



STATE OF CONNECTICUT  
*CONNECTICUT SITING COUNCIL*

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: [siting.council@ct.gov](mailto:siting.council@ct.gov)

Web Site: [portal.ct.gov/csc](http://portal.ct.gov/csc)

**VIA ELECTRONIC MAIL**

August 25, 2021

Sarah Snell  
Site Acquisition Specialist  
Crown Castle  
1800 W. Park Drive  
Westborough, MA 01581  
[sarah.snell@crowncastle.com](mailto:sarah.snell@crowncastle.com)

RE: **EM-VER-042-210726** – Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 94 East High Street, East Hampton, Connecticut.

Dear Ms. Snell:

The Connecticut Siting Council (Council) is in receipt of your correspondence of August 23, 2021 submitted in response to the Council's August 23, 2021 notification of an incomplete request for exempt modification with regard to the above-referenced matter.

The submission renders the request for exempt modification complete and the Council will process the request in accordance with the Federal Communications Commission 60-day timeframe.

Thank you for your attention and cooperation.

Sincerely,

Melanie A. Bachman  
Executive Director

MAB/CMW/emr



**Crown Castle**  
3 Corporate Park Drive, Suite 101  
Clifton Park, NY 12065

August 23, 2021

**Via FedEx Overnight & Electronic Delivery**

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

**RE: Notice of Exempt Modification for Verizon: EM-VER-042-210726**  
**Crown Site BU: 876352**  
**94 East High Street, East Hampton, CT 06424**

Dear Ms. Bachman:

In response to the Council's letter dated today, August 23, 2021, attached please find copies of the mount analysis and corresponding drawings with the engineer's signature as well as the stamp. It appears the signature was removed when the documents were combined into a single file for the Notice of Exempt Modification Package. The analysis originally submitted is the same as the one attached.

Please do not hesitate to contact me with questions or if you need anything additional. Thank you for your time and attention to this matter.

Sincerely,

A handwritten signature in black ink that reads 'S. Snell'.

Sarah Snell  
Site Acquisition Specialist  
1800 W. Park Drive  
Westborough, MA 01581  
T: 508-621-9146  
Sarah.Snell@crowncastle.com

Attachments



Maser Consulting Connecticut  
2000 Midlantic Drive, Suite 100  
Mt. Laurel, NJ 08054  
856.797.0412  
peter.albano@colliersengineering.com

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## Post-Mod Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10070586  
Maser Consulting Connecticut Project #: 21777315A

June 24, 2021

### Site Information

Site ID: 469377-VZW / EAST HAMPTON CT  
Site Name: EAST HAMPTON CT  
Carrier Name: Verizon Wireless  
Address: 94 East High St.  
East Hampton, Connecticut 06424  
Middlesex County  
Latitude: 41.587278°  
Longitude: -72.488778°

### Structure Information

Tower Type: Monopole  
Mount Type: 14.08-Ft Platform

FUZE ID # 16272160

### Analysis Results

Platform: 77.9% Pass

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

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

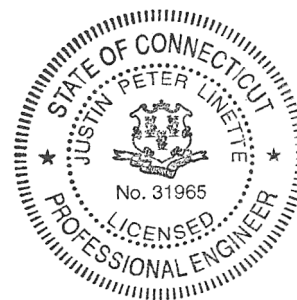
***Available & Submitted via portal at <https://pmi.vzwsmart.com>***

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

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

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

Report Prepared By: Zachary Bandilla



**Executive Summary:**

The objective of this report is to summarize the analysis results of the antenna support mount including the proposed modifications at the subject facility for the final wireless telecommunications configuration, per the applicable codes and standards.

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: 674884, dated February 16, 2021</i>
<i>Mount Mapping Report</i>	<i>Roaming Networks Inc., Site ID: PSLC:469377, dated April 4, 2021</i>
<i>Previous Mount Analysis</i>	<i>Maser Consulting Connecticut, Project #: 21777315A, Dated May 12, 2021</i>
<i>Mount Modification Drawing</i>	<i>Maser Consulting Connecticut, Project #: 21777315A, Dated June 24, 2021</i>

**Analysis Criteria:**

Codes and Standards:	ANSI/TIA-222-H
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), $V_{ULT}$ : 120 mph Ice Wind Speed (3-sec. Gust): 50 mph Design Ice Thickness: 1.00 in Risk Category: II Exposure Category: C Topographic Category: 1 Topographic Feature Considered: N/A Topographic Method: N/A Ground Elevation Factor, $K_e$ : 0.976
Seismic Parameters:	$S_s$ : 0.209 $S_1$ : 0.056
Maintenance Parameters:	Wind Speed (3-sec. Gust): 30 mph Maintenance Live Load, $L_v$ : 250 lbs. Maintenance Live Load, $L_m$ : 500 lbs.
Analysis Software:	RISA-3D (V17)

**Final Loading Configuration:**

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
106.0	108.0	6	Commscope	JAHH-65B-R3B	Added
		3	Samsung	MT6407-77A	
		3	Commscope	CBC78T-DS-43-2X	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		3	Commscope	LNX-6514DS-A1M	Retained
		2	Raycap	RHSDC-3315-PF-48*	

\* Equipment to be flush mounted directly to the Monopole. They are not mounted on the Platform 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. Any deviation from the loading locations specified in this report shall be communicated to Maser Consulting Connecticut to verify deviation will not adversely impact the analysis.
2. Mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer’s specifications.

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

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

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

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

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

**Analysis Results:**

Component	Utilization %	Pass/Fail
<i>Standoff Arm</i>	<i>30.7 %</i>	<i>Pass</i>
<i>Grating Angle</i>	<i>8.1 %</i>	<i>Pass</i>
<i>Cross Members</i>	<i>27.5 %</i>	<i>Pass</i>
<i>Face Horizontal</i>	<i>77.9 %</i>	<i>Pass</i>
<i>Mount Pipe</i>	<i>20.7 %</i>	<i>Pass</i>
<i>Dual Mount Pipe</i>	<i>26.3 %</i>	<i>Pass</i>
<i>Support Rail</i>	<i>26.9 %</i>	<i>Pass</i>
<i>Support Rail Connection</i>	<i>37.6 %</i>	<i>Pass</i>
<i>Mod Kickers</i>	<i>16.8 %</i>	<i>Pass</i>
<i>Connection Check</i>	<i>58.5 %</i>	<i>Pass</i>

<b>Structure Rating – (Controlling Utilization of all Components)</b>	<b>77.9%</b>
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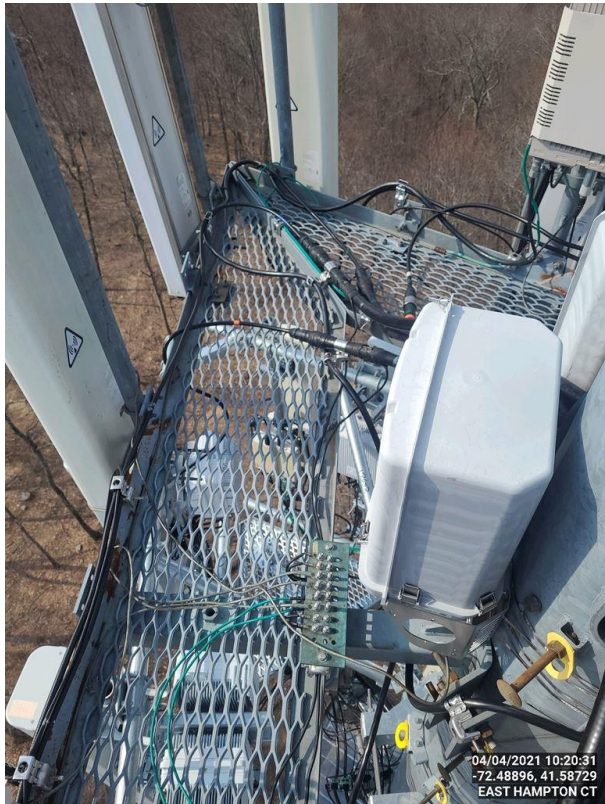
**Recommendation:**

The existing mounts will be **SUFFICIENT** for the final loading after the proposed modifications are successfully completed.

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 PMI Report Deliverables**
5. Antenna Placement Diagrams



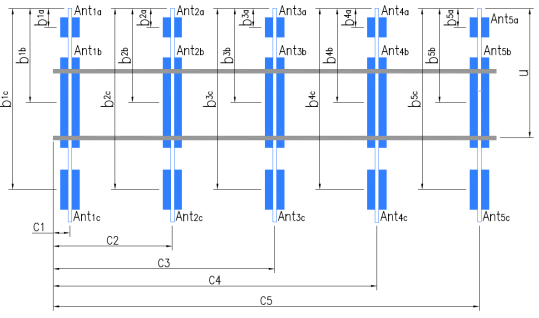
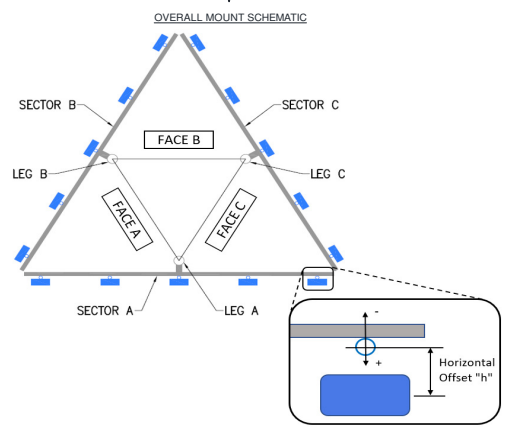
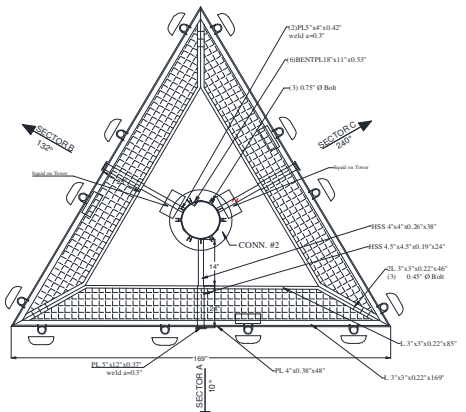


### Antenna Mount Mapping Form (PATENT PENDING)

FCC #  
N/A

<b>Tower Owner:</b>	CCI	<b>Mapping Date:</b>	04/04/21
<b>Site Name:</b>	CCI: Richard Wall, VZW: EAST HAMPTON CT	<b>Tower Type:</b>	Monopole
<b>Site Number or ID:</b>	PSLC: 469377	<b>Tower Height (Ft.):</b>	N/A
<b>Mapping Contractor:</b>	Roaming Networks Inc.	<b>Mount Elevation (Ft.):</b>	102.83

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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	PIPE Ø 2.36"x0.14"x72"	65.00	12.50	C1	PIPE Ø 2.36"x0.14"x72"	65.00	12.50
A2	PIPE Ø 2.36"x0.14"x72"	65.00	60.50	C2	PIPE Ø 2.36"x0.14"x72"	65.00	60.50
A3	PIPE Ø 2.36"x0.14"x72"	60.00	109.00	C3	PIPE Ø 2.36"x0.14"x72"	60.00	109.00
A4	PIPE Ø 2.36"x0.14"x72"	61.00	157.00	C4	PIPE Ø 2.36"x0.14"x72"	61.00	157.00
A5				C5			
A6				C6			
B1	PIPE Ø 2.36"x0.14"x72"	65.00	12.50	D1			
B2	PIPE Ø 2.36"x0.14"x72"	65.00	60.50	D2			
B3	PIPE Ø 2.36"x0.14"x72"	60.00	109.00	D3			
B4	PIPE Ø 2.36"x0.14"x72"	61.00	157.00	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. : 0.00  
 Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.):  
 Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.): 3.21  
 Please enter additional information or comments below.

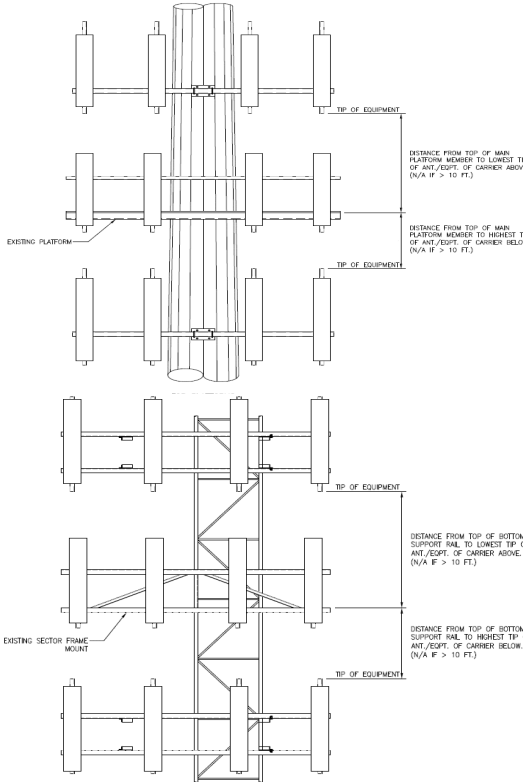
Tower Face Width at Mount Elev. (ft.): Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.): 19.11

Ants. Items	Enter antenna model. If not labeled, enter "Unknown".					Mounting Locations [Units are inches and degrees]			Photos of antennas	
	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances "b <sub>1a</sub> , b <sub>2a</sub> , b <sub>3a</sub> , b <sub>1b</sub> ,..." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
<b>Sector A</b>										
Ant <sub>1a</sub>										
Ant <sub>1b</sub>	LNx-6514DS-A1M	11.85	7.11	80.63		104.955	39.50	6.00	10.00	6
Ant <sub>1c</sub>										
Ant <sub>2a</sub>	HBXX-6517DS-A2M	12.00	6.50	75.04		104.955	39.50	8.00	10.00	8
Ant <sub>2b</sub>	B4 RRH2x60-4R	10.63	5.74	36.60		106.08	26.00	5.50		7
Ant <sub>2c</sub>										
Ant <sub>3a</sub>										
Ant <sub>3b</sub>	LNx-6514DS-A1M	11.85	7.11	80.63		104.58	39.00	8.00	10.00	4
Ant <sub>3c</sub>										
Ant <sub>4a</sub>	HBXX-6517DS-A2M	12.00	6.50	75.04		104.913	36.00	8.00	10.00	5
Ant <sub>4b</sub>										
Ant <sub>4c</sub>										
Ant <sub>5a</sub>										
Ant <sub>5b</sub>										
Ant <sub>5c</sub>										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

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



Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector				Sector B												
Sector A:	10.00	Deg	Leg A:		Deg			Ant <sub>1a</sub>												
Sector B:	132.00	Deg	Leg B:		Deg			Ant <sub>1b</sub>	LNX-6514DS-A1M	11.85	7.11	80.63		104.955	39.50	6.00	132.00		6	
Sector C:	240.00	Deg	Leg C:		Deg			Ant <sub>1c</sub>												
Sector D:		Deg	Leg D:		Deg			Ant <sub>2a</sub>	HBXX-6517DS-A2M	12.00	6.50	75.04		104.955	39.50	8.00	132.00		8	
<b>Climbing Facility Information</b>								Ant <sub>2b</sub>	B4 RRH2x60-4R	10.63	5.74	36.60		106.08	26.00	5.50			7	
Location:	10.00	Deg	Sector A				Ant <sub>2c</sub>													
Climbing Facility	Corrosion Type:		Minor corrosion observed.				Ant <sub>3a</sub>													
	Access:		Climbing path was unobstructed.				Ant <sub>3b</sub>	LNX-6514DS-A1M	11.85	7.11	80.63		104.58	39.00	8.00	132.00		4		
	Condition:		Good condition.				Ant <sub>3c</sub>													
								Ant <sub>4a</sub>	HBXX-6517DS-A2M	12.00	6.50	75.04		104.913	36.00	8.00	132.00		5	
								Ant <sub>4b</sub>												
								Ant <sub>4c</sub>												
								Ant <sub>5a</sub>												
								Ant <sub>5b</sub>												
								Ant <sub>5c</sub>												
								Ant on Standoff												
								Ant on Standoff												
								Ant on Tower	RHSDS-3315-PF-48	15.73	10.30	28.93							192,193	
								Ant on Tower												
								<b>Sector C</b>												
								Ant <sub>1a</sub>												
								Ant <sub>1b</sub>	LNX-6514DS-A1M	11.85	7.11	80.63		104.955	39.50	6.00	240.00		6	
								Ant <sub>1c</sub>												
								Ant <sub>2a</sub>	HBXX-6517DS-A2M	12.00	6.50	75.04		104.955	39.50	8.00	240.00		8	
								Ant <sub>2b</sub>	B4 RRH2x60-4R	10.63	5.74	36.60		106.08	26.00	5.50		7		
								Ant <sub>2c</sub>												
								Ant <sub>3a</sub>												
								Ant <sub>3b</sub>	LNX-6514DS-A1M	11.85	7.11	80.63		104.58	39.00	8.00	240.00		4	
								Ant <sub>3c</sub>												
								Ant <sub>4a</sub>	HBXX-6517DS-A2M	12.00	6.50	75.04		104.913	36.00	8.00	240.00		5	
								Ant <sub>4b</sub>												
								Ant <sub>4c</sub>												
								Ant <sub>5a</sub>												
								Ant <sub>5b</sub>												
								Ant <sub>5c</sub>												
								Ant on Standoff												
								Ant on Standoff												
								Ant on Tower	RHSDS-3315-PF-48	15.73	10.30	28.93						195,196		
								Ant on Tower												
								<b>Sector D</b>												
								Ant <sub>1a</sub>												
								Ant <sub>1b</sub>												
								Ant <sub>1c</sub>												
								Ant <sub>2a</sub>												
								Ant <sub>2b</sub>												
								Ant <sub>2c</sub>												
								Ant <sub>3a</sub>												
								Ant <sub>3b</sub>												
								Ant <sub>3c</sub>												
								Ant <sub>4a</sub>												
								Ant <sub>4b</sub>												
								Ant <sub>4c</sub>												
								Ant <sub>5a</sub>												
								Ant <sub>5b</sub>												
								Ant <sub>5c</sub>												
								Ant on Standoff												
								Ant on Standoff												
								Ant on Tower												
								Ant on Tower												



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

1	Corrosion of steel member	130
2	Cracking of bolt element	134
3	Cracking of bolt element	133
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)**

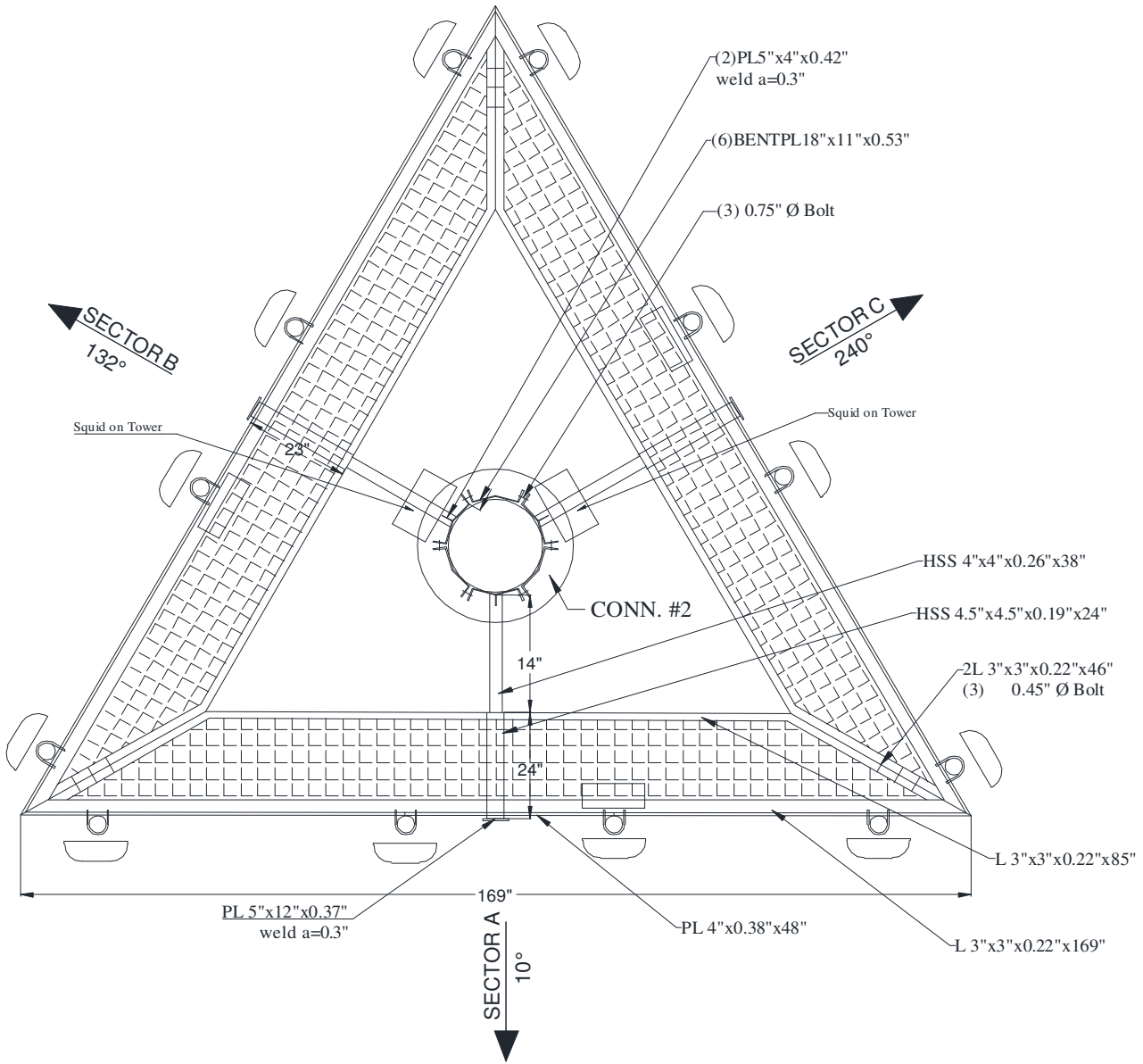
FCC #  
N/A



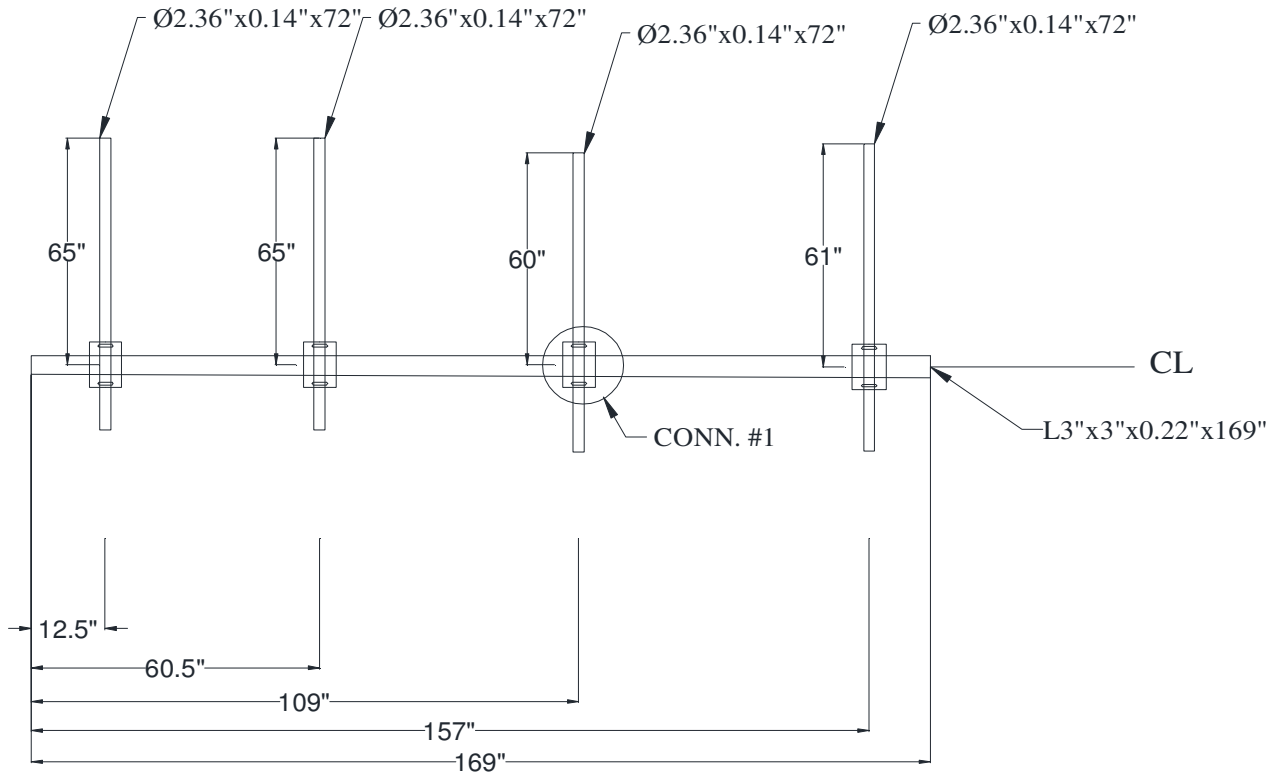
<b>Tower Owner:</b>	CCI	<b>Mapping Date:</b>	04/04/21
<b>Site Name:</b>	CCI: Richard Wall, VZW: EAST HAMPTON CT	<b>Tower Type:</b>	Monopole
<b>Site Number or ID:</b>	PSLC: 469377	<b>Tower Height (FL):</b>	N/A
<b>Mapping Contractor:</b>	Roaming Networks Inc.	<b>Mount Elevation (Ft.):</b>	102.83

