	X	-3.161	-3.161	0 %100
98	M65	Z	1.825	1.825	0 %100
99	M66	X	-4.299	-4.299	0 %100
100	M66	Z	2.482	2.482	0 %100
101	M67	X	-6.517	-6.517	0 %100
102	M67	Z	3.762	3.762	0 %100
103	M68	X	-6.517	-6.517	0 %100
104	M68	Z	3.762	3.762	0 %100
105	M69	X	-3.161	-3.161	0 %100
106	M69	Z	1.825	1.825	0 %100
107	M70	X	-4.299	-4.299	0 %100
108	M70	Z	2.482	2.482	0 %100
109	M71	X	-.22	-.22	0 %100
110	M71	Z	.127	.127	0 %100
111	M72	X	-1.393	-1.393	0 %100
112	M72	Z	.804	.804	0 %100
113	M73	X	-.22	-.22	0 %100
114	M73	Z	.127	.127	0 %100
115	M74	X	-6.517	-6.517	0 %100
116	M74	Z	3.762	3.762	0 %100
117	M75	X	-6.517	-6.517	0 %100
118	M75	Z	3.762	3.762	0 %100
119	M76	X	-4.299	-4.299	0 %100
120	M76	Z	2.482	2.482	0 %100
121	M77	X	-6.517	-6.517	0 %100
122	M77	Z	3.762	3.762	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
123	M78	X	-6.517	-6.517	0 %100
124	M78	Z	3.762	3.762	0 %100
125	M79	X	-4.299	-4.299	0 %100
126	M79	Z	2.482	2.482	0 %100
127	M80	X	-6.517	-6.517	0 %100
128	M80	Z	3.762	3.762	0 %100
129	M81	X	-6.517	-6.517	0 %100
130	M81	Z	3.762	3.762	0 %100
131	M82	X	-4.299	-4.299	0 %100
132	M82	Z	2.482	2.482	0 %100
133	M83	X	-3.161	-3.161	0 %100
134	M83	Z	1.825	1.825	0 %100
135	M84	X	-3.161	-3.161	0 %100
136	M84	Z	1.825	1.825	0 %100
137	M93A	X	-1.983	-1.983	0 %100
138	M93A	Z	1.145	1.145	0 %100
139	M94A	X	-1.983	-1.983	0 %100
140	M94A	Z	1.145	1.145	0 %100
141	M97	X	-6.553	-6.553	0 %100
142	M97	Z	3.783	3.783	0 %100
143	M98	X	-6.54	-6.54	0 %100
144	M98	Z	3.776	3.776	0 %100
145	M101	X	-6.553	-6.553	0 %100
146	M101	Z	3.783	3.783	0 %100
147	M102	X	-1.896	-1.896	0 %100
148	M102	Z	1.095	1.095	0 %100
149	M103	X	-1.033	-1.033	0 0
150	M103	Z	.596	.596	0 0
151	M104	X	-.299	-.299	0 %100
152	M104	Z	.173	.173	0 %100
153	M105	X	-6.54	-6.54	0 %100
154	M105	Z	3.776	3.776	0 %100
155	M106	X	-6.517	-6.517	0 %100
156	M106	Z	3.762	3.762	0 %100
157	M107	X	-6.517	-6.517	0 %100
158	M107	Z	3.762	3.762	0 %100
159	M108	X	-4.299	-4.299	0 %100
160	M108	Z	2.482	2.482	0 %100
161	M109	X	-6.517	-6.517	0 %100
162	M109	Z	3.762	3.762	0 %100
163	M110	X	-6.517	-6.517	0 %100
164	M110	Z	3.762	3.762	0 %100
165	M111	X	-4.576	-4.576	0 %100
166	M111	Z	2.642	2.642	0 %100
167	M112	X	-4.299	-4.299	0 %100
168	M112	Z	2.482	2.482	0 %100
169	M113	X	-6.517	-6.517	0 %100
170	M113	Z	3.762	3.762	0 %100
171	M114	X	-6.517	-6.517	0 %100
172	M114	Z	3.762	3.762	0 %100
173	M115	X	-4.576	-4.576	0 %100
174	M115	Z	2.642	2.642	0 %100
175	M116	X	-4.299	-4.299	0 %100
176	M116	Z	2.482	2.482	0 %100
177	M117	X	-1.033	-1.033	0 %100
178	M117	Z	.596	.596	0 %100
179	M118	X	-1.896	-1.896	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M51	X	0	0	%100
2	M51	Z	0	0	%100
3	M54	X	0	0	%100
4	M54	Z	0	0	%100
5	M89B	X	-7.566	-7.566	%100
6	M89B	Z	0	0	%100
7	M90A	X	-5.958	-5.958	%100
8	M90A	Z	0	0	%100
9	M89C	X	-7.566	-7.566	%100
10	M89C	Z	0	0	%100
11	M90C	X	-5.958	-5.958	%100
12	M90C	Z	0	0	%100
13	M87C	X	-.941	-.941	%100
14	M87C	Z	0	0	%100
15	M88C	X	-.941	-.941	%100
16	M88C	Z	0	0	%100
17	M89D	X	-5.958	-5.958	%100
18	M89D	Z	0	0	%100
19	M90B	X	-9.557	-9.557	%100
20	M90B	Z	0	0	%100
21	M91A	X	-9.557	-9.557	%100
22	M91A	Z	0	0	%100
23	M92A	X	-4.964	-4.964	%100
24	M92A	Z	0	0	%100
25	M86A	X	-9.557	-9.557	%100
26	M86A	Z	0	0	%100
27	M87D	X	-9.557	-9.557	%100
28	M87D	Z	0	0	%100
29	M87E	X	-4.846	-4.846	%100
30	M87E	Z	0	0	%100
31	M88D	X	-4.964	-4.964	%100
32	M88D	Z	0	0	%100
33	M89A	X	-9.557	-9.557	%100
34	M89A	Z	0	0	%100
35	M90	X	-9.557	-9.557	%100
36	M90	Z	0	0	%100
37	M91	X	-4.846	-4.846	%100
38	M91	Z	0	0	%100
39	M92	X	-4.964	-4.964	%100
40	M92	Z	0	0	%100
41	M82A	X	-.941	-.941	%100
42	M82A	Z	0	0	%100
43	M83A	X	-5.958	-5.958	%100
44	M83A	Z	0	0	%100
45	M84A	X	-.941	-.941	%100
46	M84A	Z	0	0	%100
47	M85A	X	-9.557	-9.557	%100
48	M85A	Z	0	0	%100
49	M86B	X	-9.557	-9.557	%100
50	M86B	Z	0	0	%100
51	M87F	X	-4.964	-4.964	%100
52	M87F	Z	0	0	%100
53	M88E	X	-9.557	-9.557	%100
54	M88E	Z	0	0	%100
55	M89E	X	-9.557	-9.557	%100
56	M89E	Z	0	0	%100
57	M90D	X	-4.964	-4.964	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]	
58	M90D	Z	0	0	0	%100
59	M91B	X	-9.557	-9.557	0	%100
60	M91B	Z	0	0	0	%100
61	M92B	X	-9.557	-9.557	0	%100
62	M92B	Z	0	0	0	%100
63	M93	X	-4.964	-4.964	0	%100
64	M93	Z	0	0	0	%100
65	M94	X	-4.846	-4.846	0	%100
66	M94	Z	0	0	0	%100
67	M95	X	-4.846	-4.846	0	%100
68	M95	Z	0	0	0	%100
69	M47	X	-6.869	-6.869	0	%100
70	M47	Z	0	0	0	%100
71	M48	X	-6.869	-6.869	0	%100
72	M48	Z	0	0	0	%100
73	M51A	X	-7.566	-7.566	0	%100
74	M51A	Z	0	0	0	%100
75	M52	X	-.015	-.015	0	%100
76	M52	Z	0	0	0	%100
77	M55	X	-7.566	-7.566	0	%100
78	M55	Z	0	0	0	%100
79	M56	X	-5.376	-5.376	0	%100
80	M56	Z	0	0	0	%100
81	M57	X	-.002	-.002	0	%100
82	M57	Z	0	0	0	%100
83	M58	X	-.849	-.849	0	0
84	M58	Z	0	0	0	0
85	M59	X	-.015	-.015	0	%100
86	M59	Z	0	0	0	%100
87	M60	X	-9.557	-9.557	0	%100
88	M60	Z	0	0	0	%100
89	M61	X	-9.557	-9.557	0	%100
90	M61	Z	0	0	0	%100
91	M62	X	-4.964	-4.964	0	%100
92	M62	Z	0	0	0	%100
93	M63	X	-9.557	-9.557	0	%100
94	M63	Z	0	0	0	%100
95	M64	X	-9.557	-9.557	0	%100
96	M64	Z	0	0	0	%100
97	M65	X	-3.211	-3.211	0	%100
98	M65	Z	0	0	0	%100
99	M66	X	-4.964	-4.964	0	%100
100	M66	Z	0	0	0	%100
101	M67	X	-9.557	-9.557	0	%100
102	M67	Z	0	0	0	%100
103	M68	X	-9.557	-9.557	0	%100
104	M68	Z	0	0	0	%100
105	M69	X	-3.211	-3.211	0	%100
106	M69	Z	0	0	0	%100
107	M70	X	-4.964	-4.964	0	%100
108	M70	Z	0	0	0	%100
109	M71	X	-.002	-.002	0	%100
110	M71	Z	0	0	0	%100
111	M72	X	-5.376	-5.376	0	%100
112	M72	Z	0	0	0	%100
113	M73	X	-.849	-.849	0	%100
114	M73	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
115	M74	X	-9.557	-9.557	0 %100
116	M74	Z	0	0	0 %100
117	M75	X	-9.557	-9.557	0 %100
118	M75	Z	0	0	0 %100
119	M76	X	-4.964	-4.964	0 %100
120	M76	Z	0	0	0 %100
121	M77	X	-9.557	-9.557	0 %100
122	M77	Z	0	0	0 %100
123	M78	X	-9.557	-9.557	0 %100
124	M78	Z	0	0	0 %100
125	M79	X	-4.964	-4.964	0 %100
126	M79	Z	0	0	0 %100
127	M80	X	-9.557	-9.557	0 %100
128	M80	Z	0	0	0 %100
129	M81	X	-9.557	-9.557	0 %100
130	M81	Z	0	0	0 %100
131	M82	X	-4.964	-4.964	0 %100
132	M82	Z	0	0	0 %100
133	M83	X	-4.686	-4.686	0 %100
134	M83	Z	0	0	0 %100
135	M84	X	-4.686	-4.686	0 %100
136	M84	Z	0	0	0 %100
137	M93A	X	-6.869	-6.869	0 %100
138	M93A	Z	0	0	0 %100
139	M94A	X	-6.869	-6.869	0 %100
140	M94A	Z	0	0	0 %100
141	M97	X	-7.566	-7.566	0 %100
142	M97	Z	0	0	0 %100
143	M98	X	-5.376	-5.376	0 %100
144	M98	Z	0	0	0 %100
145	M101	X	-7.566	-7.566	0 %100
146	M101	Z	0	0	0 %100
147	M102	X	-.015	-.015	0 %100
148	M102	Z	0	0	0 %100
149	M103	X	-.849	-.849	0 0
150	M103	Z	0	0	0 0
151	M104	X	-.002	-.002	0 %100
152	M104	Z	0	0	0 %100
153	M105	X	-5.376	-5.376	0 %100
154	M105	Z	0	0	0 %100
155	M106	X	-9.557	-9.557	0 %100
156	M106	Z	0	0	0 %100
157	M107	X	-9.557	-9.557	0 %100
158	M107	Z	0	0	0 %100
159	M108	X	-4.964	-4.964	0 %100
160	M108	Z	0	0	0 %100
161	M109	X	-9.557	-9.557	0 %100
162	M109	Z	0	0	0 %100
163	M110	X	-9.557	-9.557	0 %100
164	M110	Z	0	0	0 %100
165	M111	X	-4.686	-4.686	0 %100
166	M111	Z	0	0	0 %100
167	M112	X	-4.964	-4.964	0 %100
168	M112	Z	0	0	0 %100
169	M113	X	-9.557	-9.557	0 %100
170	M113	Z	0	0	0 %100
171	M114	X	-9.557	-9.557	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
172	M114	Z	0	0	0	%100
173	M115	X	-4.686	-4.686	0	%100
174	M115	Z	0	0	0	%100
175	M116	X	-4.964	-4.964	0	%100
176	M116	Z	0	0	0	%100
177	M117	X	-.849	-.849	0	%100
178	M117	Z	0	0	0	%100
179	M118	X	-.015	-.015	0	%100
180	M118	Z	0	0	0	%100
181	M119	X	-.002	-.002	0	%100
182	M119	Z	0	0	0	%100
183	M120	X	-9.557	-9.557	0	%100
184	M120	Z	0	0	0	%100
185	M121	X	-9.557	-9.557	0	%100
186	M121	Z	0	0	0	%100
187	M122	X	-4.964	-4.964	0	%100
188	M122	Z	0	0	0	%100
189	M123	X	-9.557	-9.557	0	%100
190	M123	Z	0	0	0	%100
191	M124	X	-9.557	-9.557	0	%100
192	M124	Z	0	0	0	%100
193	M125	X	-4.964	-4.964	0	%100
194	M125	Z	0	0	0	%100
195	M126	X	-9.557	-9.557	0	%100
196	M126	Z	0	0	0	%100
197	M127	X	-9.557	-9.557	0	%100
198	M127	Z	0	0	0	%100
199	M128	X	-4.964	-4.964	0	%100
200	M128	Z	0	0	0	%100
201	M129	X	-3.211	-3.211	0	%100
202	M129	Z	0	0	0	%100
203	M130	X	-3.211	-3.211	0	%100
204	M130	Z	0	0	0	%100
205	MP1A	X	-7.566	-7.566	0	%100
206	MP1A	Z	0	0	0	%100
207	MP4A	X	-7.566	-7.566	0	%100
208	MP4A	Z	0	0	0	%100
209	MP2A	X	-7.566	-7.566	0	%100
210	MP2A	Z	0	0	0	%100
211	MP3A	X	-7.566	-7.566	0	%100
212	MP3A	Z	0	0	0	%100
213	MP1C	X	-7.566	-7.566	0	%100
214	MP1C	Z	0	0	0	%100
215	MP4C	X	-7.566	-7.566	0	%100
216	MP4C	Z	0	0	0	%100
217	MP2C	X	-7.566	-7.566	0	%100
218	MP2C	Z	0	0	0	%100
219	MP3C	X	-7.566	-7.566	0	%100
220	MP3C	Z	0	0	0	%100
221	MP1B	X	-7.566	-7.566	0	%100
222	MP1B	Z	0	0	0	%100
223	MP4B	X	-7.566	-7.566	0	%100
224	MP4B	Z	0	0	0	%100
225	MP2B	X	-7.566	-7.566	0	%100
226	MP2B	Z	0	0	0	%100
227	MP3B	X	-7.566	-7.566	0	%100
228	MP3B	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
229	M163	X	-2.444	-2.444	0	%100
230	M163	Z	0	0	0	%100
231	M164	X	-2.139	-2.139	0	%100
232	M164	Z	0	0	0	%100
233	M165	X	-9.156	-9.156	0	%100
234	M165	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M51	X	-1.983	-1.983	0	%100
2	M51	Z	-1.145	-1.145	0	%100
3	M54	X	-1.983	-1.983	0	%100
4	M54	Z	-1.145	-1.145	0	%100
5	M89B	X	-6.553	-6.553	0	%100
6	M89B	Z	-3.783	-3.783	0	%100
7	M90A	X	-6.54	-6.54	0	%100
8	M90A	Z	-3.776	-3.776	0	%100
9	M89C	X	-6.553	-6.553	0	%100
10	M89C	Z	-3.783	-3.783	0	%100
11	M90C	X	-1.896	-1.896	0	%100
12	M90C	Z	-1.095	-1.095	0	%100
13	M87C	X	-1.033	-1.033	0	%100
14	M87C	Z	-.596	-.596	0	%100
15	M88C	X	-.299	-.299	0	%100
16	M88C	Z	-.173	-.173	0	%100
17	M89D	X	-6.54	-6.54	0	%100
18	M89D	Z	-3.776	-3.776	0	%100
19	M90B	X	-6.517	-6.517	0	%100
20	M90B	Z	-3.762	-3.762	0	%100
21	M91A	X	-6.517	-6.517	0	%100
22	M91A	Z	-3.762	-3.762	0	%100
23	M92A	X	-4.299	-4.299	0	%100
24	M92A	Z	-2.482	-2.482	0	%100
25	M86A	X	-6.517	-6.517	0	%100
26	M86A	Z	-3.762	-3.762	0	%100
27	M87D	X	-6.517	-6.517	0	%100
28	M87D	Z	-3.762	-3.762	0	%100
29	M87E	X	-4.576	-4.576	0	%100
30	M87E	Z	-2.642	-2.642	0	%100
31	M88D	X	-4.299	-4.299	0	%100
32	M88D	Z	-2.482	-2.482	0	%100
33	M89A	X	-6.517	-6.517	0	%100
34	M89A	Z	-3.762	-3.762	0	%100
35	M90	X	-6.517	-6.517	0	%100
36	M90	Z	-3.762	-3.762	0	%100
37	M91	X	-4.576	-4.576	0	%100
38	M91	Z	-2.642	-2.642	0	%100
39	M92	X	-4.299	-4.299	0	%100
40	M92	Z	-2.482	-2.482	0	%100
41	M82A	X	-1.033	-1.033	0	%100
42	M82A	Z	-.596	-.596	0	%100
43	M83A	X	-1.896	-1.896	0	%100
44	M83A	Z	-1.095	-1.095	0	%100
45	M84A	X	-.299	-.299	0	%100
46	M84A	Z	-.173	-.173	0	%100
47	M85A	X	-6.517	-6.517	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in,%]	End Location[in,%]
48	M85A	Z	-3.762	-3.762	0 %100
49	M86B	X	-6.517	-6.517	0 %100
50	M86B	Z	-3.762	-3.762	0 %100
51	M87F	X	-4.299	-4.299	0 %100
52	M87F	Z	-2.482	-2.482	0 %100
53	M88E	X	-6.517	-6.517	0 %100
54	M88E	Z	-3.762	-3.762	0 %100
55	M89E	X	-6.517	-6.517	0 %100
56	M89E	Z	-3.762	-3.762	0 %100
57	M90D	X	-4.299	-4.299	0 %100
58	M90D	Z	-2.482	-2.482	0 %100
59	M91B	X	-6.517	-6.517	0 %100
60	M91B	Z	-3.762	-3.762	0 %100
61	M92B	X	-6.517	-6.517	0 %100
62	M92B	Z	-3.762	-3.762	0 %100
63	M93	X	-4.299	-4.299	0 %100
64	M93	Z	-2.482	-2.482	0 %100
65	M94	X	-3.299	-3.299	0 %100
66	M94	Z	-1.905	-1.905	0 %100
67	M95	X	-3.299	-3.299	0 %100
68	M95	Z	-1.905	-1.905	0 %100
69	M47	X	-1.983	-1.983	0 %100
70	M47	Z	-1.145	-1.145	0 %100
71	M48	X	-1.983	-1.983	0 %100
72	M48	Z	-1.145	-1.145	0 %100
73	M51A	X	-6.553	-6.553	0 %100
74	M51A	Z	-3.783	-3.783	0 %100
75	M52	X	-1.896	-1.896	0 %100
76	M52	Z	-1.095	-1.095	0 %100
77	M55	X	-6.553	-6.553	0 %100
78	M55	Z	-3.783	-3.783	0 %100
79	M56	X	-6.54	-6.54	0 %100
80	M56	Z	-3.776	-3.776	0 %100
81	M57	X	-.299	-.299	0 %100
82	M57	Z	-.173	-.173	0 %100
83	M58	X	-1.033	-1.033	0 0
84	M58	Z	-.596	-.596	0 0
85	M59	X	-1.896	-1.896	0 %100
86	M59	Z	-1.095	-1.095	0 %100
87	M60	X	-6.517	-6.517	0 %100
88	M60	Z	-3.762	-3.762	0 %100
89	M61	X	-6.517	-6.517	0 %100
90	M61	Z	-3.762	-3.762	0 %100
91	M62	X	-4.299	-4.299	0 %100
92	M62	Z	-2.482	-2.482	0 %100
93	M63	X	-6.517	-6.517	0 %100
94	M63	Z	-3.762	-3.762	0 %100
95	M64	X	-6.517	-6.517	0 %100
96	M64	Z	-3.762	-3.762	0 %100
97	M65	X	-3.299	-3.299	0 %100
98	M65	Z	-1.905	-1.905	0 %100
99	M66	X	-4.299	-4.299	0 %100
100	M66	Z	-2.482	-2.482	0 %100
101	M67	X	-6.517	-6.517	0 %100
102	M67	Z	-3.762	-3.762	0 %100
103	M68	X	-6.517	-6.517	0 %100
104	M68	Z	-3.762	-3.762	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
105	M69	X	-3.299	-3.299	0 %100
106	M69	Z	-1.905	-1.905	0 %100
107	M70	X	-4.299	-4.299	0 %100
108	M70	Z	-2.482	-2.482	0 %100
109	M71	X	-.299	-.299	0 %100
110	M71	Z	-.173	-.173	0 %100
111	M72	X	-6.54	-6.54	0 %100
112	M72	Z	-3.776	-3.776	0 %100
113	M73	X	-1.033	-1.033	0 %100
114	M73	Z	-.596	-.596	0 %100
115	M74	X	-6.517	-6.517	0 %100
116	M74	Z	-3.762	-3.762	0 %100
117	M75	X	-6.517	-6.517	0 %100
118	M75	Z	-3.762	-3.762	0 %100
119	M76	X	-4.299	-4.299	0 %100
120	M76	Z	-2.482	-2.482	0 %100
121	M77	X	-6.517	-6.517	0 %100
122	M77	Z	-3.762	-3.762	0 %100
123	M78	X	-6.517	-6.517	0 %100
124	M78	Z	-3.762	-3.762	0 %100
125	M79	X	-4.299	-4.299	0 %100
126	M79	Z	-2.482	-2.482	0 %100
127	M80	X	-6.517	-6.517	0 %100
128	M80	Z	-3.762	-3.762	0 %100
129	M81	X	-6.517	-6.517	0 %100
130	M81	Z	-3.762	-3.762	0 %100
131	M82	X	-4.299	-4.299	0 %100
132	M82	Z	-2.482	-2.482	0 %100
133	M83	X	-4.576	-4.576	0 %100
134	M83	Z	-2.642	-2.642	0 %100
135	M84	X	-4.576	-4.576	0 %100
136	M84	Z	-2.642	-2.642	0 %100
137	M93A	X	-7.932	-7.932	0 %100
138	M93A	Z	-4.58	-4.58	0 %100
139	M94A	X	-7.932	-7.932	0 %100
140	M94A	Z	-4.58	-4.58	0 %100
141	M97	X	-6.553	-6.553	0 %100
142	M97	Z	-3.783	-3.783	0 %100
143	M98	X	-1.393	-1.393	0 %100
144	M98	Z	-.804	-.804	0 %100
145	M101	X	-6.553	-6.553	0 %100
146	M101	Z	-3.783	-3.783	0 %100
147	M102	X	-1.393	-1.393	0 %100
148	M102	Z	-.804	-.804	0 %100
149	M103	X	-.22	-.22	0 0
150	M103	Z	-.127	-.127	0 0
151	M104	X	-.22	-.22	0 %100
152	M104	Z	-.127	-.127	0 %100
153	M105	X	-1.393	-1.393	0 %100
154	M105	Z	-.804	-.804	0 %100
155	M106	X	-6.517	-6.517	0 %100
156	M106	Z	-3.762	-3.762	0 %100
157	M107	X	-6.517	-6.517	0 %100
158	M107	Z	-3.762	-3.762	0 %100
159	M108	X	-4.299	-4.299	0 %100
160	M108	Z	-2.482	-2.482	0 %100
161	M109	X	-6.517	-6.517	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
162	M109	Z	-3.762	-3.762	0 %100
163	M110	X	-6.517	-6.517	0 %100
164	M110	Z	-3.762	-3.762	0 %100
165	M111	X	-3.161	-3.161	0 %100
166	M111	Z	-1.825	-1.825	0 %100
167	M112	X	-4.299	-4.299	0 %100
168	M112	Z	-2.482	-2.482	0 %100
169	M113	X	-6.517	-6.517	0 %100
170	M113	Z	-3.762	-3.762	0 %100
171	M114	X	-6.517	-6.517	0 %100
172	M114	Z	-3.762	-3.762	0 %100
173	M115	X	-3.161	-3.161	0 %100
174	M115	Z	-1.825	-1.825	0 %100
175	M116	X	-4.299	-4.299	0 %100
176	M116	Z	-2.482	-2.482	0 %100
177	M117	X	-.22	-.22	0 %100
178	M117	Z	-.127	-.127	0 %100
179	M118	X	-1.393	-1.393	0 %100
180	M118	Z	-.804	-.804	0 %100
181	M119	X	-.22	-.22	0 %100
182	M119	Z	-.127	-.127	0 %100
183	M120	X	-6.517	-6.517	0 %100
184	M120	Z	-3.762	-3.762	0 %100
185	M121	X	-6.517	-6.517	0 %100
186	M121	Z	-3.762	-3.762	0 %100
187	M122	X	-4.299	-4.299	0 %100
188	M122	Z	-2.482	-2.482	0 %100
189	M123	X	-6.517	-6.517	0 %100
190	M123	Z	-3.762	-3.762	0 %100
191	M124	X	-6.517	-6.517	0 %100
192	M124	Z	-3.762	-3.762	0 %100
193	M125	X	-4.299	-4.299	0 %100
194	M125	Z	-2.482	-2.482	0 %100
195	M126	X	-6.517	-6.517	0 %100
196	M126	Z	-3.762	-3.762	0 %100
197	M127	X	-6.517	-6.517	0 %100
198	M127	Z	-3.762	-3.762	0 %100
199	M128	X	-4.299	-4.299	0 %100
200	M128	Z	-2.482	-2.482	0 %100
201	M129	X	-3.161	-3.161	0 %100
202	M129	Z	-1.825	-1.825	0 %100
203	M130	X	-3.161	-3.161	0 %100
204	M130	Z	-1.825	-1.825	0 %100
205	MP1A	X	-6.553	-6.553	0 %100
206	MP1A	Z	-3.783	-3.783	0 %100
207	MP4A	X	-6.553	-6.553	0 %100
208	MP4A	Z	-3.783	-3.783	0 %100
209	MP2A	X	-6.553	-6.553	0 %100
210	MP2A	Z	-3.783	-3.783	0 %100
211	MP3A	X	-6.553	-6.553	0 %100
212	MP3A	Z	-3.783	-3.783	0 %100
213	MP1C	X	-6.553	-6.553	0 %100
214	MP1C	Z	-3.783	-3.783	0 %100
215	MP4C	X	-6.553	-6.553	0 %100
216	MP4C	Z	-3.783	-3.783	0 %100
217	MP2C	X	-6.553	-6.553	0 %100
218	MP2C	Z	-3.783	-3.783	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
219	MP3C	X	-6.553	-6.553	0	%100
220	MP3C	Z	-3.783	-3.783	0	%100
221	MP1B	X	-6.553	-6.553	0	%100
222	MP1B	Z	-3.783	-3.783	0	%100
223	MP4B	X	-6.553	-6.553	0	%100
224	MP4B	Z	-3.783	-3.783	0	%100
225	MP2B	X	-6.553	-6.553	0	%100
226	MP2B	Z	-3.783	-3.783	0	%100
227	MP3B	X	-6.553	-6.553	0	%100
228	MP3B	Z	-3.783	-3.783	0	%100
229	M163	X	-6.08	-6.08	0	%100
230	M163	Z	-3.51	-3.51	0	%100
231	M164	X	-.003	-.003	0	%100
232	M164	Z	-.002	-.002	0	%100
233	M165	X	-5.815	-5.815	0	%100
234	M165	Z	-3.357	-3.357	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M51	X	-3.435	-3.435	0	%100
2	M51	Z	-5.949	-5.949	0	%100
3	M54	X	-3.435	-3.435	0	%100
4	M54	Z	-5.949	-5.949	0	%100
5	M89B	X	-3.783	-3.783	0	%100
6	M89B	Z	-6.553	-6.553	0	%100
7	M90A	X	-2.688	-2.688	0	%100
8	M90A	Z	-4.656	-4.656	0	%100
9	M89C	X	-3.783	-3.783	0	%100
10	M89C	Z	-6.553	-6.553	0	%100
11	M90C	X	-.007	-.007	0	%100
12	M90C	Z	-.013	-.013	0	%100
13	M87C	X	-.424	-.424	0	%100
14	M87C	Z	-.735	-.735	0	%100
15	M88C	X	-.001	-.001	0	%100
16	M88C	Z	-.002	-.002	0	%100
17	M89D	X	-2.688	-2.688	0	%100
18	M89D	Z	-4.656	-4.656	0	%100
19	M90B	X	-1.73	-1.73	0	%100
20	M90B	Z	-2.996	-2.996	0	%100
21	M91A	X	-1.73	-1.73	0	%100
22	M91A	Z	-2.996	-2.996	0	%100
23	M92A	X	-2.482	-2.482	0	%100
24	M92A	Z	-4.299	-4.299	0	%100
25	M86A	X	-1.73	-1.73	0	%100
26	M86A	Z	-2.996	-2.996	0	%100
27	M87D	X	-1.73	-1.73	0	%100
28	M87D	Z	-2.996	-2.996	0	%100
29	M87E	X	-2.343	-2.343	0	%100
30	M87E	Z	-4.058	-4.058	0	%100
31	M88D	X	-2.482	-2.482	0	%100
32	M88D	Z	-4.299	-4.299	0	%100
33	M89A	X	-1.73	-1.73	0	%100
34	M89A	Z	-2.996	-2.996	0	%100
35	M90	X	-1.73	-1.73	0	%100
36	M90	Z	-2.996	-2.996	0	%100
37	M91	X	-2.343	-2.343	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
38	M91	Z	-4.058	-4.058	0 %100
39	M92	X	-2.482	-2.482	0 %100
40	M92	Z	-4.299	-4.299	0 %100
41	M82A	X	-.424	-.424	0 %100
42	M82A	Z	-.735	-.735	0 %100
43	M83A	X	-.007	-.007	0 %100
44	M83A	Z	-.013	-.013	0 %100
45	M84A	X	-.001	-.001	0 %100
46	M84A	Z	-.002	-.002	0 %100
47	M85A	X	-1.73	-1.73	0 %100
48	M85A	Z	-2.996	-2.996	0 %100
49	M86B	X	-1.73	-1.73	0 %100
50	M86B	Z	-2.996	-2.996	0 %100
51	M87F	X	-2.482	-2.482	0 %100
52	M87F	Z	-4.299	-4.299	0 %100
53	M88E	X	-1.73	-1.73	0 %100
54	M88E	Z	-2.996	-2.996	0 %100
55	M89E	X	-1.73	-1.73	0 %100
56	M89E	Z	-2.996	-2.996	0 %100
57	M90D	X	-2.482	-2.482	0 %100
58	M90D	Z	-4.299	-4.299	0 %100
59	M91B	X	-1.73	-1.73	0 %100
60	M91B	Z	-2.996	-2.996	0 %100
61	M92B	X	-1.73	-1.73	0 %100
62	M92B	Z	-2.996	-2.996	0 %100
63	M93	X	-2.482	-2.482	0 %100
64	M93	Z	-4.299	-4.299	0 %100
65	M94	X	-1.606	-1.606	0 %100
66	M94	Z	-2.781	-2.781	0 %100
67	M95	X	-1.606	-1.606	0 %100
68	M95	Z	-2.781	-2.781	0 %100
69	M47	X	0	0	0 %100
70	M47	Z	0	0	0 %100
71	M48	X	0	0	0 %100
72	M48	Z	0	0	0 %100
73	M51A	X	-3.783	-3.783	0 %100
74	M51A	Z	-6.553	-6.553	0 %100
75	M52	X	-2.979	-2.979	0 %100
76	M52	Z	-5.16	-5.16	0 %100
77	M55	X	-3.783	-3.783	0 %100
78	M55	Z	-6.553	-6.553	0 %100
79	M56	X	-2.979	-2.979	0 %100
80	M56	Z	-5.16	-5.16	0 %100
81	M57	X	-.47	-.47	0 %100
82	M57	Z	-.815	-.815	0 %100
83	M58	X	-.47	-.47	0 0
84	M58	Z	-.815	-.815	0 0
85	M59	X	-2.979	-2.979	0 %100
86	M59	Z	-5.16	-5.16	0 %100
87	M60	X	-1.73	-1.73	0 %100
88	M60	Z	-2.996	-2.996	0 %100
89	M61	X	-1.73	-1.73	0 %100
90	M61	Z	-2.996	-2.996	0 %100
91	M62	X	-2.482	-2.482	0 %100
92	M62	Z	-4.299	-4.299	0 %100
93	M63	X	-1.73	-1.73	0 %100
94	M63	Z	-2.996	-2.996	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
95	M64	X	-1.73	-1.73	0 %100
96	M64	Z	-2.996	-2.996	0 %100
97	M65	X	-2.423	-2.423	0 %100
98	M65	Z	-4.197	-4.197	0 %100
99	M66	X	-2.482	-2.482	0 %100
100	M66	Z	-4.299	-4.299	0 %100
101	M67	X	-1.73	-1.73	0 %100
102	M67	Z	-2.996	-2.996	0 %100
103	M68	X	-1.73	-1.73	0 %100
104	M68	Z	-2.996	-2.996	0 %100
105	M69	X	-2.423	-2.423	0 %100
106	M69	Z	-4.197	-4.197	0 %100
107	M70	X	-2.482	-2.482	0 %100
108	M70	Z	-4.299	-4.299	0 %100
109	M71	X	-.47	-.47	0 %100
110	M71	Z	-.815	-.815	0 %100
111	M72	X	-2.979	-2.979	0 %100
112	M72	Z	-5.16	-5.16	0 %100
113	M73	X	-.47	-.47	0 %100
114	M73	Z	-.815	-.815	0 %100
115	M74	X	-1.73	-1.73	0 %100
116	M74	Z	-2.996	-2.996	0 %100
117	M75	X	-1.73	-1.73	0 %100
118	M75	Z	-2.996	-2.996	0 %100
119	M76	X	-2.482	-2.482	0 %100
120	M76	Z	-4.299	-4.299	0 %100
121	M77	X	-1.73	-1.73	0 %100
122	M77	Z	-2.996	-2.996	0 %100
123	M78	X	-1.73	-1.73	0 %100
124	M78	Z	-2.996	-2.996	0 %100
125	M79	X	-2.482	-2.482	0 %100
126	M79	Z	-4.299	-4.299	0 %100
127	M80	X	-1.73	-1.73	0 %100
128	M80	Z	-2.996	-2.996	0 %100
129	M81	X	-1.73	-1.73	0 %100
130	M81	Z	-2.996	-2.996	0 %100
131	M82	X	-2.482	-2.482	0 %100
132	M82	Z	-4.299	-4.299	0 %100
133	M83	X	-2.423	-2.423	0 %100
134	M83	Z	-4.197	-4.197	0 %100
135	M84	X	-2.423	-2.423	0 %100
136	M84	Z	-4.197	-4.197	0 %100
137	M93A	X	-3.435	-3.435	0 %100
138	M93A	Z	-5.949	-5.949	0 %100
139	M94A	X	-3.435	-3.435	0 %100
140	M94A	Z	-5.949	-5.949	0 %100
141	M97	X	-3.783	-3.783	0 %100
142	M97	Z	-6.553	-6.553	0 %100
143	M98	X	-.007	-.007	0 %100
144	M98	Z	-.013	-.013	0 %100
145	M101	X	-3.783	-3.783	0 %100
146	M101	Z	-6.553	-6.553	0 %100
147	M102	X	-2.688	-2.688	0 %100
148	M102	Z	-4.656	-4.656	0 %100
149	M103	X	-.001	-.001	0
150	M103	Z	-.002	-.002	0
151	M104	X	-.424	-.424	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
152	M104	Z	-7.35	-7.35	0 %100
153	M105	X	-0.07	-0.07	0 %100
154	M105	Z	-0.13	-0.13	0 %100
155	M106	X	-1.73	-1.73	0 %100
156	M106	Z	-2.996	-2.996	0 %100
157	M107	X	-1.73	-1.73	0 %100
158	M107	Z	-2.996	-2.996	0 %100
159	M108	X	-2.482	-2.482	0 %100
160	M108	Z	-4.299	-4.299	0 %100
161	M109	X	-1.73	-1.73	0 %100
162	M109	Z	-2.996	-2.996	0 %100
163	M110	X	-1.73	-1.73	0 %100
164	M110	Z	-2.996	-2.996	0 %100
165	M111	X	-1.606	-1.606	0 %100
166	M111	Z	-2.781	-2.781	0 %100
167	M112	X	-2.482	-2.482	0 %100
168	M112	Z	-4.299	-4.299	0 %100
169	M113	X	-1.73	-1.73	0 %100
170	M113	Z	-2.996	-2.996	0 %100
171	M114	X	-1.73	-1.73	0 %100
172	M114	Z	-2.996	-2.996	0 %100
173	M115	X	-1.606	-1.606	0 %100
174	M115	Z	-2.781	-2.781	0 %100
175	M116	X	-2.482	-2.482	0 %100
176	M116	Z	-4.299	-4.299	0 %100
177	M117	X	-0.01	-0.01	0 %100
178	M117	Z	-0.02	-0.02	0 %100
179	M118	X	-2.688	-2.688	0 %100
180	M118	Z	-4.656	-4.656	0 %100
181	M119	X	-0.424	-0.424	0 %100
182	M119	Z	-0.735	-0.735	0 %100
183	M120	X	-1.73	-1.73	0 %100
184	M120	Z	-2.996	-2.996	0 %100
185	M121	X	-1.73	-1.73	0 %100
186	M121	Z	-2.996	-2.996	0 %100
187	M122	X	-2.482	-2.482	0 %100
188	M122	Z	-4.299	-4.299	0 %100
189	M123	X	-1.73	-1.73	0 %100
190	M123	Z	-2.996	-2.996	0 %100
191	M124	X	-1.73	-1.73	0 %100
192	M124	Z	-2.996	-2.996	0 %100
193	M125	X	-2.482	-2.482	0 %100
194	M125	Z	-4.299	-4.299	0 %100
195	M126	X	-1.73	-1.73	0 %100
196	M126	Z	-2.996	-2.996	0 %100
197	M127	X	-1.73	-1.73	0 %100
198	M127	Z	-2.996	-2.996	0 %100
199	M128	X	-2.482	-2.482	0 %100
200	M128	Z	-4.299	-4.299	0 %100
201	M129	X	-2.343	-2.343	0 %100
202	M129	Z	-4.058	-4.058	0 %100
203	M130	X	-2.343	-2.343	0 %100
204	M130	Z	-4.058	-4.058	0 %100
205	MP1A	X	-3.783	-3.783	0 %100
206	MP1A	Z	-6.553	-6.553	0 %100
207	MP4A	X	-3.783	-3.783	0 %100
208	MP4A	Z	-6.553	-6.553	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
209	MP2A	X	-3.783	-3.783	0	%100
210	MP2A	Z	-6.553	-6.553	0	%100
211	MP3A	X	-3.783	-3.783	0	%100
212	MP3A	Z	-6.553	-6.553	0	%100
213	MP1C	X	-3.783	-3.783	0	%100
214	MP1C	Z	-6.553	-6.553	0	%100
215	MP4C	X	-3.783	-3.783	0	%100
216	MP4C	Z	-6.553	-6.553	0	%100
217	MP2C	X	-3.783	-3.783	0	%100
218	MP2C	Z	-6.553	-6.553	0	%100
219	MP3C	X	-3.783	-3.783	0	%100
220	MP3C	Z	-6.553	-6.553	0	%100
221	MP1B	X	-3.783	-3.783	0	%100
222	MP1B	Z	-6.553	-6.553	0	%100
223	MP4B	X	-3.783	-3.783	0	%100
224	MP4B	Z	-6.553	-6.553	0	%100
225	MP2B	X	-3.783	-3.783	0	%100
226	MP2B	Z	-6.553	-6.553	0	%100
227	MP3B	X	-3.783	-3.783	0	%100
228	MP3B	Z	-6.553	-6.553	0	%100
229	M163	X	-4.578	-4.578	0	%100
230	M163	Z	-7.929	-7.929	0	%100
231	M164	X	-1.222	-1.222	0	%100
232	M164	Z	-2.117	-2.117	0	%100
233	M165	X	-1.069	-1.069	0	%100
234	M165	Z	-1.852	-1.852	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
1	M51	X	0	0	0	%100
2	M51	Z	-3.623	-3.623	0	%100
3	M54	X	0	0	0	%100
4	M54	Z	-3.623	-3.623	0	%100
5	M89B	X	0	0	0	%100
6	M89B	Z	-3.057	-3.057	0	%100
7	M90A	X	0	0	0	%100
8	M90A	Z	-.681	-.681	0	%100
9	M89C	X	0	0	0	%100
10	M89C	Z	-3.057	-3.057	0	%100
11	M90C	X	0	0	0	%100
12	M90C	Z	-.681	-.681	0	%100
13	M87C	X	0	0	0	%100
14	M87C	Z	-.291	-.291	0	%100
15	M88C	X	0	0	0	%100
16	M88C	Z	-.291	-.291	0	%100
17	M89D	X	0	0	0	%100
18	M89D	Z	-.681	-.681	0	%100
19	M90B	X	0	0	0	%100
20	M90B	Z	-1.41	-1.41	0	%100
21	M91A	X	0	0	0	%100
22	M91A	Z	-1.41	-1.41	0	%100
23	M92A	X	0	0	0	%100
24	M92A	Z	-2.335	-2.335	0	%100
25	M86A	X	0	0	0	%100
26	M86A	Z	-1.41	-1.41	0	%100
27	M87D	X	0	0	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
28	M87D	Z	-1.41	-1.41	0 %100
29	M87E	X	0	0	0 %100
30	M87E	Z	-1.726	-1.726	0 %100
31	M88D	X	0	0	0 %100
32	M88D	Z	-2.335	-2.335	0 %100
33	M89A	X	0	0	0 %100
34	M89A	Z	-1.41	-1.41	0 %100
35	M90	X	0	0	0 %100
36	M90	Z	-1.41	-1.41	0 %100
37	M91	X	0	0	0 %100
38	M91	Z	-1.726	-1.726	0 %100
39	M92	X	0	0	0 %100
40	M92	Z	-2.335	-2.335	0 %100
41	M82A	X	0	0	0 %100
42	M82A	Z	-.291	-.291	0 %100
43	M83A	X	0	0	0 %100
44	M83A	Z	-.681	-.681	0 %100
45	M84A	X	0	0	0 %100
46	M84A	Z	-.291	-.291	0 %100
47	M85A	X	0	0	0 %100
48	M85A	Z	-1.41	-1.41	0 %100
49	M86B	X	0	0	0 %100
50	M86B	Z	-1.41	-1.41	0 %100
51	M87F	X	0	0	0 %100
52	M87F	Z	-2.335	-2.335	0 %100
53	M88E	X	0	0	0 %100
54	M88E	Z	-1.41	-1.41	0 %100
55	M89E	X	0	0	0 %100
56	M89E	Z	-1.41	-1.41	0 %100
57	M90D	X	0	0	0 %100
58	M90D	Z	-2.335	-2.335	0 %100
59	M91B	X	0	0	0 %100
60	M91B	Z	-1.41	-1.41	0 %100
61	M92B	X	0	0	0 %100
62	M92B	Z	-1.41	-1.41	0 %100
63	M93	X	0	0	0 %100
64	M93	Z	-2.335	-2.335	0 %100
65	M94	X	0	0	0 %100
66	M94	Z	-1.726	-1.726	0 %100
67	M95	X	0	0	0 %100
68	M95	Z	-1.726	-1.726	0 %100
69	M47	X	0	0	0 %100
70	M47	Z	-.906	-.906	0 %100
71	M48	X	0	0	0 %100
72	M48	Z	-.906	-.906	0 %100
73	M51A	X	0	0	0 %100
74	M51A	Z	-3.057	-3.057	0 %100
75	M52	X	0	0	0 %100
76	M52	Z	-3.199	-3.199	0 %100
77	M55	X	0	0	0 %100
78	M55	Z	-3.057	-3.057	0 %100
79	M56	X	0	0	0 %100
80	M56	Z	-.928	-.928	0 %100
81	M57	X	0	0	0 %100
82	M57	Z	-1.366	-1.366	0 %100
83	M58	X	0	0	0
84	M58	Z	-.396	-.396	0