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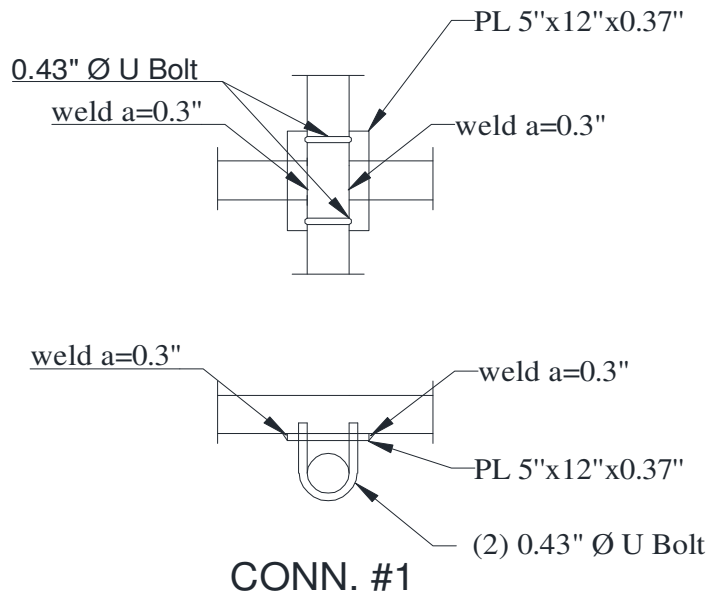
Please Insert Sketches of the Antenna Mount

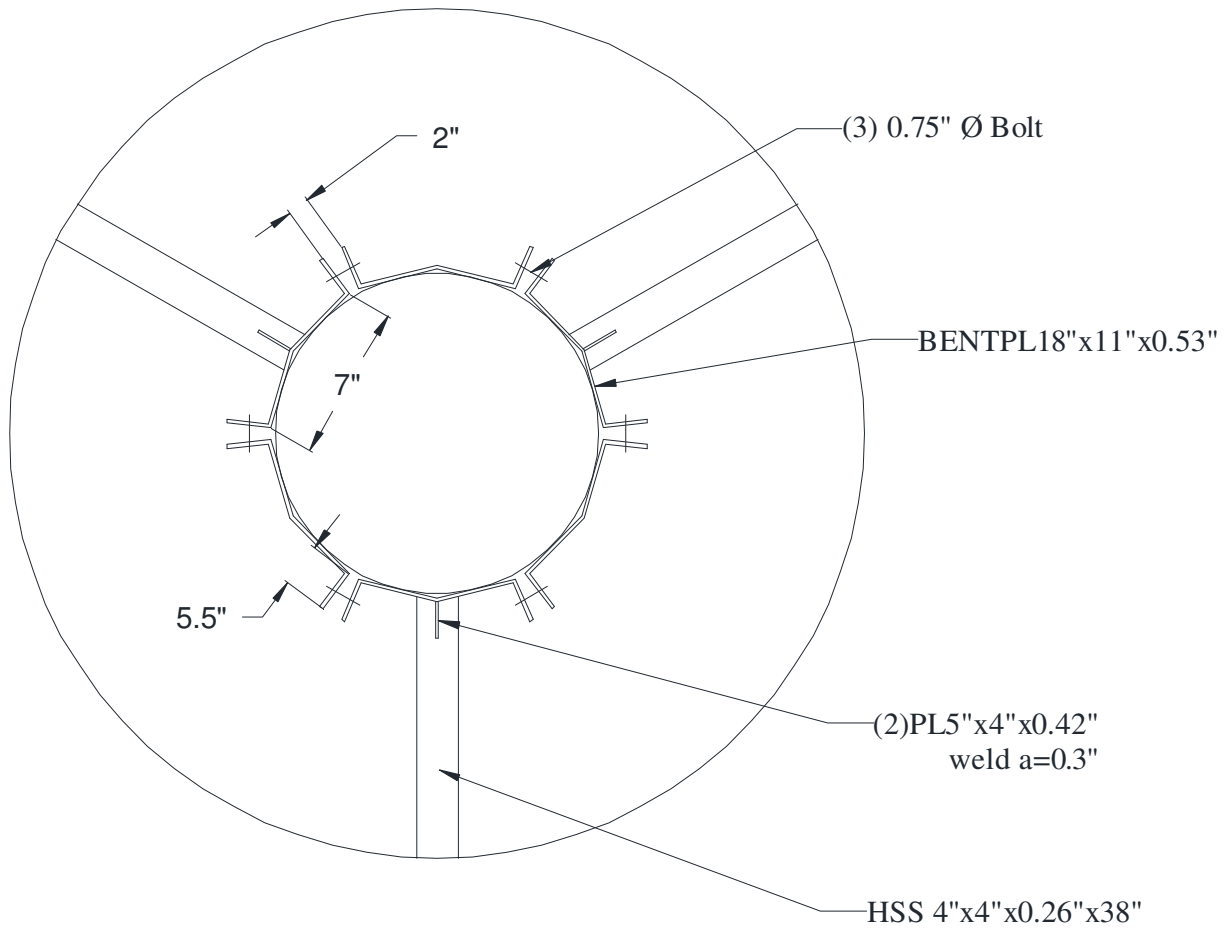


OVERALL MOUNT SCHEMATIC

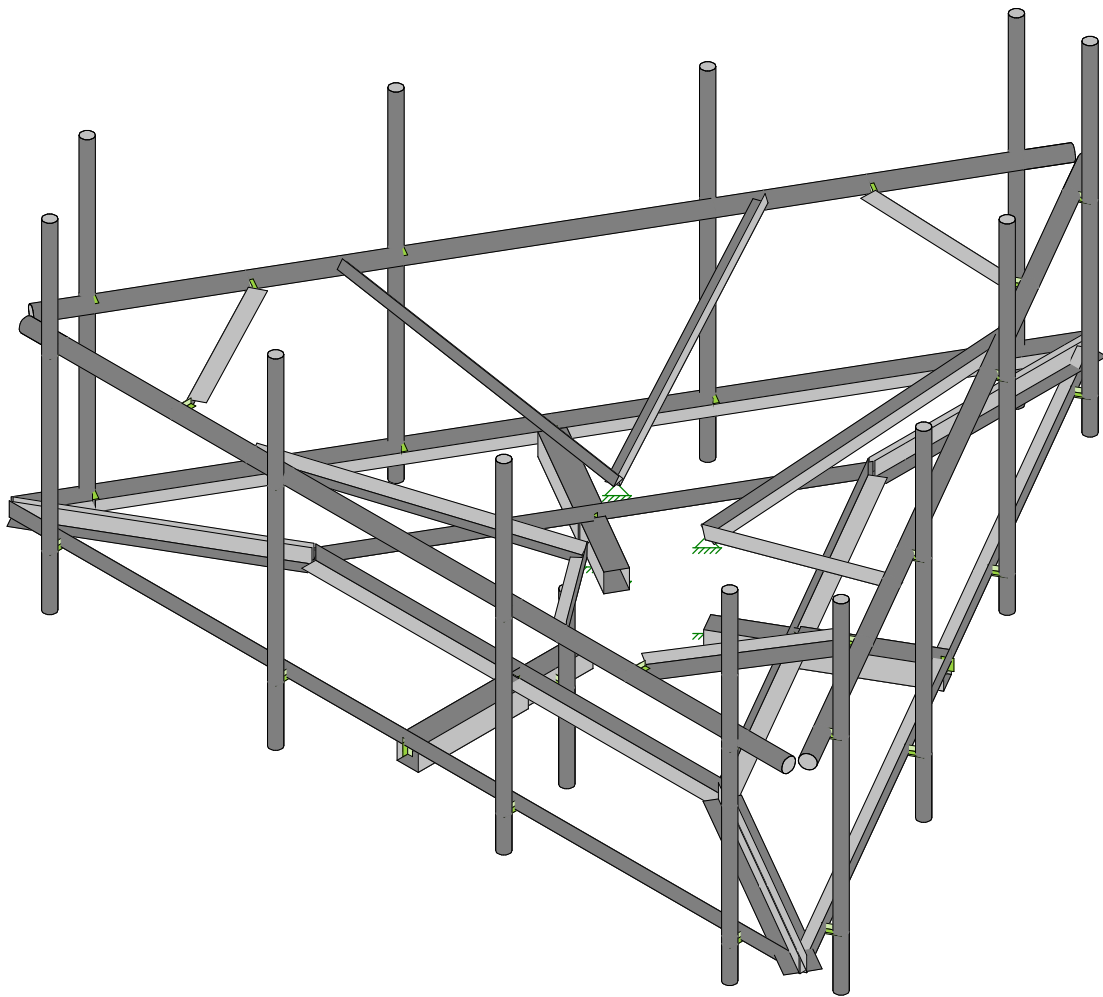
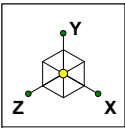


SECTOR A, B, C





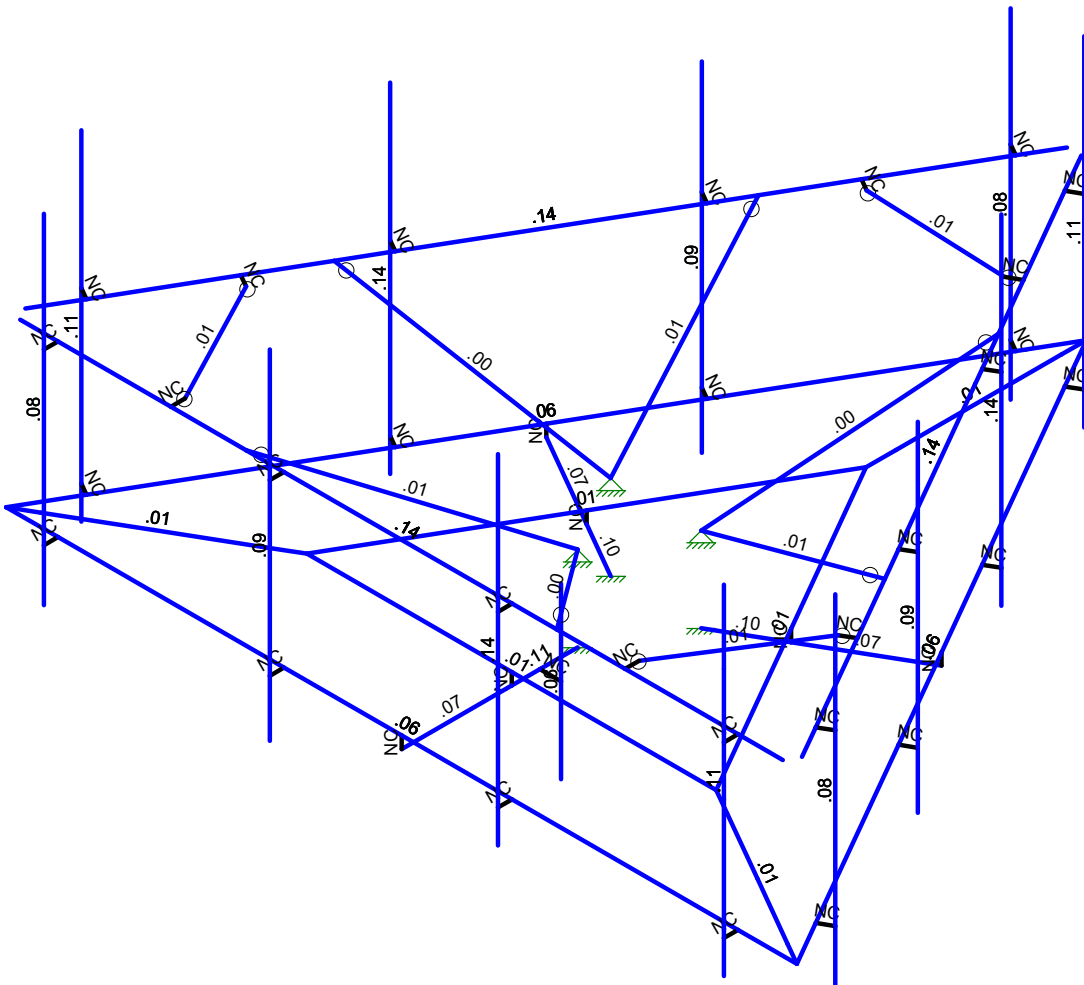
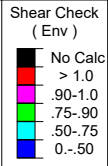
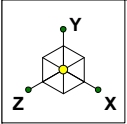
CONN. #2



Envelope Only Solution

Maser Consulting	469377-VZW_MT_LO_H	SK - 1
Mo		June 21, 2021 at 8:54 AM
Project No. 10046639		469377-VZW_MT_LO_H.r3d





Member Shear Checks Displayed (Enveloped)  
Envelope Only Solution

Maser Consulting	469377-VZW_MT_LO_H	SK - 3
Mo		June 21, 2021 at 8:55 AM
Project No. 10046639		469377-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					102		
2	Antenna Di	None					102		
3	Antenna Wo (0 Deg)	None					102		
4	Antenna Wo (30 Deg)	None					102		
5	Antenna Wo (60 Deg)	None					102		
6	Antenna Wo (90 Deg)	None					102		
7	Antenna Wo (120 Deg)	None					102		
8	Antenna Wo (150 Deg)	None					102		
9	Antenna Wo (180 Deg)	None					102		
10	Antenna Wo (210 Deg)	None					102		
11	Antenna Wo (240 Deg)	None					102		
12	Antenna Wo (270 Deg)	None					102		
13	Antenna Wo (300 Deg)	None					102		
14	Antenna Wo (330 Deg)	None					102		
15	Antenna Wi (0 Deg)	None					102		
16	Antenna Wi (30 Deg)	None					102		
17	Antenna Wi (60 Deg)	None					102		
18	Antenna Wi (90 Deg)	None					102		
19	Antenna Wi (120 Deg)	None					102		
20	Antenna Wi (150 Deg)	None					102		
21	Antenna Wi (180 Deg)	None					102		
22	Antenna Wi (210 Deg)	None					102		
23	Antenna Wi (240 Deg)	None					102		
24	Antenna Wi (270 Deg)	None					102		
25	Antenna Wi (300 Deg)	None					102		
26	Antenna Wi (330 Deg)	None					102		
27	Antenna Wm (0 Deg)	None					102		
28	Antenna Wm (30 Deg)	None					102		
29	Antenna Wm (60 Deg)	None					102		
30	Antenna Wm (90 Deg)	None					102		
31	Antenna Wm (120 Deg)	None					102		
32	Antenna Wm (150 Deg)	None					102		
33	Antenna Wm (180 Deg)	None					102		
34	Antenna Wm (210 Deg)	None					102		
35	Antenna Wm (240 Deg)	None					102		
36	Antenna Wm (270 Deg)	None					102		
37	Antenna Wm (300 Deg)	None					102		
38	Antenna Wm (330 Deg)	None					102		
39	Structure D	None		-1				40	3
40	Structure Di	None						80	3
41	Structure Wo (0 Deg)	None						80	
42	Structure Wo (30 Deg)	None						80	
43	Structure Wo (60 Deg)	None						80	
44	Structure Wo (90 Deg)	None						80	
45	Structure Wo (120 D...	None						80	
46	Structure Wo (150 D...	None						80	
47	Structure Wo (180 D...	None						80	
48	Structure Wo (210 D...	None						80	
49	Structure Wo (240 D...	None						80	
50	Structure Wo (270 D...	None						80	
51	Structure Wo (300 D...	None						80	
52	Structure Wo (330 D...	None						80	
53	Structure Wi (0 Deg)	None						80	
54	Structure Wi (30 Deg)	None						80	
55	Structure Wi (60 Deg)	None						80	
56	Structure Wi (90 Deg)	None						80	



**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						80	
58	Structure Wi (150 De...	None						80	
59	Structure Wi (180 De...	None						80	
60	Structure Wi (210 De...	None						80	
61	Structure Wi (240 De...	None						80	
62	Structure Wi (270 De...	None						80	
63	Structure Wi (300 De...	None						80	
64	Structure Wi (330 De...	None						80	
65	Structure Wm (0 Deg)	None						80	
66	Structure Wm (30 De...	None						80	
67	Structure Wm (60 De...	None						80	
68	Structure Wm (90 De...	None						80	
69	Structure Wm (120 D...	None						80	
70	Structure Wm (150 D...	None						80	
71	Structure Wm (180 D...	None						80	
72	Structure Wm (210 D...	None						80	
73	Structure Wm (240 D...	None						80	
74	Structure Wm (270 D...	None						80	
75	Structure Wm (300 D...	None						80	
76	Structure Wm (330 D...	None						80	
77	Lm1	None					1		
78	Lm2	None					1		
79	Lv1	None					1		
80	Lv2	None					1		
81	BLC 39 Transient Are...	None						27	
82	BLC 40 Transient Are...	None						27	

**Load Combinations**

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



**Load Combinations (Continued)**

	Description	Solve	P...	SR...	BLC Fact..	BLC Fact..	BLC Fact..	BLC Fact..	BLC Fact..	BLC Fact..	BLC Fact..	BLC Fact..	BLC Fact..	BLC Fact..	BLC Fact..	BLC Fact..
27	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1		
28	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1		
29	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1		
30	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1		
31	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1		
32	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1		
33	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1		
34	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1		
35	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1		
36	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1		
37	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1		
38	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1		
39	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1		
40	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1		
41	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1		
42	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1		
43	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1		
44	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1		
45	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1		
46	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1		
47	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1		
48	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1		
49	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	79	1.5						
50	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	80	1.5						
51	1.4D	Yes	Y		1	1.4	39	1.4								

**Joint Coordinates and Temperatures**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	CP	0.	0	-0.	0	
2	N2	0.	-0.208333	0.924651	0	
3	N10	-0.	0	-4.183474	0	
4	N11	-0.	0	-4.711485	0	
5	N13	-0.	0	-7.635855	0	
6	N14	-0.	0	-8.082634	0	
7	N15	-3.622995	0	2.091737	0	
8	N16	-6.999766	0	4.041317	0	
9	N17	3.622995	0	2.091737	0	
10	N18	6.999766	0	4.041317	0	
11	N15A	0.	-0.208333	2.091737	0	
12	N16A	0.	-0.208333	4.041317	0	
13	N15B	-4.080266	0	2.355743	0	
14	N16B	-5.346555	0	3.086835	0	
15	N17A	-6.612845	0	3.817928	0	
16	N18A	4.080266	0	2.355743	0	
17	N19	5.346555	0	3.086835	0	
18	N20	6.612845	0	3.817928	0	
19	N67	3.506769	-0.208333	-2.008732	0	
20	N78	1.811497	-0.208333	-1.045868	0	
21	N91	-3.492997	-0.208333	-2.032585	0	
22	N110	-1.811497	-0.208333	-1.045868	0	
23	N108A	3.499883	-0.208333	-2.020658	0	
24	N110A	-3.499883	-0.208333	-2.020658	0	
25	N123C	0.800772	-0.208333	-0.462326	0	
26	N126A	-0.800771	-0.208333	-0.462326	0	
27	N27	5.9581	0	4.041317	0	



Company : Maser Consulting  
 Designer : Mo  
 Job Number : Project No. 10046639  
 Model Name : 469377-VZW\_MT\_LO\_H

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**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
28	N28	1.9581	0	4.041317	0	
29	N29	-2.083567	0	4.041317	0	
30	N30	-6.083567	0	4.041317	0	
31	N31	5.9581	0	4.291317	0	
32	N32	1.9581	0	4.291317	0	
33	N33	-2.083567	0	4.291317	0	
34	N34	-6.083567	0	4.291317	0	
35	N35	5.9581	5.416667	4.291317	0	
36	N36	1.9581	5.416667	4.291317	0	
37	N37	5.9581	-0.583333	4.291317	0	
38	N38	1.9581	-0.583333	4.291317	0	
39	N39	-2.083567	5	4.291317	0	
40	N40	-2.083567	-1	4.291317	0	
41	N41	-6.083567	5.083333	4.291317	0	
42	N42	-6.083567	-0.916667	4.291317	0	
43	N44	0.520834	0	-7.180524	0	
44	N45	2.520834	0	-3.716422	0	
45	N46	4.541667	0	-0.216236	0	
46	N47	6.541667	0	3.247865	0	
47	N48	0.73734	0	-7.305524	0	
48	N49	2.73734	0	-3.841422	0	
49	N50	4.758174	0	-0.341236	0	
50	N51	6.758174	0	3.122865	0	
51	N52	0.73734	5.416667	-7.305524	0	
52	N53	2.73734	5.416667	-3.841422	0	
53	N54	0.73734	-0.583333	-7.305524	0	
54	N55	2.73734	-0.583333	-3.841422	0	
55	N56	4.758174	5	-0.341236	0	
56	N57	4.758174	-1	-0.341236	0	
57	N58	6.758174	5.083333	3.122865	0	
58	N59	6.758174	-0.916667	3.122865	0	
59	N61	-6.478933	0	3.139207	0	
60	N62	-4.478933	0	-0.324895	0	
61	N63	-2.458099	0	-3.825081	0	
62	N64	-0.458099	0	-7.289183	0	
63	N65	-6.695439	0	3.014207	0	
64	N66	-4.695439	0	-0.449895	0	
65	N67A	-2.674606	0	-3.950081	0	
66	N68	-0.674606	0	-7.414183	0	
67	N69	-6.695439	5.416667	3.014207	0	
68	N70	-4.695439	5.416667	-0.449895	0	
69	N71	-6.695439	-0.583333	3.014207	0	
70	N72	-4.695439	-0.583333	-0.449895	0	
71	N73	-2.674606	5	-3.950081	0	
72	N74	-2.674606	-1	-3.950081	0	
73	N75	-0.674606	5.083333	-7.414183	0	
74	N76	-0.674606	-0.916667	-7.414183	0	
75	N75A	5.9581	2.125	4.291317	0	
76	N76A	5.9581	4.125	4.291317	0	
77	N77	5.9581	.125	4.291317	0	
78	N78A	0.	0	2.091737	0	
79	N79	0.	0	4.041317	0	
80	N80	3.506769	0	-2.008732	0	
81	N81	1.811497	0	-1.045868	0	
82	N82	-1.811497	0	-1.045868	0	
83	N83	-3.499883	0	-2.020658	0	
84	N84	-6.749766	3	4.041317	0	



**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
85	N85	6.749766	3	4.041317	0	
86	N86	5.9581	3	4.041317	0	
87	N87	1.9581	3	4.041317	0	
88	N88	-2.083567	3	4.041317	0	
89	N89	-6.083567	3	4.041317	0	
90	N90	5.9581	3	4.291317	0	
91	N91A	1.9581	3	4.291317	0	
92	N92	-2.083567	3	4.291317	0	
93	N93	-6.083567	3	4.291317	0	
94	N94	5.9581	3.125	4.291317	0	
95	N95	6.874766	3	3.824811	0	
96	N96	0.125	3	-7.866128	0	
97	N97	0.520833	3	-7.180524	0	
98	N98	2.520833	3	-3.716423	0	
99	N99	4.541667	3	-0.216236	0	
100	N100	6.541667	3	3.247865	0	
101	N101	0.73734	3	-7.305524	0	
102	N102	2.73734	3	-3.841423	0	
103	N103	4.758173	3	-0.341236	0	
104	N104	6.758173	3	3.122865	0	
105	N105	-0.125	3	-7.866128	0	
106	N106	-6.874766	3	3.824811	0	
107	N107	-6.478933	3	3.139207	0	
108	N108	-4.478933	3	-0.324894	0	
109	N109	-2.4581	3	-3.82508	0	
110	N110B	-0.4581	3	-7.289182	0	
111	N111	-6.695439	3	3.014207	0	
112	N112	-4.695439	3	-0.449894	0	
113	N113	-2.674606	3	-3.95008	0	
114	N114	-0.674606	3	-7.414182	0	
115	N115	3.9581	3	3.791317	0	
116	N116	3.9581	3	4.041317	0	
117	N117	-4.083567	3	3.791317	0	
118	N118	-4.083567	3	4.041317	0	
119	N119	1.304327	3	-5.323473	0	
120	N120	1.520833	3	-5.448473	0	
121	N121	5.32516	3	1.640814	0	
122	N122	5.541667	3	1.515814	0	
123	N123	-5.262427	3	1.532156	0	
124	N124	-5.478933	3	1.407156	0	
125	N125	-1.241593	3	-5.432131	0	
126	N126	-1.4581	3	-5.557131	0	
127	N127	0.	1.291667	0.924651	0	
128	N128	0.800772	1.291667	-0.462326	0	
129	N129	-0.800771	1.291667	-0.462326	0	
130	N133	2.75	3	4.041317	0	
131	N134	-2.75	3	4.041317	0	
132	N136	2.124883	3	-4.402228	0	
133	N137	4.874883	3	0.360911	0	
134	N139	-4.874883	3	0.360911	0	
135	N140	-2.124883	3	-4.402228	0	
136	N136A	0.	-0.208333	1.591737	0	
137	N137A	.375	-0.208333	1.591737	0	
138	N138	.375	1.291667	1.591737	0	
139	N139A	.375	-1.708333	1.591737	0	



Company : Maser Consulting  
 Designer : Mo  
 Job Number : Project No. 10046639  
 Model Name : 469377-VZW\_MT\_LO\_H

June 21, 2021  
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### Hot Rolled Steel Section Sets

	Label	Shape	Type	Design L...	Material	Design ...	A [in <sup>2</sup> ]	Iyy [in <sup>4</sup> ]	Izz [in <sup>4</sup> ]	J [in <sup>4</sup> ]
1	Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
2	Standoff_2	HSS4.5X4.5X3	Beam	Tube	A500 Gr.B Rect	Typical	2.93	9.02	9.02	14.4
3	Cross Members	L3X3X4	Beam	Channel	A36 Gr.36	Typical	1.44	1.23	1.23	.031
4	Face Horizontal	L3X3X4	Beam	Single A...	A36 Gr.36	Typical	1.44	1.23	1.23	.031
5	Standoff_1	HSS4X4X4	Beam	Tube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
6	Grating Angle	LL3x3x4x0	Beam	Double ...	A36 Gr.36	Typical	2.88	4.5	2.46	.063
7	Mount Plate	PL3/8x5	Column	BAR	A36 Gr.36	Typical	1.875	.022	3.906	.084
8	Dual Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
9	Support Rail	PIPE 2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
10	Support Rail Connection	L3X3X4	Column	Pipe	A36 Gr.36	Typical	1.44	1.23	1.23	.031
11	Mod Kickers	L2.5x2.5x3	Column	Pipe	A36 Gr.36	Typical	.901	.535	.535	.011

### Hot Rolled Steel Design Parameters

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torqu...	Kyy	Kzz	Cb	Function
1	M1	Standoff_1	1.167			Lbyy						Lateral
2	M2	Standoff_2	1.95			Lbyy						Lateral
3	M5	Grating Angle	3.899			Lbyy						Lateral
4	M6	Grating Angle	3.899			Lbyy						Lateral
5	M7	Grating Angle	3.899			Lbyy						Lateral
6	M6A	Cross Mem...	7.246			Lbyy						Lateral
7	M7A	Face Horizo...	14			Lbyy						Lateral
8	M23A	Cross Mem...	7.246			Lbyy						Lateral
9	M24	Face Horizo...	14			Lbyy						Lateral
10	M39A	Cross Mem...	7.246			Lbyy						Lateral
11	M40	Face Horizo...	14			Lbyy						Lateral
12	M55	Standoff_2	1.95			Lbyy						Lateral
13	M56	Standoff_2	1.95			Lbyy						Lateral
14	M74A	Standoff_1	1.167			Lbyy						Lateral
15	M75A	Standoff_1	1.167			Lbyy						Lateral
16	MP4A	Mount Pipe	6									Lateral
17	MP3A	Mount Pipe	6									Lateral
18	MP2A	Dual Mount ...	6									Lateral
19	MP1A	Mount Pipe	6									Lateral
20	MP4C	Mount Pipe	6									Lateral
21	MP3C	Mount Pipe	6									Lateral
22	MP2C	Dual Mount ...	6									Lateral
23	MP1C	Mount Pipe	6									Lateral
24	MP4B	Mount Pipe	6									Lateral
25	MP3B	Mount Pipe	6									Lateral
26	MP2B	Dual Mount ...	6									Lateral
27	MP1B	Mount Pipe	6									Lateral
28	M46	Support Rail	13.5			Lbyy						Lateral
29	M51	Support Rail	13.5			Lbyy						Lateral
30	M56A	Support Rail	13.5			Lbyy						Lateral
31	M67	Support Rail...	2.548									Lateral
32	M68	Support Rail...	2.548									Lateral
33	M69	Support Rail...	2.548									Lateral
34	M70	Mod Kickers	4.494									Lateral
35	M71	Mod Kickers	4.494									Lateral
36	M72	Mod Kickers	4.494									Lateral
37	M73	Mod Kickers	4.494									Lateral
38	M74	Mod Kickers	4.494									Lateral
39	M75	Mod Kickers	4.494									Lateral
40	OVP	Mount Pipe	3									Lateral

### Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N2	N15A			Standoff 1	Beam	Tube	A500 Gr.B...	Typical
2	M2	N15A	N16A			Standoff 2	Beam	Tube	A500 Gr.B...	Typical
3	M5	N14	N10		180	Grating Angle	Beam	Double Angle (...)	A36 Gr.36	Typical
4	M6	N16	N15		180	Grating Angle	Beam	Double Angle (...)	A36 Gr.36	Typical
5	M7	N18	N17		180	Grating Angle	Beam	Double Angle (...)	A36 Gr.36	Typical
6	M6A	N17	N15		270	Cross Members	Beam	Channel	A36 Gr.36	Typical
7	M7A	N16	N18		270	Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
8	M23A	N10	N17		270	Cross Members	Beam	Channel	A36 Gr.36	Typical
9	M24	N18	N14		270	Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
10	M39A	N15	N10		270	Cross Members	Beam	Channel	A36 Gr.36	Typical
11	M40	N14	N16		270	Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
12	M55	N78	N108A			Standoff 2	Beam	Tube	A500 Gr.B...	Typical
13	M56	N110	N110A			Standoff 2	Beam	Tube	A500 Gr.B...	Typical
14	M74A	N123C	N78			Standoff 1	Beam	Tube	A500 Gr.B...	Typical
15	M75A	N126A	N110			Standoff 1	Beam	Tube	A500 Gr.B...	Typical
16	M16	N34	N30			RIGID	None	None	RIGID	Typical
17	M17	N33	N29			RIGID	None	None	RIGID	Typical
18	M18	N32	N28			RIGID	None	None	RIGID	Typical
19	M19	N31	N27			RIGID	None	None	RIGID	Typical
20	MP4A	N41	N42			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
21	MP3A	N39	N40			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
22	MP2A	N36	N38			Dual Mount Pipe	Column	Pipe	A53 Gr.B	Typical
23	MP1A	N35	N37			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
24	M24A	N51	N47			RIGID	None	None	RIGID	Typical
25	M25	N50	N46			RIGID	None	None	RIGID	Typical
26	M26	N49	N45			RIGID	None	None	RIGID	Typical
27	M27	N48	N44			RIGID	None	None	RIGID	Typical
28	MP4C	N58	N59			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
29	MP3C	N56	N57			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
30	MP2C	N53	N55			Dual Mount Pipe	Column	Pipe	A53 Gr.B	Typical
31	MP1C	N52	N54			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
32	M32	N68	N64			RIGID	None	None	RIGID	Typical
33	M33	N67A	N63			RIGID	None	None	RIGID	Typical
34	M34	N66	N62			RIGID	None	None	RIGID	Typical
35	M35	N65	N61			RIGID	None	None	RIGID	Typical
36	MP4B	N75	N76			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
37	MP3B	N73	N74			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
38	MP2B	N70	N72			Dual Mount Pipe	Column	Pipe	A53 Gr.B	Typical
39	MP1B	N69	N71			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
40	M40A	N79	N16A			RIGID	None	None	RIGID	Typical
41	M41	N78A	N15A			RIGID	None	None	RIGID	Typical
42	M42	N83	N110A			RIGID	None	None	RIGID	Typical
43	M43	N82	N110			RIGID	None	None	RIGID	Typical
44	M44	N81	N78			RIGID	None	None	RIGID	Typical
45	M45	N80	N108A			RIGID	None	None	RIGID	Typical
46	M46	N84	N85		270	Support Rail	Column	Pipe	A53 Gr.B	Typical
47	M47	N93	N89			RIGID	None	None	RIGID	Typical
48	M48	N92	N88			RIGID	None	None	RIGID	Typical
49	M49	N91A	N87			RIGID	None	None	RIGID	Typical
50	M50	N90	N86			RIGID	None	None	RIGID	Typical
51	M51	N95	N96		270	Support Rail	Column	Pipe	A53 Gr.B	Typical
52	M52	N104	N100			RIGID	None	None	RIGID	Typical
53	M53	N103	N99			RIGID	None	None	RIGID	Typical
54	M54	N102	N98			RIGID	None	None	RIGID	Typical
55	M55A	N101	N97			RIGID	None	None	RIGID	Typical
56	M56A	N105	N106		270	Support Rail	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
57	M57	N114	N110B			RIGID	None	None	RIGID	Typical
58	M58	N113	N109			RIGID	None	None	RIGID	Typical
59	M59	N112	N108			RIGID	None	None	RIGID	Typical
60	M60	N111	N107			RIGID	None	None	RIGID	Typical
61	M61	N116	N115			RIGID	None	None	RIGID	Typical
62	M62	N118	N117			RIGID	None	None	RIGID	Typical
63	M63	N120	N119			RIGID	None	None	RIGID	Typical
64	M64	N122	N121			RIGID	None	None	RIGID	Typical
65	M65	N124	N123			RIGID	None	None	RIGID	Typical
66	M66	N126	N125			RIGID	None	None	RIGID	Typical
67	M67	N117	N123		90	Support Rail C...	Column	Pipe	A36 Gr.36	Typical
68	M68	N121	N115		90	Support Rail C...	Column	Pipe	A36 Gr.36	Typical
69	M69	N125	N119		90	Support Rail C...	Column	Pipe	A36 Gr.36	Typical
70	M70	N134	N127			Mod Kickers	Column	Pipe	A36 Gr.36	Typical
71	M71	N133	N127		270	Mod Kickers	Column	Pipe	A36 Gr.36	Typical
72	M72	N137	N128			Mod Kickers	Column	Pipe	A36 Gr.36	Typical
73	M73	N136	N128		270	Mod Kickers	Column	Pipe	A36 Gr.36	Typical
74	M74	N140	N129			Mod Kickers	Column	Pipe	A36 Gr.36	Typical
75	M75	N139	N129		270	Mod Kickers	Column	Pipe	A36 Gr.36	Typical
76	OVP	N138	N139A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
77	M77	N137A	N136A			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	M1						Yes				None
2	M2						Yes				None
3	M5						Yes				None
4	M6						Yes				None
5	M7						Yes	Default			None
6	M6A						Yes				None
7	M7A						Yes	Default			None
8	M23A						Yes				None
9	M24						Yes				None
10	M39A						Yes				None
11	M40						Yes				None
12	M55						Yes				None
13	M56						Yes				None
14	M74A						Yes				None
15	M75A						Yes				None
16	M16						Yes	** NA **			None
17	M17						Yes	** NA **			None
18	M18						Yes	** NA **			None
19	M19						Yes	** NA **			None
20	MP4A						Yes	** NA **			None
21	MP3A						Yes	** NA **			None
22	MP2A						Yes	** NA **			None
23	MP1A						Yes	** NA **			None
24	M24A						Yes	** NA **			None
25	M25						Yes	** NA **			None
26	M26						Yes	** NA **			None
27	M27						Yes	** NA **			None
28	MP4C						Yes	** NA **			None
29	MP3C						Yes	** NA **			None
30	MP2C						Yes	** NA **			None
31	MP1C						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...
32	M32						Yes	** NA **			None
33	M33						Yes	** NA **			None
34	M34						Yes	** NA **			None
35	M35						Yes	** NA **			None
36	MP4B						Yes	** NA **			None
37	MP3B						Yes	** NA **			None
38	MP2B						Yes	** NA **			None
39	MP1B						Yes	** NA **			None
40	M40A						Yes	** NA **			None
41	M41						Yes	** NA **			None
42	M42						Yes	** NA **			None
43	M43						Yes	** NA **			None
44	M44						Yes	** NA **			None
45	M45						Yes	** NA **			None
46	M46						Yes	** NA **			None
47	M47						Yes	** NA **			None
48	M48						Yes	** NA **			None
49	M49						Yes	** NA **			None
50	M50						Yes	** NA **			None
51	M51						Yes	** NA **			None
52	M52						Yes	** NA **			None
53	M53						Yes	** NA **			None
54	M54						Yes	** NA **			None
55	M55A						Yes	** NA **			None
56	M56A						Yes	** NA **			None
57	M57						Yes	** NA **			None
58	M58						Yes	** NA **			None
59	M59						Yes	** NA **			None
60	M60						Yes	** NA **			None
61	M61	OOOOOX					Yes	** NA **			None
62	M62	OOOOOX					Yes	** NA **			None
63	M63	OOOOOX					Yes	** NA **			None
64	M64	OOOOOX					Yes	** NA **			None
65	M65	OOOOOX					Yes	** NA **			None
66	M66	OOOOOX					Yes	** NA **			None
67	M67						Yes	** NA **			None
68	M68						Yes	** NA **			None
69	M69						Yes	** NA **			None
70	M70	BenPIN					Yes	** NA **			None
71	M71	BenPIN					Yes	** NA **			None
72	M72	BenPIN					Yes	** NA **			None
73	M73	BenPIN					Yes	** NA **			None
74	M74	BenPIN					Yes	** NA **			None
75	M75	BenPIN					Yes	** NA **			None
76	OVP						Yes	** NA **			None
77	M77						Yes	** NA **			None

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	Y	-31.65	1.25
2	MP2A	My	-.024	1.25
3	MP2A	Mz	.021	1.25
4	MP2A	Y	-31.65	5.25
5	MP2A	My	-.024	5.25
6	MP2A	Mz	.021	5.25



Company : Maser Consulting  
 Designer : Mo  
 Job Number : Project No. 10046639  
 Model Name : 469377-VZW\_MT\_LO\_H