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
85	M59	X	0	0	0	%100
86	M59	Z	-3.199	-3.199	0	%100
87	M60	X	0	0	0	%100
88	M60	Z	-1.41	-1.41	0	%100
89	M61	X	0	0	0	%100
90	M61	Z	-1.41	-1.41	0	%100
91	M62	X	0	0	0	%100
92	M62	Z	-2.335	-2.335	0	%100
93	M63	X	0	0	0	%100
94	M63	Z	-1.41	-1.41	0	%100
95	M64	X	0	0	0	%100
96	M64	Z	-1.41	-1.41	0	%100
97	M65	X	0	0	0	%100
98	M65	Z	-2.5	-2.5	0	%100
99	M66	X	0	0	0	%100
100	M66	Z	-2.335	-2.335	0	%100
101	M67	X	0	0	0	%100
102	M67	Z	-1.41	-1.41	0	%100
103	M68	X	0	0	0	%100
104	M68	Z	-1.41	-1.41	0	%100
105	M69	X	0	0	0	%100
106	M69	Z	-2.5	-2.5	0	%100
107	M70	X	0	0	0	%100
108	M70	Z	-2.335	-2.335	0	%100
109	M71	X	0	0	0	%100
110	M71	Z	-1.366	-1.366	0	%100
111	M72	X	0	0	0	%100
112	M72	Z	-.928	-.928	0	%100
113	M73	X	0	0	0	%100
114	M73	Z	-.396	-.396	0	%100
115	M74	X	0	0	0	%100
116	M74	Z	-1.41	-1.41	0	%100
117	M75	X	0	0	0	%100
118	M75	Z	-1.41	-1.41	0	%100
119	M76	X	0	0	0	%100
120	M76	Z	-2.335	-2.335	0	%100
121	M77	X	0	0	0	%100
122	M77	Z	-1.41	-1.41	0	%100
123	M78	X	0	0	0	%100
124	M78	Z	-1.41	-1.41	0	%100
125	M79	X	0	0	0	%100
126	M79	Z	-2.335	-2.335	0	%100
127	M80	X	0	0	0	%100
128	M80	Z	-1.41	-1.41	0	%100
129	M81	X	0	0	0	%100
130	M81	Z	-1.41	-1.41	0	%100
131	M82	X	0	0	0	%100
132	M82	Z	-2.335	-2.335	0	%100
133	M83	X	0	0	0	%100
134	M83	Z	-1.802	-1.802	0	%100
135	M84	X	0	0	0	%100
136	M84	Z	-1.802	-1.802	0	%100
137	M93A	X	0	0	0	%100
138	M93A	Z	-.906	-.906	0	%100
139	M94A	X	0	0	0	%100
140	M94A	Z	-.906	-.906	0	%100
141	M97	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
142	M97	Z	-3.057	-3.057	0 %100
143	M98	X	0	0	0 %100
144	M98	Z	-.928	-.928	0 %100
145	M101	X	0	0	0 %100
146	M101	Z	-3.057	-3.057	0 %100
147	M102	X	0	0	0 %100
148	M102	Z	-3.199	-3.199	0 %100
149	M103	X	0	0	0 0
150	M103	Z	-.396	-.396	0 0
151	M104	X	0	0	0 %100
152	M104	Z	-1.366	-1.366	0 %100
153	M105	X	0	0	0 %100
154	M105	Z	-.928	-.928	0 %100
155	M106	X	0	0	0 %100
156	M106	Z	-1.41	-1.41	0 %100
157	M107	X	0	0	0 %100
158	M107	Z	-1.41	-1.41	0 %100
159	M108	X	0	0	0 %100
160	M108	Z	-2.335	-2.335	0 %100
161	M109	X	0	0	0 %100
162	M109	Z	-1.41	-1.41	0 %100
163	M110	X	0	0	0 %100
164	M110	Z	-1.41	-1.41	0 %100
165	M111	X	0	0	0 %100
166	M111	Z	-1.802	-1.802	0 %100
167	M112	X	0	0	0 %100
168	M112	Z	-2.335	-2.335	0 %100
169	M113	X	0	0	0 %100
170	M113	Z	-1.41	-1.41	0 %100
171	M114	X	0	0	0 %100
172	M114	Z	-1.41	-1.41	0 %100
173	M115	X	0	0	0 %100
174	M115	Z	-1.802	-1.802	0 %100
175	M116	X	0	0	0 %100
176	M116	Z	-2.335	-2.335	0 %100
177	M117	X	0	0	0 %100
178	M117	Z	-.396	-.396	0 %100
179	M118	X	0	0	0 %100
180	M118	Z	-3.199	-3.199	0 %100
181	M119	X	0	0	0 %100
182	M119	Z	-1.366	-1.366	0 %100
183	M120	X	0	0	0 %100
184	M120	Z	-1.41	-1.41	0 %100
185	M121	X	0	0	0 %100
186	M121	Z	-1.41	-1.41	0 %100
187	M122	X	0	0	0 %100
188	M122	Z	-2.335	-2.335	0 %100
189	M123	X	0	0	0 %100
190	M123	Z	-1.41	-1.41	0 %100
191	M124	X	0	0	0 %100
192	M124	Z	-1.41	-1.41	0 %100
193	M125	X	0	0	0 %100
194	M125	Z	-2.335	-2.335	0 %100
195	M126	X	0	0	0 %100
196	M126	Z	-1.41	-1.41	0 %100
197	M127	X	0	0	0 %100
198	M127	Z	-1.41	-1.41	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
199	M128	X	0	0	0	%100
200	M128	Z	-2.335	-2.335	0	%100
201	M129	X	0	0	0	%100
202	M129	Z	-2.5	-2.5	0	%100
203	M130	X	0	0	0	%100
204	M130	Z	-2.5	-2.5	0	%100
205	MP1A	X	0	0	0	%100
206	MP1A	Z	-3.067	-3.067	0	%100
207	MP4A	X	0	0	0	%100
208	MP4A	Z	-3.067	-3.067	0	%100
209	MP2A	X	0	0	0	%100
210	MP2A	Z	-3.311	-3.311	0	%100
211	MP3A	X	0	0	0	%100
212	MP3A	Z	-3.311	-3.311	0	%100
213	MP1C	X	0	0	0	%100
214	MP1C	Z	-3.067	-3.067	0	%100
215	MP4C	X	0	0	0	%100
216	MP4C	Z	-3.067	-3.067	0	%100
217	MP2C	X	0	0	0	%100
218	MP2C	Z	-3.311	-3.311	0	%100
219	MP3C	X	0	0	0	%100
220	MP3C	Z	-3.311	-3.311	0	%100
221	MP1B	X	0	0	0	%100
222	MP1B	Z	-3.067	-3.067	0	%100
223	MP4B	X	0	0	0	%100
224	MP4B	Z	-3.067	-3.067	0	%100
225	MP2B	X	0	0	0	%100
226	MP2B	Z	-3.311	-3.311	0	%100
227	MP3B	X	0	0	0	%100
228	MP3B	Z	-3.311	-3.311	0	%100
229	M163	X	0	0	0	%100
230	M163	Z	-2.656	-2.656	0	%100
231	M164	X	0	0	0	%100
232	M164	Z	-2.777	-2.777	0	%100
233	M165	X	0	0	0	%100
234	M165	Z	-.001	-.001	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M51	X	1.359	1.359	0	%100
2	M51	Z	-2.353	-2.353	0	%100
3	M54	X	1.359	1.359	0	%100
4	M54	Z	-2.353	-2.353	0	%100
5	M89B	X	1.528	1.528	0	%100
6	M89B	Z	-2.647	-2.647	0	%100
7	M90A	X	.003	.003	0	%100
8	M90A	Z	-.005	-.005	0	%100
9	M89C	X	1.528	1.528	0	%100
10	M89C	Z	-2.647	-2.647	0	%100
11	M90C	X	1.139	1.139	0	%100
12	M90C	Z	-1.972	-1.972	0	%100
13	M87C	X	.001	.001	0	%100
14	M87C	Z	-.002	-.002	0	%100
15	M88C	X	.486	.486	0	%100
16	M88C	Z	-.842	-.842	0	%100
17	M89D	X	.003	.003	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in,%]	End Location[in,%]
18	M89D	Z	-0.005	-0.005	0	%100
19	M90B	X	.888	.888	0	%100
20	M90B	Z	-1.537	-1.537	0	%100
21	M91A	X	.888	.888	0	%100
22	M91A	Z	-1.537	-1.537	0	%100
23	M92A	X	1.168	1.168	0	%100
24	M92A	Z	-2.022	-2.022	0	%100
25	M86A	X	.888	.888	0	%100
26	M86A	Z	-1.537	-1.537	0	%100
27	M87D	X	.888	.888	0	%100
28	M87D	Z	-1.537	-1.537	0	%100
29	M87E	X	.76	.76	0	%100
30	M87E	Z	-1.316	-1.316	0	%100
31	M88D	X	1.168	1.168	0	%100
32	M88D	Z	-2.022	-2.022	0	%100
33	M89A	X	.888	.888	0	%100
34	M89A	Z	-1.537	-1.537	0	%100
35	M90	X	.888	.888	0	%100
36	M90	Z	-1.537	-1.537	0	%100
37	M91	X	.76	.76	0	%100
38	M91	Z	-1.316	-1.316	0	%100
39	M92	X	1.168	1.168	0	%100
40	M92	Z	-2.022	-2.022	0	%100
41	M82A	X	.001	.001	0	%100
42	M82A	Z	-0.002	-0.002	0	%100
43	M83A	X	1.139	1.139	0	%100
44	M83A	Z	-1.972	-1.972	0	%100
45	M84A	X	.486	.486	0	%100
46	M84A	Z	-.842	-.842	0	%100
47	M85A	X	.888	.888	0	%100
48	M85A	Z	-1.537	-1.537	0	%100
49	M86B	X	.888	.888	0	%100
50	M86B	Z	-1.537	-1.537	0	%100
51	M87F	X	1.168	1.168	0	%100
52	M87F	Z	-2.022	-2.022	0	%100
53	M88E	X	.888	.888	0	%100
54	M88E	Z	-1.537	-1.537	0	%100
55	M89E	X	.888	.888	0	%100
56	M89E	Z	-1.537	-1.537	0	%100
57	M90D	X	1.168	1.168	0	%100
58	M90D	Z	-2.022	-2.022	0	%100
59	M91B	X	.888	.888	0	%100
60	M91B	Z	-1.537	-1.537	0	%100
61	M92B	X	.888	.888	0	%100
62	M92B	Z	-1.537	-1.537	0	%100
63	M93	X	1.168	1.168	0	%100
64	M93	Z	-2.022	-2.022	0	%100
65	M94	X	1.108	1.108	0	%100
66	M94	Z	-1.92	-1.92	0	%100
67	M95	X	1.108	1.108	0	%100
68	M95	Z	-1.92	-1.92	0	%100
69	M47	X	1.359	1.359	0	%100
70	M47	Z	-2.353	-2.353	0	%100
71	M48	X	1.359	1.359	0	%100
72	M48	Z	-2.353	-2.353	0	%100
73	M51A	X	1.528	1.528	0	%100
74	M51A	Z	-2.647	-2.647	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
75	M52	X	1.139	1.139	0 %100
76	M52	Z	-1.972	-1.972	0 %100
77	M55	X	1.528	1.528	0 %100
78	M55	Z	-2.647	-2.647	0 %100
79	M56	X	.003	.003	0 %100
80	M56	Z	-.005	-.005	0 %100
81	M57	X	.486	.486	0 %100
82	M57	Z	-.842	-.842	0 %100
83	M58	X	.001	.001	0 0
84	M58	Z	-.002	-.002	0 0
85	M59	X	1.139	1.139	0 %100
86	M59	Z	-1.972	-1.972	0 %100
87	M60	X	.888	.888	0 %100
88	M60	Z	-1.537	-1.537	0 %100
89	M61	X	.888	.888	0 %100
90	M61	Z	-1.537	-1.537	0 %100
91	M62	X	1.168	1.168	0 %100
92	M62	Z	-2.022	-2.022	0 %100
93	M63	X	.888	.888	0 %100
94	M63	Z	-1.537	-1.537	0 %100
95	M64	X	.888	.888	0 %100
96	M64	Z	-1.537	-1.537	0 %100
97	M65	X	1.108	1.108	0 %100
98	M65	Z	-1.92	-1.92	0 %100
99	M66	X	1.168	1.168	0 %100
100	M66	Z	-2.022	-2.022	0 %100
101	M67	X	.888	.888	0 %100
102	M67	Z	-1.537	-1.537	0 %100
103	M68	X	.888	.888	0 %100
104	M68	Z	-1.537	-1.537	0 %100
105	M69	X	1.108	1.108	0 %100
106	M69	Z	-1.92	-1.92	0 %100
107	M70	X	1.168	1.168	0 %100
108	M70	Z	-2.022	-2.022	0 %100
109	M71	X	.486	.486	0 %100
110	M71	Z	-.842	-.842	0 %100
111	M72	X	.003	.003	0 %100
112	M72	Z	-.005	-.005	0 %100
113	M73	X	.001	.001	0 %100
114	M73	Z	-.002	-.002	0 %100
115	M74	X	.888	.888	0 %100
116	M74	Z	-1.537	-1.537	0 %100
117	M75	X	.888	.888	0 %100
118	M75	Z	-1.537	-1.537	0 %100
119	M76	X	1.168	1.168	0 %100
120	M76	Z	-2.022	-2.022	0 %100
121	M77	X	.888	.888	0 %100
122	M77	Z	-1.537	-1.537	0 %100
123	M78	X	.888	.888	0 %100
124	M78	Z	-1.537	-1.537	0 %100
125	M79	X	1.168	1.168	0 %100
126	M79	Z	-2.022	-2.022	0 %100
127	M80	X	.888	.888	0 %100
128	M80	Z	-1.537	-1.537	0 %100
129	M81	X	.888	.888	0 %100
130	M81	Z	-1.537	-1.537	0 %100
131	M82	X	1.168	1.168	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
132	M82	Z	-2.022	-2.022	0 %100
133	M83	X	.76	.76	0 %100
134	M83	Z	-1.316	-1.316	0 %100
135	M84	X	.76	.76	0 %100
136	M84	Z	-1.316	-1.316	0 %100
137	M93A	X	0	0	0 %100
138	M93A	Z	0	0	0 %100
139	M94A	X	0	0	0 %100
140	M94A	Z	0	0	0 %100
141	M97	X	1.528	1.528	0 %100
142	M97	Z	-2.647	-2.647	0 %100
143	M98	X	1.262	1.262	0 %100
144	M98	Z	-2.186	-2.186	0 %100
145	M101	X	1.528	1.528	0 %100
146	M101	Z	-2.647	-2.647	0 %100
147	M102	X	1.262	1.262	0 %100
148	M102	Z	-2.186	-2.186	0 %100
149	M103	X	.539	.539	0 0
150	M103	Z	-.933	-.933	0 0
151	M104	X	.539	.539	0 %100
152	M104	Z	-.933	-.933	0 %100
153	M105	X	1.262	1.262	0 %100
154	M105	Z	-2.186	-2.186	0 %100
155	M106	X	.888	.888	0 %100
156	M106	Z	-1.537	-1.537	0 %100
157	M107	X	.888	.888	0 %100
158	M107	Z	-1.537	-1.537	0 %100
159	M108	X	1.168	1.168	0 %100
160	M108	Z	-2.022	-2.022	0 %100
161	M109	X	.888	.888	0 %100
162	M109	Z	-1.537	-1.537	0 %100
163	M110	X	.888	.888	0 %100
164	M110	Z	-1.537	-1.537	0 %100
165	M111	X	1.146	1.146	0 %100
166	M111	Z	-1.985	-1.985	0 %100
167	M112	X	1.168	1.168	0 %100
168	M112	Z	-2.022	-2.022	0 %100
169	M113	X	.888	.888	0 %100
170	M113	Z	-1.537	-1.537	0 %100
171	M114	X	.888	.888	0 %100
172	M114	Z	-1.537	-1.537	0 %100
173	M115	X	1.146	1.146	0 %100
174	M115	Z	-1.985	-1.985	0 %100
175	M116	X	1.168	1.168	0 %100
176	M116	Z	-2.022	-2.022	0 %100
177	M117	X	.539	.539	0 %100
178	M117	Z	-.933	-.933	0 %100
179	M118	X	1.262	1.262	0 %100
180	M118	Z	-2.186	-2.186	0 %100
181	M119	X	.539	.539	0 %100
182	M119	Z	-.933	-.933	0 %100
183	M120	X	.888	.888	0 %100
184	M120	Z	-1.537	-1.537	0 %100
185	M121	X	.888	.888	0 %100
186	M121	Z	-1.537	-1.537	0 %100
187	M122	X	1.168	1.168	0 %100
188	M122	Z	-2.022	-2.022	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
189	M123	X	.888	.888	0	%100
190	M123	Z	-1.537	-1.537	0	%100
191	M124	X	.888	.888	0	%100
192	M124	Z	-1.537	-1.537	0	%100
193	M125	X	1.168	1.168	0	%100
194	M125	Z	-2.022	-2.022	0	%100
195	M126	X	.888	.888	0	%100
196	M126	Z	-1.537	-1.537	0	%100
197	M127	X	.888	.888	0	%100
198	M127	Z	-1.537	-1.537	0	%100
199	M128	X	1.168	1.168	0	%100
200	M128	Z	-2.022	-2.022	0	%100
201	M129	X	1.146	1.146	0	%100
202	M129	Z	-1.985	-1.985	0	%100
203	M130	X	1.146	1.146	0	%100
204	M130	Z	-1.985	-1.985	0	%100
205	MP1A	X	1.534	1.534	0	%100
206	MP1A	Z	-2.656	-2.656	0	%100
207	MP4A	X	1.534	1.534	0	%100
208	MP4A	Z	-2.656	-2.656	0	%100
209	MP2A	X	1.655	1.655	0	%100
210	MP2A	Z	-2.867	-2.867	0	%100
211	MP3A	X	1.655	1.655	0	%100
212	MP3A	Z	-2.867	-2.867	0	%100
213	MP1C	X	1.534	1.534	0	%100
214	MP1C	Z	-2.656	-2.656	0	%100
215	MP4C	X	1.534	1.534	0	%100
216	MP4C	Z	-2.656	-2.656	0	%100
217	MP2C	X	1.655	1.655	0	%100
218	MP2C	Z	-2.867	-2.867	0	%100
219	MP3C	X	1.655	1.655	0	%100
220	MP3C	Z	-2.867	-2.867	0	%100
221	MP1B	X	1.534	1.534	0	%100
222	MP1B	Z	-2.656	-2.656	0	%100
223	MP4B	X	1.534	1.534	0	%100
224	MP4B	Z	-2.656	-2.656	0	%100
225	MP2B	X	1.655	1.655	0	%100
226	MP2B	Z	-2.867	-2.867	0	%100
227	MP3B	X	1.655	1.655	0	%100
228	MP3B	Z	-2.867	-2.867	0	%100
229	M163	X	.423	.423	0	%100
230	M163	Z	-.733	-.733	0	%100
231	M164	X	1.811	1.811	0	%100
232	M164	Z	-3.136	-3.136	0	%100
233	M165	X	.483	.483	0	%100
234	M165	Z	-.837	-.837	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M51	X	.784	.784	0	%100
2	M51	Z	-.453	-.453	0	%100
3	M54	X	.784	.784	0	%100
4	M54	Z	-.453	-.453	0	%100
5	M89B	X	2.647	2.647	0	%100
6	M89B	Z	-1.528	-1.528	0	%100
7	M90A	X	.803	.803	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
8	M90A	Z	-.464	-.464	0 %100
9	M89C	X	2.647	2.647	0 %100
10	M89C	Z	-1.528	-1.528	0 %100
11	M90C	X	2.77	2.77	0 %100
12	M90C	Z	-1.599	-1.599	0 %100
13	M87C	X	.343	.343	0 %100
14	M87C	Z	-.198	-.198	0 %100
15	M88C	X	1.183	1.183	0 %100
16	M88C	Z	-.683	-.683	0 %100
17	M89D	X	.803	.803	0 %100
18	M89D	Z	-.464	-.464	0 %100
19	M90B	X	2.17	2.17	0 %100
20	M90B	Z	-1.253	-1.253	0 %100
21	M91A	X	2.17	2.17	0 %100
22	M91A	Z	-1.253	-1.253	0 %100
23	M92A	X	2.022	2.022	0 %100
24	M92A	Z	-1.168	-1.168	0 %100
25	M86A	X	2.17	2.17	0 %100
26	M86A	Z	-1.253	-1.253	0 %100
27	M87D	X	2.17	2.17	0 %100
28	M87D	Z	-1.253	-1.253	0 %100
29	M87E	X	1.561	1.561	0 %100
30	M87E	Z	-.901	-.901	0 %100
31	M88D	X	2.022	2.022	0 %100
32	M88D	Z	-1.168	-1.168	0 %100
33	M89A	X	2.17	2.17	0 %100
34	M89A	Z	-1.253	-1.253	0 %100
35	M90	X	2.17	2.17	0 %100
36	M90	Z	-1.253	-1.253	0 %100
37	M91	X	1.561	1.561	0 %100
38	M91	Z	-.901	-.901	0 %100
39	M92	X	2.022	2.022	0 %100
40	M92	Z	-1.168	-1.168	0 %100
41	M82A	X	.343	.343	0 %100
42	M82A	Z	-.198	-.198	0 %100
43	M83A	X	2.77	2.77	0 %100
44	M83A	Z	-1.599	-1.599	0 %100
45	M84A	X	1.183	1.183	0 %100
46	M84A	Z	-.683	-.683	0 %100
47	M85A	X	2.17	2.17	0 %100
48	M85A	Z	-1.253	-1.253	0 %100
49	M86B	X	2.17	2.17	0 %100
50	M86B	Z	-1.253	-1.253	0 %100
51	M87F	X	2.022	2.022	0 %100
52	M87F	Z	-1.168	-1.168	0 %100
53	M88E	X	2.17	2.17	0 %100
54	M88E	Z	-1.253	-1.253	0 %100
55	M89E	X	2.17	2.17	0 %100
56	M89E	Z	-1.253	-1.253	0 %100
57	M90D	X	2.022	2.022	0 %100
58	M90D	Z	-1.168	-1.168	0 %100
59	M91B	X	2.17	2.17	0 %100
60	M91B	Z	-1.253	-1.253	0 %100
61	M92B	X	2.17	2.17	0 %100
62	M92B	Z	-1.253	-1.253	0 %100
63	M93	X	2.022	2.022	0 %100
64	M93	Z	-1.168	-1.168	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
65	M94	X	2.165	2.165	0 %100
66	M94	Z	-1.25	-1.25	0 %100
67	M95	X	2.165	2.165	0 %100
68	M95	Z	-1.25	-1.25	0 %100
69	M47	X	3.138	3.138	0 %100
70	M47	Z	-1.811	-1.811	0 %100
71	M48	X	3.138	3.138	0 %100
72	M48	Z	-1.811	-1.811	0 %100
73	M51A	X	2.647	2.647	0 %100
74	M51A	Z	-1.528	-1.528	0 %100
75	M52	X	.59	.59	0 %100
76	M52	Z	-.341	-.341	0 %100
77	M55	X	2.647	2.647	0 %100
78	M55	Z	-1.528	-1.528	0 %100
79	M56	X	.59	.59	0 %100
80	M56	Z	-.341	-.341	0 %100
81	M57	X	.252	.252	0 %100
82	M57	Z	-.145	-.145	0 %100
83	M58	X	.252	.252	0 0
84	M58	Z	-.145	-.145	0 0
85	M59	X	.59	.59	0 %100
86	M59	Z	-.341	-.341	0 %100
87	M60	X	2.17	2.17	0 %100
88	M60	Z	-1.253	-1.253	0 %100
89	M61	X	2.17	2.17	0 %100
90	M61	Z	-1.253	-1.253	0 %100
91	M62	X	2.022	2.022	0 %100
92	M62	Z	-1.168	-1.168	0 %100
93	M63	X	2.17	2.17	0 %100
94	M63	Z	-1.253	-1.253	0 %100
95	M64	X	2.17	2.17	0 %100
96	M64	Z	-1.253	-1.253	0 %100
97	M65	X	1.495	1.495	0 %100
98	M65	Z	-.863	-.863	0 %100
99	M66	X	2.022	2.022	0 %100
100	M66	Z	-1.168	-1.168	0 %100
101	M67	X	2.17	2.17	0 %100
102	M67	Z	-1.253	-1.253	0 %100
103	M68	X	2.17	2.17	0 %100
104	M68	Z	-1.253	-1.253	0 %100
105	M69	X	1.495	1.495	0 %100
106	M69	Z	-.863	-.863	0 %100
107	M70	X	2.022	2.022	0 %100
108	M70	Z	-1.168	-1.168	0 %100
109	M71	X	.252	.252	0 %100
110	M71	Z	-.145	-.145	0 %100
111	M72	X	.59	.59	0 %100
112	M72	Z	-.341	-.341	0 %100
113	M73	X	.252	.252	0 %100
114	M73	Z	-.145	-.145	0 %100
115	M74	X	2.17	2.17	0 %100
116	M74	Z	-1.253	-1.253	0 %100
117	M75	X	2.17	2.17	0 %100
118	M75	Z	-1.253	-1.253	0 %100
119	M76	X	2.022	2.022	0 %100
120	M76	Z	-1.168	-1.168	0 %100
121	M77	X	2.17	2.17	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
122	M77	Z	-1.253	-1.253	0 %100
123	M78	X	2.17	2.17	0 %100
124	M78	Z	-1.253	-1.253	0 %100
125	M79	X	2.022	2.022	0 %100
126	M79	Z	-1.168	-1.168	0 %100
127	M80	X	2.17	2.17	0 %100
128	M80	Z	-1.253	-1.253	0 %100
129	M81	X	2.17	2.17	0 %100
130	M81	Z	-1.253	-1.253	0 %100
131	M82	X	2.022	2.022	0 %100
132	M82	Z	-1.168	-1.168	0 %100
133	M83	X	1.495	1.495	0 %100
134	M83	Z	-.863	-.863	0 %100
135	M84	X	1.495	1.495	0 %100
136	M84	Z	-.863	-.863	0 %100
137	M93A	X	.784	.784	0 %100
138	M93A	Z	-.453	-.453	0 %100
139	M94A	X	.784	.784	0 %100
140	M94A	Z	-.453	-.453	0 %100
141	M97	X	2.647	2.647	0 %100
142	M97	Z	-1.528	-1.528	0 %100
143	M98	X	2.77	2.77	0 %100
144	M98	Z	-1.599	-1.599	0 %100
145	M101	X	2.647	2.647	0 %100
146	M101	Z	-1.528	-1.528	0 %100
147	M102	X	.803	.803	0 %100
148	M102	Z	-.464	-.464	0 %100
149	M103	X	1.183	1.183	0 0
150	M103	Z	-.683	-.683	0 0
151	M104	X	.343	.343	0 %100
152	M104	Z	-.198	-.198	0 %100
153	M105	X	2.77	2.77	0 %100
154	M105	Z	-1.599	-1.599	0 %100
155	M106	X	2.17	2.17	0 %100
156	M106	Z	-1.253	-1.253	0 %100
157	M107	X	2.17	2.17	0 %100
158	M107	Z	-1.253	-1.253	0 %100
159	M108	X	2.022	2.022	0 %100
160	M108	Z	-1.168	-1.168	0 %100
161	M109	X	2.17	2.17	0 %100
162	M109	Z	-1.253	-1.253	0 %100
163	M110	X	2.17	2.17	0 %100
164	M110	Z	-1.253	-1.253	0 %100
165	M111	X	2.165	2.165	0 %100
166	M111	Z	-1.25	-1.25	0 %100
167	M112	X	2.022	2.022	0 %100
168	M112	Z	-1.168	-1.168	0 %100
169	M113	X	2.17	2.17	0 %100
170	M113	Z	-1.253	-1.253	0 %100
171	M114	X	2.17	2.17	0 %100
172	M114	Z	-1.253	-1.253	0 %100
173	M115	X	2.165	2.165	0 %100
174	M115	Z	-1.25	-1.25	0 %100
175	M116	X	2.022	2.022	0 %100
176	M116	Z	-1.168	-1.168	0 %100
177	M117	X	1.183	1.183	0 %100
178	M117	Z	-.683	-.683	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
179	M118	X	.803	.803	0 %100
180	M118	Z	-.464	-.464	0 %100
181	M119	X	.343	.343	0 %100
182	M119	Z	-.198	-.198	0 %100
183	M120	X	2.17	2.17	0 %100
184	M120	Z	-1.253	-1.253	0 %100
185	M121	X	2.17	2.17	0 %100
186	M121	Z	-1.253	-1.253	0 %100
187	M122	X	2.022	2.022	0 %100
188	M122	Z	-1.168	-1.168	0 %100
189	M123	X	2.17	2.17	0 %100
190	M123	Z	-1.253	-1.253	0 %100
191	M124	X	2.17	2.17	0 %100
192	M124	Z	-1.253	-1.253	0 %100
193	M125	X	2.022	2.022	0 %100
194	M125	Z	-1.168	-1.168	0 %100
195	M126	X	2.17	2.17	0 %100
196	M126	Z	-1.253	-1.253	0 %100
197	M127	X	2.17	2.17	0 %100
198	M127	Z	-1.253	-1.253	0 %100
199	M128	X	2.022	2.022	0 %100
200	M128	Z	-1.168	-1.168	0 %100
201	M129	X	1.561	1.561	0 %100
202	M129	Z	-.901	-.901	0 %100
203	M130	X	1.561	1.561	0 %100
204	M130	Z	-.901	-.901	0 %100
205	MP1A	X	2.656	2.656	0 %100
206	MP1A	Z	-1.534	-1.534	0 %100
207	MP4A	X	2.656	2.656	0 %100
208	MP4A	Z	-1.534	-1.534	0 %100
209	MP2A	X	2.867	2.867	0 %100
210	MP2A	Z	-1.655	-1.655	0 %100
211	MP3A	X	2.867	2.867	0 %100
212	MP3A	Z	-1.655	-1.655	0 %100
213	MP1C	X	2.656	2.656	0 %100
214	MP1C	Z	-1.534	-1.534	0 %100
215	MP4C	X	2.656	2.656	0 %100
216	MP4C	Z	-1.534	-1.534	0 %100
217	MP2C	X	2.867	2.867	0 %100
218	MP2C	Z	-1.655	-1.655	0 %100
219	MP3C	X	2.867	2.867	0 %100
220	MP3C	Z	-1.655	-1.655	0 %100
221	MP1B	X	2.656	2.656	0 %100
222	MP1B	Z	-1.534	-1.534	0 %100
223	MP4B	X	2.656	2.656	0 %100
224	MP4B	Z	-1.534	-1.534	0 %100
225	MP2B	X	2.867	2.867	0 %100
226	MP2B	Z	-1.655	-1.655	0 %100
227	MP3B	X	2.867	2.867	0 %100
228	MP3B	Z	-1.655	-1.655	0 %100
229	M163	X	.001	.001	0 %100
230	M163	Z	-.000673	-.000673	0 %100
231	M164	X	2.3	2.3	0 %100
232	M164	Z	-1.328	-1.328	0 %100
233	M165	X	2.405	2.405	0 %100
234	M165	Z	-1.389	-1.389	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]	
1	M51	X	0	0	0	%100
2	M51	Z	0	0	0	%100
3	M54	X	0	0	0	%100
4	M54	Z	0	0	0	%100
5	M89B	X	3.057	3.057	0	%100
6	M89B	Z	0	0	0	%100
7	M90A	X	2.524	2.524	0	%100
8	M90A	Z	0	0	0	%100
9	M89C	X	3.057	3.057	0	%100
10	M89C	Z	0	0	0	%100
11	M90C	X	2.524	2.524	0	%100
12	M90C	Z	0	0	0	%100
13	M87C	X	1.078	1.078	0	%100
14	M87C	Z	0	0	0	%100
15	M88C	X	1.078	1.078	0	%100
16	M88C	Z	0	0	0	%100
17	M89D	X	2.524	2.524	0	%100
18	M89D	Z	0	0	0	%100
19	M90B	X	2.87	2.87	0	%100
20	M90B	Z	0	0	0	%100
21	M91A	X	2.87	2.87	0	%100
22	M91A	Z	0	0	0	%100
23	M92A	X	2.335	2.335	0	%100
24	M92A	Z	0	0	0	%100
25	M86A	X	2.87	2.87	0	%100
26	M86A	Z	0	0	0	%100
27	M87D	X	2.87	2.87	0	%100
28	M87D	Z	0	0	0	%100
29	M87E	X	2.292	2.292	0	%100
30	M87E	Z	0	0	0	%100
31	M88D	X	2.335	2.335	0	%100
32	M88D	Z	0	0	0	%100
33	M89A	X	2.87	2.87	0	%100
34	M89A	Z	0	0	0	%100
35	M90	X	2.87	2.87	0	%100
36	M90	Z	0	0	0	%100
37	M91	X	2.292	2.292	0	%100
38	M91	Z	0	0	0	%100
39	M92	X	2.335	2.335	0	%100
40	M92	Z	0	0	0	%100
41	M82A	X	1.078	1.078	0	%100
42	M82A	Z	0	0	0	%100
43	M83A	X	2.524	2.524	0	%100
44	M83A	Z	0	0	0	%100
45	M84A	X	1.078	1.078	0	%100
46	M84A	Z	0	0	0	%100
47	M85A	X	2.87	2.87	0	%100
48	M85A	Z	0	0	0	%100
49	M86B	X	2.87	2.87	0	%100
50	M86B	Z	0	0	0	%100
51	M87F	X	2.335	2.335	0	%100
52	M87F	Z	0	0	0	%100
53	M88E	X	2.87	2.87	0	%100
54	M88E	Z	0	0	0	%100
55	M89E	X	2.87	2.87	0	%100
56	M89E	Z	0	0	0	%100
57	M90D	X	2.335	2.335	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]	
58	M90D	Z	0	0	0	%100
59	M91B	X	2.87	2.87	0	%100
60	M91B	Z	0	0	0	%100
61	M92B	X	2.87	2.87	0	%100
62	M92B	Z	0	0	0	%100
63	M93	X	2.335	2.335	0	%100
64	M93	Z	0	0	0	%100
65	M94	X	2.292	2.292	0	%100
66	M94	Z	0	0	0	%100
67	M95	X	2.292	2.292	0	%100
68	M95	Z	0	0	0	%100
69	M47	X	2.717	2.717	0	%100
70	M47	Z	0	0	0	%100
71	M48	X	2.717	2.717	0	%100