June 21, 2021  
 8:55 AM  
 Checked By: \_\_\_\_\_

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
7	MP2B	Y	-31.65	1.25
8	MP2B	My	-0.06	1.25
9	MP2B	Mz	-0.031	1.25
10	MP2B	Y	-31.65	5.25
11	MP2B	My	-0.06	5.25
12	MP2B	Mz	-0.031	5.25
13	MP2C	Y	-31.65	1.25
14	MP2C	My	.03	1.25
15	MP2C	Mz	.01	1.25
16	MP2C	Y	-31.65	5.25
17	MP2C	My	.03	5.25
18	MP2C	Mz	.01	5.25
19	MP2A	Y	-31.65	1.25
20	MP2A	My	-0.024	1.25
21	MP2A	Mz	-0.021	1.25
22	MP2A	Y	-31.65	5.25
23	MP2A	My	-0.024	5.25
24	MP2A	Mz	-0.021	5.25
25	MP2B	Y	-31.65	1.25
26	MP2B	My	.03	1.25
27	MP2B	Mz	-0.01	1.25
28	MP2B	Y	-31.65	5.25
29	MP2B	My	.03	5.25
30	MP2B	Mz	-0.01	5.25
31	MP2C	Y	-31.65	1.25
32	MP2C	My	-0.06	1.25
33	MP2C	Mz	.031	1.25
34	MP2C	Y	-31.65	5.25
35	MP2C	My	-0.06	5.25
36	MP2C	Mz	.031	5.25
37	MP3A	Y	-43.55	2.41
38	MP3A	My	-0.033	2.41
39	MP3A	Mz	0	2.41
40	MP3A	Y	-43.55	3.41
41	MP3A	My	-0.033	3.41
42	MP3A	Mz	0	3.41
43	MP3B	Y	-43.55	2.41
44	MP3B	My	.016	2.41
45	MP3B	Mz	-0.028	2.41
46	MP3B	Y	-43.55	3.41
47	MP3B	My	.016	3.41
48	MP3B	Mz	-0.028	3.41
49	MP3C	Y	-43.55	2.41
50	MP3C	My	.016	2.41
51	MP3C	Mz	.028	2.41
52	MP3C	Y	-43.55	3.41
53	MP3C	My	.016	3.41
54	MP3C	Mz	.028	3.41
55	MP2A	Y	-10.4	2.5
56	MP2A	My	.005	2.5
57	MP2A	Mz	0	2.5
58	MP2B	Y	-10.4	2.5
59	MP2B	My	-0.003	2.5
60	MP2B	Mz	.005	2.5
61	MP2C	Y	-10.4	2.5
62	MP2C	My	-0.003	2.5
63	MP2C	Mz	-0.005	2.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
64	MP3A	Y	-84.4	4
65	MP3A	My	.042	4
66	MP3A	Mz	0	4
67	MP3B	Y	-84.4	4
68	MP3B	My	-.021	4
69	MP3B	Mz	.037	4
70	MP3C	Y	-84.4	4
71	MP3C	My	-.021	4
72	MP3C	Mz	-.037	4
73	MP2A	Y	-70.3	4
74	MP2A	My	.035	4
75	MP2A	Mz	0	4
76	MP2B	Y	-70.3	4
77	MP2B	My	-.018	4
78	MP2B	Mz	.03	4
79	MP2C	Y	-70.3	4
80	MP2C	My	-.018	4
81	MP2C	Mz	-.03	4
82	MP1A	Y	-22.95	.67
83	MP1A	My	-.017	.67
84	MP1A	Mz	0	.67
85	MP1A	Y	-22.95	5.67
86	MP1A	My	-.017	5.67
87	MP1A	Mz	0	5.67
88	MP1B	Y	-22.95	.67
89	MP1B	My	.009	.67
90	MP1B	Mz	-.015	.67
91	MP1B	Y	-22.95	5.67
92	MP1B	My	.009	5.67
93	MP1B	Mz	-.015	5.67
94	MP1C	Y	-22.95	.67
95	MP1C	My	.009	.67
96	MP1C	Mz	.015	.67
97	MP1C	Y	-22.95	5.67
98	MP1C	My	.009	5.67
99	MP1C	Mz	.015	5.67
100	OVP	Y	-44	1
101	OVP	My	0	1
102	OVP	Mz	.022	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	Y	-67.948	1.25
2	MP2A	My	-.051	1.25
3	MP2A	Mz	.045	1.25
4	MP2A	Y	-67.948	5.25
5	MP2A	My	-.051	5.25
6	MP2A	Mz	.045	5.25
7	MP2B	Y	-67.948	1.25
8	MP2B	My	-.014	1.25
9	MP2B	Mz	-.067	1.25
10	MP2B	Y	-67.948	5.25
11	MP2B	My	-.014	5.25
12	MP2B	Mz	-.067	5.25
13	MP2C	Y	-67.948	1.25
14	MP2C	My	.065	1.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
15	MP2C	Mz	.021	1.25
16	MP2C	Y	-67.948	5.25
17	MP2C	My	.065	5.25
18	MP2C	Mz	.021	5.25
19	MP2A	Y	-67.948	1.25
20	MP2A	My	-.051	1.25
21	MP2A	Mz	-.045	1.25
22	MP2A	Y	-67.948	5.25
23	MP2A	My	-.051	5.25
24	MP2A	Mz	-.045	5.25
25	MP2B	Y	-67.948	1.25
26	MP2B	My	.065	1.25
27	MP2B	Mz	-.021	1.25
28	MP2B	Y	-67.948	5.25
29	MP2B	My	.065	5.25
30	MP2B	Mz	-.021	5.25
31	MP2C	Y	-67.948	1.25
32	MP2C	My	-.014	1.25
33	MP2C	Mz	.067	1.25
34	MP2C	Y	-67.948	5.25
35	MP2C	My	-.014	5.25
36	MP2C	Mz	.067	5.25
37	MP3A	Y	-34.577	2.41
38	MP3A	My	-.026	2.41
39	MP3A	Mz	0	2.41
40	MP3A	Y	-34.577	3.41
41	MP3A	My	-.026	3.41
42	MP3A	Mz	0	3.41
43	MP3B	Y	-34.577	2.41
44	MP3B	My	.013	2.41
45	MP3B	Mz	-.022	2.41
46	MP3B	Y	-34.577	3.41
47	MP3B	My	.013	3.41
48	MP3B	Mz	-.022	3.41
49	MP3C	Y	-34.577	2.41
50	MP3C	My	.013	2.41
51	MP3C	Mz	.022	2.41
52	MP3C	Y	-34.577	3.41
53	MP3C	My	.013	3.41
54	MP3C	Mz	.022	3.41
55	MP2A	Y	-10.386	2.5
56	MP2A	My	.005	2.5
57	MP2A	Mz	0	2.5
58	MP2B	Y	-10.386	2.5
59	MP2B	My	-.003	2.5
60	MP2B	Mz	.004	2.5
61	MP2C	Y	-10.386	2.5
62	MP2C	My	-.003	2.5
63	MP2C	Mz	-.004	2.5
64	MP3A	Y	-43.575	4
65	MP3A	My	.022	4
66	MP3A	Mz	0	4
67	MP3B	Y	-43.575	4
68	MP3B	My	-.011	4
69	MP3B	Mz	.019	4
70	MP3C	Y	-43.575	4
71	MP3C	My	-.011	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
72	MP3C	Mz	-.019	4
73	MP2A	Y	-39.179	4
74	MP2A	My	.02	4
75	MP2A	Mz	0	4
76	MP2B	Y	-39.179	4
77	MP2B	My	-.01	4
78	MP2B	Mz	.017	4
79	MP2C	Y	-39.179	4
80	MP2C	My	-.01	4
81	MP2C	Mz	-.017	4
82	MP1A	Y	-65.348	.67
83	MP1A	My	-.049	.67
84	MP1A	Mz	0	.67
85	MP1A	Y	-65.348	5.67
86	MP1A	My	-.049	5.67
87	MP1A	Mz	0	5.67
88	MP1B	Y	-65.348	.67
89	MP1B	My	.025	.67
90	MP1B	Mz	-.042	.67
91	MP1B	Y	-65.348	5.67
92	MP1B	My	.025	5.67
93	MP1B	Mz	-.042	5.67
94	MP1C	Y	-65.348	.67
95	MP1C	My	.025	.67
96	MP1C	Mz	.042	.67
97	MP1C	Y	-65.348	5.67
98	MP1C	My	.025	5.67
99	MP1C	Mz	.042	5.67
100	OVP	Y	-71.689	1
101	OVP	My	0	1
102	OVP	Mz	.036	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	0	1.25
2	MP2A	Z	-179.573	1.25
3	MP2A	Mx	-.12	1.25
4	MP2A	X	0	5.25
5	MP2A	Z	-179.573	5.25
6	MP2A	Mx	-.12	5.25
7	MP2B	X	0	1.25
8	MP2B	Z	-133.349	1.25
9	MP2B	Mx	.131	1.25
10	MP2B	X	0	5.25
11	MP2B	Z	-133.349	5.25
12	MP2B	Mx	.131	5.25
13	MP2C	X	0	1.25
14	MP2C	Z	-133.349	1.25
15	MP2C	Mx	-.042	1.25
16	MP2C	X	0	5.25
17	MP2C	Z	-133.349	5.25
18	MP2C	Mx	-.042	5.25
19	MP2A	X	0	1.25
20	MP2A	Z	-179.573	1.25
21	MP2A	Mx	.12	1.25
22	MP2A	X	0	5.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
23	MP2A	Z	-179.573	5.25
24	MP2A	Mx	.12	5.25
25	MP2B	X	0	1.25
26	MP2B	Z	-133.349	1.25
27	MP2B	Mx	.042	1.25
28	MP2B	X	0	5.25
29	MP2B	Z	-133.349	5.25
30	MP2B	Mx	.042	5.25
31	MP2C	X	0	1.25
32	MP2C	Z	-133.349	1.25
33	MP2C	Mx	-.131	1.25
34	MP2C	X	0	5.25
35	MP2C	Z	-133.349	5.25
36	MP2C	Mx	-.131	5.25
37	MP3A	X	0	2.41
38	MP3A	Z	-92.645	2.41
39	MP3A	Mx	0	2.41
40	MP3A	X	0	3.41
41	MP3A	Z	-92.645	3.41
42	MP3A	Mx	0	3.41
43	MP3B	X	0	2.41
44	MP3B	Z	-50.364	2.41
45	MP3B	Mx	.033	2.41
46	MP3B	X	0	3.41
47	MP3B	Z	-50.364	3.41
48	MP3B	Mx	.033	3.41
49	MP3C	X	0	2.41
50	MP3C	Z	-50.364	2.41
51	MP3C	Mx	-.033	2.41
52	MP3C	X	0	3.41
53	MP3C	Z	-50.364	3.41
54	MP3C	Mx	-.033	3.41
55	MP2A	X	0	2.5
56	MP2A	Z	-14.587	2.5
57	MP2A	Mx	0	2.5
58	MP2B	X	0	2.5
59	MP2B	Z	-11.216	2.5
60	MP2B	Mx	-.005	2.5
61	MP2C	X	0	2.5
62	MP2C	Z	-11.216	2.5
63	MP2C	Mx	.005	2.5
64	MP3A	X	0	4
65	MP3A	Z	-73.721	4
66	MP3A	Mx	0	4
67	MP3B	X	0	4
68	MP3B	Z	-55.39	4
69	MP3B	Mx	-.024	4
70	MP3C	X	0	4
71	MP3C	Z	-55.39	4
72	MP3C	Mx	.024	4
73	MP2A	X	0	4
74	MP2A	Z	-73.721	4
75	MP2A	Mx	0	4
76	MP2B	X	0	4
77	MP2B	Z	-48.367	4
78	MP2B	Mx	-.021	4
79	MP2C	X	0	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
80	MP2C	Z	-48.367	4
81	MP2C	Mx	.021	4
82	MP1A	X	0	.67
83	MP1A	Z	-181.938	.67
84	MP1A	Mx	0	.67
85	MP1A	X	0	5.67
86	MP1A	Z	-181.938	5.67
87	MP1A	Mx	0	5.67
88	MP1B	X	0	.67
89	MP1B	Z	-136.259	.67
90	MP1B	Mx	.089	.67
91	MP1B	X	0	5.67
92	MP1B	Z	-136.259	5.67
93	MP1B	Mx	.089	5.67
94	MP1C	X	0	.67
95	MP1C	Z	-136.259	.67
96	MP1C	Mx	-.089	.67
97	MP1C	X	0	5.67
98	MP1C	Z	-136.259	5.67
99	MP1C	Mx	-.089	5.67
100	OVP	X	0	1
101	OVP	Z	-146.26	1
102	OVP	Mx	-.073	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	82.082	1.25
2	MP2A	Z	-142.171	1.25
3	MP2A	Mx	-.156	1.25
4	MP2A	X	82.082	5.25
5	MP2A	Z	-142.171	5.25
6	MP2A	Mx	-.156	5.25
7	MP2B	X	58.971	1.25
8	MP2B	Z	-102.14	1.25
9	MP2B	Mx	.088	1.25
10	MP2B	X	58.971	5.25
11	MP2B	Z	-102.14	5.25
12	MP2B	Mx	.088	5.25
13	MP2C	X	82.082	1.25
14	MP2C	Z	-142.171	1.25
15	MP2C	Mx	.033	1.25
16	MP2C	X	82.082	5.25
17	MP2C	Z	-142.171	5.25
18	MP2C	Mx	.033	5.25
19	MP2A	X	82.082	1.25
20	MP2A	Z	-142.171	1.25
21	MP2A	Mx	.033	1.25
22	MP2A	X	82.082	5.25
23	MP2A	Z	-142.171	5.25
24	MP2A	Mx	.033	5.25
25	MP2B	X	58.971	1.25
26	MP2B	Z	-102.14	1.25
27	MP2B	Mx	.088	1.25
28	MP2B	X	58.971	5.25
29	MP2B	Z	-102.14	5.25
30	MP2B	Mx	.088	5.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
31	MP2C	X	82.082	1.25
32	MP2C	Z	-142.171	1.25
33	MP2C	Mx	-.156	1.25
34	MP2C	X	82.082	5.25
35	MP2C	Z	-142.171	5.25
36	MP2C	Mx	-.156	5.25
37	MP3A	X	39.275	2.41
38	MP3A	Z	-68.027	2.41
39	MP3A	Mx	-.029	2.41
40	MP3A	X	39.275	3.41
41	MP3A	Z	-68.027	3.41
42	MP3A	Mx	-.029	3.41
43	MP3B	X	18.135	2.41
44	MP3B	Z	-31.411	2.41
45	MP3B	Mx	.027	2.41
46	MP3B	X	18.135	3.41
47	MP3B	Z	-31.411	3.41
48	MP3B	Mx	.027	3.41
49	MP3C	X	39.275	2.41
50	MP3C	Z	-68.027	2.41
51	MP3C	Mx	-.029	2.41
52	MP3C	X	39.275	3.41
53	MP3C	Z	-68.027	3.41
54	MP3C	Mx	-.029	3.41
55	MP2A	X	6.732	2.5
56	MP2A	Z	-11.659	2.5
57	MP2A	Mx	.003	2.5
58	MP2B	X	5.046	2.5
59	MP2B	Z	-8.74	2.5
60	MP2B	Mx	-.005	2.5
61	MP2C	X	6.732	2.5
62	MP2C	Z	-11.659	2.5
63	MP2C	Mx	.003	2.5
64	MP3A	X	33.805	4
65	MP3A	Z	-58.553	4
66	MP3A	Mx	.017	4
67	MP3B	X	24.64	4
68	MP3B	Z	-42.677	4
69	MP3B	Mx	-.025	4
70	MP3C	X	33.805	4
71	MP3C	Z	-58.553	4
72	MP3C	Mx	.017	4
73	MP2A	X	32.635	4
74	MP2A	Z	-56.526	4
75	MP2A	Mx	.016	4
76	MP2B	X	19.958	4
77	MP2B	Z	-34.568	4
78	MP2B	Mx	-.02	4
79	MP2C	X	32.635	4
80	MP2C	Z	-56.526	4
81	MP2C	Mx	.016	4
82	MP1A	X	83.356	.67
83	MP1A	Z	-144.377	.67
84	MP1A	Mx	-.063	.67
85	MP1A	X	83.356	5.67
86	MP1A	Z	-144.377	5.67
87	MP1A	Mx	-.063	5.67





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
88	MP1B	X	60.516	.67
89	MP1B	Z	-104.817	.67
90	MP1B	Mx	.091	.67
91	MP1B	X	60.516	5.67
92	MP1B	Z	-104.817	5.67
93	MP1B	Mx	.091	5.67
94	MP1C	X	83.356	.67
95	MP1C	Z	-144.377	.67
96	MP1C	Mx	-.063	.67
97	MP1C	X	83.356	5.67
98	MP1C	Z	-144.377	5.67
99	MP1C	Mx	-.063	5.67
100	OVP	X	65.718	1
101	OVP	Z	-113.827	1
102	OVP	Mx	-.057	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	115.484	1.25
2	MP2A	Z	-66.674	1.25
3	MP2A	Mx	-.131	1.25
4	MP2A	X	115.484	5.25
5	MP2A	Z	-66.674	5.25
6	MP2A	Mx	-.131	5.25
7	MP2B	X	115.484	1.25
8	MP2B	Z	-66.674	1.25
9	MP2B	Mx	.042	1.25
10	MP2B	X	115.484	5.25
11	MP2B	Z	-66.674	5.25
12	MP2B	Mx	.042	5.25
13	MP2C	X	155.515	1.25
14	MP2C	Z	-89.786	1.25
15	MP2C	Mx	.12	1.25
16	MP2C	X	155.515	5.25
17	MP2C	Z	-89.786	5.25
18	MP2C	Mx	.12	5.25
19	MP2A	X	115.484	1.25
20	MP2A	Z	-66.674	1.25
21	MP2A	Mx	-.042	1.25
22	MP2A	X	115.484	5.25
23	MP2A	Z	-66.674	5.25
24	MP2A	Mx	-.042	5.25
25	MP2B	X	115.484	1.25
26	MP2B	Z	-66.674	1.25
27	MP2B	Mx	.131	1.25
28	MP2B	X	115.484	5.25
29	MP2B	Z	-66.674	5.25
30	MP2B	Mx	.131	5.25
31	MP2C	X	155.515	1.25
32	MP2C	Z	-89.786	1.25
33	MP2C	Mx	-.12	1.25
34	MP2C	X	155.515	5.25
35	MP2C	Z	-89.786	5.25
36	MP2C	Mx	-.12	5.25
37	MP3A	X	43.616	2.41
38	MP3A	Z	-25.182	2.41



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
39	MP3A	Mx	-.033	2.41
40	MP3A	X	43.616	3.41
41	MP3A	Z	-25.182	3.41
42	MP3A	Mx	-.033	3.41
43	MP3B	X	43.616	2.41
44	MP3B	Z	-25.182	2.41
45	MP3B	Mx	.033	2.41
46	MP3B	X	43.616	3.41
47	MP3B	Z	-25.182	3.41
48	MP3B	Mx	.033	3.41
49	MP3C	X	80.233	2.41
50	MP3C	Z	-46.322	2.41
51	MP3C	Mx	0	2.41
52	MP3C	X	80.233	3.41
53	MP3C	Z	-46.322	3.41
54	MP3C	Mx	0	3.41
55	MP2A	X	9.713	2.5
56	MP2A	Z	-5.608	2.5
57	MP2A	Mx	.005	2.5
58	MP2B	X	9.713	2.5
59	MP2B	Z	-5.608	2.5
60	MP2B	Mx	-.005	2.5
61	MP2C	X	12.632	2.5
62	MP2C	Z	-7.293	2.5
63	MP2C	Mx	0	2.5
64	MP3A	X	47.969	4
65	MP3A	Z	-27.695	4
66	MP3A	Mx	.024	4
67	MP3B	X	47.969	4
68	MP3B	Z	-27.695	4
69	MP3B	Mx	-.024	4
70	MP3C	X	63.845	4
71	MP3C	Z	-36.861	4
72	MP3C	Mx	0	4
73	MP2A	X	41.887	4
74	MP2A	Z	-24.184	4
75	MP2A	Mx	.021	4
76	MP2B	X	41.887	4
77	MP2B	Z	-24.184	4
78	MP2B	Mx	-.021	4
79	MP2C	X	63.845	4
80	MP2C	Z	-36.861	4
81	MP2C	Mx	0	4
82	MP1A	X	118.004	.67
83	MP1A	Z	-68.129	.67
84	MP1A	Mx	-.089	.67
85	MP1A	X	118.004	5.67
86	MP1A	Z	-68.129	5.67
87	MP1A	Mx	-.089	5.67
88	MP1B	X	118.004	.67
89	MP1B	Z	-68.129	.67
90	MP1B	Mx	.089	.67
91	MP1B	X	118.004	5.67
92	MP1B	Z	-68.129	5.67
93	MP1B	Mx	.089	5.67
94	MP1C	X	157.563	.67
95	MP1C	Z	-90.969	.67



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
96	MP1C	Mx	0	.67
97	MP1C	X	157.563	5.67
98	MP1C	Z	-90.969	5.67
99	MP1C	Mx	0	5.67
100	OVP	X	88.151	1
101	OVP	Z	-50.894	1
102	OVP	Mx	-.025	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	117.941	1.25
2	MP2A	Z	0	1.25
3	MP2A	Mx	-.088	1.25
4	MP2A	X	117.941	5.25
5	MP2A	Z	0	5.25
6	MP2A	Mx	-.088	5.25
7	MP2B	X	164.165	1.25
8	MP2B	Z	0	1.25
9	MP2B	Mx	-.033	1.25
10	MP2B	X	164.165	5.25
11	MP2B	Z	0	5.25
12	MP2B	Mx	-.033	5.25
13	MP2C	X	164.165	1.25
14	MP2C	Z	0	1.25
15	MP2C	Mx	.156	1.25
16	MP2C	X	164.165	5.25
17	MP2C	Z	0	5.25
18	MP2C	Mx	.156	5.25
19	MP2A	X	117.941	1.25
20	MP2A	Z	0	1.25
21	MP2A	Mx	-.088	1.25
22	MP2A	X	117.941	5.25
23	MP2A	Z	0	5.25
24	MP2A	Mx	-.088	5.25
25	MP2B	X	164.165	1.25
26	MP2B	Z	0	1.25
27	MP2B	Mx	.156	1.25
28	MP2B	X	164.165	5.25
29	MP2B	Z	0	5.25
30	MP2B	Mx	.156	5.25
31	MP2C	X	164.165	1.25
32	MP2C	Z	0	1.25
33	MP2C	Mx	-.033	1.25
34	MP2C	X	164.165	5.25
35	MP2C	Z	0	5.25
36	MP2C	Mx	-.033	5.25
37	MP3A	X	36.27	2.41
38	MP3A	Z	0	2.41
39	MP3A	Mx	-.027	2.41
40	MP3A	X	36.27	3.41
41	MP3A	Z	0	3.41
42	MP3A	Mx	-.027	3.41
43	MP3B	X	78.551	2.41
44	MP3B	Z	0	2.41
45	MP3B	Mx	.029	2.41
46	MP3B	X	78.551	3.41



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
47	MP3B	Z	0	3.41
48	MP3B	Mx	.029	3.41
49	MP3C	X	78.551	2.41
50	MP3C	Z	0	2.41
51	MP3C	Mx	.029	2.41
52	MP3C	X	78.551	3.41
53	MP3C	Z	0	3.41
54	MP3C	Mx	.029	3.41
55	MP2A	X	10.092	2.5
56	MP2A	Z	0	2.5
57	MP2A	Mx	.005	2.5
58	MP2B	X	13.463	2.5
59	MP2B	Z	0	2.5
60	MP2B	Mx	-.003	2.5
61	MP2C	X	13.463	2.5
62	MP2C	Z	0	2.5
63	MP2C	Mx	-.003	2.5
64	MP3A	X	49.279	4
65	MP3A	Z	0	4
66	MP3A	Mx	.025	4
67	MP3B	X	67.611	4
68	MP3B	Z	0	4
69	MP3B	Mx	-.017	4
70	MP3C	X	67.611	4
71	MP3C	Z	0	4
72	MP3C	Mx	-.017	4
73	MP2A	X	39.916	4
74	MP2A	Z	0	4
75	MP2A	Mx	.02	4
76	MP2B	X	65.27	4
77	MP2B	Z	0	4
78	MP2B	Mx	-.016	4
79	MP2C	X	65.27	4
80	MP2C	Z	0	4
81	MP2C	Mx	-.016	4
82	MP1A	X	121.032	.67
83	MP1A	Z	0	.67
84	MP1A	Mx	-.091	.67
85	MP1A	X	121.032	5.67
86	MP1A	Z	0	5.67
87	MP1A	Mx	-.091	5.67
88	MP1B	X	166.712	.67
89	MP1B	Z	0	.67
90	MP1B	Mx	.063	.67
91	MP1B	X	166.712	5.67
92	MP1B	Z	0	5.67
93	MP1B	Mx	.063	5.67
94	MP1C	X	166.712	.67
95	MP1C	Z	0	.67
96	MP1C	Mx	.063	.67
97	MP1C	X	166.712	5.67
98	MP1C	Z	0	5.67
99	MP1C	Mx	.063	5.67
100	OVP	X	86.964	1
101	OVP	Z	0	1
102	OVP	Mx	0	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	115.484	1.25
2	MP2A	Z	66.674	1.25
3	MP2A	Mx	-.042	1.25
4	MP2A	X	115.484	5.25
5	MP2A	Z	66.674	5.25
6	MP2A	Mx	-.042	5.25
7	MP2B	X	155.515	1.25
8	MP2B	Z	89.786	1.25
9	MP2B	Mx	-.12	1.25
10	MP2B	X	155.515	5.25
11	MP2B	Z	89.786	5.25
12	MP2B	Mx	-.12	5.25
13	MP2C	X	115.484	1.25
14	MP2C	Z	66.674	1.25
15	MP2C	Mx	.131	1.25
16	MP2C	X	115.484	5.25
17	MP2C	Z	66.674	5.25
18	MP2C	Mx	.131	5.25
19	MP2A	X	115.484	1.25
20	MP2A	Z	66.674	1.25
21	MP2A	Mx	-.131	1.25
22	MP2A	X	115.484	5.25
23	MP2A	Z	66.674	5.25
24	MP2A	Mx	-.131	5.25
25	MP2B	X	155.515	1.25
26	MP2B	Z	89.786	1.25
27	MP2B	Mx	.12	1.25
28	MP2B	X	155.515	5.25
29	MP2B	Z	89.786	5.25
30	MP2B	Mx	.12	5.25
31	MP2C	X	115.484	1.25
32	MP2C	Z	66.674	1.25
33	MP2C	Mx	.042	1.25
34	MP2C	X	115.484	5.25
35	MP2C	Z	66.674	5.25
36	MP2C	Mx	.042	5.25
37	MP3A	X	43.616	2.41
38	MP3A	Z	25.182	2.41
39	MP3A	Mx	-.033	2.41
40	MP3A	X	43.616	3.41
41	MP3A	Z	25.182	3.41
42	MP3A	Mx	-.033	3.41
43	MP3B	X	80.233	2.41
44	MP3B	Z	46.322	2.41
45	MP3B	Mx	0	2.41
46	MP3B	X	80.233	3.41
47	MP3B	Z	46.322	3.41
48	MP3B	Mx	0	3.41
49	MP3C	X	43.616	2.41
50	MP3C	Z	25.182	2.41
51	MP3C	Mx	.033	2.41
52	MP3C	X	43.616	3.41
53	MP3C	Z	25.182	3.41
54	MP3C	Mx	.033	3.41
55	MP2A	X	9.713	2.5
56	MP2A	Z	5.608	2.5
57	MP2A	Mx	.005	2.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP2B	X	12.632	2.5
59	MP2B	Z	7.293	2.5
60	MP2B	Mx	0	2.5
61	MP2C	X	9.713	2.5
62	MP2C	Z	5.608	2.5
63	MP2C	Mx	-.005	2.5
64	MP3A	X	47.969	4
65	MP3A	Z	27.695	4
66	MP3A	Mx	.024	4
67	MP3B	X	63.845	4
68	MP3B	Z	36.861	4
69	MP3B	Mx	0	4
70	MP3C	X	47.969	4
71	MP3C	Z	27.695	4
72	MP3C	Mx	-.024	4
73	MP2A	X	41.887	4
74	MP2A	Z	24.184	4
75	MP2A	Mx	.021	4
76	MP2B	X	63.845	4
77	MP2B	Z	36.861	4
78	MP2B	Mx	0	4
79	MP2C	X	41.887	4
80	MP2C	Z	24.184	4
81	MP2C	Mx	-.021	4
82	MP1A	X	118.004	.67
83	MP1A	Z	68.129	.67
84	MP1A	Mx	-.089	.67
85	MP1A	X	118.004	5.67
86	MP1A	Z	68.129	5.67
87	MP1A	Mx	-.089	5.67
88	MP1B	X	157.563	.67
89	MP1B	Z	90.969	.67
90	MP1B	Mx	0	.67
91	MP1B	X	157.563	5.67
92	MP1B	Z	90.969	5.67
93	MP1B	Mx	0	5.67
94	MP1C	X	118.004	.67
95	MP1C	Z	68.129	.67
96	MP1C	Mx	.089	.67
97	MP1C	X	118.004	5.67
98	MP1C	Z	68.129	5.67
99	MP1C	Mx	.089	5.67
100	OVP	X	88.151	1
101	OVP	Z	50.894	1
102	OVP	Mx	.025	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	82.082	1.25
2	MP2A	Z	142.171	1.25
3	MP2A	Mx	.033	1.25
4	MP2A	X	82.082	5.25
5	MP2A	Z	142.171	5.25
6	MP2A	Mx	.033	5.25
7	MP2B	X	82.082	1.25
8	MP2B	Z	142.171	1.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
9	MP2B	Mx	-.156	1.25
10	MP2B	X	82.082	5.25
11	MP2B	Z	142.171	5.25
12	MP2B	Mx	-.156	5.25
13	MP2C	X	58.971	1.25
14	MP2C	Z	102.14	1.25
15	MP2C	Mx	.088	1.25
16	MP2C	X	58.971	5.25
17	MP2C	Z	102.14	5.25
18	MP2C	Mx	.088	5.25
19	MP2A	X	82.082	1.25
20	MP2A	Z	142.171	1.25
21	MP2A	Mx	-.156	1.25
22	MP2A	X	82.082	5.25
23	MP2A	Z	142.171	5.25
24	MP2A	Mx	-.156	5.25
25	MP2B	X	82.082	1.25
26	MP2B	Z	142.171	1.25
27	MP2B	Mx	.033	1.25
28	MP2B	X	82.082	5.25
29	MP2B	Z	142.171	5.25
30	MP2B	Mx	.033	5.25
31	MP2C	X	58.971	1.25
32	MP2C	Z	102.14	1.25
33	MP2C	Mx	.088	1.25
34	MP2C	X	58.971	5.25
35	MP2C	Z	102.14	5.25
36	MP2C	Mx	.088	5.25
37	MP3A	X	39.275	2.41
38	MP3A	Z	68.027	2.41
39	MP3A	Mx	-.029	2.41
40	MP3A	X	39.275	3.41
41	MP3A	Z	68.027	3.41
42	MP3A	Mx	-.029	3.41
43	MP3B	X	39.275	2.41
44	MP3B	Z	68.027	2.41
45	MP3B	Mx	-.029	2.41
46	MP3B	X	39.275	3.41
47	MP3B	Z	68.027	3.41
48	MP3B	Mx	-.029	3.41
49	MP3C	X	18.135	2.41
50	MP3C	Z	31.411	2.41
51	MP3C	Mx	.027	2.41
52	MP3C	X	18.135	3.41
53	MP3C	Z	31.411	3.41
54	MP3C	Mx	.027	3.41
55	MP2A	X	6.732	2.5
56	MP2A	Z	11.659	2.5
57	MP2A	Mx	.003	2.5
58	MP2B	X	6.732	2.5
59	MP2B	Z	11.659	2.5
60	MP2B	Mx	.003	2.5
61	MP2C	X	5.046	2.5
62	MP2C	Z	8.74	2.5
63	MP2C	Mx	-.005	2.5
64	MP3A	X	33.805	4
65	MP3A	Z	58.553	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
66	MP3A	Mx	.017	4
67	MP3B	X	33.805	4
68	MP3B	Z	58.553	4
69	MP3B	Mx	.017	4
70	MP3C	X	24.64	4
71	MP3C	Z	42.677	4
72	MP3C	Mx	-.025	4
73	MP2A	X	32.635	4
74	MP2A	Z	56.526	4
75	MP2A	Mx	.016	4
76	MP2B	X	32.635	4
77	MP2B	Z	56.526	4
78	MP2B	Mx	.016	4
79	MP2C	X	19.958	4
80	MP2C	Z	34.568	4
81	MP2C	Mx	-.02	4
82	MP1A	X	83.356	.67
83	MP1A	Z	144.377	.67
84	MP1A	Mx	-.063	.67
85	MP1A	X	83.356	5.67
86	MP1A	Z	144.377	5.67
87	MP1A	Mx	-.063	5.67
88	MP1B	X	83.356	.67
89	MP1B	Z	144.377	.67
90	MP1B	Mx	-.063	.67
91	MP1B	X	83.356	5.67
92	MP1B	Z	144.377	5.67
93	MP1B	Mx	-.063	5.67
94	MP1C	X	60.516	.67
95	MP1C	Z	104.817	.67
96	MP1C	Mx	.091	.67
97	MP1C	X	60.516	5.67
98	MP1C	Z	104.817	5.67
99	MP1C	Mx	.091	5.67
100	OVP	X	65.718	1
101	OVP	Z	113.827	1
102	OVP	Mx	.057	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	0	1.25
2	MP2A	Z	179.573	1.25
3	MP2A	Mx	.12	1.25
4	MP2A	X	0	5.25
5	MP2A	Z	179.573	5.25
6	MP2A	Mx	.12	5.25
7	MP2B	X	0	1.25
8	MP2B	Z	133.349	1.25
9	MP2B	Mx	-.131	1.25
10	MP2B	X	0	5.25
11	MP2B	Z	133.349	5.25
12	MP2B	Mx	-.131	5.25
13	MP2C	X	0	1.25
14	MP2C	Z	133.349	1.25
15	MP2C	Mx	.042	1.25
16	MP2C	X	0	5.25





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
17	MP2C	Z	133.349	5.25
18	MP2C	Mx	.042	5.25
19	MP2A	X	0	1.25
20	MP2A	Z	179.573	1.25
21	MP2A	Mx	-.12	1.25
22	MP2A	X	0	5.25
23	MP2A	Z	179.573	5.25
24	MP2A	Mx	-.12	5.25
25	MP2B	X	0	1.25
26	MP2B	Z	133.349	1.25
27	MP2B	Mx	-.042	1.25
28	MP2B	X	0	5.25
29	MP2B	Z	133.349	5.25
30	MP2B	Mx	-.042	5.25
31	MP2C	X	0	1.25
32	MP2C	Z	133.349	1.25
33	MP2C	Mx	.131	1.25
34	MP2C	X	0	5.25
35	MP2C	Z	133.349	5.25
36	MP2C	Mx	.131	5.25
37	MP3A	X	0	2.41
38	MP3A	Z	92.645	2.41
39	MP3A	Mx	0	2.41
40	MP3A	X	0	3.41
41	MP3A	Z	92.645	3.41
42	MP3A	Mx	0	3.41
43	MP3B	X	0	2.41
44	MP3B	Z	50.364	2.41
45	MP3B	Mx	-.033	2.41
46	MP3B	X	0	3.41
47	MP3B	Z	50.364	3.41
48	MP3B	Mx	-.033	3.41
49	MP3C	X	0	2.41
50	MP3C	Z	50.364	2.41
51	MP3C	Mx	.033	2.41
52	MP3C	X	0	3.41
53	MP3C	Z	50.364	3.41
54	MP3C	Mx	.033	3.41
55	MP2A	X	0	2.5
56	MP2A	Z	14.587	2.5
57	MP2A	Mx	0	2.5
58	MP2B	X	0	2.5
59	MP2B	Z	11.216	2.5
60	MP2B	Mx	.005	2.5
61	MP2C	X	0	2.5
62	MP2C	Z	11.216	2.5
63	MP2C	Mx	-.005	2.5
64	MP3A	X	0	4
65	MP3A	Z	73.721	4
66	MP3A	Mx	0	4
67	MP3B	X	0	4
68	MP3B	Z	55.39	4
69	MP3B	Mx	.024	4
70	MP3C	X	0	4
71	MP3C	Z	55.39	4
72	MP3C	Mx	-.024	4
73	MP2A	X	0	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
74	MP2A	Z	73.721	4
75	MP2A	Mx	0	4
76	MP2B	X	0	4
77	MP2B	Z	48.367	4
78	MP2B	Mx	.021	4
79	MP2C	X	0	4
80	MP2C	Z	48.367	4
81	MP2C	Mx	-.021	4
82	MP1A	X	0	.67
83	MP1A	Z	181.938	.67
84	MP1A	Mx	0	.67
85	MP1A	X	0	5.67
86	MP1A	Z	181.938	5.67
87	MP1A	Mx	0	5.67
88	MP1B	X	0	.67
89	MP1B	Z	136.259	.67
90	MP1B	Mx	-.089	.67
91	MP1B	X	0	5.67
92	MP1B	Z	136.259	5.67
93	MP1B	Mx	-.089	5.67
94	MP1C	X	0	.67
95	MP1C	Z	136.259	.67
96	MP1C	Mx	.089	.67
97	MP1C	X	0	5.67
98	MP1C	Z	136.259	5.67
99	MP1C	Mx	.089	5.67
100	OVP	X	0	1
101	OVP	Z	146.26	1
102	OVP	Mx	.073	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-82.082	1.25
2	MP2A	Z	142.171	1.25
3	MP2A	Mx	.156	1.25
4	MP2A	X	-82.082	5.25
5	MP2A	Z	142.171	5.25
6	MP2A	Mx	.156	5.25
7	MP2B	X	-58.971	1.25
8	MP2B	Z	102.14	1.25
9	MP2B	Mx	-.088	1.25
10	MP2B	X	-58.971	5.25
11	MP2B	Z	102.14	5.25
12	MP2B	Mx	-.088	5.25
13	MP2C	X	-82.082	1.25
14	MP2C	Z	142.171	1.25
15	MP2C	Mx	-.033	1.25
16	MP2C	X	-82.082	5.25
17	MP2C	Z	142.171	5.25
18	MP2C	Mx	-.033	5.25
19	MP2A	X	-82.082	1.25
20	MP2A	Z	142.171	1.25
21	MP2A	Mx	-.033	1.25
22	MP2A	X	-82.082	5.25
23	MP2A	Z	142.171	5.25
24	MP2A	Mx	-.033	5.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
25	MP2B	X	-58.971	1.25
26	MP2B	Z	102.14	1.25
27	MP2B	Mx	-.088	1.25
28	MP2B	X	-58.971	5.25
29	MP2B	Z	102.14	5.25
30	MP2B	Mx	-.088	5.25
31	MP2C	X	-82.082	1.25
32	MP2C	Z	142.171	1.25
33	MP2C	Mx	.156	1.25
34	MP2C	X	-82.082	5.25
35	MP2C	Z	142.171	5.25
36	MP2C	Mx	.156	5.25
37	MP3A	X	-39.275	2.41
38	MP3A	Z	68.027	2.41
39	MP3A	Mx	.029	2.41
40	MP3A	X	-39.275	3.41
41	MP3A	Z	68.027	3.41
42	MP3A	Mx	.029	3.41
43	MP3B	X	-18.135	2.41
44	MP3B	Z	31.411	2.41
45	MP3B	Mx	-.027	2.41
46	MP3B	X	-18.135	3.41
47	MP3B	Z	31.411	3.41
48	MP3B	Mx	-.027	3.41
49	MP3C	X	-39.275	2.41
50	MP3C	Z	68.027	2.41
51	MP3C	Mx	.029	2.41
52	MP3C	X	-39.275	3.41
53	MP3C	Z	68.027	3.41
54	MP3C	Mx	.029	3.41
55	MP2A	X	-6.732	2.5
56	MP2A	Z	11.659	2.5
57	MP2A	Mx	-.003	2.5
58	MP2B	X	-5.046	2.5
59	MP2B	Z	8.74	2.5
60	MP2B	Mx	.005	2.5
61	MP2C	X	-6.732	2.5
62	MP2C	Z	11.659	2.5
63	MP2C	Mx	-.003	2.5
64	MP3A	X	-33.805	4
65	MP3A	Z	58.553	4
66	MP3A	Mx	-.017	4
67	MP3B	X	-24.64	4
68	MP3B	Z	42.677	4
69	MP3B	Mx	.025	4
70	MP3C	X	-33.805	4
71	MP3C	Z	58.553	4
72	MP3C	Mx	-.017	4
73	MP2A	X	-32.635	4
74	MP2A	Z	56.526	4
75	MP2A	Mx	-.016	4
76	MP2B	X	-19.958	4
77	MP2B	Z	34.568	4
78	MP2B	Mx	.02	4
79	MP2C	X	-32.635	4
80	MP2C	Z	56.526	4
81	MP2C	Mx	-.016	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
82	MP1A	X	-83.356	.67
83	MP1A	Z	144.377	.67
84	MP1A	Mx	.063	.67
85	MP1A	X	-83.356	5.67
86	MP1A	Z	144.377	5.67
87	MP1A	Mx	.063	5.67
88	MP1B	X	-60.516	.67
89	MP1B	Z	104.817	.67
90	MP1B	Mx	-.091	.67
91	MP1B	X	-60.516	5.67
92	MP1B	Z	104.817	5.67
93	MP1B	Mx	-.091	5.67
94	MP1C	X	-83.356	.67
95	MP1C	Z	144.377	.67
96	MP1C	Mx	.063	.67
97	MP1C	X	-83.356	5.67
98	MP1C	Z	144.377	5.67
99	MP1C	Mx	.063	5.67
100	OVP	X	-65.718	1
101	OVP	Z	113.827	1
102	OVP	Mx	.057	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-115.484	1.25
2	MP2A	Z	66.674	1.25
3	MP2A	Mx	.131	1.25
4	MP2A	X	-115.484	5.25
5	MP2A	Z	66.674	5.25
6	MP2A	Mx	.131	5.25
7	MP2B	X	-115.484	1.25
8	MP2B	Z	66.674	1.25
9	MP2B	Mx	-.042	1.25
10	MP2B	X	-115.484	5.25
11	MP2B	Z	66.674	5.25
12	MP2B	Mx	-.042	5.25
13	MP2C	X	-155.515	1.25
14	MP2C	Z	89.786	1.25
15	MP2C	Mx	-.12	1.25
16	MP2C	X	-155.515	5.25
17	MP2C	Z	89.786	5.25
18	MP2C	Mx	-.12	5.25
19	MP2A	X	-115.484	1.25
20	MP2A	Z	66.674	1.25
21	MP2A	Mx	.042	1.25
22	MP2A	X	-115.484	5.25
23	MP2A	Z	66.674	5.25
24	MP2A	Mx	.042	5.25
25	MP2B	X	-115.484	1.25
26	MP2B	Z	66.674	1.25
27	MP2B	Mx	-.131	1.25
28	MP2B	X	-115.484	5.25
29	MP2B	Z	66.674	5.25
30	MP2B	Mx	-.131	5.25
31	MP2C	X	-155.515	1.25
32	MP2C	Z	89.786	1.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
33	MP2C	Mx	.12	1.25
34	MP2C	X	-155.515	5.25
35	MP2C	Z	89.786	5.25
36	MP2C	Mx	.12	5.25
37	MP3A	X	-43.616	2.41
38	MP3A	Z	25.182	2.41
39	MP3A	Mx	.033	2.41
40	MP3A	X	-43.616	3.41
41	MP3A	Z	25.182	3.41
42	MP3A	Mx	.033	3.41
43	MP3B	X	-43.616	2.41
44	MP3B	Z	25.182	2.41
45	MP3B	Mx	-.033	2.41
46	MP3B	X	-43.616	3.41
47	MP3B	Z	25.182	3.41
48	MP3B	Mx	-.033	3.41
49	MP3C	X	-80.233	2.41
50	MP3C	Z	46.322	2.41
51	MP3C	Mx	0	2.41
52	MP3C	X	-80.233	3.41
53	MP3C	Z	46.322	3.41
54	MP3C	Mx	0	3.41
55	MP2A	X	-9.713	2.5
56	MP2A	Z	5.608	2.5
57	MP2A	Mx	-.005	2.5
58	MP2B	X	-9.713	2.5
59	MP2B	Z	5.608	2.5
60	MP2B	Mx	.005	2.5
61	MP2C	X	-12.632	2.5
62	MP2C	Z	7.293	2.5
63	MP2C	Mx	0	2.5
64	MP3A	X	-47.969	4
65	MP3A	Z	27.695	4
66	MP3A	Mx	-.024	4
67	MP3B	X	-47.969	4
68	MP3B	Z	27.695	4
69	MP3B	Mx	.024	4
70	MP3C	X	-63.845	4
71	MP3C	Z	36.861	4
72	MP3C	Mx	0	4
73	MP2A	X	-41.887	4
74	MP2A	Z	24.184	4
75	MP2A	Mx	-.021	4
76	MP2B	X	-41.887	4
77	MP2B	Z	24.184	4
78	MP2B	Mx	.021	4
79	MP2C	X	-63.845	4
80	MP2C	Z	36.861	4
81	MP2C	Mx	0	4
82	MP1A	X	-118.004	.67
83	MP1A	Z	68.129	.67
84	MP1A	Mx	.089	.67
85	MP1A	X	-118.004	5.67
86	MP1A	Z	68.129	5.67
87	MP1A	Mx	.089	5.67
88	MP1B	X	-118.004	.67
89	MP1B	Z	68.129	.67



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
90	MP1B	Mx	-.089	.67
91	MP1B	X	-118.004	5.67
92	MP1B	Z	68.129	5.67
93	MP1B	Mx	-.089	5.67
94	MP1C	X	-157.563	.67
95	MP1C	Z	90.969	.67
96	MP1C	Mx	0	.67
97	MP1C	X	-157.563	5.67
98	MP1C	Z	90.969	5.67
99	MP1C	Mx	0	5.67
100	OVP	X	-88.151	1
101	OVP	Z	50.894	1
102	OVP	Mx	.025	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-117.941	1.25
2	MP2A	Z	0	1.25
3	MP2A	Mx	.088	1.25
4	MP2A	X	-117.941	5.25
5	MP2A	Z	0	5.25
6	MP2A	Mx	.088	5.25
7	MP2B	X	-164.165	1.25
8	MP2B	Z	0	1.25
9	MP2B	Mx	.033	1.25
10	MP2B	X	-164.165	5.25
11	MP2B	Z	0	5.25
12	MP2B	Mx	.033	5.25
13	MP2C	X	-164.165	1.25
14	MP2C	Z	0	1.25
15	MP2C	Mx	-.156	1.25
16	MP2C	X	-164.165	5.25
17	MP2C	Z	0	5.25
18	MP2C	Mx	-.156	5.25
19	MP2A	X	-117.941	1.25
20	MP2A	Z	0	1.25
21	MP2A	Mx	.088	1.25
22	MP2A	X	-117.941	5.25
23	MP2A	Z	0	5.25
24	MP2A	Mx	.088	5.25
25	MP2B	X	-164.165	1.25
26	MP2B	Z	0	1.25
27	MP2B	Mx	-.156	1.25
28	MP2B	X	-164.165	5.25
29	MP2B	Z	0	5.25
30	MP2B	Mx	-.156	5.25
31	MP2C	X	-164.165	1.25
32	MP2C	Z	0	1.25
33	MP2C	Mx	.033	1.25
34	MP2C	X	-164.165	5.25
35	MP2C	Z	0	5.25
36	MP2C	Mx	.033	5.25
37	MP3A	X	-36.27	2.41
38	MP3A	Z	0	2.41
39	MP3A	Mx	.027	2.41
40	MP3A	X	-36.27	3.41



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
41	MP3A	Z	0	3.41
42	MP3A	Mx	.027	3.41
43	MP3B	X	-78.551	2.41
44	MP3B	Z	0	2.41
45	MP3B	Mx	-.029	2.41
46	MP3B	X	-78.551	3.41
47	MP3B	Z	0	3.41
48	MP3B	Mx	-.029	3.41
49	MP3C	X	-78.551	2.41
50	MP3C	Z	0	2.41
51	MP3C	Mx	-.029	2.41
52	MP3C	X	-78.551	3.41
53	MP3C	Z	0	3.41
54	MP3C	Mx	-.029	3.41
55	MP2A	X	-10.092	2.5
56	MP2A	Z	0	2.5
57	MP2A	Mx	-.005	2.5
58	MP2B	X	-13.463	2.5
59	MP2B	Z	0	2.5
60	MP2B	Mx	.003	2.5
61	MP2C	X	-13.463	2.5
62	MP2C	Z	0	2.5
63	MP2C	Mx	.003	2.5
64	MP3A	X	-49.279	4
65	MP3A	Z	0	4
66	MP3A	Mx	-.025	4
67	MP3B	X	-67.611	4
68	MP3B	Z	0	4
69	MP3B	Mx	.017	4
70	MP3C	X	-67.611	4
71	MP3C	Z	0	4
72	MP3C	Mx	.017	4
73	MP2A	X	-39.916	4
74	MP2A	Z	0	4
75	MP2A	Mx	-.02	4
76	MP2B	X	-65.27	4
77	MP2B	Z	0	4
78	MP2B	Mx	.016	4
79	MP2C	X	-65.27	4
80	MP2C	Z	0	4
81	MP2C	Mx	.016	4
82	MP1A	X	-121.032	.67
83	MP1A	Z	0	.67
84	MP1A	Mx	.091	.67
85	MP1A	X	-121.032	5.67
86	MP1A	Z	0	5.67
87	MP1A	Mx	.091	5.67
88	MP1B	X	-166.712	.67
89	MP1B	Z	0	.67
90	MP1B	Mx	-.063	.67
91	MP1B	X	-166.712	5.67
92	MP1B	Z	0	5.67
93	MP1B	Mx	-.063	5.67
94	MP1C	X	-166.712	.67
95	MP1C	Z	0	.67
96	MP1C	Mx	-.063	.67
97	MP1C	X	-166.712	5.67



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
98	MP1C	Z	0	5.67
99	MP1C	Mx	-.063	5.67
100	OVP	X	-86.964	1
101	OVP	Z	0	1
102	OVP	Mx	0	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-115.484	1.25
2	MP2A	Z	-66.674	1.25
3	MP2A	Mx	.042	1.25
4	MP2A	X	-115.484	5.25
5	MP2A	Z	-66.674	5.25
6	MP2A	Mx	.042	5.25
7	MP2B	X	-155.515	1.25
8	MP2B	Z	-89.786	1.25
9	MP2B	Mx	.12	1.25
10	MP2B	X	-155.515	5.25
11	MP2B	Z	-89.786	5.25
12	MP2B	Mx	.12	5.25
13	MP2C	X	-115.484	1.25
14	MP2C	Z	-66.674	1.25
15	MP2C	Mx	-.131	1.25
16	MP2C	X	-115.484	5.25
17	MP2C	Z	-66.674	5.25
18	MP2C	Mx	-.131	5.25
19	MP2A	X	-115.484	1.25
20	MP2A	Z	-66.674	1.25
21	MP2A	Mx	.131	1.25
22	MP2A	X	-115.484	5.25
23	MP2A	Z	-66.674	5.25
24	MP2A	Mx	.131	5.25
25	MP2B	X	-155.515	1.25
26	MP2B	Z	-89.786	1.25
27	MP2B	Mx	-.12	1.25
28	MP2B	X	-155.515	5.25
29	MP2B	Z	-89.786	5.25
30	MP2B	Mx	-.12	5.25
31	MP2C	X	-115.484	1.25
32	MP2C	Z	-66.674	1.25
33	MP2C	Mx	-.042	1.25
34	MP2C	X	-115.484	5.25
35	MP2C	Z	-66.674	5.25
36	MP2C	Mx	-.042	5.25
37	MP3A	X	-43.616	2.41
38	MP3A	Z	-25.182	2.41
39	MP3A	Mx	.033	2.41
40	MP3A	X	-43.616	3.41
41	MP3A	Z	-25.182	3.41
42	MP3A	Mx	.033	3.41
43	MP3B	X	-80.233	2.41
44	MP3B	Z	-46.322	2.41
45	MP3B	Mx	0	2.41
46	MP3B	X	-80.233	3.41
47	MP3B	Z	-46.322	3.41
48	MP3B	Mx	0	3.41





Company : Maser Consulting  
 Designer : Mo  
 Job Number : Project No. 10046639  
 Model Name : 469377-VZW\_MT\_LO\_H