72	M48	Z	0	0	0	%100
73	M51A	X	3.057	3.057	0	%100
74	M51A	Z	0	0	0	%100
75	M52	X	.006	.006	0	%100
76	M52	Z	0	0	0	%100
77	M55	X	3.057	3.057	0	%100
78	M55	Z	0	0	0	%100
79	M56	X	2.277	2.277	0	%100
80	M56	Z	0	0	0	%100
81	M57	X	.003	.003	0	%100
82	M57	Z	0	0	0	%100
83	M58	X	.973	.973	0	0
84	M58	Z	0	0	0	0
85	M59	X	.006	.006	0	%100
86	M59	Z	0	0	0	%100
87	M60	X	2.87	2.87	0	%100
88	M60	Z	0	0	0	%100
89	M61	X	2.87	2.87	0	%100
90	M61	Z	0	0	0	%100
91	M62	X	2.335	2.335	0	%100
92	M62	Z	0	0	0	%100
93	M63	X	2.87	2.87	0	%100
94	M63	Z	0	0	0	%100
95	M64	X	2.87	2.87	0	%100
96	M64	Z	0	0	0	%100
97	M65	X	1.519	1.519	0	%100
98	M65	Z	0	0	0	%100
99	M66	X	2.335	2.335	0	%100
100	M66	Z	0	0	0	%100
101	M67	X	2.87	2.87	0	%100
102	M67	Z	0	0	0	%100
103	M68	X	2.87	2.87	0	%100
104	M68	Z	0	0	0	%100
105	M69	X	1.519	1.519	0	%100
106	M69	Z	0	0	0	%100
107	M70	X	2.335	2.335	0	%100
108	M70	Z	0	0	0	%100
109	M71	X	.003	.003	0	%100
110	M71	Z	0	0	0	%100
111	M72	X	2.277	2.277	0	%100
112	M72	Z	0	0	0	%100
113	M73	X	.973	.973	0	%100
114	M73	Z	0	0	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
115	M74	X	2.87	2.87	0 %100
116	M74	Z	0	0	0 %100
117	M75	X	2.87	2.87	0 %100
118	M75	Z	0	0	0 %100
119	M76	X	2.335	2.335	0 %100
120	M76	Z	0	0	0 %100
121	M77	X	2.87	2.87	0 %100
122	M77	Z	0	0	0 %100
123	M78	X	2.87	2.87	0 %100
124	M78	Z	0	0	0 %100
125	M79	X	2.335	2.335	0 %100
126	M79	Z	0	0	0 %100
127	M80	X	2.87	2.87	0 %100
128	M80	Z	0	0	0 %100
129	M81	X	2.87	2.87	0 %100
130	M81	Z	0	0	0 %100
131	M82	X	2.335	2.335	0 %100
132	M82	Z	0	0	0 %100
133	M83	X	2.217	2.217	0 %100
134	M83	Z	0	0	0 %100
135	M84	X	2.217	2.217	0 %100
136	M84	Z	0	0	0 %100
137	M93A	X	2.717	2.717	0 %100
138	M93A	Z	0	0	0 %100
139	M94A	X	2.717	2.717	0 %100
140	M94A	Z	0	0	0 %100
141	M97	X	3.057	3.057	0 %100
142	M97	Z	0	0	0 %100
143	M98	X	2.277	2.277	0 %100
144	M98	Z	0	0	0 %100
145	M101	X	3.057	3.057	0 %100
146	M101	Z	0	0	0 %100
147	M102	X	.006	.006	0 %100
148	M102	Z	0	0	0 %100
149	M103	X	.973	.973	0 0
150	M103	Z	0	0	0 0
151	M104	X	.003	.003	0 %100
152	M104	Z	0	0	0 %100
153	M105	X	2.277	2.277	0 %100
154	M105	Z	0	0	0 %100
155	M106	X	2.87	2.87	0 %100
156	M106	Z	0	0	0 %100
157	M107	X	2.87	2.87	0 %100
158	M107	Z	0	0	0 %100
159	M108	X	2.335	2.335	0 %100
160	M108	Z	0	0	0 %100
161	M109	X	2.87	2.87	0 %100
162	M109	Z	0	0	0 %100
163	M110	X	2.87	2.87	0 %100
164	M110	Z	0	0	0 %100
165	M111	X	2.217	2.217	0 %100
166	M111	Z	0	0	0 %100
167	M112	X	2.335	2.335	0 %100
168	M112	Z	0	0	0 %100
169	M113	X	2.87	2.87	0 %100
170	M113	Z	0	0	0 %100
171	M114	X	2.87	2.87	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
172	M114	Z	0	0	0	%100
173	M115	X	2.217	2.217	0	%100
174	M115	Z	0	0	0	%100
175	M116	X	2.335	2.335	0	%100
176	M116	Z	0	0	0	%100
177	M117	X	.973	.973	0	%100
178	M117	Z	0	0	0	%100
179	M118	X	.006	.006	0	%100
180	M118	Z	0	0	0	%100
181	M119	X	.003	.003	0	%100
182	M119	Z	0	0	0	%100
183	M120	X	2.87	2.87	0	%100
184	M120	Z	0	0	0	%100
185	M121	X	2.87	2.87	0	%100
186	M121	Z	0	0	0	%100
187	M122	X	2.335	2.335	0	%100
188	M122	Z	0	0	0	%100
189	M123	X	2.87	2.87	0	%100
190	M123	Z	0	0	0	%100
191	M124	X	2.87	2.87	0	%100
192	M124	Z	0	0	0	%100
193	M125	X	2.335	2.335	0	%100
194	M125	Z	0	0	0	%100
195	M126	X	2.87	2.87	0	%100
196	M126	Z	0	0	0	%100
197	M127	X	2.87	2.87	0	%100
198	M127	Z	0	0	0	%100
199	M128	X	2.335	2.335	0	%100
200	M128	Z	0	0	0	%100
201	M129	X	1.519	1.519	0	%100
202	M129	Z	0	0	0	%100
203	M130	X	1.519	1.519	0	%100
204	M130	Z	0	0	0	%100
205	MP1A	X	3.067	3.067	0	%100
206	MP1A	Z	0	0	0	%100
207	MP4A	X	3.067	3.067	0	%100
208	MP4A	Z	0	0	0	%100
209	MP2A	X	3.311	3.311	0	%100
210	MP2A	Z	0	0	0	%100
211	MP3A	X	3.311	3.311	0	%100
212	MP3A	Z	0	0	0	%100
213	MP1C	X	3.067	3.067	0	%100
214	MP1C	Z	0	0	0	%100
215	MP4C	X	3.067	3.067	0	%100
216	MP4C	Z	0	0	0	%100
217	MP2C	X	3.311	3.311	0	%100
218	MP2C	Z	0	0	0	%100
219	MP3C	X	3.311	3.311	0	%100
220	MP3C	Z	0	0	0	%100
221	MP1B	X	3.067	3.067	0	%100
222	MP1B	Z	0	0	0	%100
223	MP4B	X	3.067	3.067	0	%100
224	MP4B	Z	0	0	0	%100
225	MP2B	X	3.311	3.311	0	%100
226	MP2B	Z	0	0	0	%100
227	MP3B	X	3.311	3.311	0	%100
228	MP3B	Z	0	0	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
229	M163	X	.967	.967	0	%100
230	M163	Z	0	0	0	%100
231	M164	X	.846	.846	0	%100
232	M164	Z	0	0	0	%100
233	M165	X	3.622	3.622	0	%100
234	M165	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M51	X	.784	.784	0	%100
2	M51	Z	.453	.453	0	%100
3	M54	X	.784	.784	0	%100
4	M54	Z	.453	.453	0	%100
5	M89B	X	2.647	2.647	0	%100
6	M89B	Z	1.528	1.528	0	%100
7	M90A	X	2.77	2.77	0	%100
8	M90A	Z	1.599	1.599	0	%100
9	M89C	X	2.647	2.647	0	%100
10	M89C	Z	1.528	1.528	0	%100
11	M90C	X	.803	.803	0	%100
12	M90C	Z	.464	.464	0	%100
13	M87C	X	1.183	1.183	0	%100
14	M87C	Z	.683	.683	0	%100
15	M88C	X	.343	.343	0	%100
16	M88C	Z	.198	.198	0	%100
17	M89D	X	2.77	2.77	0	%100
18	M89D	Z	1.599	1.599	0	%100
19	M90B	X	2.17	2.17	0	%100
20	M90B	Z	1.253	1.253	0	%100
21	M91A	X	2.17	2.17	0	%100
22	M91A	Z	1.253	1.253	0	%100
23	M92A	X	2.022	2.022	0	%100
24	M92A	Z	1.168	1.168	0	%100
25	M86A	X	2.17	2.17	0	%100
26	M86A	Z	1.253	1.253	0	%100
27	M87D	X	2.17	2.17	0	%100
28	M87D	Z	1.253	1.253	0	%100
29	M87E	X	2.165	2.165	0	%100
30	M87E	Z	1.25	1.25	0	%100
31	M88D	X	2.022	2.022	0	%100
32	M88D	Z	1.168	1.168	0	%100
33	M89A	X	2.17	2.17	0	%100
34	M89A	Z	1.253	1.253	0	%100
35	M90	X	2.17	2.17	0	%100
36	M90	Z	1.253	1.253	0	%100
37	M91	X	2.165	2.165	0	%100
38	M91	Z	1.25	1.25	0	%100
39	M92	X	2.022	2.022	0	%100
40	M92	Z	1.168	1.168	0	%100
41	M82A	X	1.183	1.183	0	%100
42	M82A	Z	.683	.683	0	%100
43	M83A	X	.803	.803	0	%100
44	M83A	Z	.464	.464	0	%100
45	M84A	X	.343	.343	0	%100
46	M84A	Z	.198	.198	0	%100
47	M85A	X	2.17	2.17	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in,%]	End Location[in,%]
48	M85A	Z	1.253	1.253	0 %100
49	M86B	X	2.17	2.17	0 %100
50	M86B	Z	1.253	1.253	0 %100
51	M87F	X	2.022	2.022	0 %100
52	M87F	Z	1.168	1.168	0 %100
53	M88E	X	2.17	2.17	0 %100
54	M88E	Z	1.253	1.253	0 %100
55	M89E	X	2.17	2.17	0 %100
56	M89E	Z	1.253	1.253	0 %100
57	M90D	X	2.022	2.022	0 %100
58	M90D	Z	1.168	1.168	0 %100
59	M91B	X	2.17	2.17	0 %100
60	M91B	Z	1.253	1.253	0 %100
61	M92B	X	2.17	2.17	0 %100
62	M92B	Z	1.253	1.253	0 %100
63	M93	X	2.022	2.022	0 %100
64	M93	Z	1.168	1.168	0 %100
65	M94	X	1.561	1.561	0 %100
66	M94	Z	.901	.901	0 %100
67	M95	X	1.561	1.561	0 %100
68	M95	Z	.901	.901	0 %100
69	M47	X	.784	.784	0 %100
70	M47	Z	.453	.453	0 %100
71	M48	X	.784	.784	0 %100
72	M48	Z	.453	.453	0 %100
73	M51A	X	2.647	2.647	0 %100
74	M51A	Z	1.528	1.528	0 %100
75	M52	X	.803	.803	0 %100
76	M52	Z	.464	.464	0 %100
77	M55	X	2.647	2.647	0 %100
78	M55	Z	1.528	1.528	0 %100
79	M56	X	2.77	2.77	0 %100
80	M56	Z	1.599	1.599	0 %100
81	M57	X	.343	.343	0 %100
82	M57	Z	.198	.198	0 %100
83	M58	X	1.183	1.183	0 0
84	M58	Z	.683	.683	0 0
85	M59	X	.803	.803	0 %100
86	M59	Z	.464	.464	0 %100
87	M60	X	2.17	2.17	0 %100
88	M60	Z	1.253	1.253	0 %100
89	M61	X	2.17	2.17	0 %100
90	M61	Z	1.253	1.253	0 %100
91	M62	X	2.022	2.022	0 %100
92	M62	Z	1.168	1.168	0 %100
93	M63	X	2.17	2.17	0 %100
94	M63	Z	1.253	1.253	0 %100
95	M64	X	2.17	2.17	0 %100
96	M64	Z	1.253	1.253	0 %100
97	M65	X	1.561	1.561	0 %100
98	M65	Z	.901	.901	0 %100
99	M66	X	2.022	2.022	0 %100
100	M66	Z	1.168	1.168	0 %100
101	M67	X	2.17	2.17	0 %100
102	M67	Z	1.253	1.253	0 %100
103	M68	X	2.17	2.17	0 %100
104	M68	Z	1.253	1.253	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
105	M69	X	1.561	1.561	0 %100
106	M69	Z	.901	.901	0 %100
107	M70	X	2.022	2.022	0 %100
108	M70	Z	1.168	1.168	0 %100
109	M71	X	.343	.343	0 %100
110	M71	Z	.198	.198	0 %100
111	M72	X	2.77	2.77	0 %100
112	M72	Z	1.599	1.599	0 %100
113	M73	X	1.183	1.183	0 %100
114	M73	Z	.683	.683	0 %100
115	M74	X	2.17	2.17	0 %100
116	M74	Z	1.253	1.253	0 %100
117	M75	X	2.17	2.17	0 %100
118	M75	Z	1.253	1.253	0 %100
119	M76	X	2.022	2.022	0 %100
120	M76	Z	1.168	1.168	0 %100
121	M77	X	2.17	2.17	0 %100
122	M77	Z	1.253	1.253	0 %100
123	M78	X	2.17	2.17	0 %100
124	M78	Z	1.253	1.253	0 %100
125	M79	X	2.022	2.022	0 %100
126	M79	Z	1.168	1.168	0 %100
127	M80	X	2.17	2.17	0 %100
128	M80	Z	1.253	1.253	0 %100
129	M81	X	2.17	2.17	0 %100
130	M81	Z	1.253	1.253	0 %100
131	M82	X	2.022	2.022	0 %100
132	M82	Z	1.168	1.168	0 %100
133	M83	X	2.165	2.165	0 %100
134	M83	Z	1.25	1.25	0 %100
135	M84	X	2.165	2.165	0 %100
136	M84	Z	1.25	1.25	0 %100
137	M93A	X	3.138	3.138	0 %100
138	M93A	Z	1.811	1.811	0 %100
139	M94A	X	3.138	3.138	0 %100
140	M94A	Z	1.811	1.811	0 %100
141	M97	X	2.647	2.647	0 %100
142	M97	Z	1.528	1.528	0 %100
143	M98	X	.59	.59	0 %100
144	M98	Z	.341	.341	0 %100
145	M101	X	2.647	2.647	0 %100
146	M101	Z	1.528	1.528	0 %100
147	M102	X	.59	.59	0 %100
148	M102	Z	.341	.341	0 %100
149	M103	X	.252	.252	0 0
150	M103	Z	.145	.145	0 0
151	M104	X	.252	.252	0 %100
152	M104	Z	.145	.145	0 %100
153	M105	X	.59	.59	0 %100
154	M105	Z	.341	.341	0 %100
155	M106	X	2.17	2.17	0 %100
156	M106	Z	1.253	1.253	0 %100
157	M107	X	2.17	2.17	0 %100
158	M107	Z	1.253	1.253	0 %100
159	M108	X	2.022	2.022	0 %100
160	M108	Z	1.168	1.168	0 %100
161	M109	X	2.17	2.17	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
162	M109	Z	1.253	1.253	0 %100
163	M110	X	2.17	2.17	0 %100
164	M110	Z	1.253	1.253	0 %100
165	M111	X	1.495	1.495	0 %100
166	M111	Z	.863	.863	0 %100
167	M112	X	2.022	2.022	0 %100
168	M112	Z	1.168	1.168	0 %100
169	M113	X	2.17	2.17	0 %100
170	M113	Z	1.253	1.253	0 %100
171	M114	X	2.17	2.17	0 %100
172	M114	Z	1.253	1.253	0 %100
173	M115	X	1.495	1.495	0 %100
174	M115	Z	.863	.863	0 %100
175	M116	X	2.022	2.022	0 %100
176	M116	Z	1.168	1.168	0 %100
177	M117	X	.252	.252	0 %100
178	M117	Z	.145	.145	0 %100
179	M118	X	.59	.59	0 %100
180	M118	Z	.341	.341	0 %100
181	M119	X	.252	.252	0 %100
182	M119	Z	.145	.145	0 %100
183	M120	X	2.17	2.17	0 %100
184	M120	Z	1.253	1.253	0 %100
185	M121	X	2.17	2.17	0 %100
186	M121	Z	1.253	1.253	0 %100
187	M122	X	2.022	2.022	0 %100
188	M122	Z	1.168	1.168	0 %100
189	M123	X	2.17	2.17	0 %100
190	M123	Z	1.253	1.253	0 %100
191	M124	X	2.17	2.17	0 %100
192	M124	Z	1.253	1.253	0 %100
193	M125	X	2.022	2.022	0 %100
194	M125	Z	1.168	1.168	0 %100
195	M126	X	2.17	2.17	0 %100
196	M126	Z	1.253	1.253	0 %100
197	M127	X	2.17	2.17	0 %100
198	M127	Z	1.253	1.253	0 %100
199	M128	X	2.022	2.022	0 %100
200	M128	Z	1.168	1.168	0 %100
201	M129	X	1.495	1.495	0 %100
202	M129	Z	.863	.863	0 %100
203	M130	X	1.495	1.495	0 %100
204	M130	Z	.863	.863	0 %100
205	MP1A	X	2.656	2.656	0 %100
206	MP1A	Z	1.534	1.534	0 %100
207	MP4A	X	2.656	2.656	0 %100
208	MP4A	Z	1.534	1.534	0 %100
209	MP2A	X	2.867	2.867	0 %100
210	MP2A	Z	1.655	1.655	0 %100
211	MP3A	X	2.867	2.867	0 %100
212	MP3A	Z	1.655	1.655	0 %100
213	MP1C	X	2.656	2.656	0 %100
214	MP1C	Z	1.534	1.534	0 %100
215	MP4C	X	2.656	2.656	0 %100
216	MP4C	Z	1.534	1.534	0 %100
217	MP2C	X	2.867	2.867	0 %100
218	MP2C	Z	1.655	1.655	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
219	MP3C	X	2.867	2.867	0	%100
220	MP3C	Z	1.655	1.655	0	%100
221	MP1B	X	2.656	2.656	0	%100
222	MP1B	Z	1.534	1.534	0	%100
223	MP4B	X	2.656	2.656	0	%100
224	MP4B	Z	1.534	1.534	0	%100
225	MP2B	X	2.867	2.867	0	%100
226	MP2B	Z	1.655	1.655	0	%100
227	MP3B	X	2.867	2.867	0	%100
228	MP3B	Z	1.655	1.655	0	%100
229	M163	X	2.405	2.405	0	%100
230	M163	Z	1.389	1.389	0	%100
231	M164	X	.001	.001	0	%100
232	M164	Z	.000673	.000673	0	%100
233	M165	X	2.3	2.3	0	%100
234	M165	Z	1.328	1.328	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M51	X	1.359	1.359	0	%100
2	M51	Z	2.353	2.353	0	%100
3	M54	X	1.359	1.359	0	%100
4	M54	Z	2.353	2.353	0	%100
5	M89B	X	1.528	1.528	0	%100
6	M89B	Z	2.647	2.647	0	%100
7	M90A	X	1.139	1.139	0	%100
8	M90A	Z	1.972	1.972	0	%100
9	M89C	X	1.528	1.528	0	%100
10	M89C	Z	2.647	2.647	0	%100
11	M90C	X	.003	.003	0	%100
12	M90C	Z	.005	.005	0	%100
13	M87C	X	.486	.486	0	%100
14	M87C	Z	.842	.842	0	%100
15	M88C	X	.001	.001	0	%100
16	M88C	Z	.002	.002	0	%100
17	M89D	X	1.139	1.139	0	%100
18	M89D	Z	1.972	1.972	0	%100
19	M90B	X	.888	.888	0	%100
20	M90B	Z	1.537	1.537	0	%100
21	M91A	X	.888	.888	0	%100
22	M91A	Z	1.537	1.537	0	%100
23	M92A	X	1.168	1.168	0	%100
24	M92A	Z	2.022	2.022	0	%100
25	M86A	X	.888	.888	0	%100
26	M86A	Z	1.537	1.537	0	%100
27	M87D	X	.888	.888	0	%100
28	M87D	Z	1.537	1.537	0	%100
29	M87E	X	1.108	1.108	0	%100
30	M87E	Z	1.92	1.92	0	%100
31	M88D	X	1.168	1.168	0	%100
32	M88D	Z	2.022	2.022	0	%100
33	M89A	X	.888	.888	0	%100
34	M89A	Z	1.537	1.537	0	%100
35	M90	X	.888	.888	0	%100
36	M90	Z	1.537	1.537	0	%100
37	M91	X	1.108	1.108	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
38	M91	Z	1.92	1.92	0 %100
39	M92	X	1.168	1.168	0 %100
40	M92	Z	2.022	2.022	0 %100
41	M82A	X	.486	.486	0 %100
42	M82A	Z	.842	.842	0 %100
43	M83A	X	.003	.003	0 %100
44	M83A	Z	.005	.005	0 %100
45	M84A	X	.001	.001	0 %100
46	M84A	Z	.002	.002	0 %100
47	M85A	X	.888	.888	0 %100
48	M85A	Z	1.537	1.537	0 %100
49	M86B	X	.888	.888	0 %100
50	M86B	Z	1.537	1.537	0 %100
51	M87F	X	1.168	1.168	0 %100
52	M87F	Z	2.022	2.022	0 %100
53	M88E	X	.888	.888	0 %100
54	M88E	Z	1.537	1.537	0 %100
55	M89E	X	.888	.888	0 %100
56	M89E	Z	1.537	1.537	0 %100
57	M90D	X	1.168	1.168	0 %100
58	M90D	Z	2.022	2.022	0 %100
59	M91B	X	.888	.888	0 %100
60	M91B	Z	1.537	1.537	0 %100
61	M92B	X	.888	.888	0 %100
62	M92B	Z	1.537	1.537	0 %100
63	M93	X	1.168	1.168	0 %100
64	M93	Z	2.022	2.022	0 %100
65	M94	X	.76	.76	0 %100
66	M94	Z	1.316	1.316	0 %100
67	M95	X	.76	.76	0 %100
68	M95	Z	1.316	1.316	0 %100
69	M47	X	0	0	0 %100
70	M47	Z	0	0	0 %100
71	M48	X	0	0	0 %100
72	M48	Z	0	0	0 %100
73	M51A	X	1.528	1.528	0 %100
74	M51A	Z	2.647	2.647	0 %100
75	M52	X	1.262	1.262	0 %100
76	M52	Z	2.186	2.186	0 %100
77	M55	X	1.528	1.528	0 %100
78	M55	Z	2.647	2.647	0 %100
79	M56	X	1.262	1.262	0 %100
80	M56	Z	2.186	2.186	0 %100
81	M57	X	.539	.539	0 %100
82	M57	Z	.933	.933	0 %100
83	M58	X	.539	.539	0 0
84	M58	Z	.933	.933	0 0
85	M59	X	1.262	1.262	0 %100
86	M59	Z	2.186	2.186	0 %100
87	M60	X	.888	.888	0 %100
88	M60	Z	1.537	1.537	0 %100
89	M61	X	.888	.888	0 %100
90	M61	Z	1.537	1.537	0 %100
91	M62	X	1.168	1.168	0 %100
92	M62	Z	2.022	2.022	0 %100
93	M63	X	.888	.888	0 %100
94	M63	Z	1.537	1.537	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
95	M64	X	.888	.888	0	%100
96	M64	Z	1.537	1.537	0	%100
97	M65	X	1.146	1.146	0	%100
98	M65	Z	1.985	1.985	0	%100
99	M66	X	1.168	1.168	0	%100
100	M66	Z	2.022	2.022	0	%100
101	M67	X	.888	.888	0	%100
102	M67	Z	1.537	1.537	0	%100
103	M68	X	.888	.888	0	%100
104	M68	Z	1.537	1.537	0	%100
105	M69	X	1.146	1.146	0	%100
106	M69	Z	1.985	1.985	0	%100
107	M70	X	1.168	1.168	0	%100
108	M70	Z	2.022	2.022	0	%100
109	M71	X	.539	.539	0	%100
110	M71	Z	.933	.933	0	%100
111	M72	X	1.262	1.262	0	%100
112	M72	Z	2.186	2.186	0	%100
113	M73	X	.539	.539	0	%100
114	M73	Z	.933	.933	0	%100
115	M74	X	.888	.888	0	%100
116	M74	Z	1.537	1.537	0	%100
117	M75	X	.888	.888	0	%100
118	M75	Z	1.537	1.537	0	%100
119	M76	X	1.168	1.168	0	%100
120	M76	Z	2.022	2.022	0	%100
121	M77	X	.888	.888	0	%100
122	M77	Z	1.537	1.537	0	%100
123	M78	X	.888	.888	0	%100
124	M78	Z	1.537	1.537	0	%100
125	M79	X	1.168	1.168	0	%100
126	M79	Z	2.022	2.022	0	%100
127	M80	X	.888	.888	0	%100
128	M80	Z	1.537	1.537	0	%100
129	M81	X	.888	.888	0	%100
130	M81	Z	1.537	1.537	0	%100
131	M82	X	1.168	1.168	0	%100
132	M82	Z	2.022	2.022	0	%100
133	M83	X	1.146	1.146	0	%100
134	M83	Z	1.985	1.985	0	%100
135	M84	X	1.146	1.146	0	%100
136	M84	Z	1.985	1.985	0	%100
137	M93A	X	1.359	1.359	0	%100
138	M93A	Z	2.353	2.353	0	%100
139	M94A	X	1.359	1.359	0	%100
140	M94A	Z	2.353	2.353	0	%100
141	M97	X	1.528	1.528	0	%100
142	M97	Z	2.647	2.647	0	%100
143	M98	X	.003	.003	0	%100
144	M98	Z	.005	.005	0	%100
145	M101	X	1.528	1.528	0	%100
146	M101	Z	2.647	2.647	0	%100
147	M102	X	1.139	1.139	0	%100
148	M102	Z	1.972	1.972	0	%100
149	M103	X	.001	.001	0	0
150	M103	Z	.002	.002	0	0
151	M104	X	.486	.486	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
152	M104	Z	.842	.842	0 %100
153	M105	X	.003	.003	0 %100
154	M105	Z	.005	.005	0 %100
155	M106	X	.888	.888	0 %100
156	M106	Z	1.537	1.537	0 %100
157	M107	X	.888	.888	0 %100
158	M107	Z	1.537	1.537	0 %100
159	M108	X	1.168	1.168	0 %100
160	M108	Z	2.022	2.022	0 %100
161	M109	X	.888	.888	0 %100
162	M109	Z	1.537	1.537	0 %100
163	M110	X	.888	.888	0 %100
164	M110	Z	1.537	1.537	0 %100
165	M111	X	.76	.76	0 %100
166	M111	Z	1.316	1.316	0 %100
167	M112	X	1.168	1.168	0 %100
168	M112	Z	2.022	2.022	0 %100
169	M113	X	.888	.888	0 %100
170	M113	Z	1.537	1.537	0 %100
171	M114	X	.888	.888	0 %100
172	M114	Z	1.537	1.537	0 %100
173	M115	X	.76	.76	0 %100
174	M115	Z	1.316	1.316	0 %100
175	M116	X	1.168	1.168	0 %100
176	M116	Z	2.022	2.022	0 %100
177	M117	X	.001	.001	0 %100
178	M117	Z	.002	.002	0 %100
179	M118	X	1.139	1.139	0 %100
180	M118	Z	1.972	1.972	0 %100
181	M119	X	.486	.486	0 %100
182	M119	Z	.842	.842	0 %100
183	M120	X	.888	.888	0 %100
184	M120	Z	1.537	1.537	0 %100
185	M121	X	.888	.888	0 %100
186	M121	Z	1.537	1.537	0 %100
187	M122	X	1.168	1.168	0 %100
188	M122	Z	2.022	2.022	0 %100
189	M123	X	.888	.888	0 %100
190	M123	Z	1.537	1.537	0 %100
191	M124	X	.888	.888	0 %100
192	M124	Z	1.537	1.537	0 %100
193	M125	X	1.168	1.168	0 %100
194	M125	Z	2.022	2.022	0 %100
195	M126	X	.888	.888	0 %100
196	M126	Z	1.537	1.537	0 %100
197	M127	X	.888	.888	0 %100
198	M127	Z	1.537	1.537	0 %100
199	M128	X	1.168	1.168	0 %100
200	M128	Z	2.022	2.022	0 %100
201	M129	X	1.108	1.108	0 %100
202	M129	Z	1.92	1.92	0 %100
203	M130	X	1.108	1.108	0 %100
204	M130	Z	1.92	1.92	0 %100
205	MP1A	X	1.534	1.534	0 %100
206	MP1A	Z	2.656	2.656	0 %100
207	MP4A	X	1.534	1.534	0 %100
208	MP4A	Z	2.656	2.656	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in.%,]	End Location[in.%,]
209	MP2A	X	1.655	1.655	0	%100
210	MP2A	Z	2.867	2.867	0	%100
211	MP3A	X	1.655	1.655	0	%100
212	MP3A	Z	2.867	2.867	0	%100
213	MP1C	X	1.534	1.534	0	%100
214	MP1C	Z	2.656	2.656	0	%100
215	MP4C	X	1.534	1.534	0	%100
216	MP4C	Z	2.656	2.656	0	%100
217	MP2C	X	1.655	1.655	0	%100
218	MP2C	Z	2.867	2.867	0	%100
219	MP3C	X	1.655	1.655	0	%100
220	MP3C	Z	2.867	2.867	0	%100
221	MP1B	X	1.534	1.534	0	%100
222	MP1B	Z	2.656	2.656	0	%100
223	MP4B	X	1.534	1.534	0	%100
224	MP4B	Z	2.656	2.656	0	%100
225	MP2B	X	1.655	1.655	0	%100
226	MP2B	Z	2.867	2.867	0	%100
227	MP3B	X	1.655	1.655	0	%100
228	MP3B	Z	2.867	2.867	0	%100
229	M163	X	1.811	1.811	0	%100
230	M163	Z	3.136	3.136	0	%100
231	M164	X	.483	.483	0	%100
232	M164	Z	.837	.837	0	%100
233	M165	X	.423	.423	0	%100
234	M165	Z	.733	.733	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
1	M51	X	0	0	0	%100
2	M51	Z	3.623	3.623	0	%100
3	M54	X	0	0	0	%100
4	M54	Z	3.623	3.623	0	%100
5	M89B	X	0	0	0	%100
6	M89B	Z	3.057	3.057	0	%100
7	M90A	X	0	0	0	%100
8	M90A	Z	.681	.681	0	%100
9	M89C	X	0	0	0	%100
10	M89C	Z	3.057	3.057	0	%100
11	M90C	X	0	0	0	%100
12	M90C	Z	.681	.681	0	%100
13	M87C	X	0	0	0	%100
14	M87C	Z	.291	.291	0	%100
15	M88C	X	0	0	0	%100
16	M88C	Z	.291	.291	0	%100
17	M89D	X	0	0	0	%100
18	M89D	Z	.681	.681	0	%100
19	M90B	X	0	0	0	%100
20	M90B	Z	1.41	1.41	0	%100
21	M91A	X	0	0	0	%100
22	M91A	Z	1.41	1.41	0	%100
23	M92A	X	0	0	0	%100
24	M92A	Z	2.335	2.335	0	%100
25	M86A	X	0	0	0	%100
26	M86A	Z	1.41	1.41	0	%100
27	M87D	X	0	0	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
28	M87D	Z	1.41	1.41	0	%100
29	M87E	X	0	0	0	%100
30	M87E	Z	1.726	1.726	0	%100
31	M88D	X	0	0	0	%100
32	M88D	Z	2.335	2.335	0	%100
33	M89A	X	0	0	0	%100
34	M89A	Z	1.41	1.41	0	%100
35	M90	X	0	0	0	%100
36	M90	Z	1.41	1.41	0	%100
37	M91	X	0	0	0	%100
38	M91	Z	1.726	1.726	0	%100
39	M92	X	0	0	0	%100
40	M92	Z	2.335	2.335	0	%100
41	M82A	X	0	0	0	%100
42	M82A	Z	.291	.291	0	%100
43	M83A	X	0	0	0	%100
44	M83A	Z	.681	.681	0	%100
45	M84A	X	0	0	0	%100
46	M84A	Z	.291	.291	0	%100
47	M85A	X	0	0	0	%100
48	M85A	Z	1.41	1.41	0	%100
49	M86B	X	0	0	0	%100
50	M86B	Z	1.41	1.41	0	%100
51	M87F	X	0	0	0	%100
52	M87F	Z	2.335	2.335	0	%100
53	M88E	X	0	0	0	%100
54	M88E	Z	1.41	1.41	0	%100
55	M89E	X	0	0	0	%100
56	M89E	Z	1.41	1.41	0	%100
57	M90D	X	0	0	0	%100
58	M90D	Z	2.335	2.335	0	%100
59	M91B	X	0	0	0	%100
60	M91B	Z	1.41	1.41	0	%100
61	M92B	X	0	0	0	%100
62	M92B	Z	1.41	1.41	0	%100
63	M93	X	0	0	0	%100
64	M93	Z	2.335	2.335	0	%100
65	M94	X	0	0	0	%100
66	M94	Z	1.726	1.726	0	%100
67	M95	X	0	0	0	%100
68	M95	Z	1.726	1.726	0	%100
69	M47	X	0	0	0	%100
70	M47	Z	.906	.906	0	%100
71	M48	X	0	0	0	%100
72	M48	Z	.906	.906	0	%100
73	M51A	X	0	0	0	%100
74	M51A	Z	3.057	3.057	0	%100
75	M52	X	0	0	0	%100
76	M52	Z	3.199	3.199	0	%100
77	M55	X	0	0	0	%100
78	M55	Z	3.057	3.057	0	%100
79	M56	X	0	0	0	%100
80	M56	Z	.928	.928	0	%100
81	M57	X	0	0	0	%100
82	M57	Z	1.366	1.366	0	%100
83	M58	X	0	0	0	0
84	M58	Z	.396	.396	0	0



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
85	M59	X	0	0	0	%100
86	M59	Z	3.199	3.199	0	%100
87	M60	X	0	0	0	%100
88	M60	Z	1.41	1.41	0	%100
89	M61	X	0	0	0	%100
90	M61	Z	1.41	1.41	0	%100
91	M62	X	0	0	0	%100
92	M62	Z	2.335	2.335	0	%100
93	M63	X	0	0	0	%100
94	M63	Z	1.41	1.41	0	%100
95	M64	X	0	0	0	%100
96	M64	Z	1.41	1.41	0	%100
97	M65	X	0	0	0	%100
98	M65	Z	2.5	2.5	0	%100
99	M66	X	0	0	0	%100
100	M66	Z	2.335	2.335	0	%100
101	M67	X	0	0	0	%100
102	M67	Z	1.41	1.41	0	%100
103	M68	X	0	0	0	%100
104	M68	Z	1.41	1.41	0	%100
105	M69	X	0	0	0	%100
106	M69	Z	2.5	2.5	0	%100
107	M70	X	0	0	0	%100
108	M70	Z	2.335	2.335	0	%100
109	M71	X	0	0	0	%100
110	M71	Z	1.366	1.366	0	%100
111	M72	X	0	0	0	%100
112	M72	Z	.928	.928	0	%100
113	M73	X	0	0	0	%100
114	M73	Z	.396	.396	0	%100
115	M74	X	0	0	0	%100
116	M74	Z	1.41	1.41	0	%100
117	M75	X	0	0	0	%100
118	M75	Z	1.41	1.41	0	%100
119	M76	X	0	0	0	%100
120	M76	Z	2.335	2.335	0	%100
121	M77	X	0	0	0	%100
122	M77	Z	1.41	1.41	0	%100
123	M78	X	0	0	0	%100
124	M78	Z	1.41	1.41	0	%100
125	M79	X	0	0	0	%100
126	M79	Z	2.335	2.335	0	%100
127	M80	X	0	0	0	%100
128	M80	Z	1.41	1.41	0	%100
129	M81	X	0	0	0	%100
130	M81	Z	1.41	1.41	0	%100
131	M82	X	0	0	0	%100
132	M82	Z	2.335	2.335	0	%100
133	M83	X	0	0	0	%100
134	M83	Z	1.802	1.802	0	%100
135	M84	X	0	0	0	%100
136	M84	Z	1.802	1.802	0	%100
137	M93A	X	0	0	0	%100
138	M93A	Z	.906	.906	0	%100
139	M94A	X	0	0	0	%100
140	M94A	Z	.906	.906	0	%100
141	M97	X	0	0	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
142	M97	Z	3.057	3.057	0 %100
143	M98	X	0	0	0 %100
144	M98	Z	.928	.928	0 %100
145	M101	X	0	0	0 %100
146	M101	Z	3.057	3.057	0 %100
147	M102	X	0	0	0 %100
148	M102	Z	3.199	3.199	0 %100
149	M103	X	0	0	0 0
150	M103	Z	.396	.396	0 0
151	M104	X	0	0	0 %100
152	M104	Z	1.366	1.366	0 %100
153	M105	X	0	0	0 %100
154	M105	Z	.928	.928	0 %100
155	M106	X	0	0	0 %100
156	M106	Z	1.41	1.41	0 %100
157	M107	X	0	0	0 %100
158	M107	Z	1.41	1.41	0 %100
159	M108	X	0	0	0 %100
160	M108	Z	2.335	2.335	0 %100
161	M109	X	0	0	0 %100
162	M109	Z	1.41	1.41	0 %100
163	M110	X	0	0	0 %100
164	M110	Z	1.41	1.41	0 %100
165	M111	X	0	0	0 %100
166	M111	Z	1.802	1.802	0 %100
167	M112	X	0	0	0 %100
168	M112	Z	2.335	2.335	0 %100
169	M113	X	0	0	0 %100
170	M113	Z	1.41	1.41	0 %100
171	M114	X	0	0	0 %100
172	M114	Z	1.41	1.41	0 %100
173	M115	X	0	0	0 %100
174	M115	Z	1.802	1.802	0 %100
175	M116	X	0	0	0 %100
176	M116	Z	2.335	2.335	0 %100
177	M117	X	0	0	0 %100
178	M117	Z	.396	.396	0 %100
179	M118	X	0	0	0 %100
180	M118	Z	3.199	3.199	0 %100
181	M119	X	0	0	0 %100
182	M119	Z	1.366	1.366	0 %100
183	M120	X	0	0	0 %100
184	M120	Z	1.41	1.41	0 %100
185	M121	X	0	0	0 %100
186	M121	Z	1.41	1.41	0 %100
187	M122	X	0	0	0 %100
188	M122	Z	2.335	2.335	0 %100
189	M123	X	0	0	0 %100
190	M123	Z	1.41	1.41	0 %100
191	M124	X	0	0	0 %100
192	M124	Z	1.41	1.41	0 %100
193	M125	X	0	0	0 %100
194	M125	Z	2.335	2.335	0 %100
195	M126	X	0	0	0 %100
196	M126	Z	1.41	1.41	0 %100
197	M127	X	0	0	0 %100
198	M127	Z	1.41	1.41	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
199	M128	X	0	0	0	%100
200	M128	Z	2.335	2.335	0	%100
201	M129	X	0	0	0	%100
202	M129	Z	2.5	2.5	0	%100
203	M130	X	0	0	0	%100
204	M130	Z	2.5	2.5	0	%100
205	MP1A	X	0	0	0	%100
206	MP1A	Z	3.067	3.067	0	%100
207	MP4A	X	0	0	0	%100
208	MP4A	Z	3.067	3.067	0	%100
209	MP2A	X	0	0	0	%100
210	MP2A	Z	3.311	3.311	0	%100
211	MP3A	X	0	0	0	%100
212	MP3A	Z	3.311	3.311	0	%100
213	MP1C	X	0	0	0	%100
214	MP1C	Z	3.067	3.067	0	%100
215	MP4C	X	0	0	0	%100
216	MP4C	Z	3.067	3.067	0	%100
217	MP2C	X	0	0	0	%100
218	MP2C	Z	3.311	3.311	0	%100
219	MP3C	X	0	0	0	%100
220	MP3C	Z	3.311	3.311	0	%100
221	MP1B	X	0	0	0	%100
222	MP1B	Z	3.067	3.067	0	%100
223	MP4B	X	0	0	0	%100
224	MP4B	Z	3.067	3.067	0	%100
225	MP2B	X	0	0	0	%100
226	MP2B	Z	3.311	3.311	0	%100
227	MP3B	X	0	0	0	%100
228	MP3B	Z	3.311	3.311	0	%100
229	M163	X	0	0	0	%100
230	M163	Z	2.656	2.656	0	%100
231	M164	X	0	0	0	%100
232	M164	Z	2.777	2.777	0	%100
233	M165	X	0	0	0	%100
234	M165	Z	.001	.001	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M51	X	-1.359	-1.359	0	%100
2	M51	Z	2.353	2.353	0	%100
3	M54	X	-1.359	-1.359	0	%100
4	M54	Z	2.353	2.353	0	%100
5	M89B	X	-1.528	-1.528	0	%100
6	M89B	Z	2.647	2.647	0	%100
7	M90A	X	-.003	-.003	0	%100
8	M90A	Z	.005	.005	0	%100
9	M89C	X	-1.528	-1.528	0	%100
10	M89C	Z	2.647	2.647	0	%100
11	M90C	X	-1.139	-1.139	0	%100
12	M90C	Z	1.972	1.972	0	%100
13	M87C	X	-.001	-.001	0	%100
14	M87C	Z	.002	.002	0	%100
15	M88C	X	-.486	-.486	0	%100
16	M88C	Z	.842	.842	0	%100
17	M89D	X	-.003	-.003	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
18	M89D	Z	.005	.005	0	%100
19	M90B	X	-.888	-.888	0	%100
20	M90B	Z	1.537	1.537	0	%100
21	M91A	X	-.888	-.888	0	%100
22	M91A	Z	1.537	1.537	0	%100
23	M92A	X	-1.168	-1.168	0	%100
24	M92A	Z	2.022	2.022	0	%100
25	M86A	X	-.888	-.888	0	%100
26	M86A	Z	1.537	1.537	0	%100
27	M87D	X	-.888	-.888	0	%100
28	M87D	Z	1.537	1.537	0	%100
29	M87E	X	-.76	-.76	0	%100
30	M87E	Z	1.316	1.316	0	%100
31	M88D	X	-1.168	-1.168	0	%100
32	M88D	Z	2.022	2.022	0	%100
33	M89A	X	-.888	-.888	0	%100
34	M89A	Z	1.537	1.537	0	%100
35	M90	X	-.888	-.888	0	%100
36	M90	Z	1.537	1.537	0	%100
37	M91	X	-.76	-.76	0	%100
38	M91	Z	1.316	1.316	0	%100
39	M92	X	-1.168	-1.168	0	%100
40	M92	Z	2.022	2.022	0	%100
41	M82A	X	-.001	-.001	0	%100
42	M82A	Z	.002	.002	0	%100
43	M83A	X	-1.139	-1.139	0	%100
44	M83A	Z	1.972	1.972	0	%100
45	M84A	X	-.486	-.486	0	%100
46	M84A	Z	.842	.842	0	%100
47	M85A	X	-.888	-.888	0	%100
48	M85A	Z	1.537	1.537	0	%100
49	M86B	X	-.888	-.888	0	%100
50	M86B	Z	1.537	1.537	0	%100
51	M87F	X	-1.168	-1.168	0	%100
52	M87F	Z	2.022	2.022	0	%100
53	M88E	X	-.888	-.888	0	%100
54	M88E	Z	1.537	1.537	0	%100
55	M89E	X	-.888	-.888	0	%100
56	M89E	Z	1.537	1.537	0	%100
57	M90D	X	-1.168	-1.168	0	%100
58	M90D	Z	2.022	2.022	0	%100
59	M91B	X	-.888	-.888	0	%100
60	M91B	Z	1.537	1.537	0	%100
61	M92B	X	-.888	-.888	0	%100
62	M92B	Z	1.537	1.537	0	%100
63	M93	X	-1.168	-1.168	0	%100
64	M93	Z	2.022	2.022	0	%100
65	M94	X	-1.108	-1.108	0	%100
66	M94	Z	1.92	1.92	0	%100
67	M95	X	-1.108	-1.108	0	%100
68	M95	Z	1.92	1.92	0	%100
69	M47	X	-1.359	-1.359	0	%100
70	M47	Z	2.353	2.353	0	%100
71	M48	X	-1.359	-1.359	0	%100
72	M48	Z	2.353	2.353	0	%100
73	M51A	X	-1.528	-1.528	0	%100
74	M51A	Z	2.647	2.647	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
75	M52	X	-1.139	-1.139	0 %100
76	M52	Z	1.972	1.972	0 %100
77	M55	X	-1.528	-1.528	0 %100
78	M55	Z	2.647	2.647	0 %100
79	M56	X	-.003	-.003	0 %100
80	M56	Z	.005	.005	0 %100
81	M57	X	-.486	-.486	0 %100
82	M57	Z	.842	.842	0 %100
83	M58	X	-.001	-.001	0 0
84	M58	Z	.002	.002	0 0
85	M59	X	-1.139	-1.139	0 %100
86	M59	Z	1.972	1.972	0 %100
87	M60	X	-.888	-.888	0 %100
88	M60	Z	1.537	1.537	0 %100
89	M61	X	-.888	-.888	0 %100
90	M61	Z	1.537	1.537	0 %100
91	M62	X	-1.168	-1.168	0 %100
92	M62	Z	2.022	2.022	0 %100
93	M63	X	-.888	-.888	0 %100
94	M63	Z	1.537	1.537	0 %100
95	M64	X	-.888	-.888	0 %100
96	M64	Z	1.537	1.537	0 %100
97	M65	X	-1.108	-1.108	0 %100
98	M65	Z	1.92	1.92	0 %100
99	M66	X	-1.168	-1.168	0 %100
100	M66	Z	2.022	2.022	0 %100
101	M67	X	-.888	-.888	0 %100
102	M67	Z	1.537	1.537	0 %100
103	M68	X	-.888	-.888	0 %100
104	M68	Z	1.537	1.537	0 %100
105	M69	X	-1.108	-1.108	0 %100
106	M69	Z	1.92	1.92	0 %100
107	M70	X	-1.168	-1.168	0 %100
108	M70	Z	2.022	2.022	0 %100
109	M71	X	-.486	-.486	0 %100
110	M71	Z	.842	.842	0 %100
111	M72	X	-.003	-.003	0 %100
112	M72	Z	.005	.005	0 %100
113	M73	X	-.001	-.001	0 %100
114	M73	Z	.002	.002	0 %100
115	M74	X	-.888	-.888	0 %100
116	M74	Z	1.537	1.537	0 %100
117	M75	X	-.888	-.888	0 %100
118	M75	Z	1.537	1.537	0 %100
119	M76	X	-1.168	-1.168	0 %100
120	M76	Z	2.022	2.022	0 %100
121	M77	X	-.888	-.888	0 %100
122	M77	Z	1.537	1.537	0 %100
123	M78	X	-.888	-.888	0 %100
124	M78	Z	1.537	1.537	0 %100
125	M79	X	-1.168	-1.168	0 %100
126	M79	Z	2.022	2.022	0 %100
127	M80	X	-.888	-.888	0 %100
128	M80	Z	1.537	1.537	0 %100
129	M81	X	-.888	-.888	0 %100
130	M81	Z	1.537	1.537	0 %100
131	M82	X	-1.168	-1.168	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
132	M82	Z	2.022	2.022	0 %100
133	M83	X	-.76	-.76	0 %100
134	M83	Z	1.316	1.316	0 %100
135	M84	X	-.76	-.76	0 %100
136	M84	Z	1.316	1.316	0 %100
137	M93A	X	0	0	0 %100
138	M93A	Z	0	0	0 %100
139	M94A	X	0	0	0 %100
140	M94A	Z	0	0	0 %100
141	M97	X	-1.528	-1.528	0 %100
142	M97	Z	2.647	2.647	0 %100
143	M98	X	-1.262	-1.262	0 %100
144	M98	Z	2.186	2.186	0 %100
145	M101	X	-1.528	-1.528	0 %100
146	M101	Z	2.647	2.647	0 %100
147	M102	X	-1.262	-1.262	0 %100
148	M102	Z	2.186	2.186	0 %100
149	M103	X	-.539	-.539	0 0
150	M103	Z	.933	.933	0 0
151	M104	X	-.539	-.539	0 %100
152	M104	Z	.933	.933	0 %100
153	M105	X	-1.262	-1.262	0 %100
154	M105	Z	2.186	2.186	0 %100
155	M106	X	-.888	-.888	0 %100
156	M106	Z	1.537	1.537	0 %100
157	M107	X	-.888	-.888	0 %100
158	M107	Z	1.537	1.537	0 %100
159	M108	X	-1.168	-1.168	0 %100
160	M108	Z	2.022	2.022	0 %100
161	M109	X	-.888	-.888	0 %100
162	M109	Z	1.537	1.537	0 %100
163	M110	X	-.888	-.888	0 %100
164	M110	Z	1.537	1.537	0 %100
165	M111	X	-1.146	-1.146	0 %100
166	M111	Z	1.985	1.985	0 %100
167	M112	X	-1.168	-1.168	0 %100
168	M112	Z	2.022	2.022	0 %100
169	M113	X	-.888	-.888	0 %100
170	M113	Z	1.537	1.537	0 %100
171	M114	X	-.888	-.888	0 %100
172	M114	Z	1.537	1.537	0 %100
173	M115	X	-1.146	-1.146	0 %100
174	M115	Z	1.985	1.985	0 %100
175	M116	X	-1.168	-1.168	0 %100
176	M116	Z	2.022	2.022	0 %100
177	M117	X	-.539	-.539	0 %100
178	M117	Z	.933	.933	0 %100
179	M118	X	-1.262	-1.262	0 %100
180	M118	Z	2.186	2.186	0 %100
181	M119	X	-.539	-.539	0 %100
182	M119	Z	.933	.933	0 %100
183	M120	X	-.888	-.888	0 %100
184	M120	Z	1.537	1.537	0 %100
185	M121	X	-.888	-.888	0 %100
186	M121	Z	1.537	1.537	0 %100
187	M122	X	-1.168	-1.168	0 %100
188	M122	Z	2.022	2.022	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
189	M123	X	- .888	- .888	0	%100
190	M123	Z	1.537	1.537	0	%100
191	M124	X	- .888	- .888	0	%100
192	M124	Z	1.537	1.537	0	%100
193	M125	X	-1.168	-1.168	0	%100
194	M125	Z	2.022	2.022	0	%100
195	M126	X	- .888	- .888	0	%100
196	M126	Z	1.537	1.537	0	%100
197	M127	X	- .888	- .888	0	%100
198	M127	Z	1.537	1.537	0	%100
199	M128	X	-1.168	-1.168	0	%100
200	M128	Z	2.022	2.022	0	%100
201	M129	X	-1.146	-1.146	0	%100
202	M129	Z	1.985	1.985	0	%100
203	M130	X	-1.146	-1.146	0	%100
204	M130	Z	1.985	1.985	0	%100
205	MP1A	X	-1.534	-1.534	0	%100
206	MP1A	Z	2.656	2.656	0	%100
207	MP4A	X	-1.534	-1.534	0	%100
208	MP4A	Z	2.656	2.656	0	%100
209	MP2A	X	-1.655	-1.655	0	%100
210	MP2A	Z	2.867	2.867	0	%100
211	MP3A	X	-1.655	-1.655	0	%100
212	MP3A	Z	2.867	2.867	0	%100
213	MP1C	X	-1.534	-1.534	0	%100
214	MP1C	Z	2.656	2.656	0	%100
215	MP4C	X	-1.534	-1.534	0	%100
216	MP4C	Z	2.656	2.656	0	%100
217	MP2C	X	-1.655	-1.655	0	%100
218	MP2C	Z	2.867	2.867	0	%100
219	MP3C	X	-1.655	-1.655	0	%100
220	MP3C	Z	2.867	2.867	0	%100
221	MP1B	X	-1.534	-1.534	0	%100
222	MP1B	Z	2.656	2.656	0	%100
223	MP4B	X	-1.534	-1.534	0	%100
224	MP4B	Z	2.656	2.656	0	%100
225	MP2B	X	-1.655	-1.655	0	%100
226	MP2B	Z	2.867	2.867	0	%100
227	MP3B	X	-1.655	-1.655	0	%100
228	MP3B	Z	2.867	2.867	0	%100
229	M163	X	- .423	- .423	0	%100
230	M163	Z	.733	.733	0	%100
231	M164	X	-1.811	-1.811	0	%100
232	M164	Z	3.136	3.136	0	%100
233	M165	X	- .483	- .483	0	%100
234	M165	Z	.837	.837	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M51	X	- .784	- .784	0	%100
2	M51	Z	.453	.453	0	%100
3	M54	X	- .784	- .784	0	%100
4	M54	Z	.453	.453	0	%100
5	M89B	X	-2.647	-2.647	0	%100
6	M89B	Z	1.528	1.528	0	%100
7	M90A	X	- .803	- .803	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
8	M90A	Z	.464	.464	0 %100
9	M89C	X	-2.647	-2.647	0 %100
10	M89C	Z	1.528	1.528	0 %100
11	M90C	X	-2.77	-2.77	0 %100
12	M90C	Z	1.599	1.599	0 %100
13	M87C	X	-.343	-.343	0 %100
14	M87C	Z	.198	.198	0 %100
15	M88C	X	-1.183	-1.183	0 %100
16	M88C	Z	.683	.683	0 %100
17	M89D	X	-.803	-.803	0 %100
18	M89D	Z	.464	.464	0 %100
19	M90B	X	-2.17	-2.17	0 %100
20	M90B	Z	1.253	1.253	0 %100
21	M91A	X	-2.17	-2.17	0 %100
22	M91A	Z	1.253	1.253	0 %100
23	M92A	X	-2.022	-2.022	0 %100
24	M92A	Z	1.168	1.168	0 %100
25	M86A	X	-2.17	-2.17	0 %100
26	M86A	Z	1.253	1.253	0 %100
27	M87D	X	-2.17	-2.17	0 %100
28	M87D	Z	1.253	1.253	0 %100
29	M87E	X	-1.561	-1.561	0 %100
30	M87E	Z	.901	.901	0 %100
31	M88D	X	-2.022	-2.022	0 %100
32	M88D	Z	1.168	1.168	0 %100
33	M89A	X	-2.17	-2.17	0 %100
34	M89A	Z	1.253	1.253	0 %100
35	M90	X	-2.17	-2.17	0 %100
36	M90	Z	1.253	1.253	0 %100
37	M91	X	-1.561	-1.561	0 %100
38	M91	Z	.901	.901	0 %100
39	M92	X	-2.022	-2.022	0 %100
40	M92	Z	1.168	1.168	0 %100
41	M82A	X	-.343	-.343	0 %100
42	M82A	Z	.198	.198	0 %100
43	M83A	X	-2.77	-2.77	0 %100
44	M83A	Z	1.599	1.599	0 %100
45	M84A	X	-1.183	-1.183	0 %100
46	M84A	Z	.683	.683	0 %100
47	M85A	X	-2.17	-2.17	0 %100
48	M85A	Z	1.253	1.253	0 %100
49	M86B	X	-2.17	-2.17	0 %100
50	M86B	Z	1.253	1.253	0 %100
51	M87F	X	-2.022	-2.022	0 %100
52	M87F	Z	1.168	1.168	0 %100
53	M88E	X	-2.17	-2.17	0 %100
54	M88E	Z	1.253	1.253	0 %100
55	M89E	X	-2.17	-2.17	0 %100
56	M89E	Z	1.253	1.253	0 %100
57	M90D	X	-2.022	-2.022	0 %100
58	M90D	Z	1.168	1.168	0 %100
59	M91B	X	-2.17	-2.17	0 %100
60	M91B	Z	1.253	1.253	0 %100
61	M92B	X	-2.17	-2.17	0 %100
62	M92B	Z	1.253	1.253	0 %100
63	M93	X	-2.022	-2.022	0 %100
64	M93	Z	1.168	1.168	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
122	M77	Z	1.253	1.253	0 %100
123	M78	X	-2.17	-2.17	0 %100
124	M78	Z	1.253	1.253	0 %100
125	M79	X	-2.022	-2.022	0 %100
126	M79	Z	1.168	1.168	0 %100
127	M80	X	-2.17	-2.17	0 %100
128	M80	Z	1.253	1.253	0 %100
129	M81	X	-2.17	-2.17	0 %100
130	M81	Z	1.253	1.253	0 %100
131	M82	X	-2.022	-2.022	0 %100
132	M82	Z	1.168	1.168	0 %100
133	M83	X	-1.495	-1.495	0 %100
134	M83	Z	.863	.863	0 %100
135	M84	X	-1.495	-1.495	0 %100
136	M84	Z	.863	.863	0 %100
137	M93A	X	-.784	-.784	0 %100
138	M93A	Z	.453	.453	0 %100
139	M94A	X	-.784	-.784	0 %100
140	M94A	Z	.453	.453	0 %100
141	M97	X	-2.647	-2.647	0 %100
142	M97	Z	1.528	1.528	0 %100
143	M98	X	-2.77	-2.77	0 %100
144	M98	Z	1.599	1.599	0 %100
145	M101	X	-2.647	-2.647	0 %100
146	M101	Z	1.528	1.528	0 %100
147	M102	X	-.803	-.803	0 %100
148	M102	Z	.464	.464	0 %100
149	M103	X	-1.183	-1.183	0 0
150	M103	Z	.683	.683	0 0
151	M104	X	-.343	-.343	0 %100
152	M104	Z	.198	.198	0 %100
153	M105	X	-2.77	-2.77	0 %100
154	M105	Z	1.599	1.599	0 %100
155	M106	X	-2.17	-2.17	0 %100
156	M106	Z	1.253	1.253	0 %100
157	M107	X	-2.17	-2.17	0 %100
158	M107	Z	1.253	1.253	0 %100
159	M108	X	-2.022	-2.022	0 %100
160	M108	Z	1.168	1.168	0 %100
161	M109	X	-2.17	-2.17	0 %100
162	M109	Z	1.253	1.253	0 %100
163	M110	X	-2.17	-2.17	0 %100
164	M110	Z	1.253	1.253	0 %100
165	M111	X	-2.165	-2.165	0 %100
166	M111	Z	1.25	1.25	0 %100
167	M112	X	-2.022	-2.022	0 %100
168	M112	Z	1.168	1.168	0 %100
169	M113	X	-2.17	-2.17	0 %100
170	M113	Z	1.253	1.253	0 %100
171	M114	X	-2.17	-2.17	0 %100
172	M114	Z	1.253	1.253	0 %100
173	M115	X	-2.165	-2.165	0 %100
174	M115	Z	1.25	1.25	0 %100
175	M116	X	-2.022	-2.022	0 %100
176	M116	Z	1.168	1.168	0 %100
177	M117	X	-1.183	-1.183	0 %100
178	M117	Z	.683	.683	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
179	M118	X	- .803	- .803	0 %100
180	M118	Z	.464	.464	0 %100
181	M119	X	- .343	- .343	0 %100
182	M119	Z	.198	.198	0 %100
183	M120	X	-2.17	-2.17	0 %100
184	M120	Z	1.253	1.253	0 %100
185	M121	X	-2.17	-2.17	0 %100
186	M121	Z	1.253	1.253	0 %100
187	M122	X	-2.022	-2.022	0 %100
188	M122	Z	1.168	1.168	0 %100
189	M123	X	-2.17	-2.17	0 %100
190	M123	Z	1.253	1.253	0 %100
191	M124	X	-2.17	-2.17	0 %100
192	M124	Z	1.253	1.253	0 %100
193	M125	X	-2.022	-2.022	0 %100
194	M125	Z	1.168	1.168	0 %100
195	M126	X	-2.17	-2.17	0 %100
196	M126	Z	1.253	1.253	0 %100
197	M127	X	-2.17	-2.17	0 %100
198	M127	Z	1.253	1.253	0 %100
199	M128	X	-2.022	-2.022	0 %100
200	M128	Z	1.168	1.168	0 %100
201	M129	X	-1.561	-1.561	0 %100
202	M129	Z	.901	.901	0 %100
203	M130	X	-1.561	-1.561	0 %100
204	M130	Z	.901	.901	0 %100
205	MP1A	X	-2.656	-2.656	0 %100
206	MP1A	Z	1.534	1.534	0 %100
207	MP4A	X	-2.656	-2.656	0 %100
208	MP4A	Z	1.534	1.534	0 %100
209	MP2A	X	-2.867	-2.867	0 %100
210	MP2A	Z	1.655	1.655	0 %100
211	MP3A	X	-2.867	-2.867	0 %100
212	MP3A	Z	1.655	1.655	0 %100
213	MP1C	X	-2.656	-2.656	0 %100
214	MP1C	Z	1.534	1.534	0 %100
215	MP4C	X	-2.656	-2.656	0 %100
216	MP4C	Z	1.534	1.534	0 %100
217	MP2C	X	-2.867	-2.867	0 %100
218	MP2C	Z	1.655	1.655	0 %100
219	MP3C	X	-2.867	-2.867	0 %100
220	MP3C	Z	1.655	1.655	0 %100
221	MP1B	X	-2.656	-2.656	0 %100
222	MP1B	Z	1.534	1.534	0 %100
223	MP4B	X	-2.656	-2.656	0 %100
224	MP4B	Z	1.534	1.534	0 %100
225	MP2B	X	-2.867	-2.867	0 %100
226	MP2B	Z	1.655	1.655	0 %100
227	MP3B	X	-2.867	-2.867	0 %100
228	MP3B	Z	1.655	1.655	0 %100
229	M163	X	- .001	- .001	0 %100
230	M163	Z	.000673	.000673	0 %100
231	M164	X	-2.3	-2.3	0 %100
232	M164	Z	1.328	1.328	0 %100
233	M165	X	-2.405	-2.405	0 %100
234	M165	Z	1.389	1.389	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M51	X	0	0	%100
2	M51	Z	0	0	%100
3	M54	X	0	0	%100
4	M54	Z	0	0	%100
5	M89B	X	-3.057	-3.057	%100
6	M89B	Z	0	0	%100
7	M90A	X	-2.524	-2.524	%100
8	M90A	Z	0	0	%100
9	M89C	X	-3.057	-3.057	%100
10	M89C	Z	0	0	%100
11	M90C	X	-2.524	-2.524	%100
12	M90C	Z	0	0	%100
13	M87C	X	-1.078	-1.078	%100
14	M87C	Z	0	0	%100
15	M88C	X	-1.078	-1.078	%100
16	M88C	Z	0	0	%100
17	M89D	X	-2.524	-2.524	%100
18	M89D	Z	0	0	%100
19	M90B	X	-2.87	-2.87	%100
20	M90B	Z	0	0	%100
21	M91A	X	-2.87	-2.87	%100
22	M91A	Z	0	0	%100
23	M92A	X	-2.335	-2.335	%100
24	M92A	Z	0	0	%100
25	M86A	X	-2.87	-2.87	%100
26	M86A	Z	0	0	%100
27	M87D	X	-2.87	-2.87	%100
28	M87D	Z	0	0	%100
29	M87E	X	-2.292	-2.292	%100
30	M87E	Z	0	0	%100
31	M88D	X	-2.335	-2.335	%100
32	M88D	Z	0	0	%100
33	M89A	X	-2.87	-2.87	%100
34	M89A	Z	0	0	%100
35	M90	X	-2.87	-2.87	%100
36	M90	Z	0	0	%100
37	M91	X	-2.292	-2.292	%100
38	M91	Z	0	0	%100
39	M92	X	-2.335	-2.335	%100
40	M92	Z	0	0	%100
41	M82A	X	-1.078	-1.078	%100
42	M82A	Z	0	0	%100
43	M83A	X	-2.524	-2.524	%100
44	M83A	Z	0	0	%100
45	M84A	X	-1.078	-1.078	%100
46	M84A	Z	0	0	%100
47	M85A	X	-2.87	-2.87	%100
48	M85A	Z	0	0	%100
49	M86B	X	-2.87	-2.87	%100
50	M86B	Z	0	0	%100
51	M87F	X	-2.335	-2.335	%100
52	M87F	Z	0	0	%100
53	M88E	X	-2.87	-2.87	%100
54	M88E	Z	0	0	%100
55	M89E	X	-2.87	-2.87	%100
56	M89E	Z	0	0	%100
57	M90D	X	-2.335	-2.335	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]	
58	M90D	Z	0	0	0	%100
59	M91B	X	-2.87	-2.87	0	%100
60	M91B	Z	0	0	0	%100
61	M92B	X	-2.87	-2.87	0	%100
62	M92B	Z	0	0	0	%100
63	M93	X	-2.335	-2.335	0	%100
64	M93	Z	0	0	0	%100
65	M94	X	-2.292	-2.292	0	%100
66	M94	Z	0	0	0	%100
67	M95	X	-2.292	-2.292	0	%100
68	M95	Z	0	0	0	%100
69	M47	X	-2.717	-2.717	0	%100
70	M47	Z	0	0	0	%100
71	M48	X	-2.717	-2.717	0	%100
72	M48	Z	0	0	0	%100
73	M51A	X	-3.057	-3.057	0	%100
74	M51A	Z	0	0	0	%100
75	M52	X	-.006	-.006	0	%100
76	M52	Z	0	0	0	%100
77	M55	X	-3.057	-3.057	0	%100
78	M55	Z	0	0	0	%100
79	M56	X	-2.277	-2.277	0	%100
80	M56	Z	0	0	0	%100
81	M57	X	-.003	-.003	0	%100
82	M57	Z	0	0	0	%100
83	M58	X	-.973	-.973	0	0
84	M58	Z	0	0	0	0
85	M59	X	-.006	-.006	0	%100
86	M59	Z	0	0	0	%100
87	M60	X	-2.87	-2.87	0	%100
88	M60	Z	0	0	0	%100
89	M61	X	-2.87	-2.87	0	%100
90	M61	Z	0	0	0	%100
91	M62	X	-2.335	-2.335	0	%100
92	M62	Z	0	0	0	%100
93	M63	X	-2.87	-2.87	0	%100
94	M63	Z	0	0	0	%100
95	M64	X	-2.87	-2.87	0	%100
96	M64	Z	0	0	0	%100
97	M65	X	-1.519	-1.519	0	%100
98	M65	Z	0	0	0	%100
99	M66	X	-2.335	-2.335	0	%100
100	M66	Z	0	0	0	%100
101	M67	X	-2.87	-2.87	0	%100
102	M67	Z	0	0	0	%100
103	M68	X	-2.87	-2.87	0	%100
104	M68	Z	0	0	0	%100
105	M69	X	-1.519	-1.519	0	%100
106	M69	Z	0	0	0	%100
107	M70	X	-2.335	-2.335	0	%100
108	M70	Z	0	0	0	%100
109	M71	X	-.003	-.003	0	%100
110	M71	Z	0	0	0	%100
111	M72	X	-2.277	-2.277	0	%100
112	M72	Z	0	0	0	%100
113	M73	X	-.973	-.973	0	%100
114	M73	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
115	M74	X	-2.87	-2.87	0 %100
116	M74	Z	0	0	0 %100
117	M75	X	-2.87	-2.87	0 %100
118	M75	Z	0	0	0 %100
119	M76	X	-2.335	-2.335	0 %100
120	M76	Z	0	0	0 %100
121	M77	X	-2.87	-2.87	0 %100
122	M77	Z	0	0	0 %100
123	M78	X	-2.87	-2.87	0 %100
124	M78	Z	0	0	0 %100
125	M79	X	-2.335	-2.335	0 %100
126	M79	Z	0	0	0 %100
127	M80	X	-2.87	-2.87	0 %100
128	M80	Z	0	0	0 %100
129	M81	X	-2.87	-2.87	0 %100
130	M81	Z	0	0	0 %100
131	M82	X	-2.335	-2.335	0 %100
132	M82	Z	0	0	0 %100
133	M83	X	-2.217	-2.217	0 %100
134	M83	Z	0	0	0 %100
135	M84	X	-2.217	-2.217	0 %100
136	M84	Z	0	0	0 %100
137	M93A	X	-2.717	-2.717	0 %100
138	M93A	Z	0	0	0 %100
139	M94A	X	-2.717	-2.717	0 %100
140	M94A	Z	0	0	0 %100
141	M97	X	-3.057	-3.057	0 %100
142	M97	Z	0	0	0 %100
143	M98	X	-2.277	-2.277	0 %100
144	M98	Z	0	0	0 %100
145	M101	X	-3.057	-3.057	0 %100
146	M101	Z	0	0	0 %100
147	M102	X	-.006	-.006	0 %100
148	M102	Z	0	0	0 %100
149	M103	X	-.973	-.973	0 0
150	M103	Z	0	0	0 0
151	M104	X	-.003	-.003	0 %100
152	M104	Z	0	0	0 %100
153	M105	X	-2.277	-2.277	0 %100
154	M105	Z	0	0	0 %100
155	M106	X	-2.87	-2.87	0 %100
156	M106	Z	0	0	0 %100
157	M107	X	-2.87	-2.87	0 %100
158	M107	Z	0	0	0 %100
159	M108	X	-2.335	-2.335	0 %100
160	M108	Z	0	0	0 %100
161	M109	X	-2.87	-2.87	0 %100
162	M109	Z	0	0	0 %100
163	M110	X	-2.87	-2.87	0 %100
164	M110	Z	0	0	0 %100
165	M111	X	-2.217	-2.217	0 %100
166	M111	Z	0	0	0 %100
167	M112	X	-2.335	-2.335	0 %100
168	M112	Z	0	0	0 %100
169	M113	X	-2.87	-2.87	0 %100
170	M113	Z	0	0	0 %100
171	M114	X	-2.87	-2.87	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]	
172	M114	Z	0	0	0	%100
173	M115	X	-2.217	-2.217	0	%100
174	M115	Z	0	0	0	%100
175	M116	X	-2.335	-2.335	0	%100
176	M116	Z	0	0	0	%100
177	M117	X	-.973	-.973	0	%100
178	M117	Z	0	0	0	%100
179	M118	X	-.006	-.006	0	%100
180	M118	Z	0	0	0	%100
181	M119	X	-.003	-.003	0	%100
182	M119	Z	0	0	0	%100
183	M120	X	-2.87	-2.87	0	%100
184	M120	Z	0	0	0	%100
185	M121	X	-2.87	-2.87	0	%100
186	M121	Z	0	0	0	%100
187	M122	X	-2.335	-2.335	0	%100
188	M122	Z	0	0	0	%100
189	M123	X	-2.87	-2.87	0	%100
190	M123	Z	0	0	0	%100
191	M124	X	-2.87	-2.87	0	%100
192	M124	Z	0	0	0	%100
193	M125	X	-2.335	-2.335	0	%100
194	M125	Z	0	0	0	%100
195	M126	X	-2.87	-2.87	0	%100
196	M126	Z	0	0	0	%100
197	M127	X	-2.87	-2.87	0	%100
198	M127	Z	0	0	0	%100
199	M128	X	-2.335	-2.335	0	%100
200	M128	Z	0	0	0	%100
201	M129	X	-1.519	-1.519	0	%100
202	M129	Z	0	0	0	%100
203	M130	X	-1.519	-1.519	0	%100
204	M130	Z	0	0	0	%100
205	MP1A	X	-3.067	-3.067	0	%100
206	MP1A	Z	0	0	0	%100
207	MP4A	X	-3.067	-3.067	0	%100
208	MP4A	Z	0	0	0	%100
209	MP2A	X	-3.311	-3.311	0	%100
210	MP2A	Z	0	0	0	%100
211	MP3A	X	-3.311	-3.311	0	%100
212	MP3A	Z	0	0	0	%100
213	MP1C	X	-3.067	-3.067	0	%100
214	MP1C	Z	0	0	0	%100
215	MP4C	X	-3.067	-3.067	0	%100
216	MP4C	Z	0	0	0	%100
217	MP2C	X	-3.311	-3.311	0	%100
218	MP2C	Z	0	0	0	%100
219	MP3C	X	-3.311	-3.311	0	%100
220	MP3C	Z	0	0	0	%100
221	MP1B	X	-3.067	-3.067	0	%100
222	MP1B	Z	0	0	0	%100
223	MP4B	X	-3.067	-3.067	0	%100
224	MP4B	Z	0	0	0	%100
225	MP2B	X	-3.311	-3.311	0	%100
226	MP2B	Z	0	0	0	%100
227	MP3B	X	-3.311	-3.311	0	%100
228	MP3B	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
229	M163	X	-967	-967	0	%100
230	M163	Z	0	0	0	%100
231	M164	X	-.846	-.846	0	%100
232	M164	Z	0	0	0	%100
233	M165	X	-3.622	-3.622	0	%100
234	M165	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M51	X	-.784	-.784	0	%100
2	M51	Z	-.453	-.453	0	%100
3	M54	X	-.784	-.784	0	%100
4	M54	Z	-.453	-.453	0	%100
5	M89B	X	-2.647	-2.647	0	%100
6	M89B	Z	-1.528	-1.528	0	%100
7	M90A	X	-2.77	-2.77	0	%100
8	M90A	Z	-1.599	-1.599	0	%100
9	M89C	X	-2.647	-2.647	0	%100
10	M89C	Z	-1.528	-1.528	0	%100
11	M90C	X	-.803	-.803	0	%100
12	M90C	Z	-.464	-.464	0	%100
13	M87C	X	-1.183	-1.183	0	%100
14	M87C	Z	-.683	-.683	0	%100
15	M88C	X	-.343	-.343	0	%100
16	M88C	Z	-.198	-.198	0	%100
17	M89D	X	-2.77	-2.77	0	%100
18	M89D	Z	-1.599	-1.599	0	%100
19	M90B	X	-2.17	-2.17	0	%100
20	M90B	Z	-1.253	-1.253	0	%100
21	M91A	X	-2.17	-2.17	0	%100
22	M91A	Z	-1.253	-1.253	0	%100
23	M92A	X	-2.022	-2.022	0	%100
24	M92A	Z	-1.168	-1.168	0	%100
25	M86A	X	-2.17	-2.17	0	%100
26	M86A	Z	-1.253	-1.253	0	%100
27	M87D	X	-2.17	-2.17	0	%100
28	M87D	Z	-1.253	-1.253	0	%100
29	M87E	X	-2.165	-2.165	0	%100
30	M87E	Z	-1.25	-1.25	0	%100
31	M88D	X	-2.022	-2.022	0	%100
32	M88D	Z	-1.168	-1.168	0	%100
33	M89A	X	-2.17	-2.17	0	%100
34	M89A	Z	-1.253	-1.253	0	%100
35	M90	X	-2.17	-2.17	0	%100
36	M90	Z	-1.253	-1.253	0	%100
37	M91	X	-2.165	-2.165	0	%100
38	M91	Z	-1.25	-1.25	0	%100
39	M92	X	-2.022	-2.022	0	%100
40	M92	Z	-1.168	-1.168	0	%100
41	M82A	X	-1.183	-1.183	0	%100
42	M82A	Z	-.683	-.683	0	%100
43	M83A	X	-.803	-.803	0	%100
44	M83A	Z	-.464	-.464	0	%100
45	M84A	X	-.343	-.343	0	%100
46	M84A	Z	-.198	-.198	0	%100
47	M85A	X	-2.17	-2.17	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
48	M85A	Z	-1.253	-1.253	0 %100
49	M86B	X	-2.17	-2.17	0 %100
50	M86B	Z	-1.253	-1.253	0 %100
51	M87F	X	-2.022	-2.022	0 %100
52	M87F	Z	-1.168	-1.168	0 %100
53	M88E	X	-2.17	-2.17	0 %100
54	M88E	Z	-1.253	-1.253	0 %100
55	M89E	X	-2.17	-2.17	0 %100
56	M89E	Z	-1.253	-1.253	0 %100
57	M90D	X	-2.022	-2.022	0 %100
58	M90D	Z	-1.168	-1.168	0 %100
59	M91B	X	-2.17	-2.17	0 %100
60	M91B	Z	-1.253	-1.253	0 %100
61	M92B	X	-2.17	-2.17	0 %100
62	M92B	Z	-1.253	-1.253	0 %100
63	M93	X	-2.022	-2.022	0 %100
64	M93	Z	-1.168	-1.168	0 %100
65	M94	X	-1.561	-1.561	0 %100
66	M94	Z	-0.901	-0.901	0 %100
67	M95	X	-1.561	-1.561	0 %100
68	M95	Z	-0.901	-0.901	0 %100
69	M47	X	-0.784	-0.784	0 %100
70	M47	Z	-0.453	-0.453	0 %100
71	M48	X	-0.784	-0.784	0 %100
72	M48	Z	-0.453	-0.453	0 %100
73	M51A	X	-2.647	-2.647	0 %100
74	M51A	Z	-1.528	-1.528	0 %100
75	M52	X	-0.803	-0.803	0 %100
76	M52	Z	-0.464	-0.464	0 %100
77	M55	X	-2.647	-2.647	0 %100
78	M55	Z	-1.528	-1.528	0 %100
79	M56	X	-2.77	-2.77	0 %100
80	M56	Z	-1.599	-1.599	0 %100
81	M57	X	-0.343	-0.343	0 %100
82	M57	Z	-0.198	-0.198	0 %100
83	M58	X	-1.183	-1.183	0 0
84	M58	Z	-0.683	-0.683	0 0
85	M59	X	-0.803	-0.803	0 %100
86	M59	Z	-0.464	-0.464	0 %100
87	M60	X	-2.17	-2.17	0 %100
88	M60	Z	-1.253	-1.253	0 %100
89	M61	X	-2.17	-2.17	0 %100
90	M61	Z	-1.253	-1.253	0 %100
91	M62	X	-2.022	-2.022	0 %100
92	M62	Z	-1.168	-1.168	0 %100
93	M63	X	-2.17	-2.17	0 %100
94	M63	Z	-1.253	-1.253	0 %100
95	M64	X	-2.17	-2.17	0 %100
96	M64	Z	-1.253	-1.253	0 %100
97	M65	X	-1.561	-1.561	0 %100
98	M65	Z	-0.901	-0.901	0 %100
99	M66	X	-2.022	-2.022	0 %100
100	M66	Z	-1.168	-1.168	0 %100
101	M67	X	-2.17	-2.17	0 %100
102	M67	Z	-1.253	-1.253	0 %100
103	M68	X	-2.17	-2.17	0 %100
104	M68	Z	-1.253	-1.253	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
105	M69	X	-1.561	-1.561	0 %100
106	M69	Z	-.901	-.901	0 %100
107	M70	X	-2.022	-2.022	0 %100
108	M70	Z	-1.168	-1.168	0 %100
109	M71	X	-.343	-.343	0 %100
110	M71	Z	-.198	-.198	0 %100
111	M72	X	-2.77	-2.77	0 %100
112	M72	Z	-1.599	-1.599	0 %100
113	M73	X	-1.183	-1.183	0 %100
114	M73	Z	-.683	-.683	0 %100
115	M74	X	-2.17	-2.17	0 %100
116	M74	Z	-1.253	-1.253	0 %100
117	M75	X	-2.17	-2.17	0 %100
118	M75	Z	-1.253	-1.253	0 %100
119	M76	X	-2.022	-2.022	0 %100
120	M76	Z	-1.168	-1.168	0 %100
121	M77	X	-2.17	-2.17	0 %100
122	M77	Z	-1.253	-1.253	0 %100
123	M78	X	-2.17	-2.17	0 %100
124	M78	Z	-1.253	-1.253	0 %100
125	M79	X	-2.022	-2.022	0 %100
126	M79	Z	-1.168	-1.168	0 %100
127	M80	X	-2.17	-2.17	0 %100
128	M80	Z	-1.253	-1.253	0 %100
129	M81	X	-2.17	-2.17	0 %100
130	M81	Z	-1.253	-1.253	0 %100
131	M82	X	-2.022	-2.022	0 %100
132	M82	Z	-1.168	-1.168	0 %100
133	M83	X	-2.165	-2.165	0 %100
134	M83	Z	-1.25	-1.25	0 %100
135	M84	X	-2.165	-2.165	0 %100
136	M84	Z	-1.25	-1.25	0 %100
137	M93A	X	-3.138	-3.138	0 %100
138	M93A	Z	-1.811	-1.811	0 %100
139	M94A	X	-3.138	-3.138	0 %100
140	M94A	Z	-1.811	-1.811	0 %100
141	M97	X	-2.647	-2.647	0 %100
142	M97	Z	-1.528	-1.528	0 %100
143	M98	X	-.59	-.59	0 %100
144	M98	Z	-.341	-.341	0 %100
145	M101	X	-2.647	-2.647	0 %100
146	M101	Z	-1.528	-1.528	0 %100
147	M102	X	-.59	-.59	0 %100
148	M102	Z	-.341	-.341	0 %100
149	M103	X	-.252	-.252	0 0
150	M103	Z	-.145	-.145	0 0
151	M104	X	-.252	-.252	0 %100
152	M104	Z	-.145	-.145	0 %100
153	M105	X	-.59	-.59	0 %100
154	M105	Z	-.341	-.341	0 %100
155	M106	X	-2.17	-2.17	0 %100
156	M106	Z	-1.253	-1.253	0 %100
157	M107	X	-2.17	-2.17	0 %100
158	M107	Z	-1.253	-1.253	0 %100
159	M108	X	-2.022	-2.022	0 %100
160	M108	Z	-1.168	-1.168	0 %100
161	M109	X	-2.17	-2.17	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
162	M109	Z	-1.253	-1.253	0 %100
163	M110	X	-2.17	-2.17	0 %100
164	M110	Z	-1.253	-1.253	0 %100
165	M111	X	-1.495	-1.495	0 %100
166	M111	Z	-.863	-.863	0 %100
167	M112	X	-2.022	-2.022	0 %100
168	M112	Z	-1.168	-1.168	0 %100
169	M113	X	-2.17	-2.17	0 %100
170	M113	Z	-1.253	-1.253	0 %100
171	M114	X	-2.17	-2.17	0 %100
172	M114	Z	-1.253	-1.253	0 %100
173	M115	X	-1.495	-1.495	0 %100
174	M115	Z	-.863	-.863	0 %100
175	M116	X	-2.022	-2.022	0 %100
176	M116	Z	-1.168	-1.168	0 %100
177	M117	X	-.252	-.252	0 %100
178	M117	Z	-.145	-.145	0 %100
179	M118	X	-.59	-.59	0 %100
180	M118	Z	-.341	-.341	0 %100
181	M119	X	-.252	-.252	0 %100
182	M119	Z	-.145	-.145	0 %100
183	M120	X	-2.17	-2.17	0 %100
184	M120	Z	-1.253	-1.253	0 %100
185	M121	X	-2.17	-2.17	0 %100
186	M121	Z	-1.253	-1.253	0 %100
187	M122	X	-2.022	-2.022	0 %100
188	M122	Z	-1.168	-1.168	0 %100
189	M123	X	-2.17	-2.17	0 %100
190	M123	Z	-1.253	-1.253	0 %100
191	M124	X	-2.17	-2.17	0 %100
192	M124	Z	-1.253	-1.253	0 %100
193	M125	X	-2.022	-2.022	0 %100
194	M125	Z	-1.168	-1.168	0 %100
195	M126	X	-2.17	-2.17	0 %100
196	M126	Z	-1.253	-1.253	0 %100
197	M127	X	-2.17	-2.17	0 %100
198	M127	Z	-1.253	-1.253	0 %100
199	M128	X	-2.022	-2.022	0 %100
200	M128	Z	-1.168	-1.168	0 %100
201	M129	X	-1.495	-1.495	0 %100
202	M129	Z	-.863	-.863	0 %100
203	M130	X	-1.495	-1.495	0 %100
204	M130	Z	-.863	-.863	0 %100
205	MP1A	X	-2.656	-2.656	0 %100
206	MP1A	Z	-1.534	-1.534	0 %100
207	MP4A	X	-2.656	-2.656	0 %100
208	MP4A	Z	-1.534	-1.534	0 %100
209	MP2A	X	-2.867	-2.867	0 %100
210	MP2A	Z	-1.655	-1.655	0 %100
211	MP3A	X	-2.867	-2.867	0 %100
212	MP3A	Z	-1.655	-1.655	0 %100
213	MP1C	X	-2.656	-2.656	0 %100
214	MP1C	Z	-1.534	-1.534	0 %100
215	MP4C	X	-2.656	-2.656	0 %100
216	MP4C	Z	-1.534	-1.534	0 %100
217	MP2C	X	-2.867	-2.867	0 %100
218	MP2C	Z	-1.655	-1.655	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
219	MP3C	X	-2.867	-2.867	0	%100
220	MP3C	Z	-1.655	-1.655	0	%100
221	MP1B	X	-2.656	-2.656	0	%100
222	MP1B	Z	-1.534	-1.534	0	%100
223	MP4B	X	-2.656	-2.656	0	%100
224	MP4B	Z	-1.534	-1.534	0	%100
225	MP2B	X	-2.867	-2.867	0	%100
226	MP2B	Z	-1.655	-1.655	0	%100
227	MP3B	X	-2.867	-2.867	0	%100
228	MP3B	Z	-1.655	-1.655	0	%100
229	M163	X	-2.405	-2.405	0	%100
230	M163	Z	-1.389	-1.389	0	%100
231	M164	X	-.001	-.001	0	%100
232	M164	Z	-.000673	-.000673	0	%100
233	M165	X	-2.3	-2.3	0	%100
234	M165	Z	-1.328	-1.328	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M51	X	-1.359	-1.359	0	%100
2	M51	Z	-2.353	-2.353	0	%100
3	M54	X	-1.359	-1.359	0	%100
4	M54	Z	-2.353	-2.353	0	%100
5	M89B	X	-1.528	-1.528	0	%100
6	M89B	Z	-2.647	-2.647	0	%100
7	M90A	X	-1.139	-1.139	0	%100
8	M90A	Z	-1.972	-1.972	0	%100
9	M89C	X	-1.528	-1.528	0	%100
10	M89C	Z	-2.647	-2.647	0	%100
11	M90C	X	-.003	-.003	0	%100
12	M90C	Z	-.005	-.005	0	%100
13	M87C	X	-.486	-.486	0	%100
14	M87C	Z	-.842	-.842	0	%100
15	M88C	X	-.001	-.001	0	%100
16	M88C	Z	-.002	-.002	0	%100
17	M89D	X	-1.139	-1.139	0	%100
18	M89D	Z	-1.972	-1.972	0	%100
19	M90B	X	-.888	-.888	0	%100
20	M90B	Z	-1.537	-1.537	0	%100
21	M91A	X	-.888	-.888	0	%100
22	M91A	Z	-1.537	-1.537	0	%100
23	M92A	X	-1.168	-1.168	0	%100
24	M92A	Z	-2.022	-2.022	0	%100
25	M86A	X	-.888	-.888	0	%100
26	M86A	Z	-1.537	-1.537	0	%100
27	M87D	X	-.888	-.888	0	%100
28	M87D	Z	-1.537	-1.537	0	%100
29	M87E	X	-1.108	-1.108	0	%100
30	M87E	Z	-1.92	-1.92	0	%100
31	M88D	X	-1.168	-1.168	0	%100
32	M88D	Z	-2.022	-2.022	0	%100
33	M89A	X	-.888	-.888	0	%100
34	M89A	Z	-1.537	-1.537	0	%100
35	M90	X	-.888	-.888	0	%100
36	M90	Z	-1.537	-1.537	0	%100
37	M91	X	-1.108	-1.108	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
38	M91	Z	-1.92	-1.92	0 %100
39	M92	X	-1.168	-1.168	0 %100
40	M92	Z	-2.022	-2.022	0 %100
41	M82A	X	-.486	-.486	0 %100
42	M82A	Z	-.842	-.842	0 %100
43	M83A	X	-.003	-.003	0 %100
44	M83A	Z	-.005	-.005	0 %100
45	M84A	X	-.001	-.001	0 %100
46	M84A	Z	-.002	-.002	0 %100
47	M85A	X	-.888	-.888	0 %100
48	M85A	Z	-1.537	-1.537	0 %100
49	M86B	X	-.888	-.888	0 %100
50	M86B	Z	-1.537	-1.537	0 %100
51	M87F	X	-1.168	-1.168	0 %100
52	M87F	Z	-2.022	-2.022	0 %100
53	M88E	X	-.888	-.888	0 %100
54	M88E	Z	-1.537	-1.537	0 %100
55	M89E	X	-.888	-.888	0 %100
56	M89E	Z	-1.537	-1.537	0 %100
57	M90D	X	-1.168	-1.168	0 %100
58	M90D	Z	-2.022	-2.022	0 %100
59	M91B	X	-.888	-.888	0 %100
60	M91B	Z	-1.537	-1.537	0 %100
61	M92B	X	-.888	-.888	0 %100
62	M92B	Z	-1.537	-1.537	0 %100
63	M93	X	-1.168	-1.168	0 %100
64	M93	Z	-2.022	-2.022	0 %100
65	M94	X	-.76	-.76	0 %100
66	M94	Z	-1.316	-1.316	0 %100
67	M95	X	-.76	-.76	0 %100
68	M95	Z	-1.316	-1.316	0 %100
69	M47	X	0	0	0 %100
70	M47	Z	0	0	0 %100
71	M48	X	0	0	0 %100
72	M48	Z	0	0	0 %100
73	M51A	X	-1.528	-1.528	0 %100
74	M51A	Z	-2.647	-2.647	0 %100
75	M52	X	-1.262	-1.262	0 %100
76	M52	Z	-2.186	-2.186	0 %100
77	M55	X	-1.528	-1.528	0 %100
78	M55	Z	-2.647	-2.647	0 %100
79	M56	X	-1.262	-1.262	0 %100
80	M56	Z	-2.186	-2.186	0 %100
81	M57	X	-.539	-.539	0 %100
82	M57	Z	-.933	-.933	0 %100
83	M58	X	-.539	-.539	0 0
84	M58	Z	-.933	-.933	0 0
85	M59	X	-1.262	-1.262	0 %100
86	M59	Z	-2.186	-2.186	0 %100
87	M60	X	-.888	-.888	0 %100
88	M60	Z	-1.537	-1.537	0 %100
89	M61	X	-.888	-.888	0 %100
90	M61	Z	-1.537	-1.537	0 %100
91	M62	X	-1.168	-1.168	0 %100
92	M62	Z	-2.022	-2.022	0 %100
93	M63	X	-.888	-.888	0 %100
94	M63	Z	-1.537	-1.537	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
95	M64	X	- .888	- .888	0 %100
96	M64	Z	-1.537	-1.537	0 %100
97	M65	X	-1.146	-1.146	0 %100
98	M65	Z	-1.985	-1.985	0 %100
99	M66	X	-1.168	-1.168	0 %100
100	M66	Z	-2.022	-2.022	0 %100
101	M67	X	- .888	- .888	0 %100
102	M67	Z	-1.537	-1.537	0 %100
103	M68	X	- .888	- .888	0 %100
104	M68	Z	-1.537	-1.537	0 %100
105	M69	X	-1.146	-1.146	0 %100
106	M69	Z	-1.985	-1.985	0 %100
107	M70	X	-1.168	-1.168	0 %100
108	M70	Z	-2.022	-2.022	0 %100
109	M71	X	- .539	- .539	0 %100
110	M71	Z	- .933	- .933	0 %100
111	M72	X	-1.262	-1.262	0 %100
112	M72	Z	-2.186	-2.186	0 %100
113	M73	X	- .539	- .539	0 %100
114	M73	Z	- .933	- .933	0 %100
115	M74	X	- .888	- .888	0 %100
116	M74	Z	-1.537	-1.537	0 %100
117	M75	X	- .888	- .888	0 %100
118	M75	Z	-1.537	-1.537	0 %100
119	M76	X	-1.168	-1.168	0 %100
120	M76	Z	-2.022	-2.022	0 %100
121	M77	X	- .888	- .888	0 %100
122	M77	Z	-1.537	-1.537	0 %100
123	M78	X	- .888	- .888	0 %100
124	M78	Z	-1.537	-1.537	0 %100
125	M79	X	-1.168	-1.168	0 %100
126	M79	Z	-2.022	-2.022	0 %100
127	M80	X	- .888	- .888	0 %100
128	M80	Z	-1.537	-1.537	0 %100
129	M81	X	- .888	- .888	0 %100
130	M81	Z	-1.537	-1.537	0 %100
131	M82	X	-1.168	-1.168	0 %100
132	M82	Z	-2.022	-2.022	0 %100
133	M83	X	-1.146	-1.146	0 %100
134	M83	Z	-1.985	-1.985	0 %100
135	M84	X	-1.146	-1.146	0 %100
136	M84	Z	-1.985	-1.985	0 %100
137	M93A	X	-1.359	-1.359	0 %100
138	M93A	Z	-2.353	-2.353	0 %100
139	M94A	X	-1.359	-1.359	0 %100
140	M94A	Z	-2.353	-2.353	0 %100
141	M97	X	-1.528	-1.528	0 %100
142	M97	Z	-2.647	-2.647	0 %100
143	M98	X	- .003	- .003	0 %100
144	M98	Z	- .005	- .005	0 %100
145	M101	X	-1.528	-1.528	0 %100
146	M101	Z	-2.647	-2.647	0 %100
147	M102	X	-1.139	-1.139	0 %100
148	M102	Z	-1.972	-1.972	0 %100
149	M103	X	- .001	- .001	0
150	M103	Z	- .002	- .002	0
151	M104	X	- .486	- .486	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
152	M104	Z	- .842	- .842	0 %100
153	M105	X	- .003	- .003	0 %100
154	M105	Z	- .005	- .005	0 %100
155	M106	X	- .888	- .888	0 %100
156	M106	Z	- 1.537	- 1.537	0 %100
157	M107	X	- .888	- .888	0 %100
158	M107	Z	- 1.537	- 1.537	0 %100
159	M108	X	- 1.168	- 1.168	0 %100
160	M108	Z	- 2.022	- 2.022	0 %100
161	M109	X	- .888	- .888	0 %100
162	M109	Z	- 1.537	- 1.537	0 %100
163	M110	X	- .888	- .888	0 %100
164	M110	Z	- 1.537	- 1.537	0 %100
165	M111	X	- .76	- .76	0 %100
166	M111	Z	- 1.316	- 1.316	0 %100
167	M112	X	- 1.168	- 1.168	0 %100
168	M112	Z	- 2.022	- 2.022	0 %100
169	M113	X	- .888	- .888	0 %100
170	M113	Z	- 1.537	- 1.537	0 %100
171	M114	X	- .888	- .888	0 %100
172	M114	Z	- 1.537	- 1.537	0 %100
173	M115	X	- .76	- .76	0 %100
174	M115	Z	- 1.316	- 1.316	0 %100
175	M116	X	- 1.168	- 1.168	0 %100
176	M116	Z	- 2.022	- 2.022	0 %100
177	M117	X	- .001	- .001	0 %100
178	M117	Z	- .002	- .002	0 %100
179	M118	X	- 1.139	- 1.139	0 %100
180	M118	Z	- 1.972	- 1.972	0 %100
181	M119	X	- .486	- .486	0 %100
182	M119	Z	- .842	- .842	0 %100
183	M120	X	- .888	- .888	0 %100
184	M120	Z	- 1.537	- 1.537	0 %100
185	M121	X	- .888	- .888	0 %100
186	M121	Z	- 1.537	- 1.537	0 %100
187	M122	X	- 1.168	- 1.168	0 %100
188	M122	Z	- 2.022	- 2.022	0 %100
189	M123	X	- .888	- .888	0 %100
190	M123	Z	- 1.537	- 1.537	0 %100
191	M124	X	- .888	- .888	0 %100
192	M124	Z	- 1.537	- 1.537	0 %100
193	M125	X	- 1.168	- 1.168	0 %100
194	M125	Z	- 2.022	- 2.022	0 %100
195	M126	X	- .888	- .888	0 %100
196	M126	Z	- 1.537	- 1.537	0 %100
197	M127	X	- .888	- .888	0 %100
198	M127	Z	- 1.537	- 1.537	0 %100
199	M128	X	- 1.168	- 1.168	0 %100
200	M128	Z	- 2.022	- 2.022	0 %100
201	M129	X	- 1.108	- 1.108	0 %100
202	M129	Z	- 1.92	- 1.92	0 %100
203	M130	X	- 1.108	- 1.108	0 %100
204	M130	Z	- 1.92	- 1.92	0 %100
205	MP1A	X	- 1.534	- 1.534	0 %100
206	MP1A	Z	- 2.656	- 2.656	0 %100
207	MP4A	X	- 1.534	- 1.534	0 %100
208	MP4A	Z	- 2.656	- 2.656	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
209	MP2A	X	-1.655	-1.655	0	%100
210	MP2A	Z	-2.867	-2.867	0	%100
211	MP3A	X	-1.655	-1.655	0	%100
212	MP3A	Z	-2.867	-2.867	0	%100
213	MP1C	X	-1.534	-1.534	0	%100
214	MP1C	Z	-2.656	-2.656	0	%100
215	MP4C	X	-1.534	-1.534	0	%100
216	MP4C	Z	-2.656	-2.656	0	%100
217	MP2C	X	-1.655	-1.655	0	%100
218	MP2C	Z	-2.867	-2.867	0	%100
219	MP3C	X	-1.655	-1.655	0	%100
220	MP3C	Z	-2.867	-2.867	0	%100
221	MP1B	X	-1.534	-1.534	0	%100
222	MP1B	Z	-2.656	-2.656	0	%100
223	MP4B	X	-1.534	-1.534	0	%100
224	MP4B	Z	-2.656	-2.656	0	%100
225	MP2B	X	-1.655	-1.655	0	%100
226	MP2B	Z	-2.867	-2.867	0	%100
227	MP3B	X	-1.655	-1.655	0	%100
228	MP3B	Z	-2.867	-2.867	0	%100
229	M163	X	-1.811	-1.811	0	%100
230	M163	Z	-3.136	-3.136	0	%100
231	M164	X	-.483	-.483	0	%100
232	M164	Z	-.837	-.837	0	%100
233	M165	X	-.423	-.423	0	%100
234	M165	Z	-.733	-.733	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M51	X	0	0	0	%100
2	M51	Z	-.592	-.592	0	%100
3	M54	X	0	0	0	%100
4	M54	Z	-.592	-.592	0	%100
5	M89B	X	0	0	0	%100
6	M89B	Z	-.489	-.489	0	%100
7	M90A	X	0	0	0	%100
8	M90A	Z	-.104	-.104	0	%100
9	M89C	X	0	0	0	%100
10	M89C	Z	-.489	-.489	0	%100
11	M90C	X	0	0	0	%100
12	M90C	Z	-.104	-.104	0	%100
13	M87C	X	0	0	0	%100
14	M87C	Z	-.016	-.016	0	%100
15	M88C	X	0	0	0	%100
16	M88C	Z	-.016	-.016	0	%100
17	M89D	X	0	0	0	%100
18	M89D	Z	-.104	-.104	0	%100
19	M90B	X	0	0	0	%100
20	M90B	Z	-.092	-.092	0	%100
21	M91A	X	0	0	0	%100
22	M91A	Z	-.092	-.092	0	%100
23	M92A	X	0	0	0	%100
24	M92A	Z	-.321	-.321	0	%100
25	M86A	X	0	0	0	%100
26	M86A	Z	-.092	-.092	0	%100
27	M87D	X	0	0	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
28	M87D	Z	-0.092	-0.092	0 %100
29	M87E	X	0	0	0 %100
30	M87E	Z	-0.236	-0.236	0 %100
31	M88D	X	0	0	0 %100
32	M88D	Z	-0.321	-0.321	0 %100
33	M89A	X	0	0	0 %100
34	M89A	Z	-0.092	-0.092	0 %100
35	M90	X	0	0	0 %100
36	M90	Z	-0.092	-0.092	0 %100
37	M91	X	0	0	0 %100
38	M91	Z	-0.236	-0.236	0 %100
39	M92	X	0	0	0 %100
40	M92	Z	-0.321	-0.321	0 %100
41	M82A	X	0	0	0 %100
42	M82A	Z	-0.016	-0.016	0 %100
43	M83A	X	0	0	0 %100
44	M83A	Z	-0.104	-0.104	0 %100
45	M84A	X	0	0	0 %100
46	M84A	Z	-0.016	-0.016	0 %100
47	M85A	X	0	0	0 %100
48	M85A	Z	-0.092	-0.092	0 %100
49	M86B	X	0	0	0 %100
50	M86B	Z	-0.092	-0.092	0 %100
51	M87F	X	0	0	0 %100
52	M87F	Z	-0.321	-0.321	0 %100
53	M88E	X	0	0	0 %100
54	M88E	Z	-0.092	-0.092	0 %100
55	M89E	X	0	0	0 %100
56	M89E	Z	-0.092	-0.092	0 %100
57	M90D	X	0	0	0 %100
58	M90D	Z	-0.321	-0.321	0 %100
59	M91B	X	0	0	0 %100
60	M91B	Z	-0.092	-0.092	0 %100
61	M92B	X	0	0	0 %100
62	M92B	Z	-0.092	-0.092	0 %100
63	M93	X	0	0	0 %100
64	M93	Z	-0.321	-0.321	0 %100
65	M94	X	0	0	0 %100
66	M94	Z	-0.236	-0.236	0 %100
67	M95	X	0	0	0 %100
68	M95	Z	-0.236	-0.236	0 %100
69	M47	X	0	0	0 %100
70	M47	Z	-0.148	-0.148	0 %100
71	M48	X	0	0	0 %100
72	M48	Z	-0.148	-0.148	0 %100
73	M51A	X	0	0	0 %100
74	M51A	Z	-0.489	-0.489	0 %100
75	M52	X	0	0	0 %100
76	M52	Z	-0.488	-0.488	0 %100
77	M55	X	0	0	0 %100
78	M55	Z	-0.489	-0.489	0 %100
79	M56	X	0	0	0 %100
80	M56	Z	-0.142	-0.142	0 %100
81	M57	X	0	0	0 %100
82	M57	Z	-0.077	-0.077	0 %100
83	M58	X	0	0	0
84	M58	Z	-0.022	-0.022	0