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
49	MP3C	X	-43.616	2.41
50	MP3C	Z	-25.182	2.41
51	MP3C	Mx	-.033	2.41
52	MP3C	X	-43.616	3.41
53	MP3C	Z	-25.182	3.41
54	MP3C	Mx	-.033	3.41
55	MP2A	X	-9.713	2.5
56	MP2A	Z	-5.608	2.5
57	MP2A	Mx	-.005	2.5
58	MP2B	X	-12.632	2.5
59	MP2B	Z	-7.293	2.5
60	MP2B	Mx	0	2.5
61	MP2C	X	-9.713	2.5
62	MP2C	Z	-5.608	2.5
63	MP2C	Mx	.005	2.5
64	MP3A	X	-47.969	4
65	MP3A	Z	-27.695	4
66	MP3A	Mx	-.024	4
67	MP3B	X	-63.845	4
68	MP3B	Z	-36.861	4
69	MP3B	Mx	0	4
70	MP3C	X	-47.969	4
71	MP3C	Z	-27.695	4
72	MP3C	Mx	.024	4
73	MP2A	X	-41.887	4
74	MP2A	Z	-24.184	4
75	MP2A	Mx	-.021	4
76	MP2B	X	-63.845	4
77	MP2B	Z	-36.861	4
78	MP2B	Mx	0	4
79	MP2C	X	-41.887	4
80	MP2C	Z	-24.184	4
81	MP2C	Mx	.021	4
82	MP1A	X	-118.004	.67
83	MP1A	Z	-68.129	.67
84	MP1A	Mx	.089	.67
85	MP1A	X	-118.004	5.67
86	MP1A	Z	-68.129	5.67
87	MP1A	Mx	.089	5.67
88	MP1B	X	-157.563	.67
89	MP1B	Z	-90.969	.67
90	MP1B	Mx	0	.67
91	MP1B	X	-157.563	5.67
92	MP1B	Z	-90.969	5.67
93	MP1B	Mx	0	5.67
94	MP1C	X	-118.004	.67
95	MP1C	Z	-68.129	.67
96	MP1C	Mx	-.089	.67
97	MP1C	X	-118.004	5.67
98	MP1C	Z	-68.129	5.67
99	MP1C	Mx	-.089	5.67
100	OVP	X	-88.151	1
101	OVP	Z	-50.894	1
102	OVP	Mx	-.025	1

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



Company : Maser Consulting  
 Designer : Mo  
 Job Number : Project No. 10046639  
 Model Name : 469377-VZW\_MT\_LO\_H

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-82.082	1.25
2	MP2A	Z	-142.171	1.25
3	MP2A	Mx	-.033	1.25
4	MP2A	X	-82.082	5.25
5	MP2A	Z	-142.171	5.25
6	MP2A	Mx	-.033	5.25
7	MP2B	X	-82.082	1.25
8	MP2B	Z	-142.171	1.25
9	MP2B	Mx	.156	1.25
10	MP2B	X	-82.082	5.25
11	MP2B	Z	-142.171	5.25
12	MP2B	Mx	.156	5.25
13	MP2C	X	-58.971	1.25
14	MP2C	Z	-102.14	1.25
15	MP2C	Mx	-.088	1.25
16	MP2C	X	-58.971	5.25
17	MP2C	Z	-102.14	5.25
18	MP2C	Mx	-.088	5.25
19	MP2A	X	-82.082	1.25
20	MP2A	Z	-142.171	1.25
21	MP2A	Mx	.156	1.25
22	MP2A	X	-82.082	5.25
23	MP2A	Z	-142.171	5.25
24	MP2A	Mx	.156	5.25
25	MP2B	X	-82.082	1.25
26	MP2B	Z	-142.171	1.25
27	MP2B	Mx	-.033	1.25
28	MP2B	X	-82.082	5.25
29	MP2B	Z	-142.171	5.25
30	MP2B	Mx	-.033	5.25
31	MP2C	X	-58.971	1.25
32	MP2C	Z	-102.14	1.25
33	MP2C	Mx	-.088	1.25
34	MP2C	X	-58.971	5.25
35	MP2C	Z	-102.14	5.25
36	MP2C	Mx	-.088	5.25
37	MP3A	X	-39.275	2.41
38	MP3A	Z	-68.027	2.41
39	MP3A	Mx	.029	2.41
40	MP3A	X	-39.275	3.41
41	MP3A	Z	-68.027	3.41
42	MP3A	Mx	.029	3.41
43	MP3B	X	-39.275	2.41
44	MP3B	Z	-68.027	2.41
45	MP3B	Mx	.029	2.41
46	MP3B	X	-39.275	3.41
47	MP3B	Z	-68.027	3.41
48	MP3B	Mx	.029	3.41
49	MP3C	X	-18.135	2.41
50	MP3C	Z	-31.411	2.41
51	MP3C	Mx	-.027	2.41
52	MP3C	X	-18.135	3.41
53	MP3C	Z	-31.411	3.41
54	MP3C	Mx	-.027	3.41
55	MP2A	X	-6.732	2.5
56	MP2A	Z	-11.659	2.5
57	MP2A	Mx	-.003	2.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP2B	X	-6.732	2.5
59	MP2B	Z	-11.659	2.5
60	MP2B	Mx	-.003	2.5
61	MP2C	X	-5.046	2.5
62	MP2C	Z	-8.74	2.5
63	MP2C	Mx	.005	2.5
64	MP3A	X	-33.805	4
65	MP3A	Z	-58.553	4
66	MP3A	Mx	-.017	4
67	MP3B	X	-33.805	4
68	MP3B	Z	-58.553	4
69	MP3B	Mx	-.017	4
70	MP3C	X	-24.64	4
71	MP3C	Z	-42.677	4
72	MP3C	Mx	.025	4
73	MP2A	X	-32.635	4
74	MP2A	Z	-56.526	4
75	MP2A	Mx	-.016	4
76	MP2B	X	-32.635	4
77	MP2B	Z	-56.526	4
78	MP2B	Mx	-.016	4
79	MP2C	X	-19.958	4
80	MP2C	Z	-34.568	4
81	MP2C	Mx	.02	4
82	MP1A	X	-83.356	.67
83	MP1A	Z	-144.377	.67
84	MP1A	Mx	.063	.67
85	MP1A	X	-83.356	5.67
86	MP1A	Z	-144.377	5.67
87	MP1A	Mx	.063	5.67
88	MP1B	X	-83.356	.67
89	MP1B	Z	-144.377	.67
90	MP1B	Mx	.063	.67
91	MP1B	X	-83.356	5.67
92	MP1B	Z	-144.377	5.67
93	MP1B	Mx	.063	5.67
94	MP1C	X	-60.516	.67
95	MP1C	Z	-104.817	.67
96	MP1C	Mx	-.091	.67
97	MP1C	X	-60.516	5.67
98	MP1C	Z	-104.817	5.67
99	MP1C	Mx	-.091	5.67
100	OVP	X	-65.718	1
101	OVP	Z	-113.827	1
102	OVP	Mx	-.057	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	0	1.25
2	MP2A	Z	-34.082	1.25
3	MP2A	Mx	-.023	1.25
4	MP2A	X	0	5.25
5	MP2A	Z	-34.082	5.25
6	MP2A	Mx	-.023	5.25
7	MP2B	X	0	1.25
8	MP2B	Z	-25.94	1.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
9	MP2B	Mx	.025	1.25
10	MP2B	X	0	5.25
11	MP2B	Z	-25.94	5.25
12	MP2B	Mx	.025	5.25
13	MP2C	X	0	1.25
14	MP2C	Z	-25.94	1.25
15	MP2C	Mx	-.008	1.25
16	MP2C	X	0	5.25
17	MP2C	Z	-25.94	5.25
18	MP2C	Mx	-.008	5.25
19	MP2A	X	0	1.25
20	MP2A	Z	-34.082	1.25
21	MP2A	Mx	.023	1.25
22	MP2A	X	0	5.25
23	MP2A	Z	-34.082	5.25
24	MP2A	Mx	.023	5.25
25	MP2B	X	0	1.25
26	MP2B	Z	-25.94	1.25
27	MP2B	Mx	.008	1.25
28	MP2B	X	0	5.25
29	MP2B	Z	-25.94	5.25
30	MP2B	Mx	.008	5.25
31	MP2C	X	0	1.25
32	MP2C	Z	-25.94	1.25
33	MP2C	Mx	-.025	1.25
34	MP2C	X	0	5.25
35	MP2C	Z	-25.94	5.25
36	MP2C	Mx	-.025	5.25
37	MP3A	X	0	2.41
38	MP3A	Z	-18.114	2.41
39	MP3A	Mx	0	2.41
40	MP3A	X	0	3.41
41	MP3A	Z	-18.114	3.41
42	MP3A	Mx	0	3.41
43	MP3B	X	0	2.41
44	MP3B	Z	-10.302	2.41
45	MP3B	Mx	.007	2.41
46	MP3B	X	0	3.41
47	MP3B	Z	-10.302	3.41
48	MP3B	Mx	.007	3.41
49	MP3C	X	0	2.41
50	MP3C	Z	-10.302	2.41
51	MP3C	Mx	-.007	2.41
52	MP3C	X	0	3.41
53	MP3C	Z	-10.302	3.41
54	MP3C	Mx	-.007	3.41
55	MP2A	X	0	2.5
56	MP2A	Z	-3.681	2.5
57	MP2A	Mx	0	2.5
58	MP2B	X	0	2.5
59	MP2B	Z	-2.989	2.5
60	MP2B	Mx	-.001	2.5
61	MP2C	X	0	2.5
62	MP2C	Z	-2.989	2.5
63	MP2C	Mx	.001	2.5
64	MP3A	X	0	4
65	MP3A	Z	-15.244	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
66	MP3A	Mx	0	4
67	MP3B	X	0	4
68	MP3B	Z	-11.756	4
69	MP3B	Mx	-.005	4
70	MP3C	X	0	4
71	MP3C	Z	-11.756	4
72	MP3C	Mx	.005	4
73	MP2A	X	0	4
74	MP2A	Z	-15.244	4
75	MP2A	Mx	0	4
76	MP2B	X	0	4
77	MP2B	Z	-10.43	4
78	MP2B	Mx	-.005	4
79	MP2C	X	0	4
80	MP2C	Z	-10.43	4
81	MP2C	Mx	.005	4
82	MP1A	X	0	.67
83	MP1A	Z	-34.672	.67
84	MP1A	Mx	0	.67
85	MP1A	X	0	5.67
86	MP1A	Z	-34.672	5.67
87	MP1A	Mx	0	5.67
88	MP1B	X	0	.67
89	MP1B	Z	-26.613	.67
90	MP1B	Mx	.017	.67
91	MP1B	X	0	5.67
92	MP1B	Z	-26.613	5.67
93	MP1B	Mx	.017	5.67
94	MP1C	X	0	.67
95	MP1C	Z	-26.613	.67
96	MP1C	Mx	-.017	.67
97	MP1C	X	0	5.67
98	MP1C	Z	-26.613	5.67
99	MP1C	Mx	-.017	5.67
100	OVP	X	0	1
101	OVP	Z	-28.742	1
102	OVP	Mx	-.014	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	15.684	1.25
2	MP2A	Z	-27.165	1.25
3	MP2A	Mx	-.03	1.25
4	MP2A	X	15.684	5.25
5	MP2A	Z	-27.165	5.25
6	MP2A	Mx	-.03	5.25
7	MP2B	X	11.613	1.25
8	MP2B	Z	-20.115	1.25
9	MP2B	Mx	.017	1.25
10	MP2B	X	11.613	5.25
11	MP2B	Z	-20.115	5.25
12	MP2B	Mx	.017	5.25
13	MP2C	X	15.684	1.25
14	MP2C	Z	-27.165	1.25
15	MP2C	Mx	.006	1.25
16	MP2C	X	15.684	5.25



Company : Maser Consulting  
 Designer : Mo  
 Job Number : Project No. 10046639  
 Model Name : 469377-VZW\_MT\_LO\_H

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
17	MP2C	Z	-27.165	5.25
18	MP2C	Mx	.006	5.25
19	MP2A	X	15.684	1.25
20	MP2A	Z	-27.165	1.25
21	MP2A	Mx	.006	1.25
22	MP2A	X	15.684	5.25
23	MP2A	Z	-27.165	5.25
24	MP2A	Mx	.006	5.25
25	MP2B	X	11.613	1.25
26	MP2B	Z	-20.115	1.25
27	MP2B	Mx	.017	1.25
28	MP2B	X	11.613	5.25
29	MP2B	Z	-20.115	5.25
30	MP2B	Mx	.017	5.25
31	MP2C	X	15.684	1.25
32	MP2C	Z	-27.165	1.25
33	MP2C	Mx	-.03	1.25
34	MP2C	X	15.684	5.25
35	MP2C	Z	-27.165	5.25
36	MP2C	Mx	-.03	5.25
37	MP3A	X	7.755	2.41
38	MP3A	Z	-13.432	2.41
39	MP3A	Mx	-.006	2.41
40	MP3A	X	7.755	3.41
41	MP3A	Z	-13.432	3.41
42	MP3A	Mx	-.006	3.41
43	MP3B	X	3.849	2.41
44	MP3B	Z	-6.667	2.41
45	MP3B	Mx	.006	2.41
46	MP3B	X	3.849	3.41
47	MP3B	Z	-6.667	3.41
48	MP3B	Mx	.006	3.41
49	MP3C	X	7.755	2.41
50	MP3C	Z	-13.432	2.41
51	MP3C	Mx	-.006	2.41
52	MP3C	X	7.755	3.41
53	MP3C	Z	-13.432	3.41
54	MP3C	Mx	-.006	3.41
55	MP2A	X	1.725	2.5
56	MP2A	Z	-2.988	2.5
57	MP2A	Mx	.000863	2.5
58	MP2B	X	1.379	2.5
59	MP2B	Z	-2.388	2.5
60	MP2B	Mx	-.001	2.5
61	MP2C	X	1.725	2.5
62	MP2C	Z	-2.988	2.5
63	MP2C	Mx	.000863	2.5
64	MP3A	X	7.041	4
65	MP3A	Z	-12.195	4
66	MP3A	Mx	.004	4
67	MP3B	X	5.296	4
68	MP3B	Z	-9.174	4
69	MP3B	Mx	-.005	4
70	MP3C	X	7.041	4
71	MP3C	Z	-12.195	4
72	MP3C	Mx	.004	4
73	MP2A	X	6.82	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
74	MP2A	Z	-11.812	4
75	MP2A	Mx	.003	4
76	MP2B	X	4.413	4
77	MP2B	Z	-7.643	4
78	MP2B	Mx	-.004	4
79	MP2C	X	6.82	4
80	MP2C	Z	-11.812	4
81	MP2C	Mx	.003	4
82	MP1A	X	15.993	.67
83	MP1A	Z	-27.701	.67
84	MP1A	Mx	-.012	.67
85	MP1A	X	15.993	5.67
86	MP1A	Z	-27.701	5.67
87	MP1A	Mx	-.012	5.67
88	MP1B	X	11.963	.67
89	MP1B	Z	-20.721	.67
90	MP1B	Mx	.018	.67
91	MP1B	X	11.963	5.67
92	MP1B	Z	-20.721	5.67
93	MP1B	Mx	.018	5.67
94	MP1C	X	15.993	.67
95	MP1C	Z	-27.701	.67
96	MP1C	Mx	-.012	.67
97	MP1C	X	15.993	5.67
98	MP1C	Z	-27.701	5.67
99	MP1C	Mx	-.012	5.67
100	OVP	X	13.023	1
101	OVP	Z	-22.557	1
102	OVP	Mx	-.011	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	22.465	1.25
2	MP2A	Z	-12.97	1.25
3	MP2A	Mx	-.025	1.25
4	MP2A	X	22.465	5.25
5	MP2A	Z	-12.97	5.25
6	MP2A	Mx	-.025	5.25
7	MP2B	X	22.465	1.25
8	MP2B	Z	-12.97	1.25
9	MP2B	Mx	.008	1.25
10	MP2B	X	22.465	5.25
11	MP2B	Z	-12.97	5.25
12	MP2B	Mx	.008	5.25
13	MP2C	X	29.516	1.25
14	MP2C	Z	-17.041	1.25
15	MP2C	Mx	.023	1.25
16	MP2C	X	29.516	5.25
17	MP2C	Z	-17.041	5.25
18	MP2C	Mx	.023	5.25
19	MP2A	X	22.465	1.25
20	MP2A	Z	-12.97	1.25
21	MP2A	Mx	-.008	1.25
22	MP2A	X	22.465	5.25
23	MP2A	Z	-12.97	5.25
24	MP2A	Mx	-.008	5.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
25	MP2B	X	22.465	1.25
26	MP2B	Z	-12.97	1.25
27	MP2B	Mx	.025	1.25
28	MP2B	X	22.465	5.25
29	MP2B	Z	-12.97	5.25
30	MP2B	Mx	.025	5.25
31	MP2C	X	29.516	1.25
32	MP2C	Z	-17.041	1.25
33	MP2C	Mx	-.023	1.25
34	MP2C	X	29.516	5.25
35	MP2C	Z	-17.041	5.25
36	MP2C	Mx	-.023	5.25
37	MP3A	X	8.922	2.41
38	MP3A	Z	-5.151	2.41
39	MP3A	Mx	-.007	2.41
40	MP3A	X	8.922	3.41
41	MP3A	Z	-5.151	3.41
42	MP3A	Mx	-.007	3.41
43	MP3B	X	8.922	2.41
44	MP3B	Z	-5.151	2.41
45	MP3B	Mx	.007	2.41
46	MP3B	X	8.922	3.41
47	MP3B	Z	-5.151	3.41
48	MP3B	Mx	.007	3.41
49	MP3C	X	15.687	2.41
50	MP3C	Z	-9.057	2.41
51	MP3C	Mx	0	2.41
52	MP3C	X	15.687	3.41
53	MP3C	Z	-9.057	3.41
54	MP3C	Mx	0	3.41
55	MP2A	X	2.588	2.5
56	MP2A	Z	-1.494	2.5
57	MP2A	Mx	.001	2.5
58	MP2B	X	2.588	2.5
59	MP2B	Z	-1.494	2.5
60	MP2B	Mx	-.001	2.5
61	MP2C	X	3.188	2.5
62	MP2C	Z	-1.841	2.5
63	MP2C	Mx	0	2.5
64	MP3A	X	10.181	4
65	MP3A	Z	-5.878	4
66	MP3A	Mx	.005	4
67	MP3B	X	10.181	4
68	MP3B	Z	-5.878	4
69	MP3B	Mx	-.005	4
70	MP3C	X	13.202	4
71	MP3C	Z	-7.622	4
72	MP3C	Mx	0	4
73	MP2A	X	9.033	4
74	MP2A	Z	-5.215	4
75	MP2A	Mx	.005	4
76	MP2B	X	9.033	4
77	MP2B	Z	-5.215	4
78	MP2B	Mx	-.005	4
79	MP2C	X	13.202	4
80	MP2C	Z	-7.622	4
81	MP2C	Mx	0	4





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
82	MP1A	X	23.048	.67
83	MP1A	Z	-13.307	.67
84	MP1A	Mx	-.017	.67
85	MP1A	X	23.048	5.67
86	MP1A	Z	-13.307	5.67
87	MP1A	Mx	-.017	5.67
88	MP1B	X	23.048	.67
89	MP1B	Z	-13.307	.67
90	MP1B	Mx	.017	.67
91	MP1B	X	23.048	5.67
92	MP1B	Z	-13.307	5.67
93	MP1B	Mx	.017	5.67
94	MP1C	X	30.027	.67
95	MP1C	Z	-17.336	.67
96	MP1C	Mx	0	.67
97	MP1C	X	30.027	5.67
98	MP1C	Z	-17.336	5.67
99	MP1C	Mx	0	5.67
100	OVP	X	17.887	1
101	OVP	Z	-10.327	1
102	OVP	Mx	-.005	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	23.227	1.25
2	MP2A	Z	0	1.25
3	MP2A	Mx	-.017	1.25
4	MP2A	X	23.227	5.25
5	MP2A	Z	0	5.25
6	MP2A	Mx	-.017	5.25
7	MP2B	X	31.368	1.25
8	MP2B	Z	0	1.25
9	MP2B	Mx	-.006	1.25
10	MP2B	X	31.368	5.25
11	MP2B	Z	0	5.25
12	MP2B	Mx	-.006	5.25
13	MP2C	X	31.368	1.25
14	MP2C	Z	0	1.25
15	MP2C	Mx	.03	1.25
16	MP2C	X	31.368	5.25
17	MP2C	Z	0	5.25
18	MP2C	Mx	.03	5.25
19	MP2A	X	23.227	1.25
20	MP2A	Z	0	1.25
21	MP2A	Mx	-.017	1.25
22	MP2A	X	23.227	5.25
23	MP2A	Z	0	5.25
24	MP2A	Mx	-.017	5.25
25	MP2B	X	31.368	1.25
26	MP2B	Z	0	1.25
27	MP2B	Mx	.03	1.25
28	MP2B	X	31.368	5.25
29	MP2B	Z	0	5.25
30	MP2B	Mx	.03	5.25
31	MP2C	X	31.368	1.25
32	MP2C	Z	0	1.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
33	MP2C	Mx	-.006	1.25
34	MP2C	X	31.368	5.25
35	MP2C	Z	0	5.25
36	MP2C	Mx	-.006	5.25
37	MP3A	X	7.699	2.41
38	MP3A	Z	0	2.41
39	MP3A	Mx	-.006	2.41
40	MP3A	X	7.699	3.41
41	MP3A	Z	0	3.41
42	MP3A	Mx	-.006	3.41
43	MP3B	X	15.51	2.41
44	MP3B	Z	0	2.41
45	MP3B	Mx	.006	2.41
46	MP3B	X	15.51	3.41
47	MP3B	Z	0	3.41
48	MP3B	Mx	.006	3.41
49	MP3C	X	15.51	2.41
50	MP3C	Z	0	2.41
51	MP3C	Mx	.006	2.41
52	MP3C	X	15.51	3.41
53	MP3C	Z	0	3.41
54	MP3C	Mx	.006	3.41
55	MP2A	X	2.758	2.5
56	MP2A	Z	0	2.5
57	MP2A	Mx	.001	2.5
58	MP2B	X	3.45	2.5
59	MP2B	Z	0	2.5
60	MP2B	Mx	-.000863	2.5
61	MP2C	X	3.45	2.5
62	MP2C	Z	0	2.5
63	MP2C	Mx	-.000863	2.5
64	MP3A	X	10.593	4
65	MP3A	Z	0	4
66	MP3A	Mx	.005	4
67	MP3B	X	14.082	4
68	MP3B	Z	0	4
69	MP3B	Mx	-.004	4
70	MP3C	X	14.082	4
71	MP3C	Z	0	4
72	MP3C	Mx	-.004	4
73	MP2A	X	8.825	4
74	MP2A	Z	0	4
75	MP2A	Mx	.004	4
76	MP2B	X	13.64	4
77	MP2B	Z	0	4
78	MP2B	Mx	-.003	4
79	MP2C	X	13.64	4
80	MP2C	Z	0	4
81	MP2C	Mx	-.003	4
82	MP1A	X	23.927	.67
83	MP1A	Z	0	.67
84	MP1A	Mx	-.018	.67
85	MP1A	X	23.927	5.67
86	MP1A	Z	0	5.67
87	MP1A	Mx	-.018	5.67
88	MP1B	X	31.986	.67
89	MP1B	Z	0	.67