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
85	M59	X	0	0	0	%100
86	M59	Z	-488	-488	0	%100
87	M60	X	0	0	0	%100
88	M60	Z	-092	-092	0	%100
89	M61	X	0	0	0	%100
90	M61	Z	-092	-092	0	%100
91	M62	X	0	0	0	%100
92	M62	Z	-321	-321	0	%100
93	M63	X	0	0	0	%100
94	M63	Z	-092	-092	0	%100
95	M64	X	0	0	0	%100
96	M64	Z	-092	-092	0	%100
97	M65	X	0	0	0	%100
98	M65	Z	-342	-342	0	%100
99	M66	X	0	0	0	%100
100	M66	Z	-321	-321	0	%100
101	M67	X	0	0	0	%100
102	M67	Z	-092	-092	0	%100
103	M68	X	0	0	0	%100
104	M68	Z	-092	-092	0	%100
105	M69	X	0	0	0	%100
106	M69	Z	-342	-342	0	%100
107	M70	X	0	0	0	%100
108	M70	Z	-321	-321	0	%100
109	M71	X	0	0	0	%100
110	M71	Z	-077	-077	0	%100
111	M72	X	0	0	0	%100
112	M72	Z	-142	-142	0	%100
113	M73	X	0	0	0	%100
114	M73	Z	-022	-022	0	%100
115	M74	X	0	0	0	%100
116	M74	Z	-092	-092	0	%100
117	M75	X	0	0	0	%100
118	M75	Z	-092	-092	0	%100
119	M76	X	0	0	0	%100
120	M76	Z	-321	-321	0	%100
121	M77	X	0	0	0	%100
122	M77	Z	-092	-092	0	%100
123	M78	X	0	0	0	%100
124	M78	Z	-092	-092	0	%100
125	M79	X	0	0	0	%100
126	M79	Z	-321	-321	0	%100
127	M80	X	0	0	0	%100
128	M80	Z	-092	-092	0	%100
129	M81	X	0	0	0	%100
130	M81	Z	-092	-092	0	%100
131	M82	X	0	0	0	%100
132	M82	Z	-321	-321	0	%100
133	M83	X	0	0	0	%100
134	M83	Z	-246	-246	0	%100
135	M84	X	0	0	0	%100
136	M84	Z	-246	-246	0	%100
137	M93A	X	0	0	0	%100
138	M93A	Z	-148	-148	0	%100
139	M94A	X	0	0	0	%100
140	M94A	Z	-148	-148	0	%100
141	M97	X	0	0	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
142	M97	Z	- .489	- .489	0 %100
143	M98	X	0	0	0 %100
144	M98	Z	- .142	- .142	0 %100
145	M101	X	0	0	0 %100
146	M101	Z	- .489	- .489	0 %100
147	M102	X	0	0	0 %100
148	M102	Z	- .488	- .488	0 %100
149	M103	X	0	0	0 0
150	M103	Z	- .022	- .022	0 0
151	M104	X	0	0	0 %100
152	M104	Z	- .077	- .077	0 %100
153	M105	X	0	0	0 %100
154	M105	Z	- .142	- .142	0 %100
155	M106	X	0	0	0 %100
156	M106	Z	- .092	- .092	0 %100
157	M107	X	0	0	0 %100
158	M107	Z	- .092	- .092	0 %100
159	M108	X	0	0	0 %100
160	M108	Z	- .321	- .321	0 %100
161	M109	X	0	0	0 %100
162	M109	Z	- .092	- .092	0 %100
163	M110	X	0	0	0 %100
164	M110	Z	- .092	- .092	0 %100
165	M111	X	0	0	0 %100
166	M111	Z	- .246	- .246	0 %100
167	M112	X	0	0	0 %100
168	M112	Z	- .321	- .321	0 %100
169	M113	X	0	0	0 %100
170	M113	Z	- .092	- .092	0 %100
171	M114	X	0	0	0 %100
172	M114	Z	- .092	- .092	0 %100
173	M115	X	0	0	0 %100
174	M115	Z	- .246	- .246	0 %100
175	M116	X	0	0	0 %100
176	M116	Z	- .321	- .321	0 %100
177	M117	X	0	0	0 %100
178	M117	Z	- .022	- .022	0 %100
179	M118	X	0	0	0 %100
180	M118	Z	- .488	- .488	0 %100
181	M119	X	0	0	0 %100
182	M119	Z	- .077	- .077	0 %100
183	M120	X	0	0	0 %100
184	M120	Z	- .092	- .092	0 %100
185	M121	X	0	0	0 %100
186	M121	Z	- .092	- .092	0 %100
187	M122	X	0	0	0 %100
188	M122	Z	- .321	- .321	0 %100
189	M123	X	0	0	0 %100
190	M123	Z	- .092	- .092	0 %100
191	M124	X	0	0	0 %100
192	M124	Z	- .092	- .092	0 %100
193	M125	X	0	0	0 %100
194	M125	Z	- .321	- .321	0 %100
195	M126	X	0	0	0 %100
196	M126	Z	- .092	- .092	0 %100
197	M127	X	0	0	0 %100
198	M127	Z	- .092	- .092	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
199	M128	X	0	0	0	%100
200	M128	Z	-.321	-.321	0	%100
201	M129	X	0	0	0	%100
202	M129	Z	-.342	-.342	0	%100
203	M130	X	0	0	0	%100
204	M130	Z	-.342	-.342	0	%100
205	MP1A	X	0	0	0	%100
206	MP1A	Z	-.489	-.489	0	%100
207	MP4A	X	0	0	0	%100
208	MP4A	Z	-.489	-.489	0	%100
209	MP2A	X	0	0	0	%100
210	MP2A	Z	-.489	-.489	0	%100
211	MP3A	X	0	0	0	%100
212	MP3A	Z	-.489	-.489	0	%100
213	MP1C	X	0	0	0	%100
214	MP1C	Z	-.489	-.489	0	%100
215	MP4C	X	0	0	0	%100
216	MP4C	Z	-.489	-.489	0	%100
217	MP2C	X	0	0	0	%100
218	MP2C	Z	-.489	-.489	0	%100
219	MP3C	X	0	0	0	%100
220	MP3C	Z	-.489	-.489	0	%100
221	MP1B	X	0	0	0	%100
222	MP1B	Z	-.489	-.489	0	%100
223	MP4B	X	0	0	0	%100
224	MP4B	Z	-.489	-.489	0	%100
225	MP2B	X	0	0	0	%100
226	MP2B	Z	-.489	-.489	0	%100
227	MP3B	X	0	0	0	%100
228	MP3B	Z	-.489	-.489	0	%100
229	M163	X	0	0	0	%100
230	M163	Z	-.434	-.434	0	%100
231	M164	X	0	0	0	%100
232	M164	Z	-.454	-.454	0	%100
233	M165	X	0	0	0	%100
234	M165	Z	-.00022	-.00022	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M51	X	.222	.222	0	%100
2	M51	Z	-.385	-.385	0	%100
3	M54	X	.222	.222	0	%100
4	M54	Z	-.385	-.385	0	%100
5	M89B	X	.245	.245	0	%100
6	M89B	Z	-.424	-.424	0	%100
7	M90A	X	.000482	.000482	0	%100
8	M90A	Z	-.000836	-.000836	0	%100
9	M89C	X	.245	.245	0	%100
10	M89C	Z	-.424	-.424	0	%100
11	M90C	X	.174	.174	0	%100
12	M90C	Z	-.301	-.301	0	%100
13	M87C	X	7.6e-5	7.6e-5	0	%100
14	M87C	Z	-.000132	-.000132	0	%100
15	M88C	X	.027	.027	0	%100
16	M88C	Z	-.048	-.048	0	%100
17	M89D	X	.000482	.000482	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
18	M89D	Z	-.000836	-.000836	0 %100
19	M90B	X	.112	.112	0 %100
20	M90B	Z	-.194	-.194	0 %100
21	M91A	X	.112	.112	0 %100
22	M91A	Z	-.194	-.194	0 %100
23	M92A	X	.16	.16	0 %100
24	M92A	Z	-.278	-.278	0 %100
25	M86A	X	.112	.112	0 %100
26	M86A	Z	-.194	-.194	0 %100
27	M87D	X	.112	.112	0 %100
28	M87D	Z	-.194	-.194	0 %100
29	M87E	X	.104	.104	0 %100
30	M87E	Z	-.18	-.18	0 %100
31	M88D	X	.16	.16	0 %100
32	M88D	Z	-.278	-.278	0 %100
33	M89A	X	.112	.112	0 %100
34	M89A	Z	-.194	-.194	0 %100
35	M90	X	.112	.112	0 %100
36	M90	Z	-.194	-.194	0 %100
37	M91	X	.104	.104	0 %100
38	M91	Z	-.18	-.18	0 %100
39	M92	X	.16	.16	0 %100
40	M92	Z	-.278	-.278	0 %100
41	M82A	X	7.6e-5	7.6e-5	0 %100
42	M82A	Z	-.000132	-.000132	0 %100
43	M83A	X	.174	.174	0 %100
44	M83A	Z	-.301	-.301	0 %100
45	M84A	X	.027	.027	0 %100
46	M84A	Z	-.048	-.048	0 %100
47	M85A	X	.112	.112	0 %100
48	M85A	Z	-.194	-.194	0 %100
49	M86B	X	.112	.112	0 %100
50	M86B	Z	-.194	-.194	0 %100
51	M87F	X	.16	.16	0 %100
52	M87F	Z	-.278	-.278	0 %100
53	M88E	X	.112	.112	0 %100
54	M88E	Z	-.194	-.194	0 %100
55	M89E	X	.112	.112	0 %100
56	M89E	Z	-.194	-.194	0 %100
57	M90D	X	.16	.16	0 %100
58	M90D	Z	-.278	-.278	0 %100
59	M91B	X	.112	.112	0 %100
60	M91B	Z	-.194	-.194	0 %100
61	M92B	X	.112	.112	0 %100
62	M92B	Z	-.194	-.194	0 %100
63	M93	X	.16	.16	0 %100
64	M93	Z	-.278	-.278	0 %100
65	M94	X	.151	.151	0 %100
66	M94	Z	-.262	-.262	0 %100
67	M95	X	.151	.151	0 %100
68	M95	Z	-.262	-.262	0 %100
69	M47	X	.222	.222	0 %100
70	M47	Z	-.385	-.385	0 %100
71	M48	X	.222	.222	0 %100
72	M48	Z	-.385	-.385	0 %100
73	M51A	X	.245	.245	0 %100
74	M51A	Z	-.424	-.424	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
75	M52	X	.174	.174	0 %100
76	M52	Z	-.301	-.301	0 %100
77	M55	X	.245	.245	0 %100
78	M55	Z	-.424	-.424	0 %100
79	M56	X	.000482	.000482	0 %100
80	M56	Z	-.000836	-.000836	0 %100
81	M57	X	.027	.027	0 %100
82	M57	Z	-.048	-.048	0 %100
83	M58	X	7.6e-5	7.6e-5	0 0
84	M58	Z	-.000132	-.000132	0 0
85	M59	X	.174	.174	0 %100
86	M59	Z	-.301	-.301	0 %100
87	M60	X	.112	.112	0 %100
88	M60	Z	-.194	-.194	0 %100
89	M61	X	.112	.112	0 %100
90	M61	Z	-.194	-.194	0 %100
91	M62	X	.16	.16	0 %100
92	M62	Z	-.278	-.278	0 %100
93	M63	X	.112	.112	0 %100
94	M63	Z	-.194	-.194	0 %100
95	M64	X	.112	.112	0 %100
96	M64	Z	-.194	-.194	0 %100
97	M65	X	.151	.151	0 %100
98	M65	Z	-.262	-.262	0 %100
99	M66	X	.16	.16	0 %100
100	M66	Z	-.278	-.278	0 %100
101	M67	X	.112	.112	0 %100
102	M67	Z	-.194	-.194	0 %100
103	M68	X	.112	.112	0 %100
104	M68	Z	-.194	-.194	0 %100
105	M69	X	.151	.151	0 %100
106	M69	Z	-.262	-.262	0 %100
107	M70	X	.16	.16	0 %100
108	M70	Z	-.278	-.278	0 %100
109	M71	X	.027	.027	0 %100
110	M71	Z	-.048	-.048	0 %100
111	M72	X	.000482	.000482	0 %100
112	M72	Z	-.000836	-.000836	0 %100
113	M73	X	7.6e-5	7.6e-5	0 %100
114	M73	Z	-.000132	-.000132	0 %100
115	M74	X	.112	.112	0 %100
116	M74	Z	-.194	-.194	0 %100
117	M75	X	.112	.112	0 %100
118	M75	Z	-.194	-.194	0 %100
119	M76	X	.16	.16	0 %100
120	M76	Z	-.278	-.278	0 %100
121	M77	X	.112	.112	0 %100
122	M77	Z	-.194	-.194	0 %100
123	M78	X	.112	.112	0 %100
124	M78	Z	-.194	-.194	0 %100
125	M79	X	.16	.16	0 %100
126	M79	Z	-.278	-.278	0 %100
127	M80	X	.112	.112	0 %100
128	M80	Z	-.194	-.194	0 %100
129	M81	X	.112	.112	0 %100
130	M81	Z	-.194	-.194	0 %100
131	M82	X	.16	.16	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in,%]	End Location[in,%]
132	M82	Z	-.278	-.278	0 %100
133	M83	X	.104	.104	0 %100
134	M83	Z	-.18	-.18	0 %100
135	M84	X	.104	.104	0 %100
136	M84	Z	-.18	-.18	0 %100
137	M93A	X	0	0	0 %100
138	M93A	Z	0	0	0 %100
139	M94A	X	0	0	0 %100
140	M94A	Z	0	0	0 %100
141	M97	X	.245	.245	0 %100
142	M97	Z	-.424	-.424	0 %100
143	M98	X	.193	.193	0 %100
144	M98	Z	-.334	-.334	0 %100
145	M101	X	.245	.245	0 %100
146	M101	Z	-.424	-.424	0 %100
147	M102	X	.193	.193	0 %100
148	M102	Z	-.334	-.334	0 %100
149	M103	X	.03	.03	0 0
150	M103	Z	-.053	-.053	0 0
151	M104	X	.03	.03	0 %100
152	M104	Z	-.053	-.053	0 %100
153	M105	X	.193	.193	0 %100
154	M105	Z	-.334	-.334	0 %100
155	M106	X	.112	.112	0 %100
156	M106	Z	-.194	-.194	0 %100
157	M107	X	.112	.112	0 %100
158	M107	Z	-.194	-.194	0 %100
159	M108	X	.16	.16	0 %100
160	M108	Z	-.278	-.278	0 %100
161	M109	X	.112	.112	0 %100
162	M109	Z	-.194	-.194	0 %100
163	M110	X	.112	.112	0 %100
164	M110	Z	-.194	-.194	0 %100
165	M111	X	.157	.157	0 %100
166	M111	Z	-.271	-.271	0 %100
167	M112	X	.16	.16	0 %100
168	M112	Z	-.278	-.278	0 %100
169	M113	X	.112	.112	0 %100
170	M113	Z	-.194	-.194	0 %100
171	M114	X	.112	.112	0 %100
172	M114	Z	-.194	-.194	0 %100
173	M115	X	.157	.157	0 %100
174	M115	Z	-.271	-.271	0 %100
175	M116	X	.16	.16	0 %100
176	M116	Z	-.278	-.278	0 %100
177	M117	X	.03	.03	0 %100
178	M117	Z	-.053	-.053	0 %100
179	M118	X	.193	.193	0 %100
180	M118	Z	-.334	-.334	0 %100
181	M119	X	.03	.03	0 %100
182	M119	Z	-.053	-.053	0 %100
183	M120	X	.112	.112	0 %100
184	M120	Z	-.194	-.194	0 %100
185	M121	X	.112	.112	0 %100
186	M121	Z	-.194	-.194	0 %100
187	M122	X	.16	.16	0 %100
188	M122	Z	-.278	-.278	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
189	M123	X	.112	.112	0	%100
190	M123	Z	-.194	-.194	0	%100
191	M124	X	.112	.112	0	%100
192	M124	Z	-.194	-.194	0	%100
193	M125	X	.16	.16	0	%100
194	M125	Z	-.278	-.278	0	%100
195	M126	X	.112	.112	0	%100
196	M126	Z	-.194	-.194	0	%100
197	M127	X	.112	.112	0	%100
198	M127	Z	-.194	-.194	0	%100
199	M128	X	.16	.16	0	%100
200	M128	Z	-.278	-.278	0	%100
201	M129	X	.157	.157	0	%100
202	M129	Z	-.271	-.271	0	%100
203	M130	X	.157	.157	0	%100
204	M130	Z	-.271	-.271	0	%100
205	MP1A	X	.245	.245	0	%100
206	MP1A	Z	-.424	-.424	0	%100
207	MP4A	X	.245	.245	0	%100
208	MP4A	Z	-.424	-.424	0	%100
209	MP2A	X	.245	.245	0	%100
210	MP2A	Z	-.424	-.424	0	%100
211	MP3A	X	.245	.245	0	%100
212	MP3A	Z	-.424	-.424	0	%100
213	MP1C	X	.245	.245	0	%100
214	MP1C	Z	-.424	-.424	0	%100
215	MP4C	X	.245	.245	0	%100
216	MP4C	Z	-.424	-.424	0	%100
217	MP2C	X	.245	.245	0	%100
218	MP2C	Z	-.424	-.424	0	%100
219	MP3C	X	.245	.245	0	%100
220	MP3C	Z	-.424	-.424	0	%100
221	MP1B	X	.245	.245	0	%100
222	MP1B	Z	-.424	-.424	0	%100
223	MP4B	X	.245	.245	0	%100
224	MP4B	Z	-.424	-.424	0	%100
225	MP2B	X	.245	.245	0	%100
226	MP2B	Z	-.424	-.424	0	%100
227	MP3B	X	.245	.245	0	%100
228	MP3B	Z	-.424	-.424	0	%100
229	M163	X	.069	.069	0	%100
230	M163	Z	-.12	-.12	0	%100
231	M164	X	.296	.296	0	%100
232	M164	Z	-.513	-.513	0	%100
233	M165	X	.079	.079	0	%100
234	M165	Z	-.137	-.137	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M51	X	.128	.128	0	%100
2	M51	Z	-.074	-.074	0	%100
3	M54	X	.128	.128	0	%100
4	M54	Z	-.074	-.074	0	%100
5	M89B	X	.424	.424	0	%100
6	M89B	Z	-.245	-.245	0	%100
7	M90A	X	.123	.123	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
8	M90A	Z	-0.071	-0.071	0 %100
9	M89C	X	.424	.424	0 %100
10	M89C	Z	-.245	-.245	0 %100
11	M90C	X	.423	.423	0 %100
12	M90C	Z	-.244	-.244	0 %100
13	M87C	X	.019	.019	0 %100
14	M87C	Z	-.011	-.011	0 %100
15	M88C	X	.067	.067	0 %100
16	M88C	Z	-.039	-.039	0 %100
17	M89D	X	.123	.123	0 %100
18	M89D	Z	-.071	-.071	0 %100
19	M90B	X	.421	.421	0 %100
20	M90B	Z	-.243	-.243	0 %100
21	M91A	X	.421	.421	0 %100
22	M91A	Z	-.243	-.243	0 %100
23	M92A	X	.278	.278	0 %100
24	M92A	Z	-.16	-.16	0 %100
25	M86A	X	.421	.421	0 %100
26	M86A	Z	-.243	-.243	0 %100
27	M87D	X	.421	.421	0 %100
28	M87D	Z	-.243	-.243	0 %100
29	M87E	X	.213	.213	0 %100
30	M87E	Z	-.123	-.123	0 %100
31	M88D	X	.278	.278	0 %100
32	M88D	Z	-.16	-.16	0 %100
33	M89A	X	.421	.421	0 %100
34	M89A	Z	-.243	-.243	0 %100
35	M90	X	.421	.421	0 %100
36	M90	Z	-.243	-.243	0 %100
37	M91	X	.213	.213	0 %100
38	M91	Z	-.123	-.123	0 %100
39	M92	X	.278	.278	0 %100
40	M92	Z	-.16	-.16	0 %100
41	M82A	X	.019	.019	0 %100
42	M82A	Z	-.011	-.011	0 %100
43	M83A	X	.423	.423	0 %100
44	M83A	Z	-.244	-.244	0 %100
45	M84A	X	.067	.067	0 %100
46	M84A	Z	-.039	-.039	0 %100
47	M85A	X	.421	.421	0 %100
48	M85A	Z	-.243	-.243	0 %100
49	M86B	X	.421	.421	0 %100
50	M86B	Z	-.243	-.243	0 %100
51	M87F	X	.278	.278	0 %100
52	M87F	Z	-.16	-.16	0 %100
53	M88E	X	.421	.421	0 %100
54	M88E	Z	-.243	-.243	0 %100
55	M89E	X	.421	.421	0 %100
56	M89E	Z	-.243	-.243	0 %100
57	M90D	X	.278	.278	0 %100
58	M90D	Z	-.16	-.16	0 %100
59	M91B	X	.421	.421	0 %100
60	M91B	Z	-.243	-.243	0 %100
61	M92B	X	.421	.421	0 %100
62	M92B	Z	-.243	-.243	0 %100
63	M93	X	.278	.278	0 %100
64	M93	Z	-.16	-.16	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
65	M94	X	.296	.296	0 %100
66	M94	Z	-.171	-.171	0 %100
67	M95	X	.296	.296	0 %100
68	M95	Z	-.171	-.171	0 %100
69	M47	X	.513	.513	0 %100
70	M47	Z	-.296	-.296	0 %100
71	M48	X	.513	.513	0 %100
72	M48	Z	-.296	-.296	0 %100
73	M51A	X	.424	.424	0 %100
74	M51A	Z	-.245	-.245	0 %100
75	M52	X	.09	.09	0 %100
76	M52	Z	-.052	-.052	0 %100
77	M55	X	.424	.424	0 %100
78	M55	Z	-.245	-.245	0 %100
79	M56	X	.09	.09	0 %100
80	M56	Z	-.052	-.052	0 %100
81	M57	X	.014	.014	0 %100
82	M57	Z	-.008	-.008	0 %100
83	M58	X	.014	.014	0 0
84	M58	Z	-.008	-.008	0 0
85	M59	X	.09	.09	0 %100
86	M59	Z	-.052	-.052	0 %100
87	M60	X	.421	.421	0 %100
88	M60	Z	-.243	-.243	0 %100
89	M61	X	.421	.421	0 %100
90	M61	Z	-.243	-.243	0 %100
91	M62	X	.278	.278	0 %100
92	M62	Z	-.16	-.16	0 %100
93	M63	X	.421	.421	0 %100
94	M63	Z	-.243	-.243	0 %100
95	M64	X	.421	.421	0 %100
96	M64	Z	-.243	-.243	0 %100
97	M65	X	.204	.204	0 %100
98	M65	Z	-.118	-.118	0 %100
99	M66	X	.278	.278	0 %100
100	M66	Z	-.16	-.16	0 %100
101	M67	X	.421	.421	0 %100
102	M67	Z	-.243	-.243	0 %100
103	M68	X	.421	.421	0 %100
104	M68	Z	-.243	-.243	0 %100
105	M69	X	.204	.204	0 %100
106	M69	Z	-.118	-.118	0 %100
107	M70	X	.278	.278	0 %100
108	M70	Z	-.16	-.16	0 %100
109	M71	X	.014	.014	0 %100
110	M71	Z	-.008	-.008	0 %100
111	M72	X	.09	.09	0 %100
112	M72	Z	-.052	-.052	0 %100
113	M73	X	.014	.014	0 %100
114	M73	Z	-.008	-.008	0 %100
115	M74	X	.421	.421	0 %100
116	M74	Z	-.243	-.243	0 %100
117	M75	X	.421	.421	0 %100
118	M75	Z	-.243	-.243	0 %100
119	M76	X	.278	.278	0 %100
120	M76	Z	-.16	-.16	0 %100
121	M77	X	.421	.421	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in,%]	End Location[in,%]
122	M77	Z	-.243	-.243	0 %100
123	M78	X	.421	.421	0 %100
124	M78	Z	-.243	-.243	0 %100
125	M79	X	.278	.278	0 %100
126	M79	Z	-.16	-.16	0 %100
127	M80	X	.421	.421	0 %100
128	M80	Z	-.243	-.243	0 %100
129	M81	X	.421	.421	0 %100
130	M81	Z	-.243	-.243	0 %100
131	M82	X	.278	.278	0 %100
132	M82	Z	-.16	-.16	0 %100
133	M83	X	.204	.204	0 %100
134	M83	Z	-.118	-.118	0 %100
135	M84	X	.204	.204	0 %100
136	M84	Z	-.118	-.118	0 %100
137	M93A	X	.128	.128	0 %100
138	M93A	Z	-.074	-.074	0 %100
139	M94A	X	.128	.128	0 %100
140	M94A	Z	-.074	-.074	0 %100
141	M97	X	.424	.424	0 %100
142	M97	Z	-.245	-.245	0 %100
143	M98	X	.423	.423	0 %100
144	M98	Z	-.244	-.244	0 %100
145	M101	X	.424	.424	0 %100
146	M101	Z	-.245	-.245	0 %100
147	M102	X	.123	.123	0 %100
148	M102	Z	-.071	-.071	0 %100
149	M103	X	.067	.067	0 0
150	M103	Z	-.039	-.039	0 0
151	M104	X	.019	.019	0 %100
152	M104	Z	-.011	-.011	0 %100
153	M105	X	.423	.423	0 %100
154	M105	Z	-.244	-.244	0 %100
155	M106	X	.421	.421	0 %100
156	M106	Z	-.243	-.243	0 %100
157	M107	X	.421	.421	0 %100
158	M107	Z	-.243	-.243	0 %100
159	M108	X	.278	.278	0 %100
160	M108	Z	-.16	-.16	0 %100
161	M109	X	.421	.421	0 %100
162	M109	Z	-.243	-.243	0 %100
163	M110	X	.421	.421	0 %100
164	M110	Z	-.243	-.243	0 %100
165	M111	X	.296	.296	0 %100
166	M111	Z	-.171	-.171	0 %100
167	M112	X	.278	.278	0 %100
168	M112	Z	-.16	-.16	0 %100
169	M113	X	.421	.421	0 %100
170	M113	Z	-.243	-.243	0 %100
171	M114	X	.421	.421	0 %100
172	M114	Z	-.243	-.243	0 %100
173	M115	X	.296	.296	0 %100
174	M115	Z	-.171	-.171	0 %100
175	M116	X	.278	.278	0 %100
176	M116	Z	-.16	-.16	0 %100
177	M117	X	.067	.067	0 %100
178	M117	Z	-.039	-.039	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
179	M118	X	.123	.123	0 %100
180	M118	Z	-.071	-.071	0 %100
181	M119	X	.019	.019	0 %100
182	M119	Z	-.011	-.011	0 %100
183	M120	X	.421	.421	0 %100
184	M120	Z	-.243	-.243	0 %100
185	M121	X	.421	.421	0 %100
186	M121	Z	-.243	-.243	0 %100
187	M122	X	.278	.278	0 %100
188	M122	Z	-.16	-.16	0 %100
189	M123	X	.421	.421	0 %100
190	M123	Z	-.243	-.243	0 %100
191	M124	X	.421	.421	0 %100
192	M124	Z	-.243	-.243	0 %100
193	M125	X	.278	.278	0 %100
194	M125	Z	-.16	-.16	0 %100
195	M126	X	.421	.421	0 %100
196	M126	Z	-.243	-.243	0 %100
197	M127	X	.421	.421	0 %100
198	M127	Z	-.243	-.243	0 %100
199	M128	X	.278	.278	0 %100
200	M128	Z	-.16	-.16	0 %100
201	M129	X	.213	.213	0 %100
202	M129	Z	-.123	-.123	0 %100
203	M130	X	.213	.213	0 %100
204	M130	Z	-.123	-.123	0 %100
205	MP1A	X	.424	.424	0 %100
206	MP1A	Z	-.245	-.245	0 %100
207	MP4A	X	.424	.424	0 %100
208	MP4A	Z	-.245	-.245	0 %100
209	MP2A	X	.424	.424	0 %100
210	MP2A	Z	-.245	-.245	0 %100
211	MP3A	X	.424	.424	0 %100
212	MP3A	Z	-.245	-.245	0 %100
213	MP1C	X	.424	.424	0 %100
214	MP1C	Z	-.245	-.245	0 %100
215	MP4C	X	.424	.424	0 %100
216	MP4C	Z	-.245	-.245	0 %100
217	MP2C	X	.424	.424	0 %100
218	MP2C	Z	-.245	-.245	0 %100
219	MP3C	X	.424	.424	0 %100
220	MP3C	Z	-.245	-.245	0 %100
221	MP1B	X	.424	.424	0 %100
222	MP1B	Z	-.245	-.245	0 %100
223	MP4B	X	.424	.424	0 %100
224	MP4B	Z	-.245	-.245	0 %100
225	MP2B	X	.424	.424	0 %100
226	MP2B	Z	-.245	-.245	0 %100
227	MP3B	X	.424	.424	0 %100
228	MP3B	Z	-.245	-.245	0 %100
229	M163	X	.00019	.00019	0 %100
230	M163	Z	-.00011	-.00011	0 %100
231	M164	X	.376	.376	0 %100
232	M164	Z	-.217	-.217	0 %100
233	M165	X	.393	.393	0 %100
234	M165	Z	-.227	-.227	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M51	X	0	0	%100
2	M51	Z	0	0	%100
3	M54	X	0	0	%100
4	M54	Z	0	0	%100
5	M89B	X	.489	.489	%100
6	M89B	Z	0	0	%100
7	M90A	X	.385	.385	%100
8	M90A	Z	0	0	%100
9	M89C	X	.489	.489	%100
10	M89C	Z	0	0	%100
11	M90C	X	.385	.385	%100
12	M90C	Z	0	0	%100
13	M87C	X	.061	.061	%100
14	M87C	Z	0	0	%100
15	M88C	X	.061	.061	%100
16	M88C	Z	0	0	%100
17	M89D	X	.385	.385	%100
18	M89D	Z	0	0	%100
19	M90B	X	.618	.618	%100
20	M90B	Z	0	0	%100
21	M91A	X	.618	.618	%100
22	M91A	Z	0	0	%100
23	M92A	X	.321	.321	%100
24	M92A	Z	0	0	%100
25	M86A	X	.618	.618	%100
26	M86A	Z	0	0	%100
27	M87D	X	.618	.618	%100
28	M87D	Z	0	0	%100
29	M87E	X	.313	.313	%100
30	M87E	Z	0	0	%100
31	M88D	X	.321	.321	%100
32	M88D	Z	0	0	%100
33	M89A	X	.618	.618	%100
34	M89A	Z	0	0	%100
35	M90	X	.618	.618	%100
36	M90	Z	0	0	%100
37	M91	X	.313	.313	%100
38	M91	Z	0	0	%100
39	M92	X	.321	.321	%100
40	M92	Z	0	0	%100
41	M82A	X	.061	.061	%100
42	M82A	Z	0	0	%100
43	M83A	X	.385	.385	%100
44	M83A	Z	0	0	%100
45	M84A	X	.061	.061	%100
46	M84A	Z	0	0	%100
47	M85A	X	.618	.618	%100
48	M85A	Z	0	0	%100
49	M86B	X	.618	.618	%100
50	M86B	Z	0	0	%100
51	M87F	X	.321	.321	%100
52	M87F	Z	0	0	%100
53	M88E	X	.618	.618	%100
54	M88E	Z	0	0	%100
55	M89E	X	.618	.618	%100
56	M89E	Z	0	0	%100
57	M90D	X	.321	.321	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in,%]	End Location[in,%]	
58	M90D	Z	0	0	0	%100
59	M91B	X	.618	.618	0	%100
60	M91B	Z	0	0	0	%100
61	M92B	X	.618	.618	0	%100
62	M92B	Z	0	0	0	%100
63	M93	X	.321	.321	0	%100
64	M93	Z	0	0	0	%100
65	M94	X	.313	.313	0	%100
66	M94	Z	0	0	0	%100
67	M95	X	.313	.313	0	%100
68	M95	Z	0	0	0	%100
69	M47	X	.444	.444	0	%100
70	M47	Z	0	0	0	%100
71	M48	X	.444	.444	0	%100
72	M48	Z	0	0	0	%100
73	M51A	X	.489	.489	0	%100
74	M51A	Z	0	0	0	%100
75	M52	X	.000965	.000965	0	%100
76	M52	Z	0	0	0	%100
77	M55	X	.489	.489	0	%100
78	M55	Z	0	0	0	%100
79	M56	X	.348	.348	0	%100
80	M56	Z	0	0	0	%100
81	M57	X	.000152	.000152	0	%100
82	M57	Z	0	0	0	%100
83	M58	X	.055	.055	0	0
84	M58	Z	0	0	0	0
85	M59	X	.000965	.000965	0	%100
86	M59	Z	0	0	0	%100
87	M60	X	.618	.618	0	%100
88	M60	Z	0	0	0	%100
89	M61	X	.618	.618	0	%100
90	M61	Z	0	0	0	%100
91	M62	X	.321	.321	0	%100
92	M62	Z	0	0	0	%100
93	M63	X	.618	.618	0	%100
94	M63	Z	0	0	0	%100
95	M64	X	.618	.618	0	%100
96	M64	Z	0	0	0	%100
97	M65	X	.208	.208	0	%100
98	M65	Z	0	0	0	%100
99	M66	X	.321	.321	0	%100
100	M66	Z	0	0	0	%100
101	M67	X	.618	.618	0	%100
102	M67	Z	0	0	0	%100
103	M68	X	.618	.618	0	%100
104	M68	Z	0	0	0	%100
105	M69	X	.208	.208	0	%100
106	M69	Z	0	0	0	%100
107	M70	X	.321	.321	0	%100
108	M70	Z	0	0	0	%100
109	M71	X	.000152	.000152	0	%100
110	M71	Z	0	0	0	%100
111	M72	X	.348	.348	0	%100
112	M72	Z	0	0	0	%100
113	M73	X	.055	.055	0	%100
114	M73	Z	0	0	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
115	M74	X	.618	.618	0 %100
116	M74	Z	0	0	0 %100
117	M75	X	.618	.618	0 %100
118	M75	Z	0	0	0 %100
119	M76	X	.321	.321	0 %100
120	M76	Z	0	0	0 %100
121	M77	X	.618	.618	0 %100
122	M77	Z	0	0	0 %100
123	M78	X	.618	.618	0 %100
124	M78	Z	0	0	0 %100
125	M79	X	.321	.321	0 %100
126	M79	Z	0	0	0 %100
127	M80	X	.618	.618	0 %100
128	M80	Z	0	0	0 %100
129	M81	X	.618	.618	0 %100
130	M81	Z	0	0	0 %100
131	M82	X	.321	.321	0 %100
132	M82	Z	0	0	0 %100
133	M83	X	.303	.303	0 %100
134	M83	Z	0	0	0 %100
135	M84	X	.303	.303	0 %100
136	M84	Z	0	0	0 %100
137	M93A	X	.444	.444	0 %100
138	M93A	Z	0	0	0 %100
139	M94A	X	.444	.444	0 %100
140	M94A	Z	0	0	0 %100
141	M97	X	.489	.489	0 %100
142	M97	Z	0	0	0 %100
143	M98	X	.348	.348	0 %100
144	M98	Z	0	0	0 %100
145	M101	X	.489	.489	0 %100
146	M101	Z	0	0	0 %100
147	M102	X	.000965	.000965	0 %100
148	M102	Z	0	0	0 %100
149	M103	X	.055	.055	0 0
150	M103	Z	0	0	0 0
151	M104	X	.000152	.000152	0 %100
152	M104	Z	0	0	0 %100
153	M105	X	.348	.348	0 %100
154	M105	Z	0	0	0 %100
155	M106	X	.618	.618	0 %100
156	M106	Z	0	0	0 %100
157	M107	X	.618	.618	0 %100
158	M107	Z	0	0	0 %100
159	M108	X	.321	.321	0 %100
160	M108	Z	0	0	0 %100
161	M109	X	.618	.618	0 %100
162	M109	Z	0	0	0 %100
163	M110	X	.618	.618	0 %100
164	M110	Z	0	0	0 %100
165	M111	X	.303	.303	0 %100
166	M111	Z	0	0	0 %100
167	M112	X	.321	.321	0 %100
168	M112	Z	0	0	0 %100
169	M113	X	.618	.618	0 %100
170	M113	Z	0	0	0 %100
171	M114	X	.618	.618	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
172	M114	Z	0	0	0	%100
173	M115	X	.303	.303	0	%100
174	M115	Z	0	0	0	%100
175	M116	X	.321	.321	0	%100
176	M116	Z	0	0	0	%100
177	M117	X	.055	.055	0	%100
178	M117	Z	0	0	0	%100
179	M118	X	.000965	.000965	0	%100
180	M118	Z	0	0	0	%100
181	M119	X	.000152	.000152	0	%100
182	M119	Z	0	0	0	%100
183	M120	X	.618	.618	0	%100
184	M120	Z	0	0	0	%100
185	M121	X	.618	.618	0	%100
186	M121	Z	0	0	0	%100
187	M122	X	.321	.321	0	%100
188	M122	Z	0	0	0	%100
189	M123	X	.618	.618	0	%100
190	M123	Z	0	0	0	%100
191	M124	X	.618	.618	0	%100
192	M124	Z	0	0	0	%100
193	M125	X	.321	.321	0	%100
194	M125	Z	0	0	0	%100
195	M126	X	.618	.618	0	%100
196	M126	Z	0	0	0	%100
197	M127	X	.618	.618	0	%100
198	M127	Z	0	0	0	%100
199	M128	X	.321	.321	0	%100
200	M128	Z	0	0	0	%100
201	M129	X	.208	.208	0	%100
202	M129	Z	0	0	0	%100
203	M130	X	.208	.208	0	%100
204	M130	Z	0	0	0	%100
205	MP1A	X	.489	.489	0	%100
206	MP1A	Z	0	0	0	%100
207	MP4A	X	.489	.489	0	%100
208	MP4A	Z	0	0	0	%100
209	MP2A	X	.489	.489	0	%100
210	MP2A	Z	0	0	0	%100
211	MP3A	X	.489	.489	0	%100
212	MP3A	Z	0	0	0	%100
213	MP1C	X	.489	.489	0	%100
214	MP1C	Z	0	0	0	%100
215	MP4C	X	.489	.489	0	%100
216	MP4C	Z	0	0	0	%100
217	MP2C	X	.489	.489	0	%100
218	MP2C	Z	0	0	0	%100
219	MP3C	X	.489	.489	0	%100
220	MP3C	Z	0	0	0	%100
221	MP1B	X	.489	.489	0	%100
222	MP1B	Z	0	0	0	%100
223	MP4B	X	.489	.489	0	%100
224	MP4B	Z	0	0	0	%100
225	MP2B	X	.489	.489	0	%100
226	MP2B	Z	0	0	0	%100
227	MP3B	X	.489	.489	0	%100
228	MP3B	Z	0	0	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
229	M163	X	.158	.158	0	%100
230	M163	Z	0	0	0	%100
231	M164	X	.138	.138	0	%100
232	M164	Z	0	0	0	%100
233	M165	X	.592	.592	0	%100
234	M165	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M51	X	.128	.128	0	%100
2	M51	Z	.074	.074	0	%100
3	M54	X	.128	.128	0	%100
4	M54	Z	.074	.074	0	%100
5	M89B	X	.424	.424	0	%100
6	M89B	Z	.245	.245	0	%100
7	M90A	X	.423	.423	0	%100
8	M90A	Z	.244	.244	0	%100
9	M89C	X	.424	.424	0	%100
10	M89C	Z	.245	.245	0	%100
11	M90C	X	.123	.123	0	%100
12	M90C	Z	.071	.071	0	%100
13	M87C	X	.067	.067	0	%100
14	M87C	Z	.039	.039	0	%100
15	M88C	X	.019	.019	0	%100
16	M88C	Z	.011	.011	0	%100
17	M89D	X	.423	.423	0	%100
18	M89D	Z	.244	.244	0	%100
19	M90B	X	.421	.421	0	%100
20	M90B	Z	.243	.243	0	%100
21	M91A	X	.421	.421	0	%100
22	M91A	Z	.243	.243	0	%100
23	M92A	X	.278	.278	0	%100
24	M92A	Z	.16	.16	0	%100
25	M86A	X	.421	.421	0	%100
26	M86A	Z	.243	.243	0	%100
27	M87D	X	.421	.421	0	%100
28	M87D	Z	.243	.243	0	%100
29	M87E	X	.296	.296	0	%100
30	M87E	Z	.171	.171	0	%100
31	M88D	X	.278	.278	0	%100
32	M88D	Z	.16	.16	0	%100
33	M89A	X	.421	.421	0	%100
34	M89A	Z	.243	.243	0	%100
35	M90	X	.421	.421	0	%100
36	M90	Z	.243	.243	0	%100
37	M91	X	.296	.296	0	%100
38	M91	Z	.171	.171	0	%100
39	M92	X	.278	.278	0	%100
40	M92	Z	.16	.16	0	%100
41	M82A	X	.067	.067	0	%100
42	M82A	Z	.039	.039	0	%100
43	M83A	X	.123	.123	0	%100
44	M83A	Z	.071	.071	0	%100
45	M84A	X	.019	.019	0	%100
46	M84A	Z	.011	.011	0	%100
47	M85A	X	.421	.421	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
48	M85A	Z	.243	.243	0 %100
49	M86B	X	.421	.421	0 %100
50	M86B	Z	.243	.243	0 %100
51	M87F	X	.278	.278	0 %100
52	M87F	Z	.16	.16	0 %100
53	M88E	X	.421	.421	0 %100
54	M88E	Z	.243	.243	0 %100
55	M89E	X	.421	.421	0 %100
56	M89E	Z	.243	.243	0 %100
57	M90D	X	.278	.278	0 %100
58	M90D	Z	.16	.16	0 %100
59	M91B	X	.421	.421	0 %100
60	M91B	Z	.243	.243	0 %100
61	M92B	X	.421	.421	0 %100
62	M92B	Z	.243	.243	0 %100
63	M93	X	.278	.278	0 %100
64	M93	Z	.16	.16	0 %100
65	M94	X	.213	.213	0 %100
66	M94	Z	.123	.123	0 %100
67	M95	X	.213	.213	0 %100
68	M95	Z	.123	.123	0 %100
69	M47	X	.128	.128	0 %100
70	M47	Z	.074	.074	0 %100
71	M48	X	.128	.128	0 %100
72	M48	Z	.074	.074	0 %100
73	M51A	X	.424	.424	0 %100
74	M51A	Z	.245	.245	0 %100
75	M52	X	.123	.123	0 %100
76	M52	Z	.071	.071	0 %100
77	M55	X	.424	.424	0 %100
78	M55	Z	.245	.245	0 %100
79	M56	X	.423	.423	0 %100
80	M56	Z	.244	.244	0 %100
81	M57	X	.019	.019	0 %100
82	M57	Z	.011	.011	0 %100
83	M58	X	.067	.067	0 0
84	M58	Z	.039	.039	0 0
85	M59	X	.123	.123	0 %100
86	M59	Z	.071	.071	0 %100
87	M60	X	.421	.421	0 %100
88	M60	Z	.243	.243	0 %100
89	M61	X	.421	.421	0 %100
90	M61	Z	.243	.243	0 %100
91	M62	X	.278	.278	0 %100
92	M62	Z	.16	.16	0 %100
93	M63	X	.421	.421	0 %100
94	M63	Z	.243	.243	0 %100
95	M64	X	.421	.421	0 %100
96	M64	Z	.243	.243	0 %100
97	M65	X	.213	.213	0 %100
98	M65	Z	.123	.123	0 %100
99	M66	X	.278	.278	0 %100
100	M66	Z	.16	.16	0 %100
101	M67	X	.421	.421	0 %100
102	M67	Z	.243	.243	0 %100
103	M68	X	.421	.421	0 %100
104	M68	Z	.243	.243	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.-%]	End Location[in.-%]
105	M69	X	.213	.213	0 %100
106	M69	Z	.123	.123	0 %100
107	M70	X	.278	.278	0 %100
108	M70	Z	.16	.16	0 %100
109	M71	X	.019	.019	0 %100
110	M71	Z	.011	.011	0 %100
111	M72	X	.423	.423	0 %100
112	M72	Z	.244	.244	0 %100
113	M73	X	.067	.067	0 %100
114	M73	Z	.039	.039	0 %100
115	M74	X	.421	.421	0 %100
116	M74	Z	.243	.243	0 %100
117	M75	X	.421	.421	0 %100
118	M75	Z	.243	.243	0 %100
119	M76	X	.278	.278	0 %100
120	M76	Z	.16	.16	0 %100
121	M77	X	.421	.421	0 %100
122	M77	Z	.243	.243	0 %100
123	M78	X	.421	.421	0 %100
124	M78	Z	.243	.243	0 %100
125	M79	X	.278	.278	0 %100
126	M79	Z	.16	.16	0 %100
127	M80	X	.421	.421	0 %100
128	M80	Z	.243	.243	0 %100
129	M81	X	.421	.421	0 %100
130	M81	Z	.243	.243	0 %100
131	M82	X	.278	.278	0 %100
132	M82	Z	.16	.16	0 %100
133	M83	X	.296	.296	0 %100
134	M83	Z	.171	.171	0 %100
135	M84	X	.296	.296	0 %100
136	M84	Z	.171	.171	0 %100
137	M93A	X	.513	.513	0 %100
138	M93A	Z	.296	.296	0 %100
139	M94A	X	.513	.513	0 %100
140	M94A	Z	.296	.296	0 %100
141	M97	X	.424	.424	0 %100
142	M97	Z	.245	.245	0 %100
143	M98	X	.09	.09	0 %100
144	M98	Z	.052	.052	0 %100
145	M101	X	.424	.424	0 %100
146	M101	Z	.245	.245	0 %100
147	M102	X	.09	.09	0 %100
148	M102	Z	.052	.052	0 %100
149	M103	X	.014	.014	0 0
150	M103	Z	.008	.008	0 0
151	M104	X	.014	.014	0 %100
152	M104	Z	.008	.008	0 %100
153	M105	X	.09	.09	0 %100
154	M105	Z	.052	.052	0 %100
155	M106	X	.421	.421	0 %100
156	M106	Z	.243	.243	0 %100
157	M107	X	.421	.421	0 %100
158	M107	Z	.243	.243	0 %100
159	M108	X	.278	.278	0 %100
160	M108	Z	.16	.16	0 %100
161	M109	X	.421	.421	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
162	M109	Z	.243	.243	0 %100
163	M110	X	.421	.421	0 %100
164	M110	Z	.243	.243	0 %100
165	M111	X	.204	.204	0 %100
166	M111	Z	.118	.118	0 %100
167	M112	X	.278	.278	0 %100
168	M112	Z	.16	.16	0 %100
169	M113	X	.421	.421	0 %100
170	M113	Z	.243	.243	0 %100
171	M114	X	.421	.421	0 %100
172	M114	Z	.243	.243	0 %100
173	M115	X	.204	.204	0 %100
174	M115	Z	.118	.118	0 %100
175	M116	X	.278	.278	0 %100
176	M116	Z	.16	.16	0 %100
177	M117	X	.014	.014	0 %100
178	M117	Z	.008	.008	0 %100
179	M118	X	.09	.09	0 %100
180	M118	Z	.052	.052	0 %100
181	M119	X	.014	.014	0 %100
182	M119	Z	.008	.008	0 %100
183	M120	X	.421	.421	0 %100
184	M120	Z	.243	.243	0 %100
185	M121	X	.421	.421	0 %100
186	M121	Z	.243	.243	0 %100
187	M122	X	.278	.278	0 %100
188	M122	Z	.16	.16	0 %100
189	M123	X	.421	.421	0 %100
190	M123	Z	.243	.243	0 %100
191	M124	X	.421	.421	0 %100
192	M124	Z	.243	.243	0 %100
193	M125	X	.278	.278	0 %100
194	M125	Z	.16	.16	0 %100
195	M126	X	.421	.421	0 %100
196	M126	Z	.243	.243	0 %100
197	M127	X	.421	.421	0 %100
198	M127	Z	.243	.243	0 %100
199	M128	X	.278	.278	0 %100
200	M128	Z	.16	.16	0 %100
201	M129	X	.204	.204	0 %100
202	M129	Z	.118	.118	0 %100
203	M130	X	.204	.204	0 %100
204	M130	Z	.118	.118	0 %100
205	MP1A	X	.424	.424	0 %100
206	MP1A	Z	.245	.245	0 %100
207	MP4A	X	.424	.424	0 %100
208	MP4A	Z	.245	.245	0 %100
209	MP2A	X	.424	.424	0 %100
210	MP2A	Z	.245	.245	0 %100
211	MP3A	X	.424	.424	0 %100
212	MP3A	Z	.245	.245	0 %100
213	MP1C	X	.424	.424	0 %100
214	MP1C	Z	.245	.245	0 %100
215	MP4C	X	.424	.424	0 %100
216	MP4C	Z	.245	.245	0 %100
217	MP2C	X	.424	.424	0 %100
218	MP2C	Z	.245	.245	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
219	MP3C	X	.424	.424	0	%100
220	MP3C	Z	.245	.245	0	%100
221	MP1B	X	.424	.424	0	%100
222	MP1B	Z	.245	.245	0	%100
223	MP4B	X	.424	.424	0	%100
224	MP4B	Z	.245	.245	0	%100
225	MP2B	X	.424	.424	0	%100
226	MP2B	Z	.245	.245	0	%100
227	MP3B	X	.424	.424	0	%100
228	MP3B	Z	.245	.245	0	%100
229	M163	X	.393	.393	0	%100
230	M163	Z	.227	.227	0	%100
231	M164	X	.00019	.00019	0	%100
232	M164	Z	.00011	.00011	0	%100
233	M165	X	.376	.376	0	%100
234	M165	Z	.217	.217	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M51	X	.222	.222	0	%100
2	M51	Z	.385	.385	0	%100
3	M54	X	.222	.222	0	%100
4	M54	Z	.385	.385	0	%100
5	M89B	X	.245	.245	0	%100
6	M89B	Z	.424	.424	0	%100
7	M90A	X	.174	.174	0	%100
8	M90A	Z	.301	.301	0	%100
9	M89C	X	.245	.245	0	%100
10	M89C	Z	.424	.424	0	%100
11	M90C	X	.000482	.000482	0	%100
12	M90C	Z	.000836	.000836	0	%100
13	M87C	X	.027	.027	0	%100
14	M87C	Z	.048	.048	0	%100
15	M88C	X	7.6e-5	7.6e-5	0	%100
16	M88C	Z	.000132	.000132	0	%100
17	M89D	X	.174	.174	0	%100
18	M89D	Z	.301	.301	0	%100
19	M90B	X	.112	.112	0	%100
20	M90B	Z	.194	.194	0	%100
21	M91A	X	.112	.112	0	%100
22	M91A	Z	.194	.194	0	%100
23	M92A	X	.16	.16	0	%100
24	M92A	Z	.278	.278	0	%100
25	M86A	X	.112	.112	0	%100
26	M86A	Z	.194	.194	0	%100
27	M87D	X	.112	.112	0	%100
28	M87D	Z	.194	.194	0	%100
29	M87E	X	.151	.151	0	%100
30	M87E	Z	.262	.262	0	%100
31	M88D	X	.16	.16	0	%100
32	M88D	Z	.278	.278	0	%100
33	M89A	X	.112	.112	0	%100
34	M89A	Z	.194	.194	0	%100
35	M90	X	.112	.112	0	%100
36	M90	Z	.194	.194	0	%100
37	M91	X	.151	.151	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
38	M91	Z	.262	.262	0 %100
39	M92	X	.16	.16	0 %100
40	M92	Z	.278	.278	0 %100
41	M82A	X	.027	.027	0 %100
42	M82A	Z	.048	.048	0 %100
43	M83A	X	.000482	.000482	0 %100
44	M83A	Z	.000836	.000836	0 %100
45	M84A	X	7.6e-5	7.6e-5	0 %100
46	M84A	Z	.000132	.000132	0 %100
47	M85A	X	.112	.112	0 %100
48	M85A	Z	.194	.194	0 %100
49	M86B	X	.112	.112	0 %100
50	M86B	Z	.194	.194	0 %100
51	M87F	X	.16	.16	0 %100
52	M87F	Z	.278	.278	0 %100
53	M88E	X	.112	.112	0 %100
54	M88E	Z	.194	.194	0 %100
55	M89E	X	.112	.112	0 %100
56	M89E	Z	.194	.194	0 %100
57	M90D	X	.16	.16	0 %100
58	M90D	Z	.278	.278	0 %100
59	M91B	X	.112	.112	0 %100
60	M91B	Z	.194	.194	0 %100
61	M92B	X	.112	.112	0 %100
62	M92B	Z	.194	.194	0 %100
63	M93	X	.16	.16	0 %100
64	M93	Z	.278	.278	0 %100
65	M94	X	.104	.104	0 %100
66	M94	Z	.18	.18	0 %100
67	M95	X	.104	.104	0 %100
68	M95	Z	.18	.18	0 %100
69	M47	X	0	0	0 %100
70	M47	Z	0	0	0 %100
71	M48	X	0	0	0 %100
72	M48	Z	0	0	0 %100
73	M51A	X	.245	.245	0 %100
74	M51A	Z	.424	.424	0 %100
75	M52	X	.193	.193	0 %100
76	M52	Z	.334	.334	0 %100
77	M55	X	.245	.245	0 %100
78	M55	Z	.424	.424	0 %100
79	M56	X	.193	.193	0 %100
80	M56	Z	.334	.334	0 %100
81	M57	X	.03	.03	0 %100
82	M57	Z	.053	.053	0 %100
83	M58	X	.03	.03	0 0
84	M58	Z	.053	.053	0 0
85	M59	X	.193	.193	0 %100
86	M59	Z	.334	.334	0 %100
87	M60	X	.112	.112	0 %100
88	M60	Z	.194	.194	0 %100
89	M61	X	.112	.112	0 %100
90	M61	Z	.194	.194	0 %100
91	M62	X	.16	.16	0 %100
92	M62	Z	.278	.278	0 %100
93	M63	X	.112	.112	0 %100
94	M63	Z	.194	.194	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
95	M64	X	.112	.112	0	%100
96	M64	Z	.194	.194	0	%100
97	M65	X	.157	.157	0	%100
98	M65	Z	.271	.271	0	%100
99	M66	X	.16	.16	0	%100
100	M66	Z	.278	.278	0	%100
101	M67	X	.112	.112	0	%100
102	M67	Z	.194	.194	0	%100
103	M68	X	.112	.112	0	%100
104	M68	Z	.194	.194	0	%100
105	M69	X	.157	.157	0	%100
106	M69	Z	.271	.271	0	%100
107	M70	X	.16	.16	0	%100
108	M70	Z	.278	.278	0	%100
109	M71	X	.03	.03	0	%100
110	M71	Z	.053	.053	0	%100
111	M72	X	.193	.193	0	%100
112	M72	Z	.334	.334	0	%100
113	M73	X	.03	.03	0	%100
114	M73	Z	.053	.053	0	%100
115	M74	X	.112	.112	0	%100
116	M74	Z	.194	.194	0	%100
117	M75	X	.112	.112	0	%100
118	M75	Z	.194	.194	0	%100
119	M76	X	.16	.16	0	%100
120	M76	Z	.278	.278	0	%100
121	M77	X	.112	.112	0	%100
122	M77	Z	.194	.194	0	%100
123	M78	X	.112	.112	0	%100
124	M78	Z	.194	.194	0	%100
125	M79	X	.16	.16	0	%100
126	M79	Z	.278	.278	0	%100
127	M80	X	.112	.112	0	%100
128	M80	Z	.194	.194	0	%100
129	M81	X	.112	.112	0	%100
130	M81	Z	.194	.194	0	%100
131	M82	X	.16	.16	0	%100
132	M82	Z	.278	.278	0	%100
133	M83	X	.157	.157	0	%100
134	M83	Z	.271	.271	0	%100
135	M84	X	.157	.157	0	%100
136	M84	Z	.271	.271	0	%100
137	M93A	X	.222	.222	0	%100
138	M93A	Z	.385	.385	0	%100
139	M94A	X	.222	.222	0	%100
140	M94A	Z	.385	.385	0	%100
141	M97	X	.245	.245	0	%100
142	M97	Z	.424	.424	0	%100
143	M98	X	.000482	.000482	0	%100
144	M98	Z	.000836	.000836	0	%100
145	M101	X	.245	.245	0	%100
146	M101	Z	.424	.424	0	%100
147	M102	X	.174	.174	0	%100
148	M102	Z	.301	.301	0	%100
149	M103	X	7.6e-5	7.6e-5	0	0
150	M103	Z	.000132	.000132	0	0
151	M104	X	.027	.027	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
209	MP2A	X	.245	.245	0	%100
210	MP2A	Z	.424	.424	0	%100
211	MP3A	X	.245	.245	0	%100
212	MP3A	Z	.424	.424	0	%100
213	MP1C	X	.245	.245	0	%100
214	MP1C	Z	.424	.424	0	%100
215	MP4C	X	.245	.245	0	%100
216	MP4C	Z	.424	.424	0	%100
217	MP2C	X	.245	.245	0	%100
218	MP2C	Z	.424	.424	0	%100
219	MP3C	X	.245	.245	0	%100
220	MP3C	Z	.424	.424	0	%100
221	MP1B	X	.245	.245	0	%100
222	MP1B	Z	.424	.424	0	%100
223	MP4B	X	.245	.245	0	%100
224	MP4B	Z	.424	.424	0	%100
225	MP2B	X	.245	.245	0	%100
226	MP2B	Z	.424	.424	0	%100
227	MP3B	X	.245	.245	0	%100
228	MP3B	Z	.424	.424	0	%100
229	M163	X	.296	.296	0	%100
230	M163	Z	.513	.513	0	%100
231	M164	X	.079	.079	0	%100
232	M164	Z	.137	.137	0	%100
233	M165	X	.069	.069	0	%100
234	M165	Z	.12	.12	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M51	X	0	0	0	%100
2	M51	Z	.592	.592	0	%100
3	M54	X	0	0	0	%100
4	M54	Z	.592	.592	0	%100
5	M89B	X	0	0	0	%100
6	M89B	Z	.489	.489	0	%100
7	M90A	X	0	0	0	%100
8	M90A	Z	.104	.104	0	%100
9	M89C	X	0	0	0	%100
10	M89C	Z	.489	.489	0	%100
11	M90C	X	0	0	0	%100
12	M90C	Z	.104	.104	0	%100
13	M87C	X	0	0	0	%100
14	M87C	Z	.016	.016	0	%100
15	M88C	X	0	0	0	%100
16	M88C	Z	.016	.016	0	%100
17	M89D	X	0	0	0	%100
18	M89D	Z	.104	.104	0	%100
19	M90B	X	0	0	0	%100
20	M90B	Z	.092	.092	0	%100
21	M91A	X	0	0	0	%100
22	M91A	Z	.092	.092	0	%100
23	M92A	X	0	0	0	%100
24	M92A	Z	.321	.321	0	%100
25	M86A	X	0	0	0	%100
26	M86A	Z	.092	.092	0	%100
27	M87D	X	0	0	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
28	M87D	Z	.092	.092	0 %100
29	M87E	X	0	0	0 %100
30	M87E	Z	.236	.236	0 %100
31	M88D	X	0	0	0 %100
32	M88D	Z	.321	.321	0 %100
33	M89A	X	0	0	0 %100
34	M89A	Z	.092	.092	0 %100
35	M90	X	0	0	0 %100
36	M90	Z	.092	.092	0 %100
37	M91	X	0	0	0 %100
38	M91	Z	.236	.236	0 %100
39	M92	X	0	0	0 %100
40	M92	Z	.321	.321	0 %100
41	M82A	X	0	0	0 %100
42	M82A	Z	.016	.016	0 %100
43	M83A	X	0	0	0 %100
44	M83A	Z	.104	.104	0 %100
45	M84A	X	0	0	0 %100
46	M84A	Z	.016	.016	0 %100
47	M85A	X	0	0	0 %100
48	M85A	Z	.092	.092	0 %100
49	M86B	X	0	0	0 %100
50	M86B	Z	.092	.092	0 %100
51	M87F	X	0	0	0 %100
52	M87F	Z	.321	.321	0 %100
53	M88E	X	0	0	0 %100
54	M88E	Z	.092	.092	0 %100
55	M89E	X	0	0	0 %100
56	M89E	Z	.092	.092	0 %100
57	M90D	X	0	0	0 %100
58	M90D	Z	.321	.321	0 %100
59	M91B	X	0	0	0 %100
60	M91B	Z	.092	.092	0 %100
61	M92B	X	0	0	0 %100
62	M92B	Z	.092	.092	0 %100
63	M93	X	0	0	0 %100
64	M93	Z	.321	.321	0 %100
65	M94	X	0	0	0 %100
66	M94	Z	.236	.236	0 %100
67	M95	X	0	0	0 %100
68	M95	Z	.236	.236	0 %100
69	M47	X	0	0	0 %100
70	M47	Z	.148	.148	0 %100
71	M48	X	0	0	0 %100
72	M48	Z	.148	.148	0 %100
73	M51A	X	0	0	0 %100
74	M51A	Z	.489	.489	0 %100
75	M52	X	0	0	0 %100
76	M52	Z	.488	.488	0 %100
77	M55	X	0	0	0 %100
78	M55	Z	.489	.489	0 %100
79	M56	X	0	0	0 %100
80	M56	Z	.142	.142	0 %100
81	M57	X	0	0	0 %100
82	M57	Z	.077	.077	0 %100
83	M58	X	0	0	0
84	M58	Z	.022	.022	0