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
90	MP1B	Mx	.012	.67
91	MP1B	X	31.986	5.67
92	MP1B	Z	0	5.67
93	MP1B	Mx	.012	5.67
94	MP1C	X	31.986	.67
95	MP1C	Z	0	.67
96	MP1C	Mx	.012	.67
97	MP1C	X	31.986	5.67
98	MP1C	Z	0	5.67
99	MP1C	Mx	.012	5.67
100	OVP	X	17.958	1
101	OVP	Z	0	1
102	OVP	Mx	0	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	22.465	1.25
2	MP2A	Z	12.97	1.25
3	MP2A	Mx	-.008	1.25
4	MP2A	X	22.465	5.25
5	MP2A	Z	12.97	5.25
6	MP2A	Mx	-.008	5.25
7	MP2B	X	29.516	1.25
8	MP2B	Z	17.041	1.25
9	MP2B	Mx	-.023	1.25
10	MP2B	X	29.516	5.25
11	MP2B	Z	17.041	5.25
12	MP2B	Mx	-.023	5.25
13	MP2C	X	22.465	1.25
14	MP2C	Z	12.97	1.25
15	MP2C	Mx	.025	1.25
16	MP2C	X	22.465	5.25
17	MP2C	Z	12.97	5.25
18	MP2C	Mx	.025	5.25
19	MP2A	X	22.465	1.25
20	MP2A	Z	12.97	1.25
21	MP2A	Mx	-.025	1.25
22	MP2A	X	22.465	5.25
23	MP2A	Z	12.97	5.25
24	MP2A	Mx	-.025	5.25
25	MP2B	X	29.516	1.25
26	MP2B	Z	17.041	1.25
27	MP2B	Mx	.023	1.25
28	MP2B	X	29.516	5.25
29	MP2B	Z	17.041	5.25
30	MP2B	Mx	.023	5.25
31	MP2C	X	22.465	1.25
32	MP2C	Z	12.97	1.25
33	MP2C	Mx	.008	1.25
34	MP2C	X	22.465	5.25
35	MP2C	Z	12.97	5.25
36	MP2C	Mx	.008	5.25
37	MP3A	X	8.922	2.41
38	MP3A	Z	5.151	2.41
39	MP3A	Mx	-.007	2.41
40	MP3A	X	8.922	3.41



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
41	MP3A	Z	5.151	3.41
42	MP3A	Mx	-.007	3.41
43	MP3B	X	15.687	2.41
44	MP3B	Z	9.057	2.41
45	MP3B	Mx	0	2.41
46	MP3B	X	15.687	3.41
47	MP3B	Z	9.057	3.41
48	MP3B	Mx	0	3.41
49	MP3C	X	8.922	2.41
50	MP3C	Z	5.151	2.41
51	MP3C	Mx	.007	2.41
52	MP3C	X	8.922	3.41
53	MP3C	Z	5.151	3.41
54	MP3C	Mx	.007	3.41
55	MP2A	X	2.588	2.5
56	MP2A	Z	1.494	2.5
57	MP2A	Mx	.001	2.5
58	MP2B	X	3.188	2.5
59	MP2B	Z	1.841	2.5
60	MP2B	Mx	0	2.5
61	MP2C	X	2.588	2.5
62	MP2C	Z	1.494	2.5
63	MP2C	Mx	-.001	2.5
64	MP3A	X	10.181	4
65	MP3A	Z	5.878	4
66	MP3A	Mx	.005	4
67	MP3B	X	13.202	4
68	MP3B	Z	7.622	4
69	MP3B	Mx	0	4
70	MP3C	X	10.181	4
71	MP3C	Z	5.878	4
72	MP3C	Mx	-.005	4
73	MP2A	X	9.033	4
74	MP2A	Z	5.215	4
75	MP2A	Mx	.005	4
76	MP2B	X	13.202	4
77	MP2B	Z	7.622	4
78	MP2B	Mx	0	4
79	MP2C	X	9.033	4
80	MP2C	Z	5.215	4
81	MP2C	Mx	-.005	4
82	MP1A	X	23.048	.67
83	MP1A	Z	13.307	.67
84	MP1A	Mx	-.017	.67
85	MP1A	X	23.048	5.67
86	MP1A	Z	13.307	5.67
87	MP1A	Mx	-.017	5.67
88	MP1B	X	30.027	.67
89	MP1B	Z	17.336	.67
90	MP1B	Mx	0	.67
91	MP1B	X	30.027	5.67
92	MP1B	Z	17.336	5.67
93	MP1B	Mx	0	5.67
94	MP1C	X	23.048	.67
95	MP1C	Z	13.307	.67
96	MP1C	Mx	.017	.67
97	MP1C	X	23.048	5.67



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
98	MP1C	Z	13.307	5.67
99	MP1C	Mx	.017	5.67
100	OVP	X	17.887	1
101	OVP	Z	10.327	1
102	OVP	Mx	.005	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	15.684	1.25
2	MP2A	Z	27.165	1.25
3	MP2A	Mx	.006	1.25
4	MP2A	X	15.684	5.25
5	MP2A	Z	27.165	5.25
6	MP2A	Mx	.006	5.25
7	MP2B	X	15.684	1.25
8	MP2B	Z	27.165	1.25
9	MP2B	Mx	-.03	1.25
10	MP2B	X	15.684	5.25
11	MP2B	Z	27.165	5.25
12	MP2B	Mx	-.03	5.25
13	MP2C	X	11.613	1.25
14	MP2C	Z	20.115	1.25
15	MP2C	Mx	.017	1.25
16	MP2C	X	11.613	5.25
17	MP2C	Z	20.115	5.25
18	MP2C	Mx	.017	5.25
19	MP2A	X	15.684	1.25
20	MP2A	Z	27.165	1.25
21	MP2A	Mx	-.03	1.25
22	MP2A	X	15.684	5.25
23	MP2A	Z	27.165	5.25
24	MP2A	Mx	-.03	5.25
25	MP2B	X	15.684	1.25
26	MP2B	Z	27.165	1.25
27	MP2B	Mx	.006	1.25
28	MP2B	X	15.684	5.25
29	MP2B	Z	27.165	5.25
30	MP2B	Mx	.006	5.25
31	MP2C	X	11.613	1.25
32	MP2C	Z	20.115	1.25
33	MP2C	Mx	.017	1.25
34	MP2C	X	11.613	5.25
35	MP2C	Z	20.115	5.25
36	MP2C	Mx	.017	5.25
37	MP3A	X	7.755	2.41
38	MP3A	Z	13.432	2.41
39	MP3A	Mx	-.006	2.41
40	MP3A	X	7.755	3.41
41	MP3A	Z	13.432	3.41
42	MP3A	Mx	-.006	3.41
43	MP3B	X	7.755	2.41
44	MP3B	Z	13.432	2.41
45	MP3B	Mx	-.006	2.41
46	MP3B	X	7.755	3.41
47	MP3B	Z	13.432	3.41
48	MP3B	Mx	-.006	3.41



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 Designer : Mo  
 Job Number : Project No. 10046639  
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**Member Point Loads (BLC 20 : Antenna Wi (150 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
49	MP3C	X	3.849	2.41
50	MP3C	Z	6.667	2.41
51	MP3C	Mx	.006	2.41
52	MP3C	X	3.849	3.41
53	MP3C	Z	6.667	3.41
54	MP3C	Mx	.006	3.41
55	MP2A	X	1.725	2.5
56	MP2A	Z	2.988	2.5
57	MP2A	Mx	.000863	2.5
58	MP2B	X	1.725	2.5
59	MP2B	Z	2.988	2.5
60	MP2B	Mx	.000863	2.5
61	MP2C	X	1.379	2.5
62	MP2C	Z	2.388	2.5
63	MP2C	Mx	-.001	2.5
64	MP3A	X	7.041	4
65	MP3A	Z	12.195	4
66	MP3A	Mx	.004	4
67	MP3B	X	7.041	4
68	MP3B	Z	12.195	4
69	MP3B	Mx	.004	4
70	MP3C	X	5.296	4
71	MP3C	Z	9.174	4
72	MP3C	Mx	-.005	4
73	MP2A	X	6.82	4
74	MP2A	Z	11.812	4
75	MP2A	Mx	.003	4
76	MP2B	X	6.82	4
77	MP2B	Z	11.812	4
78	MP2B	Mx	.003	4
79	MP2C	X	4.413	4
80	MP2C	Z	7.643	4
81	MP2C	Mx	-.004	4
82	MP1A	X	15.993	.67
83	MP1A	Z	27.701	.67
84	MP1A	Mx	-.012	.67
85	MP1A	X	15.993	5.67
86	MP1A	Z	27.701	5.67
87	MP1A	Mx	-.012	5.67
88	MP1B	X	15.993	.67
89	MP1B	Z	27.701	.67
90	MP1B	Mx	-.012	.67
91	MP1B	X	15.993	5.67
92	MP1B	Z	27.701	5.67
93	MP1B	Mx	-.012	5.67
94	MP1C	X	11.963	.67
95	MP1C	Z	20.721	.67
96	MP1C	Mx	.018	.67
97	MP1C	X	11.963	5.67
98	MP1C	Z	20.721	5.67
99	MP1C	Mx	.018	5.67
100	OVP	X	13.023	1
101	OVP	Z	22.557	1
102	OVP	Mx	.011	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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**Member Point Loads (BLC 21 : Antenna Wi (180 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	0	1.25
2	MP2A	Z	34.082	1.25
3	MP2A	Mx	.023	1.25
4	MP2A	X	0	5.25
5	MP2A	Z	34.082	5.25
6	MP2A	Mx	.023	5.25
7	MP2B	X	0	1.25
8	MP2B	Z	25.94	1.25
9	MP2B	Mx	-.025	1.25
10	MP2B	X	0	5.25
11	MP2B	Z	25.94	5.25
12	MP2B	Mx	-.025	5.25
13	MP2C	X	0	1.25
14	MP2C	Z	25.94	1.25
15	MP2C	Mx	.008	1.25
16	MP2C	X	0	5.25
17	MP2C	Z	25.94	5.25
18	MP2C	Mx	.008	5.25
19	MP2A	X	0	1.25
20	MP2A	Z	34.082	1.25
21	MP2A	Mx	-.023	1.25
22	MP2A	X	0	5.25
23	MP2A	Z	34.082	5.25
24	MP2A	Mx	-.023	5.25
25	MP2B	X	0	1.25
26	MP2B	Z	25.94	1.25
27	MP2B	Mx	-.008	1.25
28	MP2B	X	0	5.25
29	MP2B	Z	25.94	5.25
30	MP2B	Mx	-.008	5.25
31	MP2C	X	0	1.25
32	MP2C	Z	25.94	1.25
33	MP2C	Mx	.025	1.25
34	MP2C	X	0	5.25
35	MP2C	Z	25.94	5.25
36	MP2C	Mx	.025	5.25
37	MP3A	X	0	2.41
38	MP3A	Z	18.114	2.41
39	MP3A	Mx	0	2.41
40	MP3A	X	0	3.41
41	MP3A	Z	18.114	3.41
42	MP3A	Mx	0	3.41
43	MP3B	X	0	2.41
44	MP3B	Z	10.302	2.41
45	MP3B	Mx	-.007	2.41
46	MP3B	X	0	3.41
47	MP3B	Z	10.302	3.41
48	MP3B	Mx	-.007	3.41
49	MP3C	X	0	2.41
50	MP3C	Z	10.302	2.41
51	MP3C	Mx	.007	2.41
52	MP3C	X	0	3.41
53	MP3C	Z	10.302	3.41
54	MP3C	Mx	.007	3.41
55	MP2A	X	0	2.5
56	MP2A	Z	3.681	2.5
57	MP2A	Mx	0	2.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP2B	X	0	2.5
59	MP2B	Z	2.989	2.5
60	MP2B	Mx	.001	2.5
61	MP2C	X	0	2.5
62	MP2C	Z	2.989	2.5
63	MP2C	Mx	-.001	2.5
64	MP3A	X	0	4
65	MP3A	Z	15.244	4
66	MP3A	Mx	0	4
67	MP3B	X	0	4
68	MP3B	Z	11.756	4
69	MP3B	Mx	.005	4
70	MP3C	X	0	4
71	MP3C	Z	11.756	4
72	MP3C	Mx	-.005	4
73	MP2A	X	0	4
74	MP2A	Z	15.244	4
75	MP2A	Mx	0	4
76	MP2B	X	0	4
77	MP2B	Z	10.43	4
78	MP2B	Mx	.005	4
79	MP2C	X	0	4
80	MP2C	Z	10.43	4
81	MP2C	Mx	-.005	4
82	MP1A	X	0	.67
83	MP1A	Z	34.672	.67
84	MP1A	Mx	0	.67
85	MP1A	X	0	5.67
86	MP1A	Z	34.672	5.67
87	MP1A	Mx	0	5.67
88	MP1B	X	0	.67
89	MP1B	Z	26.613	.67
90	MP1B	Mx	-.017	.67
91	MP1B	X	0	5.67
92	MP1B	Z	26.613	5.67
93	MP1B	Mx	-.017	5.67
94	MP1C	X	0	.67
95	MP1C	Z	26.613	.67
96	MP1C	Mx	.017	.67
97	MP1C	X	0	5.67
98	MP1C	Z	26.613	5.67
99	MP1C	Mx	.017	5.67
100	OVP	X	0	1
101	OVP	Z	28.742	1
102	OVP	Mx	.014	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-15.684	1.25
2	MP2A	Z	27.165	1.25
3	MP2A	Mx	.03	1.25
4	MP2A	X	-15.684	5.25
5	MP2A	Z	27.165	5.25
6	MP2A	Mx	.03	5.25
7	MP2B	X	-11.613	1.25
8	MP2B	Z	20.115	1.25





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
9	MP2B	Mx	-.017	1.25
10	MP2B	X	-11.613	5.25
11	MP2B	Z	20.115	5.25
12	MP2B	Mx	-.017	5.25
13	MP2C	X	-15.684	1.25
14	MP2C	Z	27.165	1.25
15	MP2C	Mx	-.006	1.25
16	MP2C	X	-15.684	5.25
17	MP2C	Z	27.165	5.25
18	MP2C	Mx	-.006	5.25
19	MP2A	X	-15.684	1.25
20	MP2A	Z	27.165	1.25
21	MP2A	Mx	-.006	1.25
22	MP2A	X	-15.684	5.25
23	MP2A	Z	27.165	5.25
24	MP2A	Mx	-.006	5.25
25	MP2B	X	-11.613	1.25
26	MP2B	Z	20.115	1.25
27	MP2B	Mx	-.017	1.25
28	MP2B	X	-11.613	5.25
29	MP2B	Z	20.115	5.25
30	MP2B	Mx	-.017	5.25
31	MP2C	X	-15.684	1.25
32	MP2C	Z	27.165	1.25
33	MP2C	Mx	.03	1.25
34	MP2C	X	-15.684	5.25
35	MP2C	Z	27.165	5.25
36	MP2C	Mx	.03	5.25
37	MP3A	X	-7.755	2.41
38	MP3A	Z	13.432	2.41
39	MP3A	Mx	.006	2.41
40	MP3A	X	-7.755	3.41
41	MP3A	Z	13.432	3.41
42	MP3A	Mx	.006	3.41
43	MP3B	X	-3.849	2.41
44	MP3B	Z	6.667	2.41
45	MP3B	Mx	-.006	2.41
46	MP3B	X	-3.849	3.41
47	MP3B	Z	6.667	3.41
48	MP3B	Mx	-.006	3.41
49	MP3C	X	-7.755	2.41
50	MP3C	Z	13.432	2.41
51	MP3C	Mx	.006	2.41
52	MP3C	X	-7.755	3.41
53	MP3C	Z	13.432	3.41
54	MP3C	Mx	.006	3.41
55	MP2A	X	-1.725	2.5
56	MP2A	Z	2.988	2.5
57	MP2A	Mx	-.000863	2.5
58	MP2B	X	-1.379	2.5
59	MP2B	Z	2.388	2.5
60	MP2B	Mx	.001	2.5
61	MP2C	X	-1.725	2.5
62	MP2C	Z	2.988	2.5
63	MP2C	Mx	-.000863	2.5
64	MP3A	X	-7.041	4
65	MP3A	Z	12.195	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
66	MP3A	Mx	-0.04	4
67	MP3B	X	-5.296	4
68	MP3B	Z	9.174	4
69	MP3B	Mx	.005	4
70	MP3C	X	-7.041	4
71	MP3C	Z	12.195	4
72	MP3C	Mx	-0.04	4
73	MP2A	X	-6.82	4
74	MP2A	Z	11.812	4
75	MP2A	Mx	-0.03	4
76	MP2B	X	-4.413	4
77	MP2B	Z	7.643	4
78	MP2B	Mx	.004	4
79	MP2C	X	-6.82	4
80	MP2C	Z	11.812	4
81	MP2C	Mx	-0.03	4
82	MP1A	X	-15.993	.67
83	MP1A	Z	27.701	.67
84	MP1A	Mx	.012	.67
85	MP1A	X	-15.993	5.67
86	MP1A	Z	27.701	5.67
87	MP1A	Mx	.012	5.67
88	MP1B	X	-11.963	.67
89	MP1B	Z	20.721	.67
90	MP1B	Mx	-0.18	.67
91	MP1B	X	-11.963	5.67
92	MP1B	Z	20.721	5.67
93	MP1B	Mx	-0.18	5.67
94	MP1C	X	-15.993	.67
95	MP1C	Z	27.701	.67
96	MP1C	Mx	.012	.67
97	MP1C	X	-15.993	5.67
98	MP1C	Z	27.701	5.67
99	MP1C	Mx	.012	5.67
100	OVP	X	-13.023	1
101	OVP	Z	22.557	1
102	OVP	Mx	.011	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-22.465	1.25
2	MP2A	Z	12.97	1.25
3	MP2A	Mx	.025	1.25
4	MP2A	X	-22.465	5.25
5	MP2A	Z	12.97	5.25
6	MP2A	Mx	.025	5.25
7	MP2B	X	-22.465	1.25
8	MP2B	Z	12.97	1.25
9	MP2B	Mx	-0.08	1.25
10	MP2B	X	-22.465	5.25
11	MP2B	Z	12.97	5.25
12	MP2B	Mx	-0.08	5.25
13	MP2C	X	-29.516	1.25
14	MP2C	Z	17.041	1.25
15	MP2C	Mx	-0.23	1.25
16	MP2C	X	-29.516	5.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
17	MP2C	Z	17.041	5.25
18	MP2C	Mx	-.023	5.25
19	MP2A	X	-22.465	1.25
20	MP2A	Z	12.97	1.25
21	MP2A	Mx	.008	1.25
22	MP2A	X	-22.465	5.25
23	MP2A	Z	12.97	5.25
24	MP2A	Mx	.008	5.25
25	MP2B	X	-22.465	1.25
26	MP2B	Z	12.97	1.25
27	MP2B	Mx	-.025	1.25
28	MP2B	X	-22.465	5.25
29	MP2B	Z	12.97	5.25
30	MP2B	Mx	-.025	5.25
31	MP2C	X	-29.516	1.25
32	MP2C	Z	17.041	1.25
33	MP2C	Mx	.023	1.25
34	MP2C	X	-29.516	5.25
35	MP2C	Z	17.041	5.25
36	MP2C	Mx	.023	5.25
37	MP3A	X	-8.922	2.41
38	MP3A	Z	5.151	2.41
39	MP3A	Mx	.007	2.41
40	MP3A	X	-8.922	3.41
41	MP3A	Z	5.151	3.41
42	MP3A	Mx	.007	3.41
43	MP3B	X	-8.922	2.41
44	MP3B	Z	5.151	2.41
45	MP3B	Mx	-.007	2.41
46	MP3B	X	-8.922	3.41
47	MP3B	Z	5.151	3.41
48	MP3B	Mx	-.007	3.41
49	MP3C	X	-15.687	2.41
50	MP3C	Z	9.057	2.41
51	MP3C	Mx	0	2.41
52	MP3C	X	-15.687	3.41
53	MP3C	Z	9.057	3.41
54	MP3C	Mx	0	3.41
55	MP2A	X	-2.588	2.5
56	MP2A	Z	1.494	2.5
57	MP2A	Mx	-.001	2.5
58	MP2B	X	-2.588	2.5
59	MP2B	Z	1.494	2.5
60	MP2B	Mx	.001	2.5
61	MP2C	X	-3.188	2.5
62	MP2C	Z	1.841	2.5
63	MP2C	Mx	0	2.5
64	MP3A	X	-10.181	4
65	MP3A	Z	5.878	4
66	MP3A	Mx	-.005	4
67	MP3B	X	-10.181	4
68	MP3B	Z	5.878	4
69	MP3B	Mx	.005	4
70	MP3C	X	-13.202	4
71	MP3C	Z	7.622	4
72	MP3C	Mx	0	4
73	MP2A	X	-9.033	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
74	MP2A	Z	5.215	4
75	MP2A	Mx	-0.005	4
76	MP2B	X	-9.033	4
77	MP2B	Z	5.215	4
78	MP2B	Mx	.005	4
79	MP2C	X	-13.202	4
80	MP2C	Z	7.622	4
81	MP2C	Mx	0	4
82	MP1A	X	-23.048	.67
83	MP1A	Z	13.307	.67
84	MP1A	Mx	.017	.67
85	MP1A	X	-23.048	5.67
86	MP1A	Z	13.307	5.67
87	MP1A	Mx	.017	5.67
88	MP1B	X	-23.048	.67
89	MP1B	Z	13.307	.67
90	MP1B	Mx	-.017	.67
91	MP1B	X	-23.048	5.67
92	MP1B	Z	13.307	5.67
93	MP1B	Mx	-.017	5.67
94	MP1C	X	-30.027	.67
95	MP1C	Z	17.336	.67
96	MP1C	Mx	0	.67
97	MP1C	X	-30.027	5.67
98	MP1C	Z	17.336	5.67
99	MP1C	Mx	0	5.67
100	OVP	X	-17.887	1
101	OVP	Z	10.327	1
102	OVP	Mx	.005	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-23.227	1.25
2	MP2A	Z	0	1.25
3	MP2A	Mx	.017	1.25
4	MP2A	X	-23.227	5.25
5	MP2A	Z	0	5.25
6	MP2A	Mx	.017	5.25
7	MP2B	X	-31.368	1.25
8	MP2B	Z	0	1.25
9	MP2B	Mx	.006	1.25
10	MP2B	X	-31.368	5.25
11	MP2B	Z	0	5.25
12	MP2B	Mx	.006	5.25
13	MP2C	X	-31.368	1.25
14	MP2C	Z	0	1.25
15	MP2C	Mx	-.03	1.25
16	MP2C	X	-31.368	5.25
17	MP2C	Z	0	5.25
18	MP2C	Mx	-.03	5.25
19	MP2A	X	-23.227	1.25
20	MP2A	Z	0	1.25
21	MP2A	Mx	.017	1.25
22	MP2A	X	-23.227	5.25
23	MP2A	Z	0	5.25
24	MP2A	Mx	.017	5.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
25	MP2B	X	-31.368	1.25
26	MP2B	Z	0	1.25
27	MP2B	Mx	-.03	1.25
28	MP2B	X	-31.368	5.25
29	MP2B	Z	0	5.25
30	MP2B	Mx	-.03	5.25
31	MP2C	X	-31.368	1.25
32	MP2C	Z	0	1.25
33	MP2C	Mx	.006	1.25
34	MP2C	X	-31.368	5.25
35	MP2C	Z	0	5.25
36	MP2C	Mx	.006	5.25
37	MP3A	X	-7.699	2.41
38	MP3A	Z	0	2.41
39	MP3A	Mx	.006	2.41
40	MP3A	X	-7.699	3.41
41	MP3A	Z	0	3.41
42	MP3A	Mx	.006	3.41
43	MP3B	X	-15.51	2.41
44	MP3B	Z	0	2.41
45	MP3B	Mx	-.006	2.41
46	MP3B	X	-15.51	3.41
47	MP3B	Z	0	3.41
48	MP3B	Mx	-.006	3.41
49	MP3C	X	-15.51	2.41
50	MP3C	Z	0	2.41
51	MP3C	Mx	-.006	2.41
52	MP3C	X	-15.51	3.41
53	MP3C	Z	0	3.41
54	MP3C	Mx	-.006	3.41
55	MP2A	X	-2.758	2.5
56	MP2A	Z	0	2.5
57	MP2A	Mx	-.001	2.5
58	MP2B	X	-3.45	2.5
59	MP2B	Z	0	2.5
60	MP2B	Mx	.000863	2.5
61	MP2C	X	-3.45	2.5
62	MP2C	Z	0	2.5
63	MP2C	Mx	.000863	2.5
64	MP3A	X	-10.593	4
65	MP3A	Z	0	4
66	MP3A	Mx	-.005	4
67	MP3B	X	-14.082	4
68	MP3B	Z	0	4
69	MP3B	Mx	.004	4
70	MP3C	X	-14.082	4
71	MP3C	Z	0	4
72	MP3C	Mx	.004	4
73	MP2A	X	-8.825	4
74	MP2A	Z	0	4
75	MP2A	Mx	-.004	4
76	MP2B	X	-13.64	4
77	MP2B	Z	0	4
78	MP2B	Mx	.003	4
79	MP2C	X	-13.64	4
80	MP2C	Z	0	4
81	MP2C	Mx	.003	4