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
85	M59	X	0	0	%100
86	M59	Z	.488	.488	%100
87	M60	X	0	0	%100
88	M60	Z	.092	.092	%100
89	M61	X	0	0	%100
90	M61	Z	.092	.092	%100
91	M62	X	0	0	%100
92	M62	Z	.321	.321	%100
93	M63	X	0	0	%100
94	M63	Z	.092	.092	%100
95	M64	X	0	0	%100
96	M64	Z	.092	.092	%100
97	M65	X	0	0	%100
98	M65	Z	.342	.342	%100
99	M66	X	0	0	%100
100	M66	Z	.321	.321	%100
101	M67	X	0	0	%100
102	M67	Z	.092	.092	%100
103	M68	X	0	0	%100
104	M68	Z	.092	.092	%100
105	M69	X	0	0	%100
106	M69	Z	.342	.342	%100
107	M70	X	0	0	%100
108	M70	Z	.321	.321	%100
109	M71	X	0	0	%100
110	M71	Z	.077	.077	%100
111	M72	X	0	0	%100
112	M72	Z	.142	.142	%100
113	M73	X	0	0	%100
114	M73	Z	.022	.022	%100
115	M74	X	0	0	%100
116	M74	Z	.092	.092	%100
117	M75	X	0	0	%100
118	M75	Z	.092	.092	%100
119	M76	X	0	0	%100
120	M76	Z	.321	.321	%100
121	M77	X	0	0	%100
122	M77	Z	.092	.092	%100
123	M78	X	0	0	%100
124	M78	Z	.092	.092	%100
125	M79	X	0	0	%100
126	M79	Z	.321	.321	%100
127	M80	X	0	0	%100
128	M80	Z	.092	.092	%100
129	M81	X	0	0	%100
130	M81	Z	.092	.092	%100
131	M82	X	0	0	%100
132	M82	Z	.321	.321	%100
133	M83	X	0	0	%100
134	M83	Z	.246	.246	%100
135	M84	X	0	0	%100
136	M84	Z	.246	.246	%100
137	M93A	X	0	0	%100
138	M93A	Z	.148	.148	%100
139	M94A	X	0	0	%100
140	M94A	Z	.148	.148	%100
141	M97	X	0	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
142	M97	Z	.489	.489	0 %100
143	M98	X	0	0	0 %100
144	M98	Z	.142	.142	0 %100
145	M101	X	0	0	0 %100
146	M101	Z	.489	.489	0 %100
147	M102	X	0	0	0 %100
148	M102	Z	.488	.488	0 %100
149	M103	X	0	0	0 0
150	M103	Z	.022	.022	0 0
151	M104	X	0	0	0 %100
152	M104	Z	.077	.077	0 %100
153	M105	X	0	0	0 %100
154	M105	Z	.142	.142	0 %100
155	M106	X	0	0	0 %100
156	M106	Z	.092	.092	0 %100
157	M107	X	0	0	0 %100
158	M107	Z	.092	.092	0 %100
159	M108	X	0	0	0 %100
160	M108	Z	.321	.321	0 %100
161	M109	X	0	0	0 %100
162	M109	Z	.092	.092	0 %100
163	M110	X	0	0	0 %100
164	M110	Z	.092	.092	0 %100
165	M111	X	0	0	0 %100
166	M111	Z	.246	.246	0 %100
167	M112	X	0	0	0 %100
168	M112	Z	.321	.321	0 %100
169	M113	X	0	0	0 %100
170	M113	Z	.092	.092	0 %100
171	M114	X	0	0	0 %100
172	M114	Z	.092	.092	0 %100
173	M115	X	0	0	0 %100
174	M115	Z	.246	.246	0 %100
175	M116	X	0	0	0 %100
176	M116	Z	.321	.321	0 %100
177	M117	X	0	0	0 %100
178	M117	Z	.022	.022	0 %100
179	M118	X	0	0	0 %100
180	M118	Z	.488	.488	0 %100
181	M119	X	0	0	0 %100
182	M119	Z	.077	.077	0 %100
183	M120	X	0	0	0 %100
184	M120	Z	.092	.092	0 %100
185	M121	X	0	0	0 %100
186	M121	Z	.092	.092	0 %100
187	M122	X	0	0	0 %100
188	M122	Z	.321	.321	0 %100
189	M123	X	0	0	0 %100
190	M123	Z	.092	.092	0 %100
191	M124	X	0	0	0 %100
192	M124	Z	.092	.092	0 %100
193	M125	X	0	0	0 %100
194	M125	Z	.321	.321	0 %100
195	M126	X	0	0	0 %100
196	M126	Z	.092	.092	0 %100
197	M127	X	0	0	0 %100
198	M127	Z	.092	.092	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
199	M128	X	0	0	0	%100
200	M128	Z	.321	.321	0	%100
201	M129	X	0	0	0	%100
202	M129	Z	.342	.342	0	%100
203	M130	X	0	0	0	%100
204	M130	Z	.342	.342	0	%100
205	MP1A	X	0	0	0	%100
206	MP1A	Z	.489	.489	0	%100
207	MP4A	X	0	0	0	%100
208	MP4A	Z	.489	.489	0	%100
209	MP2A	X	0	0	0	%100
210	MP2A	Z	.489	.489	0	%100
211	MP3A	X	0	0	0	%100
212	MP3A	Z	.489	.489	0	%100
213	MP1C	X	0	0	0	%100
214	MP1C	Z	.489	.489	0	%100
215	MP4C	X	0	0	0	%100
216	MP4C	Z	.489	.489	0	%100
217	MP2C	X	0	0	0	%100
218	MP2C	Z	.489	.489	0	%100
219	MP3C	X	0	0	0	%100
220	MP3C	Z	.489	.489	0	%100
221	MP1B	X	0	0	0	%100
222	MP1B	Z	.489	.489	0	%100
223	MP4B	X	0	0	0	%100
224	MP4B	Z	.489	.489	0	%100
225	MP2B	X	0	0	0	%100
226	MP2B	Z	.489	.489	0	%100
227	MP3B	X	0	0	0	%100
228	MP3B	Z	.489	.489	0	%100
229	M163	X	0	0	0	%100
230	M163	Z	.434	.434	0	%100
231	M164	X	0	0	0	%100
232	M164	Z	.454	.454	0	%100
233	M165	X	0	0	0	%100
234	M165	Z	.00022	.00022	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M51	X	-.222	-.222	0	%100
2	M51	Z	.385	.385	0	%100
3	M54	X	-.222	-.222	0	%100
4	M54	Z	.385	.385	0	%100
5	M89B	X	-.245	-.245	0	%100
6	M89B	Z	.424	.424	0	%100
7	M90A	X	-.000482	-.000482	0	%100
8	M90A	Z	.000836	.000836	0	%100
9	M89C	X	-.245	-.245	0	%100
10	M89C	Z	.424	.424	0	%100
11	M90C	X	-.174	-.174	0	%100
12	M90C	Z	.301	.301	0	%100
13	M87C	X	-7.6e-5	-7.6e-5	0	%100
14	M87C	Z	.000132	.000132	0	%100
15	M88C	X	-.027	-.027	0	%100
16	M88C	Z	.048	.048	0	%100
17	M89D	X	-.000482	-.000482	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
18	M89D	Z	.000836	.000836	0 %100
19	M90B	X	-.112	-.112	0 %100
20	M90B	Z	.194	.194	0 %100
21	M91A	X	-.112	-.112	0 %100
22	M91A	Z	.194	.194	0 %100
23	M92A	X	-.16	-.16	0 %100
24	M92A	Z	.278	.278	0 %100
25	M86A	X	-.112	-.112	0 %100
26	M86A	Z	.194	.194	0 %100
27	M87D	X	-.112	-.112	0 %100
28	M87D	Z	.194	.194	0 %100
29	M87E	X	-.104	-.104	0 %100
30	M87E	Z	.18	.18	0 %100
31	M88D	X	-.16	-.16	0 %100
32	M88D	Z	.278	.278	0 %100
33	M89A	X	-.112	-.112	0 %100
34	M89A	Z	.194	.194	0 %100
35	M90	X	-.112	-.112	0 %100
36	M90	Z	.194	.194	0 %100
37	M91	X	-.104	-.104	0 %100
38	M91	Z	.18	.18	0 %100
39	M92	X	-.16	-.16	0 %100
40	M92	Z	.278	.278	0 %100
41	M82A	X	-7.6e-5	-7.6e-5	0 %100
42	M82A	Z	.000132	.000132	0 %100
43	M83A	X	-.174	-.174	0 %100
44	M83A	Z	.301	.301	0 %100
45	M84A	X	-.027	-.027	0 %100
46	M84A	Z	.048	.048	0 %100
47	M85A	X	-.112	-.112	0 %100
48	M85A	Z	.194	.194	0 %100
49	M86B	X	-.112	-.112	0 %100
50	M86B	Z	.194	.194	0 %100
51	M87F	X	-.16	-.16	0 %100
52	M87F	Z	.278	.278	0 %100
53	M88E	X	-.112	-.112	0 %100
54	M88E	Z	.194	.194	0 %100
55	M89E	X	-.112	-.112	0 %100
56	M89E	Z	.194	.194	0 %100
57	M90D	X	-.16	-.16	0 %100
58	M90D	Z	.278	.278	0 %100
59	M91B	X	-.112	-.112	0 %100
60	M91B	Z	.194	.194	0 %100
61	M92B	X	-.112	-.112	0 %100
62	M92B	Z	.194	.194	0 %100
63	M93	X	-.16	-.16	0 %100
64	M93	Z	.278	.278	0 %100
65	M94	X	-.151	-.151	0 %100
66	M94	Z	.262	.262	0 %100
67	M95	X	-.151	-.151	0 %100
68	M95	Z	.262	.262	0 %100
69	M47	X	-.222	-.222	0 %100
70	M47	Z	.385	.385	0 %100
71	M48	X	-.222	-.222	0 %100
72	M48	Z	.385	.385	0 %100
73	M51A	X	-.245	-.245	0 %100
74	M51A	Z	.424	.424	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
75	M52	X	-.174	-.174	0 %100
76	M52	Z	.301	.301	0 %100
77	M55	X	-.245	-.245	0 %100
78	M55	Z	.424	.424	0 %100
79	M56	X	-.000482	-.000482	0 %100
80	M56	Z	.000836	.000836	0 %100
81	M57	X	-.027	-.027	0 %100
82	M57	Z	.048	.048	0 %100
83	M58	X	-7.6e-5	-7.6e-5	0 0
84	M58	Z	.000132	.000132	0 0
85	M59	X	-.174	-.174	0 %100
86	M59	Z	.301	.301	0 %100
87	M60	X	-.112	-.112	0 %100
88	M60	Z	.194	.194	0 %100
89	M61	X	-.112	-.112	0 %100
90	M61	Z	.194	.194	0 %100
91	M62	X	-.16	-.16	0 %100
92	M62	Z	.278	.278	0 %100
93	M63	X	-.112	-.112	0 %100
94	M63	Z	.194	.194	0 %100
95	M64	X	-.112	-.112	0 %100
96	M64	Z	.194	.194	0 %100
97	M65	X	-.151	-.151	0 %100
98	M65	Z	.262	.262	0 %100
99	M66	X	-.16	-.16	0 %100
100	M66	Z	.278	.278	0 %100
101	M67	X	-.112	-.112	0 %100
102	M67	Z	.194	.194	0 %100
103	M68	X	-.112	-.112	0 %100
104	M68	Z	.194	.194	0 %100
105	M69	X	-.151	-.151	0 %100
106	M69	Z	.262	.262	0 %100
107	M70	X	-.16	-.16	0 %100
108	M70	Z	.278	.278	0 %100
109	M71	X	-.027	-.027	0 %100
110	M71	Z	.048	.048	0 %100
111	M72	X	-.000482	-.000482	0 %100
112	M72	Z	.000836	.000836	0 %100
113	M73	X	-7.6e-5	-7.6e-5	0 %100
114	M73	Z	.000132	.000132	0 %100
115	M74	X	-.112	-.112	0 %100
116	M74	Z	.194	.194	0 %100
117	M75	X	-.112	-.112	0 %100
118	M75	Z	.194	.194	0 %100
119	M76	X	-.16	-.16	0 %100
120	M76	Z	.278	.278	0 %100
121	M77	X	-.112	-.112	0 %100
122	M77	Z	.194	.194	0 %100
123	M78	X	-.112	-.112	0 %100
124	M78	Z	.194	.194	0 %100
125	M79	X	-.16	-.16	0 %100
126	M79	Z	.278	.278	0 %100
127	M80	X	-.112	-.112	0 %100
128	M80	Z	.194	.194	0 %100
129	M81	X	-.112	-.112	0 %100
130	M81	Z	.194	.194	0 %100
131	M82	X	-.16	-.16	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
132	M82	Z	.278	.278	0 %100
133	M83	X	-.104	-.104	0 %100
134	M83	Z	.18	.18	0 %100
135	M84	X	-.104	-.104	0 %100
136	M84	Z	.18	.18	0 %100
137	M93A	X	0	0	0 %100
138	M93A	Z	0	0	0 %100
139	M94A	X	0	0	0 %100
140	M94A	Z	0	0	0 %100
141	M97	X	-.245	-.245	0 %100
142	M97	Z	.424	.424	0 %100
143	M98	X	-.193	-.193	0 %100
144	M98	Z	.334	.334	0 %100
145	M101	X	-.245	-.245	0 %100
146	M101	Z	.424	.424	0 %100
147	M102	X	-.193	-.193	0 %100
148	M102	Z	.334	.334	0 %100
149	M103	X	-.03	-.03	0 0
150	M103	Z	.053	.053	0 0
151	M104	X	-.03	-.03	0 %100
152	M104	Z	.053	.053	0 %100
153	M105	X	-.193	-.193	0 %100
154	M105	Z	.334	.334	0 %100
155	M106	X	-.112	-.112	0 %100
156	M106	Z	.194	.194	0 %100
157	M107	X	-.112	-.112	0 %100
158	M107	Z	.194	.194	0 %100
159	M108	X	-.16	-.16	0 %100
160	M108	Z	.278	.278	0 %100
161	M109	X	-.112	-.112	0 %100
162	M109	Z	.194	.194	0 %100
163	M110	X	-.112	-.112	0 %100
164	M110	Z	.194	.194	0 %100
165	M111	X	-.157	-.157	0 %100
166	M111	Z	.271	.271	0 %100
167	M112	X	-.16	-.16	0 %100
168	M112	Z	.278	.278	0 %100
169	M113	X	-.112	-.112	0 %100
170	M113	Z	.194	.194	0 %100
171	M114	X	-.112	-.112	0 %100
172	M114	Z	.194	.194	0 %100
173	M115	X	-.157	-.157	0 %100
174	M115	Z	.271	.271	0 %100
175	M116	X	-.16	-.16	0 %100
176	M116	Z	.278	.278	0 %100
177	M117	X	-.03	-.03	0 %100
178	M117	Z	.053	.053	0 %100
179	M118	X	-.193	-.193	0 %100
180	M118	Z	.334	.334	0 %100
181	M119	X	-.03	-.03	0 %100
182	M119	Z	.053	.053	0 %100
183	M120	X	-.112	-.112	0 %100
184	M120	Z	.194	.194	0 %100
185	M121	X	-.112	-.112	0 %100
186	M121	Z	.194	.194	0 %100
187	M122	X	-.16	-.16	0 %100
188	M122	Z	.278	.278	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
189	M123	X	-.112	-.112	0	%100
190	M123	Z	.194	.194	0	%100
191	M124	X	-.112	-.112	0	%100
192	M124	Z	.194	.194	0	%100
193	M125	X	-.16	-.16	0	%100
194	M125	Z	.278	.278	0	%100
195	M126	X	-.112	-.112	0	%100
196	M126	Z	.194	.194	0	%100
197	M127	X	-.112	-.112	0	%100
198	M127	Z	.194	.194	0	%100
199	M128	X	-.16	-.16	0	%100
200	M128	Z	.278	.278	0	%100
201	M129	X	-.157	-.157	0	%100
202	M129	Z	.271	.271	0	%100
203	M130	X	-.157	-.157	0	%100
204	M130	Z	.271	.271	0	%100
205	MP1A	X	-.245	-.245	0	%100
206	MP1A	Z	.424	.424	0	%100
207	MP4A	X	-.245	-.245	0	%100
208	MP4A	Z	.424	.424	0	%100
209	MP2A	X	-.245	-.245	0	%100
210	MP2A	Z	.424	.424	0	%100
211	MP3A	X	-.245	-.245	0	%100
212	MP3A	Z	.424	.424	0	%100
213	MP1C	X	-.245	-.245	0	%100
214	MP1C	Z	.424	.424	0	%100
215	MP4C	X	-.245	-.245	0	%100
216	MP4C	Z	.424	.424	0	%100
217	MP2C	X	-.245	-.245	0	%100
218	MP2C	Z	.424	.424	0	%100
219	MP3C	X	-.245	-.245	0	%100
220	MP3C	Z	.424	.424	0	%100
221	MP1B	X	-.245	-.245	0	%100
222	MP1B	Z	.424	.424	0	%100
223	MP4B	X	-.245	-.245	0	%100
224	MP4B	Z	.424	.424	0	%100
225	MP2B	X	-.245	-.245	0	%100
226	MP2B	Z	.424	.424	0	%100
227	MP3B	X	-.245	-.245	0	%100
228	MP3B	Z	.424	.424	0	%100
229	M163	X	-.069	-.069	0	%100
230	M163	Z	.12	.12	0	%100
231	M164	X	-.296	-.296	0	%100
232	M164	Z	.513	.513	0	%100
233	M165	X	-.079	-.079	0	%100
234	M165	Z	.137	.137	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M51	X	-.128	-.128	0	%100
2	M51	Z	.074	.074	0	%100
3	M54	X	-.128	-.128	0	%100
4	M54	Z	.074	.074	0	%100
5	M89B	X	-.424	-.424	0	%100
6	M89B	Z	.245	.245	0	%100
7	M90A	X	-.123	-.123	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
8	M90A	Z	.071	.071	0 %100
9	M89C	X	-.424	-.424	0 %100
10	M89C	Z	.245	.245	0 %100
11	M90C	X	-.423	-.423	0 %100
12	M90C	Z	.244	.244	0 %100
13	M87C	X	-.019	-.019	0 %100
14	M87C	Z	.011	.011	0 %100
15	M88C	X	-.067	-.067	0 %100
16	M88C	Z	.039	.039	0 %100
17	M89D	X	-.123	-.123	0 %100
18	M89D	Z	.071	.071	0 %100
19	M90B	X	-.421	-.421	0 %100
20	M90B	Z	.243	.243	0 %100
21	M91A	X	-.421	-.421	0 %100
22	M91A	Z	.243	.243	0 %100
23	M92A	X	-.278	-.278	0 %100
24	M92A	Z	.16	.16	0 %100
25	M86A	X	-.421	-.421	0 %100
26	M86A	Z	.243	.243	0 %100
27	M87D	X	-.421	-.421	0 %100
28	M87D	Z	.243	.243	0 %100
29	M87E	X	-.213	-.213	0 %100
30	M87E	Z	.123	.123	0 %100
31	M88D	X	-.278	-.278	0 %100
32	M88D	Z	.16	.16	0 %100
33	M89A	X	-.421	-.421	0 %100
34	M89A	Z	.243	.243	0 %100
35	M90	X	-.421	-.421	0 %100
36	M90	Z	.243	.243	0 %100
37	M91	X	-.213	-.213	0 %100
38	M91	Z	.123	.123	0 %100
39	M92	X	-.278	-.278	0 %100
40	M92	Z	.16	.16	0 %100
41	M82A	X	-.019	-.019	0 %100
42	M82A	Z	.011	.011	0 %100
43	M83A	X	-.423	-.423	0 %100
44	M83A	Z	.244	.244	0 %100
45	M84A	X	-.067	-.067	0 %100
46	M84A	Z	.039	.039	0 %100
47	M85A	X	-.421	-.421	0 %100
48	M85A	Z	.243	.243	0 %100
49	M86B	X	-.421	-.421	0 %100
50	M86B	Z	.243	.243	0 %100
51	M87F	X	-.278	-.278	0 %100
52	M87F	Z	.16	.16	0 %100
53	M88E	X	-.421	-.421	0 %100
54	M88E	Z	.243	.243	0 %100
55	M89E	X	-.421	-.421	0 %100
56	M89E	Z	.243	.243	0 %100
57	M90D	X	-.278	-.278	0 %100
58	M90D	Z	.16	.16	0 %100
59	M91B	X	-.421	-.421	0 %100
60	M91B	Z	.243	.243	0 %100
61	M92B	X	-.421	-.421	0 %100
62	M92B	Z	.243	.243	0 %100
63	M93	X	-.278	-.278	0 %100
64	M93	Z	.16	.16	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
65	M94	X	-.296	-.296	0 %100
66	M94	Z	.171	.171	0 %100
67	M95	X	-.296	-.296	0 %100
68	M95	Z	.171	.171	0 %100
69	M47	X	-.513	-.513	0 %100
70	M47	Z	.296	.296	0 %100
71	M48	X	-.513	-.513	0 %100
72	M48	Z	.296	.296	0 %100
73	M51A	X	-.424	-.424	0 %100
74	M51A	Z	.245	.245	0 %100
75	M52	X	-.09	-.09	0 %100
76	M52	Z	.052	.052	0 %100
77	M55	X	-.424	-.424	0 %100
78	M55	Z	.245	.245	0 %100
79	M56	X	-.09	-.09	0 %100
80	M56	Z	.052	.052	0 %100
81	M57	X	-.014	-.014	0 %100
82	M57	Z	.008	.008	0 %100
83	M58	X	-.014	-.014	0 0
84	M58	Z	.008	.008	0 0
85	M59	X	-.09	-.09	0 %100
86	M59	Z	.052	.052	0 %100
87	M60	X	-.421	-.421	0 %100
88	M60	Z	.243	.243	0 %100
89	M61	X	-.421	-.421	0 %100
90	M61	Z	.243	.243	0 %100
91	M62	X	-.278	-.278	0 %100
92	M62	Z	.16	.16	0 %100
93	M63	X	-.421	-.421	0 %100
94	M63	Z	.243	.243	0 %100
95	M64	X	-.421	-.421	0 %100
96	M64	Z	.243	.243	0 %100
97	M65	X	-.204	-.204	0 %100
98	M65	Z	.118	.118	0 %100
99	M66	X	-.278	-.278	0 %100
100	M66	Z	.16	.16	0 %100
101	M67	X	-.421	-.421	0 %100
102	M67	Z	.243	.243	0 %100
103	M68	X	-.421	-.421	0 %100
104	M68	Z	.243	.243	0 %100
105	M69	X	-.204	-.204	0 %100
106	M69	Z	.118	.118	0 %100
107	M70	X	-.278	-.278	0 %100
108	M70	Z	.16	.16	0 %100
109	M71	X	-.014	-.014	0 %100
110	M71	Z	.008	.008	0 %100
111	M72	X	-.09	-.09	0 %100
112	M72	Z	.052	.052	0 %100
113	M73	X	-.014	-.014	0 %100
114	M73	Z	.008	.008	0 %100
115	M74	X	-.421	-.421	0 %100
116	M74	Z	.243	.243	0 %100
117	M75	X	-.421	-.421	0 %100
118	M75	Z	.243	.243	0 %100
119	M76	X	-.278	-.278	0 %100
120	M76	Z	.16	.16	0 %100
121	M77	X	-.421	-.421	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
179	M118	X	-.123	-.123	0 %100
180	M118	Z	.071	.071	0 %100
181	M119	X	-.019	-.019	0 %100
182	M119	Z	.011	.011	0 %100
183	M120	X	-.421	-.421	0 %100
184	M120	Z	.243	.243	0 %100
185	M121	X	-.421	-.421	0 %100
186	M121	Z	.243	.243	0 %100
187	M122	X	-.278	-.278	0 %100
188	M122	Z	.16	.16	0 %100
189	M123	X	-.421	-.421	0 %100
190	M123	Z	.243	.243	0 %100
191	M124	X	-.421	-.421	0 %100
192	M124	Z	.243	.243	0 %100
193	M125	X	-.278	-.278	0 %100
194	M125	Z	.16	.16	0 %100
195	M126	X	-.421	-.421	0 %100
196	M126	Z	.243	.243	0 %100
197	M127	X	-.421	-.421	0 %100
198	M127	Z	.243	.243	0 %100
199	M128	X	-.278	-.278	0 %100
200	M128	Z	.16	.16	0 %100
201	M129	X	-.213	-.213	0 %100
202	M129	Z	.123	.123	0 %100
203	M130	X	-.213	-.213	0 %100
204	M130	Z	.123	.123	0 %100
205	MP1A	X	-.424	-.424	0 %100
206	MP1A	Z	.245	.245	0 %100
207	MP4A	X	-.424	-.424	0 %100
208	MP4A	Z	.245	.245	0 %100
209	MP2A	X	-.424	-.424	0 %100
210	MP2A	Z	.245	.245	0 %100
211	MP3A	X	-.424	-.424	0 %100
212	MP3A	Z	.245	.245	0 %100
213	MP1C	X	-.424	-.424	0 %100
214	MP1C	Z	.245	.245	0 %100
215	MP4C	X	-.424	-.424	0 %100
216	MP4C	Z	.245	.245	0 %100
217	MP2C	X	-.424	-.424	0 %100
218	MP2C	Z	.245	.245	0 %100
219	MP3C	X	-.424	-.424	0 %100
220	MP3C	Z	.245	.245	0 %100
221	MP1B	X	-.424	-.424	0 %100
222	MP1B	Z	.245	.245	0 %100
223	MP4B	X	-.424	-.424	0 %100
224	MP4B	Z	.245	.245	0 %100
225	MP2B	X	-.424	-.424	0 %100
226	MP2B	Z	.245	.245	0 %100
227	MP3B	X	-.424	-.424	0 %100
228	MP3B	Z	.245	.245	0 %100
229	M163	X	-.00019	-.00019	0 %100
230	M163	Z	.00011	.00011	0 %100
231	M164	X	-.376	-.376	0 %100
232	M164	Z	.217	.217	0 %100
233	M165	X	-.393	-.393	0 %100
234	M165	Z	.227	.227	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
1	M51	X	0	0	0	%100
2	M51	Z	0	0	0	%100
3	M54	X	0	0	0	%100
4	M54	Z	0	0	0	%100
5	M89B	X	-.489	-.489	0	%100
6	M89B	Z	0	0	0	%100
7	M90A	X	-.385	-.385	0	%100
8	M90A	Z	0	0	0	%100
9	M89C	X	-.489	-.489	0	%100
10	M89C	Z	0	0	0	%100
11	M90C	X	-.385	-.385	0	%100
12	M90C	Z	0	0	0	%100
13	M87C	X	-.061	-.061	0	%100
14	M87C	Z	0	0	0	%100
15	M88C	X	-.061	-.061	0	%100
16	M88C	Z	0	0	0	%100
17	M89D	X	-.385	-.385	0	%100
18	M89D	Z	0	0	0	%100
19	M90B	X	-.618	-.618	0	%100
20	M90B	Z	0	0	0	%100
21	M91A	X	-.618	-.618	0	%100
22	M91A	Z	0	0	0	%100
23	M92A	X	-.321	-.321	0	%100
24	M92A	Z	0	0	0	%100
25	M86A	X	-.618	-.618	0	%100
26	M86A	Z	0	0	0	%100
27	M87D	X	-.618	-.618	0	%100
28	M87D	Z	0	0	0	%100
29	M87E	X	-.313	-.313	0	%100
30	M87E	Z	0	0	0	%100
31	M88D	X	-.321	-.321	0	%100
32	M88D	Z	0	0	0	%100
33	M89A	X	-.618	-.618	0	%100
34	M89A	Z	0	0	0	%100
35	M90	X	-.618	-.618	0	%100
36	M90	Z	0	0	0	%100
37	M91	X	-.313	-.313	0	%100
38	M91	Z	0	0	0	%100
39	M92	X	-.321	-.321	0	%100
40	M92	Z	0	0	0	%100
41	M82A	X	-.061	-.061	0	%100
42	M82A	Z	0	0	0	%100
43	M83A	X	-.385	-.385	0	%100
44	M83A	Z	0	0	0	%100
45	M84A	X	-.061	-.061	0	%100
46	M84A	Z	0	0	0	%100
47	M85A	X	-.618	-.618	0	%100
48	M85A	Z	0	0	0	%100
49	M86B	X	-.618	-.618	0	%100
50	M86B	Z	0	0	0	%100
51	M87F	X	-.321	-.321	0	%100
52	M87F	Z	0	0	0	%100
53	M88E	X	-.618	-.618	0	%100
54	M88E	Z	0	0	0	%100
55	M89E	X	-.618	-.618	0	%100
56	M89E	Z	0	0	0	%100
57	M90D	X	-.321	-.321	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]	
58	M90D	Z	0	0	0	%100
59	M91B	X	-.618	-.618	0	%100
60	M91B	Z	0	0	0	%100
61	M92B	X	-.618	-.618	0	%100
62	M92B	Z	0	0	0	%100
63	M93	X	-.321	-.321	0	%100
64	M93	Z	0	0	0	%100
65	M94	X	-.313	-.313	0	%100
66	M94	Z	0	0	0	%100
67	M95	X	-.313	-.313	0	%100
68	M95	Z	0	0	0	%100
69	M47	X	-.444	-.444	0	%100
70	M47	Z	0	0	0	%100
71	M48	X	-.444	-.444	0	%100
72	M48	Z	0	0	0	%100
73	M51A	X	-.489	-.489	0	%100
74	M51A	Z	0	0	0	%100
75	M52	X	-.000965	-.000965	0	%100
76	M52	Z	0	0	0	%100
77	M55	X	-.489	-.489	0	%100
78	M55	Z	0	0	0	%100
79	M56	X	-.348	-.348	0	%100
80	M56	Z	0	0	0	%100
81	M57	X	-.000152	-.000152	0	%100
82	M57	Z	0	0	0	%100
83	M58	X	-.055	-.055	0	0
84	M58	Z	0	0	0	0
85	M59	X	-.000965	-.000965	0	%100
86	M59	Z	0	0	0	%100
87	M60	X	-.618	-.618	0	%100
88	M60	Z	0	0	0	%100
89	M61	X	-.618	-.618	0	%100
90	M61	Z	0	0	0	%100
91	M62	X	-.321	-.321	0	%100
92	M62	Z	0	0	0	%100
93	M63	X	-.618	-.618	0	%100
94	M63	Z	0	0	0	%100
95	M64	X	-.618	-.618	0	%100
96	M64	Z	0	0	0	%100
97	M65	X	-.208	-.208	0	%100
98	M65	Z	0	0	0	%100
99	M66	X	-.321	-.321	0	%100
100	M66	Z	0	0	0	%100
101	M67	X	-.618	-.618	0	%100
102	M67	Z	0	0	0	%100
103	M68	X	-.618	-.618	0	%100
104	M68	Z	0	0	0	%100
105	M69	X	-.208	-.208	0	%100
106	M69	Z	0	0	0	%100
107	M70	X	-.321	-.321	0	%100
108	M70	Z	0	0	0	%100
109	M71	X	-.000152	-.000152	0	%100
110	M71	Z	0	0	0	%100
111	M72	X	-.348	-.348	0	%100
112	M72	Z	0	0	0	%100
113	M73	X	-.055	-.055	0	%100
114	M73	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
115	M74	X	-618	-618	0 %100
116	M74	Z	0	0	0 %100
117	M75	X	-618	-618	0 %100
118	M75	Z	0	0	0 %100
119	M76	X	-321	-321	0 %100
120	M76	Z	0	0	0 %100
121	M77	X	-618	-618	0 %100
122	M77	Z	0	0	0 %100
123	M78	X	-618	-618	0 %100
124	M78	Z	0	0	0 %100
125	M79	X	-321	-321	0 %100
126	M79	Z	0	0	0 %100
127	M80	X	-618	-618	0 %100
128	M80	Z	0	0	0 %100
129	M81	X	-618	-618	0 %100
130	M81	Z	0	0	0 %100
131	M82	X	-321	-321	0 %100
132	M82	Z	0	0	0 %100
133	M83	X	-303	-303	0 %100
134	M83	Z	0	0	0 %100
135	M84	X	-303	-303	0 %100
136	M84	Z	0	0	0 %100
137	M93A	X	-444	-444	0 %100
138	M93A	Z	0	0	0 %100
139	M94A	X	-444	-444	0 %100
140	M94A	Z	0	0	0 %100
141	M97	X	-489	-489	0 %100
142	M97	Z	0	0	0 %100
143	M98	X	-348	-348	0 %100
144	M98	Z	0	0	0 %100
145	M101	X	-489	-489	0 %100
146	M101	Z	0	0	0 %100
147	M102	X	-0.000965	-0.000965	0 %100
148	M102	Z	0	0	0 %100
149	M103	X	-0.055	-0.055	0 0
150	M103	Z	0	0	0 0
151	M104	X	-0.000152	-0.000152	0 %100
152	M104	Z	0	0	0 %100
153	M105	X	-348	-348	0 %100
154	M105	Z	0	0	0 %100
155	M106	X	-618	-618	0 %100
156	M106	Z	0	0	0 %100
157	M107	X	-618	-618	0 %100
158	M107	Z	0	0	0 %100
159	M108	X	-321	-321	0 %100
160	M108	Z	0	0	0 %100
161	M109	X	-618	-618	0 %100
162	M109	Z	0	0	0 %100
163	M110	X	-618	-618	0 %100
164	M110	Z	0	0	0 %100
165	M111	X	-303	-303	0 %100
166	M111	Z	0	0	0 %100
167	M112	X	-321	-321	0 %100
168	M112	Z	0	0	0 %100
169	M113	X	-618	-618	0 %100
170	M113	Z	0	0	0 %100
171	M114	X	-618	-618	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
172	M114	Z	0	0	0	%100
173	M115	X	-.303	-.303	0	%100
174	M115	Z	0	0	0	%100
175	M116	X	-.321	-.321	0	%100
176	M116	Z	0	0	0	%100
177	M117	X	-.055	-.055	0	%100
178	M117	Z	0	0	0	%100
179	M118	X	-.000965	-.000965	0	%100
180	M118	Z	0	0	0	%100
181	M119	X	-.000152	-.000152	0	%100
182	M119	Z	0	0	0	%100
183	M120	X	-.618	-.618	0	%100
184	M120	Z	0	0	0	%100
185	M121	X	-.618	-.618	0	%100
186	M121	Z	0	0	0	%100
187	M122	X	-.321	-.321	0	%100
188	M122	Z	0	0	0	%100
189	M123	X	-.618	-.618	0	%100
190	M123	Z	0	0	0	%100
191	M124	X	-.618	-.618	0	%100
192	M124	Z	0	0	0	%100
193	M125	X	-.321	-.321	0	%100
194	M125	Z	0	0	0	%100
195	M126	X	-.618	-.618	0	%100
196	M126	Z	0	0	0	%100
197	M127	X	-.618	-.618	0	%100
198	M127	Z	0	0	0	%100
199	M128	X	-.321	-.321	0	%100
200	M128	Z	0	0	0	%100
201	M129	X	-.208	-.208	0	%100
202	M129	Z	0	0	0	%100
203	M130	X	-.208	-.208	0	%100
204	M130	Z	0	0	0	%100
205	MP1A	X	-.489	-.489	0	%100
206	MP1A	Z	0	0	0	%100
207	MP4A	X	-.489	-.489	0	%100
208	MP4A	Z	0	0	0	%100
209	MP2A	X	-.489	-.489	0	%100
210	MP2A	Z	0	0	0	%100
211	MP3A	X	-.489	-.489	0	%100
212	MP3A	Z	0	0	0	%100
213	MP1C	X	-.489	-.489	0	%100
214	MP1C	Z	0	0	0	%100
215	MP4C	X	-.489	-.489	0	%100
216	MP4C	Z	0	0	0	%100
217	MP2C	X	-.489	-.489	0	%100
218	MP2C	Z	0	0	0	%100
219	MP3C	X	-.489	-.489	0	%100
220	MP3C	Z	0	0	0	%100
221	MP1B	X	-.489	-.489	0	%100
222	MP1B	Z	0	0	0	%100
223	MP4B	X	-.489	-.489	0	%100
224	MP4B	Z	0	0	0	%100
225	MP2B	X	-.489	-.489	0	%100
226	MP2B	Z	0	0	0	%100
227	MP3B	X	-.489	-.489	0	%100
228	MP3B	Z	0	0	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
229	M163	X	- .158	- .158	0	%100
230	M163	Z	0	0	0	%100
231	M164	X	- .138	- .138	0	%100
232	M164	Z	0	0	0	%100
233	M165	X	- .592	- .592	0	%100
234	M165	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M51	X	- .128	- .128	0	%100
2	M51	Z	- .074	- .074	0	%100
3	M54	X	- .128	- .128	0	%100
4	M54	Z	- .074	- .074	0	%100
5	M89B	X	- .424	- .424	0	%100
6	M89B	Z	- .245	- .245	0	%100
7	M90A	X	- .423	- .423	0	%100
8	M90A	Z	- .244	- .244	0	%100
9	M89C	X	- .424	- .424	0	%100
10	M89C	Z	- .245	- .245	0	%100
11	M90C	X	- .123	- .123	0	%100
12	M90C	Z	- .071	- .071	0	%100
13	M87C	X	- .067	- .067	0	%100
14	M87C	Z	- .039	- .039	0	%100
15	M88C	X	- .019	- .019	0	%100
16	M88C	Z	- .011	- .011	0	%100
17	M89D	X	- .423	- .423	0	%100
18	M89D	Z	- .244	- .244	0	%100
19	M90B	X	- .421	- .421	0	%100
20	M90B	Z	- .243	- .243	0	%100
21	M91A	X	- .421	- .421	0	%100
22	M91A	Z	- .243	- .243	0	%100
23	M92A	X	- .278	- .278	0	%100
24	M92A	Z	- .16	- .16	0	%100
25	M86A	X	- .421	- .421	0	%100
26	M86A	Z	- .243	- .243	0	%100
27	M87D	X	- .421	- .421	0	%100
28	M87D	Z	- .243	- .243	0	%100
29	M87E	X	- .296	- .296	0	%100
30	M87E	Z	- .171	- .171	0	%100
31	M88D	X	- .278	- .278	0	%100
32	M88D	Z	- .16	- .16	0	%100
33	M89A	X	- .421	- .421	0	%100
34	M89A	Z	- .243	- .243	0	%100
35	M90	X	- .421	- .421	0	%100
36	M90	Z	- .243	- .243	0	%100
37	M91	X	- .296	- .296	0	%100
38	M91	Z	- .171	- .171	0	%100
39	M92	X	- .278	- .278	0	%100
40	M92	Z	- .16	- .16	0	%100
41	M82A	X	- .067	- .067	0	%100
42	M82A	Z	- .039	- .039	0	%100
43	M83A	X	- .123	- .123	0	%100
44	M83A	Z	- .071	- .071	0	%100
45	M84A	X	- .019	- .019	0	%100
46	M84A	Z	- .011	- .011	0	%100
47	M85A	X	- .421	- .421	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
48	M85A	Z	-.243	-.243	0 %100
49	M86B	X	-.421	-.421	0 %100
50	M86B	Z	-.243	-.243	0 %100
51	M87F	X	-.278	-.278	0 %100
52	M87F	Z	-.16	-.16	0 %100
53	M88E	X	-.421	-.421	0 %100
54	M88E	Z	-.243	-.243	0 %100
55	M89E	X	-.421	-.421	0 %100
56	M89E	Z	-.243	-.243	0 %100
57	M90D	X	-.278	-.278	0 %100
58	M90D	Z	-.16	-.16	0 %100
59	M91B	X	-.421	-.421	0 %100
60	M91B	Z	-.243	-.243	0 %100
61	M92B	X	-.421	-.421	0 %100
62	M92B	Z	-.243	-.243	0 %100
63	M93	X	-.278	-.278	0 %100
64	M93	Z	-.16	-.16	0 %100
65	M94	X	-.213	-.213	0 %100
66	M94	Z	-.123	-.123	0 %100
67	M95	X	-.213	-.213	0 %100
68	M95	Z	-.123	-.123	0 %100
69	M47	X	-.128	-.128	0 %100
70	M47	Z	-.074	-.074	0 %100
71	M48	X	-.128	-.128	0 %100
72	M48	Z	-.074	-.074	0 %100
73	M51A	X	-.424	-.424	0 %100
74	M51A	Z	-.245	-.245	0 %100
75	M52	X	-.123	-.123	0 %100
76	M52	Z	-.071	-.071	0 %100
77	M55	X	-.424	-.424	0 %100
78	M55	Z	-.245	-.245	0 %100
79	M56	X	-.423	-.423	0 %100
80	M56	Z	-.244	-.244	0 %100
81	M57	X	-.019	-.019	0 %100
82	M57	Z	-.011	-.011	0 %100
83	M58	X	-.067	-.067	0 0
84	M58	Z	-.039	-.039	0 0
85	M59	X	-.123	-.123	0 %100
86	M59	Z	-.071	-.071	0 %100
87	M60	X	-.421	-.421	0 %100
88	M60	Z	-.243	-.243	0 %100
89	M61	X	-.421	-.421	0 %100
90	M61	Z	-.243	-.243	0 %100
91	M62	X	-.278	-.278	0 %100
92	M62	Z	-.16	-.16	0 %100
93	M63	X	-.421	-.421	0 %100
94	M63	Z	-.243	-.243	0 %100
95	M64	X	-.421	-.421	0 %100
96	M64	Z	-.243	-.243	0 %100
97	M65	X	-.213	-.213	0 %100
98	M65	Z	-.123	-.123	0 %100
99	M66	X	-.278	-.278	0 %100
100	M66	Z	-.16	-.16	0 %100
101	M67	X	-.421	-.421	0 %100
102	M67	Z	-.243	-.243	0 %100
103	M68	X	-.421	-.421	0 %100
104	M68	Z	-.243	-.243	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
105	M69	X	- .213	- .213	0 %100
106	M69	Z	- .123	- .123	0 %100
107	M70	X	- .278	- .278	0 %100
108	M70	Z	- .16	- .16	0 %100
109	M71	X	- .019	- .019	0 %100
110	M71	Z	- .011	- .011	0 %100
111	M72	X	- .423	- .423	0 %100
112	M72	Z	- .244	- .244	0 %100
113	M73	X	- .067	- .067	0 %100
114	M73	Z	- .039	- .039	0 %100
115	M74	X	- .421	- .421	0 %100
116	M74	Z	- .243	- .243	0 %100
117	M75	X	- .421	- .421	0 %100
118	M75	Z	- .243	- .243	0 %100
119	M76	X	- .278	- .278	0 %100
120	M76	Z	- .16	- .16	0 %100
121	M77	X	- .421	- .421	0 %100
122	M77	Z	- .243	- .243	0 %100
123	M78	X	- .421	- .421	0 %100
124	M78	Z	- .243	- .243	0 %100
125	M79	X	- .278	- .278	0 %100
126	M79	Z	- .16	- .16	0 %100
127	M80	X	- .421	- .421	0 %100
128	M80	Z	- .243	- .243	0 %100
129	M81	X	- .421	- .421	0 %100
130	M81	Z	- .243	- .243	0 %100
131	M82	X	- .278	- .278	0 %100
132	M82	Z	- .16	- .16	0 %100
133	M83	X	- .296	- .296	0 %100
134	M83	Z	- .171	- .171	0 %100
135	M84	X	- .296	- .296	0 %100
136	M84	Z	- .171	- .171	0 %100
137	M93A	X	- .513	- .513	0 %100
138	M93A	Z	- .296	- .296	0 %100
139	M94A	X	- .513	- .513	0 %100
140	M94A	Z	- .296	- .296	0 %100
141	M97	X	- .424	- .424	0 %100
142	M97	Z	- .245	- .245	0 %100
143	M98	X	- .09	- .09	0 %100
144	M98	Z	- .052	- .052	0 %100
145	M101	X	- .424	- .424	0 %100
146	M101	Z	- .245	- .245	0 %100
147	M102	X	- .09	- .09	0 %100
148	M102	Z	- .052	- .052	0 %100
149	M103	X	- .014	- .014	0
150	M103	Z	- .008	- .008	0
151	M104	X	- .014	- .014	0 %100
152	M104	Z	- .008	- .008	0 %100
153	M105	X	- .09	- .09	0 %100
154	M105	Z	- .052	- .052	0 %100
155	M106	X	- .421	- .421	0 %100
156	M106	Z	- .243	- .243	0 %100
157	M107	X	- .421	- .421	0 %100
158	M107	Z	- .243	- .243	0 %100
159	M108	X	- .278	- .278	0 %100
160	M108	Z	- .16	- .16	0 %100
161	M109	X	- .421	- .421	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
162	M109	Z	-.243	-.243	0 %100
163	M110	X	-.421	-.421	0 %100
164	M110	Z	-.243	-.243	0 %100
165	M111	X	-.204	-.204	0 %100
166	M111	Z	-.118	-.118	0 %100
167	M112	X	-.278	-.278	0 %100
168	M112	Z	-.16	-.16	0 %100
169	M113	X	-.421	-.421	0 %100
170	M113	Z	-.243	-.243	0 %100
171	M114	X	-.421	-.421	0 %100
172	M114	Z	-.243	-.243	0 %100
173	M115	X	-.204	-.204	0 %100
174	M115	Z	-.118	-.118	0 %100
175	M116	X	-.278	-.278	0 %100
176	M116	Z	-.16	-.16	0 %100
177	M117	X	-.014	-.014	0 %100
178	M117	Z	-.008	-.008	0 %100
179	M118	X	-.09	-.09	0 %100
180	M118	Z	-.052	-.052	0 %100
181	M119	X	-.014	-.014	0 %100
182	M119	Z	-.008	-.008	0 %100
183	M120	X	-.421	-.421	0 %100
184	M120	Z	-.243	-.243	0 %100
185	M121	X	-.421	-.421	0 %100
186	M121	Z	-.243	-.243	0 %100
187	M122	X	-.278	-.278	0 %100
188	M122	Z	-.16	-.16	0 %100
189	M123	X	-.421	-.421	0 %100
190	M123	Z	-.243	-.243	0 %100
191	M124	X	-.421	-.421	0 %100
192	M124	Z	-.243	-.243	0 %100
193	M125	X	-.278	-.278	0 %100
194	M125	Z	-.16	-.16	0 %100
195	M126	X	-.421	-.421	0 %100
196	M126	Z	-.243	-.243	0 %100
197	M127	X	-.421	-.421	0 %100
198	M127	Z	-.243	-.243	0 %100
199	M128	X	-.278	-.278	0 %100
200	M128	Z	-.16	-.16	0 %100
201	M129	X	-.204	-.204	0 %100
202	M129	Z	-.118	-.118	0 %100
203	M130	X	-.204	-.204	0 %100
204	M130	Z	-.118	-.118	0 %100
205	MP1A	X	-.424	-.424	0 %100
206	MP1A	Z	-.245	-.245	0 %100
207	MP4A	X	-.424	-.424	0 %100
208	MP4A	Z	-.245	-.245	0 %100
209	MP2A	X	-.424	-.424	0 %100
210	MP2A	Z	-.245	-.245	0 %100
211	MP3A	X	-.424	-.424	0 %100
212	MP3A	Z	-.245	-.245	0 %100
213	MP1C	X	-.424	-.424	0 %100
214	MP1C	Z	-.245	-.245	0 %100
215	MP4C	X	-.424	-.424	0 %100
216	MP4C	Z	-.245	-.245	0 %100
217	MP2C	X	-.424	-.424	0 %100
218	MP2C	Z	-.245	-.245	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
219	MP3C	X	- .424	- .424	0	%100
220	MP3C	Z	- .245	- .245	0	%100
221	MP1B	X	- .424	- .424	0	%100
222	MP1B	Z	- .245	- .245	0	%100
223	MP4B	X	- .424	- .424	0	%100
224	MP4B	Z	- .245	- .245	0	%100
225	MP2B	X	- .424	- .424	0	%100
226	MP2B	Z	- .245	- .245	0	%100
227	MP3B	X	- .424	- .424	0	%100
228	MP3B	Z	- .245	- .245	0	%100
229	M163	X	- .393	- .393	0	%100
230	M163	Z	- .227	- .227	0	%100
231	M164	X	- .00019	- .00019	0	%100
232	M164	Z	- .00011	- .00011	0	%100
233	M165	X	- .376	- .376	0	%100
234	M165	Z	- .217	- .217	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M51	X	- .222	- .222	0	%100
2	M51	Z	- .385	- .385	0	%100
3	M54	X	- .222	- .222	0	%100
4	M54	Z	- .385	- .385	0	%100
5	M89B	X	- .245	- .245	0	%100
6	M89B	Z	- .424	- .424	0	%100
7	M90A	X	- .174	- .174	0	%100
8	M90A	Z	- .301	- .301	0	%100
9	M89C	X	- .245	- .245	0	%100
10	M89C	Z	- .424	- .424	0	%100
11	M90C	X	- .000482	- .000482	0	%100
12	M90C	Z	- .000836	- .000836	0	%100
13	M87C	X	- .027	- .027	0	%100
14	M87C	Z	- .048	- .048	0	%100
15	M88C	X	- 7.6e-5	- 7.6e-5	0	%100
16	M88C	Z	- .000132	- .000132	0	%100
17	M89D	X	- .174	- .174	0	%100
18	M89D	Z	- .301	- .301	0	%100
19	M90B	X	- .112	- .112	0	%100
20	M90B	Z	- .194	- .194	0	%100
21	M91A	X	- .112	- .112	0	%100
22	M91A	Z	- .194	- .194	0	%100
23	M92A	X	- .16	- .16	0	%100
24	M92A	Z	- .278	- .278	0	%100
25	M86A	X	- .112	- .112	0	%100
26	M86A	Z	- .194	- .194	0	%100
27	M87D	X	- .112	- .112	0	%100
28	M87D	Z	- .194	- .194	0	%100
29	M87E	X	- .151	- .151	0	%100
30	M87E	Z	- .262	- .262	0	%100
31	M88D	X	- .16	- .16	0	%100
32	M88D	Z	- .278	- .278	0	%100
33	M89A	X	- .112	- .112	0	%100
34	M89A	Z	- .194	- .194	0	%100
35	M90	X	- .112	- .112	0	%100
36	M90	Z	- .194	- .194	0	%100
37	M91	X	- .151	- .151	0	%100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in,%]	End Location[in,%]
38	M91	Z	-.262	-.262	0 %100
39	M92	X	-.16	-.16	0 %100
40	M92	Z	-.278	-.278	0 %100
41	M82A	X	-.027	-.027	0 %100
42	M82A	Z	-.048	-.048	0 %100
43	M83A	X	-.000482	-.000482	0 %100
44	M83A	Z	-.000836	-.000836	0 %100
45	M84A	X	-7.6e-5	-7.6e-5	0 %100
46	M84A	Z	-.000132	-.000132	0 %100
47	M85A	X	-.112	-.112	0 %100
48	M85A	Z	-.194	-.194	0 %100
49	M86B	X	-.112	-.112	0 %100
50	M86B	Z	-.194	-.194	0 %100
51	M87F	X	-.16	-.16	0 %100
52	M87F	Z	-.278	-.278	0 %100
53	M88E	X	-.112	-.112	0 %100
54	M88E	Z	-.194	-.194	0 %100
55	M89E	X	-.112	-.112	0 %100
56	M89E	Z	-.194	-.194	0 %100
57	M90D	X	-.16	-.16	0 %100
58	M90D	Z	-.278	-.278	0 %100
59	M91B	X	-.112	-.112	0 %100
60	M91B	Z	-.194	-.194	0 %100
61	M92B	X	-.112	-.112	0 %100
62	M92B	Z	-.194	-.194	0 %100
63	M93	X	-.16	-.16	0 %100
64	M93	Z	-.278	-.278	0 %100
65	M94	X	-.104	-.104	0 %100
66	M94	Z	-.18	-.18	0 %100
67	M95	X	-.104	-.104	0 %100
68	M95	Z	-.18	-.18	0 %100
69	M47	X	0	0	0 %100
70	M47	Z	0	0	0 %100
71	M48	X	0	0	0 %100
72	M48	Z	0	0	0 %100
73	M51A	X	-.245	-.245	0 %100
74	M51A	Z	-.424	-.424	0 %100
75	M52	X	-.193	-.193	0 %100
76	M52	Z	-.334	-.334	0 %100
77	M55	X	-.245	-.245	0 %100
78	M55	Z	-.424	-.424	0 %100
79	M56	X	-.193	-.193	0 %100
80	M56	Z	-.334	-.334	0 %100
81	M57	X	-.03	-.03	0 %100
82	M57	Z	-.053	-.053	0 %100
83	M58	X	-.03	-.03	0 0
84	M58	Z	-.053	-.053	0 0
85	M59	X	-.193	-.193	0 %100
86	M59	Z	-.334	-.334	0 %100
87	M60	X	-.112	-.112	0 %100
88	M60	Z	-.194	-.194	0 %100
89	M61	X	-.112	-.112	0 %100
90	M61	Z	-.194	-.194	0 %100
91	M62	X	-.16	-.16	0 %100
92	M62	Z	-.278	-.278	0 %100
93	M63	X	-.112	-.112	0 %100
94	M63	Z	-.194	-.194	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
95	M64	X	-112	-112	0 %100
96	M64	Z	-194	-194	0 %100
97	M65	X	-157	-157	0 %100
98	M65	Z	-271	-271	0 %100
99	M66	X	-16	-16	0 %100
100	M66	Z	-278	-278	0 %100
101	M67	X	-112	-112	0 %100
102	M67	Z	-194	-194	0 %100
103	M68	X	-112	-112	0 %100
104	M68	Z	-194	-194	0 %100
105	M69	X	-157	-157	0 %100
106	M69	Z	-271	-271	0 %100
107	M70	X	-16	-16	0 %100
108	M70	Z	-278	-278	0 %100
109	M71	X	-03	-03	0 %100
110	M71	Z	-053	-053	0 %100
111	M72	X	-193	-193	0 %100
112	M72	Z	-334	-334	0 %100
113	M73	X	-03	-03	0 %100
114	M73	Z	-053	-053	0 %100
115	M74	X	-112	-112	0 %100
116	M74	Z	-194	-194	0 %100
117	M75	X	-112	-112	0 %100
118	M75	Z	-194	-194	0 %100
119	M76	X	-16	-16	0 %100
120	M76	Z	-278	-278	0 %100
121	M77	X	-112	-112	0 %100
122	M77	Z	-194	-194	0 %100
123	M78	X	-112	-112	0 %100
124	M78	Z	-194	-194	0 %100
125	M79	X	-16	-16	0 %100
126	M79	Z	-278	-278	0 %100
127	M80	X	-112	-112	0 %100
128	M80	Z	-194	-194	0 %100
129	M81	X	-112	-112	0 %100
130	M81	Z	-194	-194	0 %100
131	M82	X	-16	-16	0 %100
132	M82	Z	-278	-278	0 %100
133	M83	X	-157	-157	0 %100
134	M83	Z	-271	-271	0 %100
135	M84	X	-157	-157	0 %100
136	M84	Z	-271	-271	0 %100
137	M93A	X	-222	-222	0 %100
138	M93A	Z	-385	-385	0 %100
139	M94A	X	-222	-222	0 %100
140	M94A	Z	-385	-385	0 %100
141	M97	X	-245	-245	0 %100
142	M97	Z	-424	-424	0 %100
143	M98	X	-000482	-000482	0 %100
144	M98	Z	-000836	-000836	0 %100
145	M101	X	-245	-245	0 %100
146	M101	Z	-424	-424	0 %100
147	M102	X	-174	-174	0 %100
148	M102	Z	-301	-301	0 %100
149	M103	X	-7.6e-5	-7.6e-5	0 0
150	M103	Z	-000132	-000132	0 0
151	M104	X	-027	-027	0 %100



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 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[in, %]	End Location[in, %]
152	M104	Z	-.048	-.048	0 %100
153	M105	X	-.000482	-.000482	0 %100
154	M105	Z	-.000836	-.000836	0 %100
155	M106	X	-.112	-.112	0 %100
156	M106	Z	-.194	-.194	0 %100
157	M107	X	-.112	-.112	0 %100
158	M107	Z	-.194	-.194	0 %100
159	M108	X	-.16	-.16	0 %100
160	M108	Z	-.278	-.278	0 %100
161	M109	X	-.112	-.112	0 %100
162	M109	Z	-.194	-.194	0 %100
163	M110	X	-.112	-.112	0 %100
164	M110	Z	-.194	-.194	0 %100
165	M111	X	-.104	-.104	0 %100
166	M111	Z	-.18	-.18	0 %100
167	M112	X	-.16	-.16	0 %100
168	M112	Z	-.278	-.278	0 %100
169	M113	X	-.112	-.112	0 %100
170	M113	Z	-.194	-.194	0 %100
171	M114	X	-.112	-.112	0 %100
172	M114	Z	-.194	-.194	0 %100
173	M115	X	-.104	-.104	0 %100
174	M115	Z	-.18	-.18	0 %100
175	M116	X	-.16	-.16	0 %100
176	M116	Z	-.278	-.278	0 %100
177	M117	X	-7.6e-5	-7.6e-5	0 %100
178	M117	Z	-.000132	-.000132	0 %100
179	M118	X	-.174	-.174	0 %100
180	M118	Z	-.301	-.301	0 %100
181	M119	X	-.027	-.027	0 %100
182	M119	Z	-.048	-.048	0 %100
183	M120	X	-.112	-.112	0 %100
184	M120	Z	-.194	-.194	0 %100
185	M121	X	-.112	-.112	0 %100
186	M121	Z	-.194	-.194	0 %100
187	M122	X	-.16	-.16	0 %100
188	M122	Z	-.278	-.278	0 %100
189	M123	X	-.112	-.112	0 %100
190	M123	Z	-.194	-.194	0 %100
191	M124	X	-.112	-.112	0 %100
192	M124	Z	-.194	-.194	0 %100
193	M125	X	-.16	-.16	0 %100
194	M125	Z	-.278	-.278	0 %100
195	M126	X	-.112	-.112	0 %100
196	M126	Z	-.194	-.194	0 %100
197	M127	X	-.112	-.112	0 %100
198	M127	Z	-.194	-.194	0 %100
199	M128	X	-.16	-.16	0 %100
200	M128	Z	-.278	-.278	0 %100
201	M129	X	-.151	-.151	0 %100
202	M129	Z	-.262	-.262	0 %100
203	M130	X	-.151	-.151	0 %100
204	M130	Z	-.262	-.262	0 %100
205	MP1A	X	-.245	-.245	0 %100
206	MP1A	Z	-.424	-.424	0 %100
207	MP4A	X	-.245	-.245	0 %100
208	MP4A	Z	-.424	-.424	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
209	MP2A	X	-.245	-.245	0 %100
210	MP2A	Z	-.424	-.424	0 %100
211	MP3A	X	-.245	-.245	0 %100
212	MP3A	Z	-.424	-.424	0 %100
213	MP1C	X	-.245	-.245	0 %100
214	MP1C	Z	-.424	-.424	0 %100
215	MP4C	X	-.245	-.245	0 %100
216	MP4C	Z	-.424	-.424	0 %100
217	MP2C	X	-.245	-.245	0 %100
218	MP2C	Z	-.424	-.424	0 %100
219	MP3C	X	-.245	-.245	0 %100
220	MP3C	Z	-.424	-.424	0 %100
221	MP1B	X	-.245	-.245	0 %100
222	MP1B	Z	-.424	-.424	0 %100
223	MP4B	X	-.245	-.245	0 %100
224	MP4B	Z	-.424	-.424	0 %100
225	MP2B	X	-.245	-.245	0 %100
226	MP2B	Z	-.424	-.424	0 %100
227	MP3B	X	-.245	-.245	0 %100
228	MP3B	Z	-.424	-.424	0 %100
229	M163	X	-.296	-.296	0 %100
230	M163	Z	-.513	-.513	0 %100
231	M164	X	-.079	-.079	0 %100
232	M164	Z	-.137	-.137	0 %100
233	M165	X	-.069	-.069	0 %100
234	M165	Z	-.12	-.12	0 %100

Member Area Loads

Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
No Data to Print ...						

Envelope Joint Reactions

Joint	X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC		
1	N244A	max	1762.955	11	192.668	17	1022.625	5	-.117	12	0	51	-.147	11
2		min	-1760.265	5	58.465	11	-1021.718	11	-.387	17	0	1	-.602	17
3	N247	max	1754.401	1	192.44	13	1006.861	1	-.068	7	0	51	.637	13
4		min	-1754.844	7	57.724	7	-1009.547	7	-.325	13	0	1	-.172	7
5	N250	max	32.993	1	192.729	21	2036.901	3	.715	21	0	51	-.002	9
6		min	-34.53	7	58.482	3	-2036.027	9	.185	3	0	1	-.044	15
7	N125	max	452.513	10	1334.978	16	-1116.753	10	0	51	0	51	0	51
8		min	-464.327	4	436.791	7	-4310.351	16	0	1	0	1	0	1
9	N239B	max	1098.746	10	1506.127	22	4434.356	22	0	51	0	51	0	51
10		min	-1085.672	4	465.609	42	710.793	4	0	1	0	1	0	1
11	N241A	max	-1153.552	31	1190.093	24	2445.181	24	0	51	0	51	0	51
12		min	-3599.556	16	384.613	29	178.223	6	0	1	0	1	0	1
13	N245	max	3618.74	22	1651.174	18	581.401	12	0	51	0	51	0	51
14		min	1035.714	4	493.22	25	-2669.654	18	0	1	0	1	0	1
15	N248	max	3899.319	20	1354.195	20	2060.599	25	0	51	0	51	0	51
16		min	749.316	2	437.036	1	423.465	7	0	1	0	1	0	1
17	N252	max	-74.582	8	1489.215	15	-9.571	1	0	51	0	51	0	51
18		min	-4101.141	14	456.877	49	-2157.163	19	0	1	0	1	0	1
19	Totals:	max	4711.715	10	9069.074	22	4638.559	1						
20		min	-4711.716	4	3016.695	3	-4638.561	7						



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

Member	Shape	Code Check	Loc[in]	LC	Shear	...	Loc[in]	Dir	LC	phi*Pnc	[...]	phi*Pnt	[lb]	phi*Mn	y...	phi*Mn	z...	Cb	Eqn
1	M84A	PL3/8x3.5	.669	0	18	.746	2	y	20	41767.687	42525	.332	3.101	1...	H1-1b				
2	M58	PL3/8x3.5	.644	0	13	.708	2	y	24	41767.687	42525	.332	3.101	1...	H1-1b				
3	M104	PL3/8x3.5	.792	0	21	.697	2	y	20	41767.635	42525	.332	3.101	1...	H1-1b				
4	M117	PL3/8x3.5	.729	0	13	.681	2	y	13	41767.687	42525	.332	3.101	1...	H1-1b				
5	M57	PL3/8x3.5	.699	0	22	.666	2	y	13	41767.687	42525	.332	3.101	1...	H1-1b				
6	M87C	PL3/8x3.5	.867	0	14	.645	2	y	17	41767.687	42525	.332	3.101	1...	H1-1b				
7	M119	PL3/8x3.5	.644	0	22	.638	2	y	24	41767.635	42525	.332	3.101	1...	H1-1b				
8	M73	PL3/8x3.5	.804	0	13	.626	2	y	16	41767.687	42525	.332	3.101	1...	H1-1b				
9	M88C	PL3/8x3.5	.776	0	17	.595	2	y	16	41767.687	42525	.332	3.101	1...	H1-1b				
10	M82A	PL3/8x3.5	.710	0	21	.584	2	y	21	41767.687	42525	.332	3.101	1...	H1-1b				
11	M71	PL3/8x3.5	.891	0	17	.563	2	y	16	41767.687	42525	.332	3.101	1...	H1-1b				
12	M103	PL3/8x3.5	.851	0	18	.550	2	y	21	41767.687	42525	.332	3.101	1...	H1-1b				
13	M105	PIPE 2.0	.496	63.208	16	.207	4.625		15	20365.524	32130	1.872	1.872	2...	H1-1b				
14	M89D	PIPE 2.0	.502	63.208	24	.193	4.625		23	20365.524	32130	1.872	1.872	2...	H1-1b				
15	M52	PIPE 2.0	.478	63.208	14	.191	4.625		13	20365.524	32130	1.872	1.872	2...	H1-1b				
16	M83A	PIPE 2.0	.434	63.208	13	.191	4.625		16	20365.524	32130	1.872	1.872	2...	H1-1b				
17	M90A	PIPE 2.0	.598	63.208	18	.184	74		17	20365.524	32130	1.872	1.872	3...	H1-1b				
18	M102	PIPE 2.0	.528	63.208	24	.181	74		20	20365.524	32130	1.872	1.872	2...	H1-1b				
19	M118	PIPE 2.0	.442	63.208	17	.175	4.625		20	20365.524	32130	1.872	1.872	2...	H1-1b				
20	M98	PIPE 2.0	.605	63.208	22	.172	74		21	20365.524	32130	1.872	1.872	3...	H1-1b				
21	M59	PIPE 2.0	.624	63.208	20	.171	74		20	20365.524	32130	1.872	1.872	2...	H1-1b				
22	M72	PIPE 2.0	.549	63.208	21	.170	74		16	20365.524	32130	1.872	1.872	3...	H1-1b				
23	M56	PIPE 2.0	.422	63.208	15	.169	4.625		17	20365.524	32130	1.872	1.872	2...	H1-1b				
24	M90C	PIPE 2.0	.536	63.208	19	.168	74		15	20365.524	32130	1.872	1.872	2...	H1-1b				
25	M89B	PIPE 2.0	.440	23.75	5	.153	23.75		5	23808.54	32130	1.872	1.872	2...	H1-1b				
26	M97	PIPE 2.0	.441	23.75	9	.153	23.75		9	23808.54	32130	1.872	1.872	1...	H1-1b				
27	M51A	PIPE 2.0	.437	23.75	1	.152	23.75		1	23808.54	32130	1.872	1.872	1...	H1-1b				
28	M126	PL3/8x2.625	.256	0	19	.144	3	y	16	30630.018	31893.75	.249	1.744	1...	H1-1b				
29	M124	PL3/8x2.625	.234	0	19	.139	0	y	16	30630.014	31893.75	.249	1.744	1...	H1-1b				
30	M89A	PL3/8x2.625	.285	0	23	.138	3	y	24	30630.014	31893.75	.249	1.744	1...	H1-1b				
31	M63	PL3/8x2.625	.263	0	13	.137	3	y	20	30630.018	31893.75	.249	1.744	1...	H1-1b				
32	M68	PL3/8x2.625	.264	0	19	.136	0	y	20	30630.014	31893.75	.249	1.744	1...	H1-1b				
33	M110	PL3/8x2.625	.256	0	15	.136	3	y	24	30630.014	31893.75	.249	1.744	1...	H1-1b				
34	M91B	PL3/8x2.625	.249	0	15	.135	3	y	23	30630.014	31893.75	.249	1.744	1...	H1-1b				
35	M87D	PL3/8x2.625	.262	0	23	.133	0	y	14	30630.014	31893.75	.249	1.744	1...	H1-1b				
36	M81	PL3/8x2.625	.230	0	23	.133	3	y	14	30630.014	31893.75	.249	1.744	1...	H1-1b				
37	M113	PL3/8x2.625	.279	0	15	.133	0	y	23	30630.018	31893.75	.249	1.744	1...	H1-1b				
38	M89E	PL3/8x2.625	.227	0	15	.131	0	y	24	30630.014	31893.75	.249	1.744	1...	H1-1b				
39	M77	PL3/8x2.625	.238	0	17	.130	0	y	13	30630.018	31893.75	.249	1.744	1...	H1-1b				
40	M48	PIPE 2.5	.318	91.875	9	.083	13.125		7	10110.272	50715	3.596	3.596	1...	H1-1b				
41	M94A	PIPE 2.5	.319	91.875	5	.081	13.125		3	10110.272	50715	3.596	3.596	1...	H1-1b				
42	M54	PIPE 2.5	.318	91.875	1	.081	13.125		11	10110.272	50715	3.596	3.596	1...	H1-1b				
43	M121	PL3/8x2.625	.122	0	19	.079	0	y	15	30630.014	31893.75	.249	1.744	1...	H1-1b				
44	M86B	PL3/8x2.625	.121	0	27	.078	0	y	35	30630.014	31893.75	.249	1.744	1...	H1-1b				
45	M55	PIPE 2.0	.293	6.25	16	.077	11.875		3	23808.54	32130	1.872	1.872	1...	H1-1b				
46	M101	PIPE 2.0	.283	6.25	24	.077	11.875		11	23808.54	32130	1.872	1.872	2...	H1-1b				
47	M89C	PIPE 2.0	.276	6.25	20	.077	11.875		7	23808.54	32130	1.872	1.872	2...	H1-1b				
48	M47	PIPE 2.5	.394	91.875	3	.076	7.5		4	10110.272	50715	3.596	3.596	1...	H1-1b				
49	M88E	PL3/8x2.625	.116	0	15	.076	3	y	35	30630.014	31893.75	.249	1.744	1...	H1-1b				
50	M51	PIPE 2.5	.393	91.875	7	.074	7.5		8	10110.272	50715	3.596	3.596	1...	H1-1b				
51	M93A	PIPE 2.5	.394	91.875	11	.074	7.5		12	10110.272	50715	3.596	3.596	1...	H1-1b				
52	M123	PL3/8x2.625	.118	0	19	.073	0	y	24	30630.018	31893.75	.249	1.744	1...	H1-1b				
53	MP2C	PIPE 2.0	.228	35	3	.072	35		1	17855.085	32130	1.872	1.872	2...	H1-1b				
54	MP2A	PIPE 2.0	.231	35	7	.072	35		5	17855.085	32130	1.872	1.872	2...	H1-1b				
55	MP2B	PIPE 2.0	.228	35	11	.072	35		9	17855.085	32130	1.872	1.872	2.6	H1-1b				
56	M74	PL3/8x2.625	.117	0	17	.069	0	y	14	30630.018	31893.75	.249	1.744	1...	H1-1b				



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

Member	Shape	Code Check	Loc[in]	LC Shear	...	Loc[in]	Dir	LC	phi*Pnc	[...]	phi*Pnt [lb]	phi*Mn y...	phi*Mn z...	Cb	Eqn
57	M64	PL3/8x2.625	.130	0	13	.067	0	y	19	30630.014	31893.75	.249	1.744	1...	H1-1b
58	M91A	PL3/8x2.625	.143	0	23	.067	0	y	23	30630.014	31893.75	.249	1.744	1...	H1-1b
59	M60	PL3/8x2.625	.132	0	13	.067	0	y	18	30630.018	31893.75	.249	1.744	1...	H1-1b
60	M78	PL3/8x2.625	.117	0	17	.066	3	y	17	30630.014	31893.75	.249	1.744	1...	H1-1b
61	M107	PL3/8x2.625	.140	0	15	.063	0	y	16	30630.014	31893.75	.249	1.744	1...	H1-1b
62	M86A	PL3/8x2.625	.137	0	23	.063	3	y	23	30630.014	31893.75	.249	1.744	1...	H1-1b
63	M109	PL3/8x2.625	.134	0	15	.062	0	y	24	30630.018	31893.75	.249	1.744	1...	H1-1b
64	MP3A	PIPE 2.0	.283	77	42	.042	35		38	17855.085	32130	1.872	1.872	2...	H1-1b
65	MP3C	PIPE 2.0	.274	35	13	.041	35		10	17855.085	32130	1.872	1.872	2...	H1-1b
66	MP3B	PIPE 2.0	.275	77	21	.041	35		6	17855.085	32130	1.872	1.872	1...	H1-1b
67	MP4B	PIPE 2.0	.130	12.073	22	.036	11.437		9	23569.878	32130	1.872	1.872	1...	H1-1b
68	MP4A	PIPE 2.0	.130	12.073	18	.036	11.437		5	23569.878	32130	1.872	1.872	1...	H1-1b
69	MP4C	PIPE 2.0	.132	12.073	14	.036	11.437		1	23569.878	32130	1.872	1.872	1...	H1-1b
70	M130	1.5x.06	.302	23.595	17	.027	46.228		15	5610.881	8550.171	.327	.327	1...	H1-1a
71	M129	1.5x.06	.096	23.114	15	.026	46.228		15	5610.881	8550.171	.327	.327	1...	H1-1b
72	MP1B	PIPE 2.0	.161	12.073	23	.026	12.073		24	23569.878	32130	1.872	1.872	1...	H1-1b
73	MP1C	PIPE 2.0	.163	12.073	15	.026	12.073		16	23569.878	32130	1.872	1.872	1...	H1-1b
74	MP1A	PIPE 2.0	.165	12.073	44	.026	12.073		20	23569.878	32130	1.872	1.872	1...	H1-1b
75	M91	1.5x.06	.339	23.595	13	.022	46.228		24	5610.881	8550.171	.327	.327	1...	H1-1a
76	M87E	1.5x.06	.107	23.114	24	.022	46.228		24	5610.881	8550.171	.327	.327	1...	H1-1b
77	M94	1.5x.06	.096	23.114	23	.022	0		24	5610.881	8550.171	.327	.327	1...	H1-1b
78	M65	1.5x.06	.251	22.632	17	.019	0		1	5610.881	8550.171	.327	.327	1...	H1-1a
79	M111	1.5x.06	.107	23.114	16	.018	46.228		16	5610.881	8550.171	.327	.327	1...	H1-1b
80	M83	1.5x.06	.184	46.228	15	.018	0		13	5610.881	8550.171	.327	.327	1...	H1-1b*
81	M95	1.5x.06	.302	22.632	13	.018	46.228		23	5610.881	8550.171	.327	.327	1...	H1-1a
82	M84	1.5x.06	.442	23.595	13	.018	0		14	5610.881	8550.171	.327	.327	1...	H1-1a
83	M69	1.5x.06	.498	22.632	18	.016	46.228		2	5610.881	8550.171	.327	.327	1...	H1-1a
84	M90B	PL3/8x2.625	.017	3	5	.016	0	y	35	30630.014	31893.75	.249	1.744	1...	H1-1b*
85	M115	1.5x.06	.339	23.595	17	.016	0		4	5610.881	8550.171	.327	.327	1...	H1-1a
86	M85A	PL3/8x2.625	.010	0	9	.016	0	y	36	30630.014	31893.75	.249	1.744	1...	H1-1b
87	M164	PIPE 3.0	.134	135.8...	13	.016	135.8...		19	32838.898	65205	5.749	5.749	2...	H1-1b
88	M165	PIPE 3.0	.134	135.8...	21	.015	135.8...		15	32838.898	65205	5.749	5.749	2...	H1-1b
89	M163	PIPE 3.0	.134	135.8...	17	.015	135.8...		23	32838.898	65205	5.749	5.749	2...	H1-1b
90	M106	PL3/8x2.625	.017	3	9	.015	0	y	13	30630.018	31893.75	.249	1.744	1...	H1-1b*
91	M90	PL3/8x2.625	.031	0	24	.014	3	y	23	30630.014	31893.75	.249	1.744	1...	H1-1b*
92	M61	PL3/8x2.625	.017	0	7	.014	0	y	16	30630.014	31893.75	.249	1.744	1...	H1-1b
93	M88D	1.5x.06	.218	20.25	20	.013	0		23	6622.579	8550.171	.327	.327	1...	H1-1a
94	M67	PL3/8x2.625	.029	0	19	.013	0	y	17	30630.018	31893.75	.249	1.744	1...	H1-1b
95	M114	PL3/8x2.625	.030	0	16	.012	3	y	16	30630.014	31893.75	.249	1.744	1...	H1-1b*
96	M112	1.5x.06	.219	20.25	24	.012	0		15	6622.579	8550.171	.327	.327	1...	H1-1a
97	M92A	1.5x.06	.080	36	5	.011	0		21	6622.579	8550.171	.327	.327	1...	H1-1b*
98	M108	1.5x.06	.080	36	9	.010	0		13	6622.579	8550.171	.327	.327	1...	H1-1b*
99	M66	1.5x.06	.091	17.25	19	.010	36		15	6622.579	8550.171	.327	.327	1	H1-1b
100	M92B	PL3/8x2.625	.027	0	15	.010	0	y	30	30630.014	31893.75	.249	1.744	1...	H1-1b
101	M92	1.5x.06	.144	36	24	.010	0		23	6622.579	8550.171	.327	.327	1...	H1-1b*
102	M87F	1.5x.06	.044	36	36	.010	36		25	6622.579	8550.171	.327	.327	1...	H1-1b*
103	M62	1.5x.06	.051	18	7	.010	36		16	6622.579	8550.171	.327	.327	1	H1-1b
104	M90D	1.5x.06	.188	36	31	.009	0		33	6622.579	8550.171	.327	.327	1	H1-1b*
105	M116	1.5x.06	.140	36	16	.009	0		16	6622.579	8550.171	.327	.327	1...	H1-1b*
106	M70	1.5x.06	.066	17.25	17	.008	0		18	6622.579	8550.171	.327	.327	1...	H1-1b
107	M93	1.5x.06	.123	36	16	.006	0		30	6622.579	8550.171	.327	.327	1...	H1-1b*
108	M80	PL3/8x2.625	.028	0	23	.006	0	y	17	30630.018	31893.75	.249	1.744	1...	H1-1b
109	M79	1.5x.06	.079	17.25	15	.006	36		8	6622.579	8550.171	.327	.327	1...	H1-1b
110	M76	1.5x.06	.030	17.25	14	.005	36		8	6622.579	8550.171	.327	.327	1...	H1-1b
111	M82	1.5x.06	.059	17.25	20	.005	36		7	6622.579	8550.171	.327	.327	1...	H1-1b
112	M128	1.5x.06	.127	36	20	.005	36		9	6622.579	8550.171	.327	.327	1...	H1-1b*
113	M75	PL3/8x2.625	.011	0	11	.005	0	y	8	30630.014	31893.75	.249	1.744	1...	H1-1b



Company : Maser Consulting
 Designer :
 Job Number :
 Model Name : 468905-VZW_MT_LO_H

Sept 13, 2021
 5:41 PM
 Checked By: _____

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

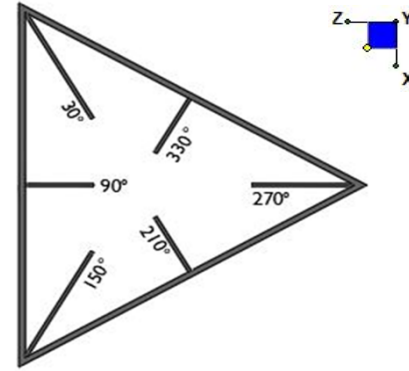
Member	Shape	Code Check	Loc[in]	LC	Shear ...	Loc[in]	Dir	LC	phi*Pnc	[...phi*Pnt	[lb]	phi*Mn y...	phi*Mn z...	Cb	Eqn
114	M127	PL3/8x2.625	.028	.031	20	.004	0	y	22	30630.014	31893.75	.249	1.744	1...	H1-1b*
115	M122	1.5x.06	.038	36	13	.004	36		3	6622.579	8550.171	.327	.327	1...	H1-1b*
116	M125	1.5x.06	.184	36	24	.004	36		4	6622.579	8550.171	.327	.327	1...	H1-1b*
117	M120	PL3/8x2.625	.009	0	1	.003	0	y	49	30630.018	31893.75	.249	1.744	1...	H1-1b



I. Mount-to-Tower Connection Check

RISA Model Data

Nodes (labeled per RISA)	Orientation (per graphic of typical platform)
N245	30
N241A	30
N239B	270
N125	270
N252	150
N248	150



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:

Bolt Quantity per Reaction:

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

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

Bolt Type:

Bolt Diameter (in):

Required Tensile Strength (kips):

Required Shear Strength (kips):

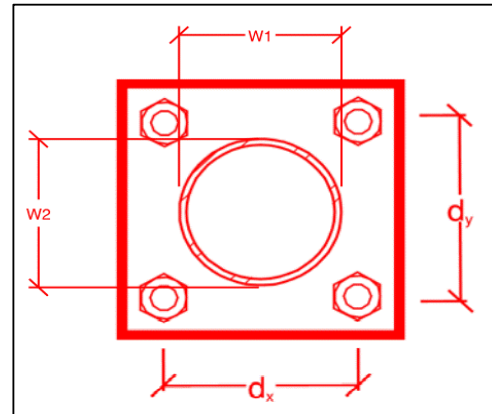
Tensile Strength / bolt (kips):

Shear Strength / bolt (kips):

Tensile Capacity Overall:

Shear Capacity Overall:

no
2
2.875
1.75
U-Bolt
0.5
4.4
1.7
16.3
9.8
13.6%*
8.8%



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

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

Passing Mount Analysis requires a PMI due to a modification in loading.

Electronic pdf version of this can be downloaded at <https://pmi.vzwsmart.com>.

For additional questions and support, please reach out to pmisupport@colliersengineering.com

Purpose – to provide SMART Tool structural vendor the proper documentation in order to complete the required Mount Desktop review of the Post Modification Inspection Report.

- Contractor is responsible for making certain the photos provided as noted below provide confirmation that the installation was completed in accordance with this Passing Mount Analysis.
- Contractor shall relay any data that can impact the performance of the mount, this includes safety issues.

Base Requirements:

- If installation will cause damage to the structure, the climbing facility, or safety climb if present or any installed system, SMART Tool vendor to be notified prior to install. Any special photos outside of the standard requirements will be indicated on the drawings.
- Provide “as built mount drawings” showing contractor’s name, contact information, preparer’s signature, and date. Any deviations from the drawings (Proposed modification) shall be shown. NOTE: If loading is different than what is conveyed in the passing mount analysis (MA) contact the SMART Tool vendor immediately.
- Each photo should be time and date stamped
- Photos should be high resolution.
- Contractor shall ensure that the safety climb wire rope is supported and not adversely impacted by the install of the modification components. This may involve the install of wire rope guides, or other items to protect the wire rope. If there is conflict, contact the SMART Tool engineer for recommendations.
- The PMI can be accessed at the following portal: <https://pmi.vzwsmart.com>

Photo Requirements:

- Photos taken at ground level
 - Photo of Gate Signs showing the tower owner, site name, and number.
 - Overall tower structure after installation.
 - Photos of the mount after installation; if the mounts are at different rad elevations, pictures must be provided for all elevations that equipment was installed.
- Photos taken at Mount Elevation
 - Photos showing the safety climb wire rope above and below the mount prior to installation.
 - Photos showing the climbing facility and safety climb if present.
 - Photos showing each individual sector after installation. Each entire sector shall be in one photo to show the interconnection of members.

- These photos shall also certify that the placement and geometry of the equipment on the mount is as depicted in the antenna placement diagram in this form.
- Photos that show the model number of each antenna and piece of equipment installed per sector.

Antenna & equipment placement and Geometry Confirmation:

- The contractor shall certify that the antenna & equipment placement and geometry is in accordance with the sketch and table as included in the mount analysis and noted below.

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

Issue:

Response:

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

- Yes No

Comments:

- All hardware has been properly installed, and the existing hardware was inspected.
 - The material utilized was as specified on the SMART Tool engineering vendor Mount Modification Drawings and included in the material certification folder is a packing list or invoice for these materials.
- Or:
- The material utilized was approved by a SMART Tool as an “equivalent” and this approval is included as part of the contractor submission.

Antenna & equipment placement and Geometry Confirmation:

- The contractor certifies that the photos support and the equipment on the mount is as depicted on the sketch and table included in this form and with the mount analysis provided.

OR

The contractor notes that the equipment on the mount is not in accordance with the sketch and has noted the differences below and provided photo documentation of any alterations.

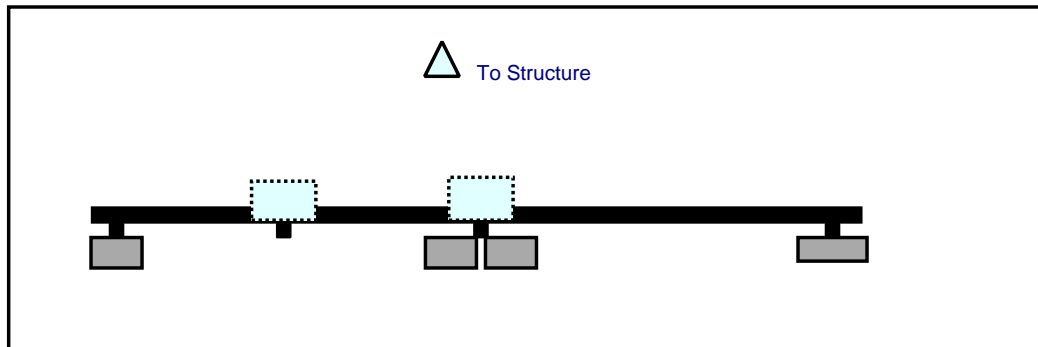
Special Instruction Confirmation:

The contractor has read and acknowledges the above special instructions.

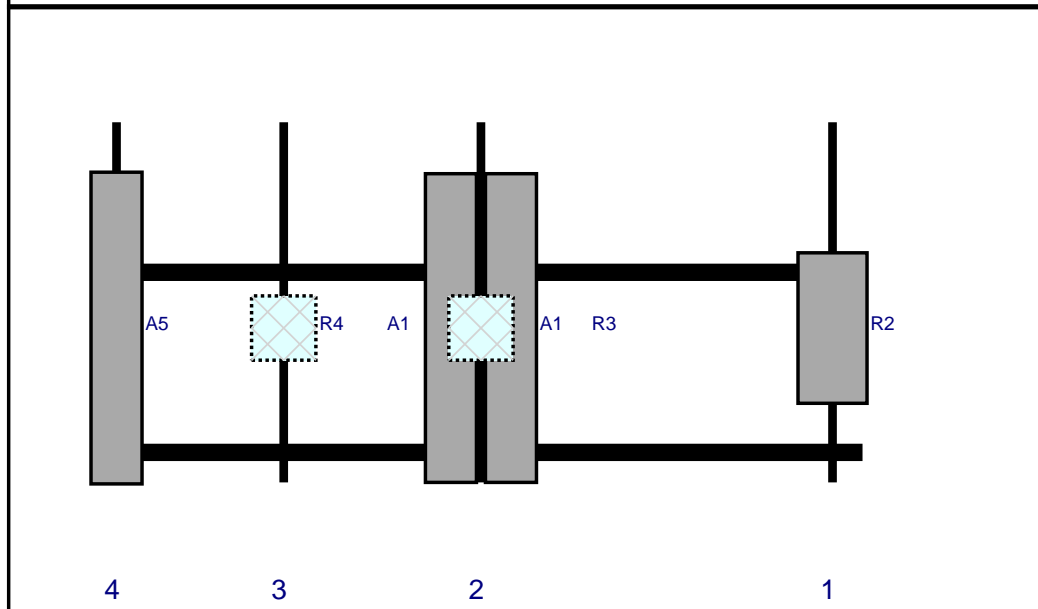
Certifying Individual:

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

Plan View

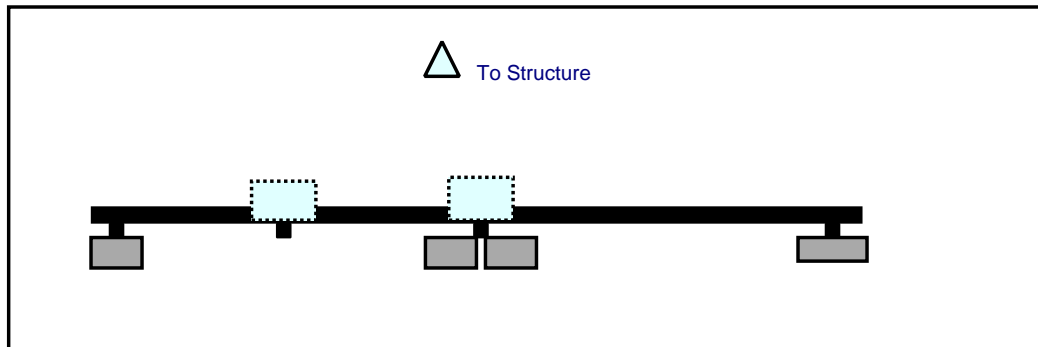


Front View
Looking at Structure

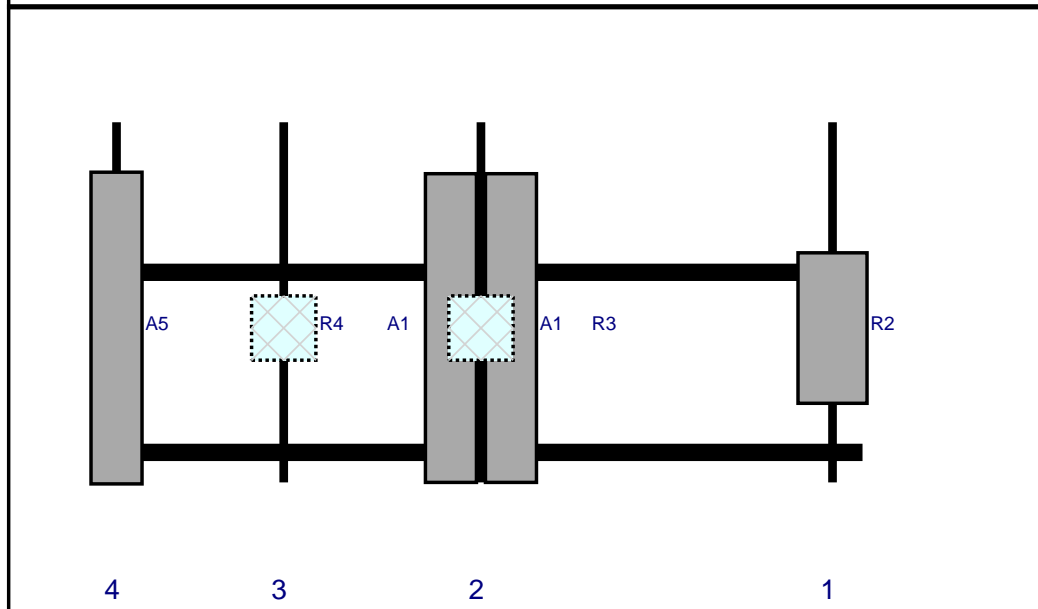


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R2	MT6407-77A	35.1	16.1	173	1	a	Front	48	0	Added	
A1	NHH-65B-R2B	72	11.9	91	2	a	Front	48	7	Added	
A1	NHH-65B-R2B	72	11.9	91	2	b	Front	48	-7	Added	
R3	RF4439d-25A	15	15	91	2	a	Behind	48	0	Added	
R4	RF4440d-13A	15	15	45	3	a	Behind	48	0	Added	
A5	LNx-8513DS-A1M	72.7	11.9	6	4	a	Front	48	0	Retained	03/25/2021

Plan View

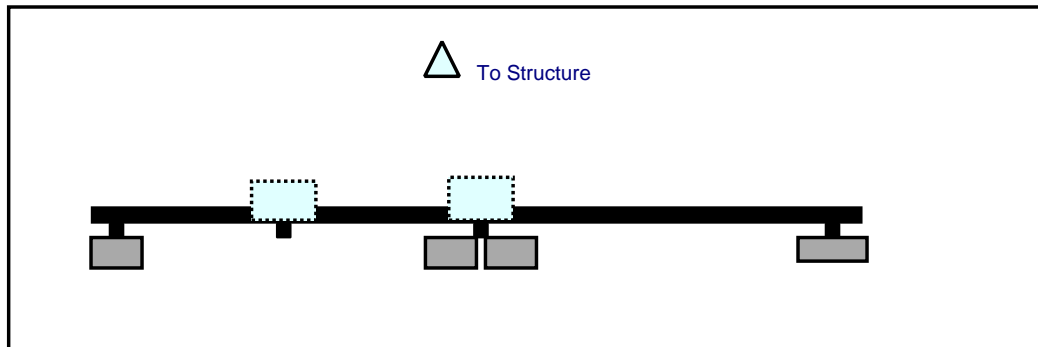


Front View
Looking at Structure

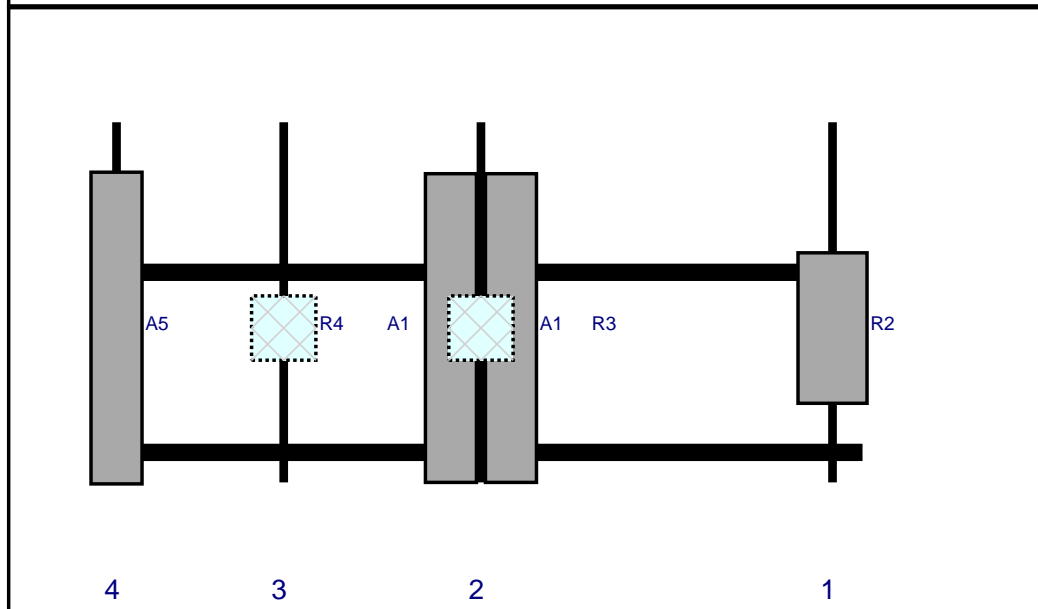


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R2	MT6407-77A	35.1	16.1	173	1	a	Front	48	0	Added	
A1	NHH-65B-R2B	72	11.9	91	2	a	Front	48	7	Added	
A1	NHH-65B-R2B	72	11.9	91	2	b	Front	48	-7	Added	
R3	RF4439d-25A	15	15	91	2	a	Behind	48	0	Added	
R4	RF4440d-13A	15	15	45	3	a	Behind	48	0	Added	
A5	LNx-8513DS-A1M	72.7	11.9	6	4	a	Front	48	0	Retained	03/25/2021

Plan View



Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R2	MT6407-77A	35.1	16.1	173	1	a	Front	48	0	Added	
A1	NHH-65B-R2B	72	11.9	91	2	a	Front	48	7	Added	
A1	NHH-65B-R2B	72	11.9	91	2	b	Front	48	-7	Added	
R3	RF4439d-25A	15	15	91	2	a	Behind	48	0	Added	
R4	RF4440d-13A	15	15	45	3	a	Behind	48	0	Added	
A5	LNx-8513DS-A1M	72.7	11.9	6	4	a	Front	48	0	Retained	03/25/2021

Maser Consulting Connecticut

Subject

TIA-222-H Usage

Site Information

Site ID:	468905-VZW / WILLINGTON CT
Site Name:	WILLINGTON CT
Carrier Name:	Verizon Wireless
Address:	56 Cosgrove Rd Willington, Connecticut 06279 Tolland County
Latitude:	41.892472°
Longitude:	-72.260583°

Structure Information

Tower Type:	143-Ft Self Support
Mount Type:	15.00-Ft Integrated Sector Frame

To Whom It May Concern,

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

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

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

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

Sincerely,



Peter Albano, PE
Project Manager

Exhibit F

Power Density/RF Emissions Report

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

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density
	(MHz)		(watts)	(watts)	(feet)	(mW/cm ²)
VZW 700	751	4	689	2756	138	0.0052
VZW CDMA	869	2	394	789	138	0.0015
VZW Cellular	869	4	700	2800	138	0.0053
VZW PCS	1980	4	1500	6000	138	0.0113
VZW AWS	2125	4	1672	6688	138	0.0126
VZW CBAND	3730	4	6531	26124	138	0.0493

Total Percentage of Maximum Permissible Exposure

*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI

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

MHz = Megahertz

mW/cm² = milliwatts per square centimeter

ERP = Effective Radiated Power

Absolute worst case maximum values used.

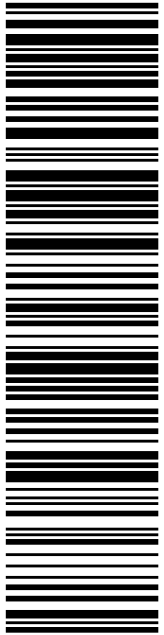
Maximum Permissible Exposure*	Fraction of MPE
(mW/cm ²)	(%)
0.5007	1.04%
0.5793	0.26%
0.5793	0.91%
1.0000	1.13%
1.0000	1.26%
1.0000	4.93%
	9.54%

/IEEE C95.1-1992

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

Exhibit F

Recipient Mailings



USPS TRACKING #

9405 5036 9930 0047 8872 36

Electronic Rate Approved #038555749

SHIP

TO: ERIKA G WIECENSKI
FIRST SELECTMAN
40 OLD FARMS RD
WILLINGTON CT 06279-1720

P

10/29/2021

USPS TRACKING #
9405 5036 9930 0047 8872 36

US POSTAGE PAID
Click-N-Ship®
MD Flat Rate Box


Mailed from 01566

PRIORITY MAIL 2-DAY™

Expected Delivery Date: 11/01/21
Re#: CR-806383
0004

R021

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



Click-N-Ship®



Cut on dotted line.

Instructions

- Each Click-N-Ship® label is unique. Labels are to be used as printed and used only once. DO NOT PHOTO COPY OR ALTER LABEL.
- Place your label so it does not wrap around the edge of the package.
- Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT TAPE OVER BARCODE. Be sure all edges are secure.
- To mail your package with PC Postage®, you may schedule a Package Pickup online, hand to your letter carrier, take to a Post Office™, or drop in a USPS collection box.
- Mail your package on the "Ship Date" you selected when creating this label.

Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0047 8872 36

Trans. #: 547191860	Priority Mail® Postage: \$16.25
Print Date: 10/29/2021	Total: \$16.25
Ship Date: 10/29/2021	
Expected Delivery Date: 11/01/2021	

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

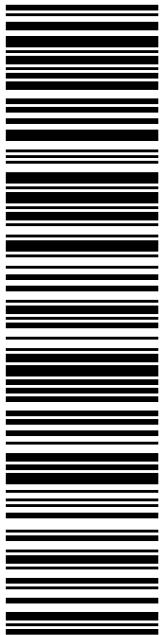
Re#: CR-806383

To: ERIKA G WIECENSKI
FIRST SELECTMAN
40 OLD FARMS RD
WILLINGTON CT 06279-1720

* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.



Thank you for shipping with the United States Postal Service!
Check the status of your shipment on the USPS Tracking® page at usps.com



USPS TRACKING #
9405 5036 9930 0047 8872 50

Electronic Rate Approved #038555749

SHIP
TO: MICHAEL D'AMATO
ZONING AGENT
40 OLD FARMS RD
WILLINGTON CT 06279-1720

Expected Delivery Date: 11/01/21
Ret#: CR-806383
0004

R021

P

10/29/2021

Mailed from 01566

PRIORITY MAIL 2-DAY™

UNITED STATES POSTAL SERVICE®

Click-N-Ship®

usps.com 9405 5036 9930 0047 8872 50 0162 5000 0010 6279
US POSTAGE \$16.25
 MD Flat Rate Box

U.S. POSTAGE PAID
Click-N-Ship®



Cut on dotted line.

Instructions

- Each Click-N-Ship® label is unique. Labels are to be used as printed and used only once. DO NOT PHOTO COPY OR ALTER LABEL.
- Place your label so it does not wrap around the edge of the package.
- Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT TAPE OVER BARCODE. Be sure all edges are secure.
- To mail your package with PC Postage®, you may schedule a Package Pickup online, hand to your letter carrier, take to a Post Office™, or drop in a USPS collection box.
- Mail your package on the "Ship Date" you selected when creating this label.

Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0047 8872 50

Trans. #:	547191860	Priority Mail® Postage:	\$16.25
Print Date:	10/29/2021	Total:	\$16.25
Ship Date:	10/29/2021		
Expected			
Delivery Date:	11/01/2021		

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

Ref#: CR-806383


To: MICHAEL D'AMATO
ZONING AGENT
40 OLD FARMS RD
WILLINGTON CT 06279-1720

* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.



Thank you for shipping with the United States Postal Service!

Check the status of your shipment on the USPS Tracking® page at usps.com



**UNITED STATES
POSTAL SERVICE®**

Click-N-Ship®

P

usps.com 9405 5036 9930 0047 8872 67 0162 5000 0010 6279
US POSTAGE
 MD Flat Rate Box

U.S. POSTAGE PAID
click-n-ship®

10/29/2021 Mailed from 01566

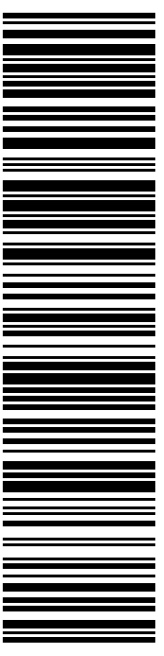
PRIORITY MAIL 2-DAY™

Expected Delivery Date: 11/01/21
 Ref#: CR-806383
0004

R021

SHIP TO:
 ISABELLA DROBNEY
 56 COSGROVE RD
 WILLINGTON CT 06279-1408

USPS TRACKING #



9405 5036 9930 0047 8872 67

Electronic Rate Approved #038555749



Cut on dotted line.

Instructions

1. Each Click-N-Ship® label is unique. Labels are to be used as printed and used only once. DO NOT PHOTO COPY OR ALTER LABEL.
2. Place your label so it does not wrap around the edge of the package.
3. Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT TAPE OVER BARCODE. Be sure all edges are secure.
4. To mail your package with PC Postage®, you may schedule a Package Pickup online, hand to your letter carrier, take to a Post Office™, or drop in a USPS collection box.
5. Mail your package on the "Ship Date" you selected when creating this label.

Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0047 8872 67

Trans. #: 547191860	Priority Mail® Postage: \$16.25
Print Date: 10/29/2021	Total: \$16.25
Ship Date: 10/29/2021	
Expected Delivery Date: 11/01/2021	

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

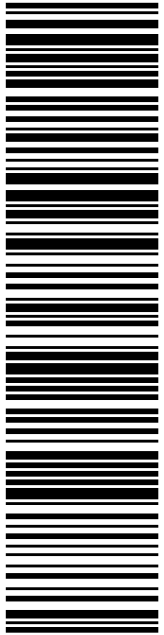
Ref#: CR-806383

To: ISABELLA DROBNEY
 56 COSGROVE RD
 WILLINGTON CT 06279-1408

* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.



Thank you for shipping with the United States Postal Service!
 Check the status of your shipment on the USPS Tracking® page at usps.com



USPS TRACKING #

9405 5036 9930 0047 8908 09

Electronic Rate Approved #038555749

SHIP TO:

SARAH SNELL
1800 W PARK DR
WESTBOROUGH MA 01581-3926

P

PRIORITY MAIL 1-DAY™

Expected Delivery Date: 10/30/21
Ret#: CR-806383
0006

C006

UNITED STATES POSTAL SERVICE®

Click-N-Ship®

usps.com 9405 5036 9930 0047 8908 09 0087 0000 0010 1581
\$8.70
US POSTAGE
Flat Rate Envoy

U.S. POSTAGE PAID
Click-N-Ship®

Mailed from 01566



Cut on dotted line.

Instructions

1. Each Click-N-Ship® label is unique. Labels are to be used as printed and used only once. DO NOT PHOTO COPY OR ALTER LABEL.
2. Place your label so it does not wrap around the edge of the package.
3. Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT TAPE OVER BARCODE. Be sure all edges are secure.
4. To mail your package with PC Postage®, you may schedule a Package Pickup online, hand to your letter carrier, take to a Post Office™, or drop in a USPS collection box.
5. Mail your package on the "Ship Date" you selected when creating this label.

Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0047 8908 09

Trans. #: 547191627	Priority Mail® Postage: \$8.70
Print Date: 10/29/2021	Total: \$8.70
Ship Date: 10/29/2021	
Expected Delivery Date: 10/30/2021	

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

Ref#: CR-806383

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

* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.



Thank you for shipping with the United States Postal Service!
Check the status of your shipment on the USPS Tracking® page at usps.com

806383



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

11/01/2021

11:51 AM

Product	Qty	Unit Price	Price
Prepaid Mail Westborough, MA 01581 Weight: 0 lb 2.00 oz Acceptance Date: Mon 11/01/2021 Tracking #: 9405 5036 9930 0047 8908 09	1		\$0.00
Prepaid Mail Willington, CT 06279 Weight: 1 lb 12.20 oz Acceptance Date: Mon 11/01/2021 Tracking #: 9405 5036 9930 0047 8872 36	1		\$0.00
Prepaid Mail Willington, CT 06279 Weight: 1 lb 12.20 oz Acceptance Date: Mon 11/01/2021 Tracking #: 9405 5036 9930 0047 8872 50	1		\$0.00
Prepaid Mail Willington, CT 06279 Weight: 1 lb 12.30 oz Acceptance Date: Mon 11/01/2021 Tracking #: 9405 5036 9930 0047 8872 67	1		\$0.00
Grand Total:			\$0.00