Company : Maser Consulting  
 Designer : Mo  
 Job Number : Project No. 10046639  
 Model Name : 469377-VZW\_MT\_LO\_H

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
82	MP1A	X	-23.927	.67
83	MP1A	Z	0	.67
84	MP1A	Mx	.018	.67
85	MP1A	X	-23.927	5.67
86	MP1A	Z	0	5.67
87	MP1A	Mx	.018	5.67
88	MP1B	X	-31.986	.67
89	MP1B	Z	0	.67
90	MP1B	Mx	-.012	.67
91	MP1B	X	-31.986	5.67
92	MP1B	Z	0	5.67
93	MP1B	Mx	-.012	5.67
94	MP1C	X	-31.986	.67
95	MP1C	Z	0	.67
96	MP1C	Mx	-.012	.67
97	MP1C	X	-31.986	5.67
98	MP1C	Z	0	5.67
99	MP1C	Mx	-.012	5.67
100	OVP	X	-17.958	1
101	OVP	Z	0	1
102	OVP	Mx	0	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-22.465	1.25
2	MP2A	Z	-12.97	1.25
3	MP2A	Mx	.008	1.25
4	MP2A	X	-22.465	5.25
5	MP2A	Z	-12.97	5.25
6	MP2A	Mx	.008	5.25
7	MP2B	X	-29.516	1.25
8	MP2B	Z	-17.041	1.25
9	MP2B	Mx	.023	1.25
10	MP2B	X	-29.516	5.25
11	MP2B	Z	-17.041	5.25
12	MP2B	Mx	.023	5.25
13	MP2C	X	-22.465	1.25
14	MP2C	Z	-12.97	1.25
15	MP2C	Mx	-.025	1.25
16	MP2C	X	-22.465	5.25
17	MP2C	Z	-12.97	5.25
18	MP2C	Mx	-.025	5.25
19	MP2A	X	-22.465	1.25
20	MP2A	Z	-12.97	1.25
21	MP2A	Mx	.025	1.25
22	MP2A	X	-22.465	5.25
23	MP2A	Z	-12.97	5.25
24	MP2A	Mx	.025	5.25
25	MP2B	X	-29.516	1.25
26	MP2B	Z	-17.041	1.25
27	MP2B	Mx	-.023	1.25
28	MP2B	X	-29.516	5.25
29	MP2B	Z	-17.041	5.25
30	MP2B	Mx	-.023	5.25
31	MP2C	X	-22.465	1.25
32	MP2C	Z	-12.97	1.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
33	MP2C	Mx	-.008	1.25
34	MP2C	X	-22.465	5.25
35	MP2C	Z	-12.97	5.25
36	MP2C	Mx	-.008	5.25
37	MP3A	X	-8.922	2.41
38	MP3A	Z	-5.151	2.41
39	MP3A	Mx	.007	2.41
40	MP3A	X	-8.922	3.41
41	MP3A	Z	-5.151	3.41
42	MP3A	Mx	.007	3.41
43	MP3B	X	-15.687	2.41
44	MP3B	Z	-9.057	2.41
45	MP3B	Mx	0	2.41
46	MP3B	X	-15.687	3.41
47	MP3B	Z	-9.057	3.41
48	MP3B	Mx	0	3.41
49	MP3C	X	-8.922	2.41
50	MP3C	Z	-5.151	2.41
51	MP3C	Mx	-.007	2.41
52	MP3C	X	-8.922	3.41
53	MP3C	Z	-5.151	3.41
54	MP3C	Mx	-.007	3.41
55	MP2A	X	-2.588	2.5
56	MP2A	Z	-1.494	2.5
57	MP2A	Mx	-.001	2.5
58	MP2B	X	-3.188	2.5
59	MP2B	Z	-1.841	2.5
60	MP2B	Mx	0	2.5
61	MP2C	X	-2.588	2.5
62	MP2C	Z	-1.494	2.5
63	MP2C	Mx	.001	2.5
64	MP3A	X	-10.181	4
65	MP3A	Z	-5.878	4
66	MP3A	Mx	-.005	4
67	MP3B	X	-13.202	4
68	MP3B	Z	-7.622	4
69	MP3B	Mx	0	4
70	MP3C	X	-10.181	4
71	MP3C	Z	-5.878	4
72	MP3C	Mx	.005	4
73	MP2A	X	-9.033	4
74	MP2A	Z	-5.215	4
75	MP2A	Mx	-.005	4
76	MP2B	X	-13.202	4
77	MP2B	Z	-7.622	4
78	MP2B	Mx	0	4
79	MP2C	X	-9.033	4
80	MP2C	Z	-5.215	4
81	MP2C	Mx	.005	4
82	MP1A	X	-23.048	.67
83	MP1A	Z	-13.307	.67
84	MP1A	Mx	.017	.67
85	MP1A	X	-23.048	5.67
86	MP1A	Z	-13.307	5.67
87	MP1A	Mx	.017	5.67
88	MP1B	X	-30.027	.67
89	MP1B	Z	-17.336	.67



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
90	MP1B	Mx	0	.67
91	MP1B	X	-30.027	5.67
92	MP1B	Z	-17.336	5.67
93	MP1B	Mx	0	5.67
94	MP1C	X	-23.048	.67
95	MP1C	Z	-13.307	.67
96	MP1C	Mx	-.017	.67
97	MP1C	X	-23.048	5.67
98	MP1C	Z	-13.307	5.67
99	MP1C	Mx	-.017	5.67
100	OVP	X	-17.887	1
101	OVP	Z	-10.327	1
102	OVP	Mx	-.005	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-15.684	1.25
2	MP2A	Z	-27.165	1.25
3	MP2A	Mx	-.006	1.25
4	MP2A	X	-15.684	5.25
5	MP2A	Z	-27.165	5.25
6	MP2A	Mx	-.006	5.25
7	MP2B	X	-15.684	1.25
8	MP2B	Z	-27.165	1.25
9	MP2B	Mx	.03	1.25
10	MP2B	X	-15.684	5.25
11	MP2B	Z	-27.165	5.25
12	MP2B	Mx	.03	5.25
13	MP2C	X	-11.613	1.25
14	MP2C	Z	-20.115	1.25
15	MP2C	Mx	-.017	1.25
16	MP2C	X	-11.613	5.25
17	MP2C	Z	-20.115	5.25
18	MP2C	Mx	-.017	5.25
19	MP2A	X	-15.684	1.25
20	MP2A	Z	-27.165	1.25
21	MP2A	Mx	.03	1.25
22	MP2A	X	-15.684	5.25
23	MP2A	Z	-27.165	5.25
24	MP2A	Mx	.03	5.25
25	MP2B	X	-15.684	1.25
26	MP2B	Z	-27.165	1.25
27	MP2B	Mx	-.006	1.25
28	MP2B	X	-15.684	5.25
29	MP2B	Z	-27.165	5.25
30	MP2B	Mx	-.006	5.25
31	MP2C	X	-11.613	1.25
32	MP2C	Z	-20.115	1.25
33	MP2C	Mx	-.017	1.25
34	MP2C	X	-11.613	5.25
35	MP2C	Z	-20.115	5.25
36	MP2C	Mx	-.017	5.25
37	MP3A	X	-7.755	2.41
38	MP3A	Z	-13.432	2.41
39	MP3A	Mx	.006	2.41
40	MP3A	X	-7.755	3.41





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
41	MP3A	Z	-13.432	3.41
42	MP3A	Mx	.006	3.41
43	MP3B	X	-7.755	2.41
44	MP3B	Z	-13.432	2.41
45	MP3B	Mx	.006	2.41
46	MP3B	X	-7.755	3.41
47	MP3B	Z	-13.432	3.41
48	MP3B	Mx	.006	3.41
49	MP3C	X	-3.849	2.41
50	MP3C	Z	-6.667	2.41
51	MP3C	Mx	-.006	2.41
52	MP3C	X	-3.849	3.41
53	MP3C	Z	-6.667	3.41
54	MP3C	Mx	-.006	3.41
55	MP2A	X	-1.725	2.5
56	MP2A	Z	-2.988	2.5
57	MP2A	Mx	-.000863	2.5
58	MP2B	X	-1.725	2.5
59	MP2B	Z	-2.988	2.5
60	MP2B	Mx	-.000863	2.5
61	MP2C	X	-1.379	2.5
62	MP2C	Z	-2.388	2.5
63	MP2C	Mx	.001	2.5
64	MP3A	X	-7.041	4
65	MP3A	Z	-12.195	4
66	MP3A	Mx	-.004	4
67	MP3B	X	-7.041	4
68	MP3B	Z	-12.195	4
69	MP3B	Mx	-.004	4
70	MP3C	X	-5.296	4
71	MP3C	Z	-9.174	4
72	MP3C	Mx	.005	4
73	MP2A	X	-6.82	4
74	MP2A	Z	-11.812	4
75	MP2A	Mx	-.003	4
76	MP2B	X	-6.82	4
77	MP2B	Z	-11.812	4
78	MP2B	Mx	-.003	4
79	MP2C	X	-4.413	4
80	MP2C	Z	-7.643	4
81	MP2C	Mx	.004	4
82	MP1A	X	-15.993	.67
83	MP1A	Z	-27.701	.67
84	MP1A	Mx	.012	.67
85	MP1A	X	-15.993	5.67
86	MP1A	Z	-27.701	5.67
87	MP1A	Mx	.012	5.67
88	MP1B	X	-15.993	.67
89	MP1B	Z	-27.701	.67
90	MP1B	Mx	.012	.67
91	MP1B	X	-15.993	5.67
92	MP1B	Z	-27.701	5.67
93	MP1B	Mx	.012	5.67
94	MP1C	X	-11.963	.67
95	MP1C	Z	-20.721	.67
96	MP1C	Mx	-.018	.67
97	MP1C	X	-11.963	5.67



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
98	MP1C	Z	-20.721	5.67
99	MP1C	Mx	-.018	5.67
100	OVP	X	-13.023	1
101	OVP	Z	-22.557	1
102	OVP	Mx	-.011	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	0	1.25
2	MP2A	Z	-11.223	1.25
3	MP2A	Mx	-.007	1.25
4	MP2A	X	0	5.25
5	MP2A	Z	-11.223	5.25
6	MP2A	Mx	-.007	5.25
7	MP2B	X	0	1.25
8	MP2B	Z	-8.334	1.25
9	MP2B	Mx	.008	1.25
10	MP2B	X	0	5.25
11	MP2B	Z	-8.334	5.25
12	MP2B	Mx	.008	5.25
13	MP2C	X	0	1.25
14	MP2C	Z	-8.334	1.25
15	MP2C	Mx	-.003	1.25
16	MP2C	X	0	5.25
17	MP2C	Z	-8.334	5.25
18	MP2C	Mx	-.003	5.25
19	MP2A	X	0	1.25
20	MP2A	Z	-11.223	1.25
21	MP2A	Mx	.007	1.25
22	MP2A	X	0	5.25
23	MP2A	Z	-11.223	5.25
24	MP2A	Mx	.007	5.25
25	MP2B	X	0	1.25
26	MP2B	Z	-8.334	1.25
27	MP2B	Mx	.003	1.25
28	MP2B	X	0	5.25
29	MP2B	Z	-8.334	5.25
30	MP2B	Mx	.003	5.25
31	MP2C	X	0	1.25
32	MP2C	Z	-8.334	1.25
33	MP2C	Mx	-.008	1.25
34	MP2C	X	0	5.25
35	MP2C	Z	-8.334	5.25
36	MP2C	Mx	-.008	5.25
37	MP3A	X	0	2.41
38	MP3A	Z	-5.79	2.41
39	MP3A	Mx	0	2.41
40	MP3A	X	0	3.41
41	MP3A	Z	-5.79	3.41
42	MP3A	Mx	0	3.41
43	MP3B	X	0	2.41
44	MP3B	Z	-3.148	2.41
45	MP3B	Mx	.002	2.41
46	MP3B	X	0	3.41
47	MP3B	Z	-3.148	3.41
48	MP3B	Mx	.002	3.41



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
49	MP3C	X	0	2.41
50	MP3C	Z	-3.148	2.41
51	MP3C	Mx	-.002	2.41
52	MP3C	X	0	3.41
53	MP3C	Z	-3.148	3.41
54	MP3C	Mx	-.002	3.41
55	MP2A	X	0	2.5
56	MP2A	Z	-.912	2.5
57	MP2A	Mx	0	2.5
58	MP2B	X	0	2.5
59	MP2B	Z	-.701	2.5
60	MP2B	Mx	-.000304	2.5
61	MP2C	X	0	2.5
62	MP2C	Z	-.701	2.5
63	MP2C	Mx	.000304	2.5
64	MP3A	X	0	4
65	MP3A	Z	-4.608	4
66	MP3A	Mx	0	4
67	MP3B	X	0	4
68	MP3B	Z	-3.462	4
69	MP3B	Mx	-.001	4
70	MP3C	X	0	4
71	MP3C	Z	-3.462	4
72	MP3C	Mx	.001	4
73	MP2A	X	0	4
74	MP2A	Z	-4.608	4
75	MP2A	Mx	0	4
76	MP2B	X	0	4
77	MP2B	Z	-3.023	4
78	MP2B	Mx	-.001	4
79	MP2C	X	0	4
80	MP2C	Z	-3.023	4
81	MP2C	Mx	.001	4
82	MP1A	X	0	.67
83	MP1A	Z	-11.371	.67
84	MP1A	Mx	0	.67
85	MP1A	X	0	5.67
86	MP1A	Z	-11.371	5.67
87	MP1A	Mx	0	5.67
88	MP1B	X	0	.67
89	MP1B	Z	-8.516	.67
90	MP1B	Mx	.006	.67
91	MP1B	X	0	5.67
92	MP1B	Z	-8.516	5.67
93	MP1B	Mx	.006	5.67
94	MP1C	X	0	.67
95	MP1C	Z	-8.516	.67
96	MP1C	Mx	-.006	.67
97	MP1C	X	0	5.67
98	MP1C	Z	-8.516	5.67
99	MP1C	Mx	-.006	5.67
100	OVP	X	0	1
101	OVP	Z	-9.141	1
102	OVP	Mx	-.005	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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Company : Maser Consulting  
 Designer : Mo  
 Job Number : Project No. 10046639  
 Model Name : 469377-VZW\_MT\_LO\_H

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	5.13	1.25
2	MP2A	Z	-8.886	1.25
3	MP2A	Mx	-.01	1.25
4	MP2A	X	5.13	5.25
5	MP2A	Z	-8.886	5.25
6	MP2A	Mx	-.01	5.25
7	MP2B	X	3.686	1.25
8	MP2B	Z	-6.384	1.25
9	MP2B	Mx	.006	1.25
10	MP2B	X	3.686	5.25
11	MP2B	Z	-6.384	5.25
12	MP2B	Mx	.006	5.25
13	MP2C	X	5.13	1.25
14	MP2C	Z	-8.886	1.25
15	MP2C	Mx	.002	1.25
16	MP2C	X	5.13	5.25
17	MP2C	Z	-8.886	5.25
18	MP2C	Mx	.002	5.25
19	MP2A	X	5.13	1.25
20	MP2A	Z	-8.886	1.25
21	MP2A	Mx	.002	1.25
22	MP2A	X	5.13	5.25
23	MP2A	Z	-8.886	5.25
24	MP2A	Mx	.002	5.25
25	MP2B	X	3.686	1.25
26	MP2B	Z	-6.384	1.25
27	MP2B	Mx	.006	1.25
28	MP2B	X	3.686	5.25
29	MP2B	Z	-6.384	5.25
30	MP2B	Mx	.006	5.25
31	MP2C	X	5.13	1.25
32	MP2C	Z	-8.886	1.25
33	MP2C	Mx	-.01	1.25
34	MP2C	X	5.13	5.25
35	MP2C	Z	-8.886	5.25
36	MP2C	Mx	-.01	5.25
37	MP3A	X	2.455	2.41
38	MP3A	Z	-4.252	2.41
39	MP3A	Mx	-.002	2.41
40	MP3A	X	2.455	3.41
41	MP3A	Z	-4.252	3.41
42	MP3A	Mx	-.002	3.41
43	MP3B	X	1.133	2.41
44	MP3B	Z	-1.963	2.41
45	MP3B	Mx	.002	2.41
46	MP3B	X	1.133	3.41
47	MP3B	Z	-1.963	3.41
48	MP3B	Mx	.002	3.41
49	MP3C	X	2.455	2.41
50	MP3C	Z	-4.252	2.41
51	MP3C	Mx	-.002	2.41
52	MP3C	X	2.455	3.41
53	MP3C	Z	-4.252	3.41
54	MP3C	Mx	-.002	3.41
55	MP2A	X	.421	2.5
56	MP2A	Z	-.729	2.5
57	MP2A	Mx	.00021	2.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP2B	X	.315	2.5
59	MP2B	Z	-.546	2.5
60	MP2B	Mx	-.000315	2.5
61	MP2C	X	.421	2.5
62	MP2C	Z	-.729	2.5
63	MP2C	Mx	.00021	2.5
64	MP3A	X	2.113	4
65	MP3A	Z	-3.66	4
66	MP3A	Mx	.001	4
67	MP3B	X	1.54	4
68	MP3B	Z	-2.667	4
69	MP3B	Mx	-.002	4
70	MP3C	X	2.113	4
71	MP3C	Z	-3.66	4
72	MP3C	Mx	.001	4
73	MP2A	X	2.04	4
74	MP2A	Z	-3.533	4
75	MP2A	Mx	.001	4
76	MP2B	X	1.247	4
77	MP2B	Z	-2.161	4
78	MP2B	Mx	-.001	4
79	MP2C	X	2.04	4
80	MP2C	Z	-3.533	4
81	MP2C	Mx	.001	4
82	MP1A	X	5.21	.67
83	MP1A	Z	-9.024	.67
84	MP1A	Mx	-.004	.67
85	MP1A	X	5.21	5.67
86	MP1A	Z	-9.024	5.67
87	MP1A	Mx	-.004	5.67
88	MP1B	X	3.782	.67
89	MP1B	Z	-6.551	.67
90	MP1B	Mx	.006	.67
91	MP1B	X	3.782	5.67
92	MP1B	Z	-6.551	5.67
93	MP1B	Mx	.006	5.67
94	MP1C	X	5.21	.67
95	MP1C	Z	-9.024	.67
96	MP1C	Mx	-.004	.67
97	MP1C	X	5.21	5.67
98	MP1C	Z	-9.024	5.67
99	MP1C	Mx	-.004	5.67
100	OVP	X	4.107	1
101	OVP	Z	-7.114	1
102	OVP	Mx	-.004	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	7.218	1.25
2	MP2A	Z	-4.167	1.25
3	MP2A	Mx	-.008	1.25
4	MP2A	X	7.218	5.25
5	MP2A	Z	-4.167	5.25
6	MP2A	Mx	-.008	5.25
7	MP2B	X	7.218	1.25
8	MP2B	Z	-4.167	1.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
9	MP2B	Mx	.003	1.25
10	MP2B	X	7.218	5.25
11	MP2B	Z	-4.167	5.25
12	MP2B	Mx	.003	5.25
13	MP2C	X	9.72	1.25
14	MP2C	Z	-5.612	1.25
15	MP2C	Mx	.007	1.25
16	MP2C	X	9.72	5.25
17	MP2C	Z	-5.612	5.25
18	MP2C	Mx	.007	5.25
19	MP2A	X	7.218	1.25
20	MP2A	Z	-4.167	1.25
21	MP2A	Mx	-.003	1.25
22	MP2A	X	7.218	5.25
23	MP2A	Z	-4.167	5.25
24	MP2A	Mx	-.003	5.25
25	MP2B	X	7.218	1.25
26	MP2B	Z	-4.167	1.25
27	MP2B	Mx	.008	1.25
28	MP2B	X	7.218	5.25
29	MP2B	Z	-4.167	5.25
30	MP2B	Mx	.008	5.25
31	MP2C	X	9.72	1.25
32	MP2C	Z	-5.612	1.25
33	MP2C	Mx	-.007	1.25
34	MP2C	X	9.72	5.25
35	MP2C	Z	-5.612	5.25
36	MP2C	Mx	-.007	5.25
37	MP3A	X	2.726	2.41
38	MP3A	Z	-1.574	2.41
39	MP3A	Mx	-.002	2.41
40	MP3A	X	2.726	3.41
41	MP3A	Z	-1.574	3.41
42	MP3A	Mx	-.002	3.41
43	MP3B	X	2.726	2.41
44	MP3B	Z	-1.574	2.41
45	MP3B	Mx	.002	2.41
46	MP3B	X	2.726	3.41
47	MP3B	Z	-1.574	3.41
48	MP3B	Mx	.002	3.41
49	MP3C	X	5.015	2.41
50	MP3C	Z	-2.895	2.41
51	MP3C	Mx	0	2.41
52	MP3C	X	5.015	3.41
53	MP3C	Z	-2.895	3.41
54	MP3C	Mx	0	3.41
55	MP2A	X	.607	2.5
56	MP2A	Z	-.35	2.5
57	MP2A	Mx	.000304	2.5
58	MP2B	X	.607	2.5
59	MP2B	Z	-.35	2.5
60	MP2B	Mx	-.000303	2.5
61	MP2C	X	.79	2.5
62	MP2C	Z	-.456	2.5
63	MP2C	Mx	0	2.5
64	MP3A	X	2.998	4
65	MP3A	Z	-1.731	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
66	MP3A	Mx	.001	4
67	MP3B	X	2.998	4
68	MP3B	Z	-1.731	4
69	MP3B	Mx	-.001	4
70	MP3C	X	3.99	4
71	MP3C	Z	-2.304	4
72	MP3C	Mx	0	4
73	MP2A	X	2.618	4
74	MP2A	Z	-1.511	4
75	MP2A	Mx	.001	4
76	MP2B	X	2.618	4
77	MP2B	Z	-1.511	4
78	MP2B	Mx	-.001	4
79	MP2C	X	3.99	4
80	MP2C	Z	-2.304	4
81	MP2C	Mx	0	4
82	MP1A	X	7.375	.67
83	MP1A	Z	-4.258	.67
84	MP1A	Mx	-.006	.67
85	MP1A	X	7.375	5.67
86	MP1A	Z	-4.258	5.67
87	MP1A	Mx	-.006	5.67
88	MP1B	X	7.375	.67
89	MP1B	Z	-4.258	.67
90	MP1B	Mx	.006	.67
91	MP1B	X	7.375	5.67
92	MP1B	Z	-4.258	5.67
93	MP1B	Mx	.006	5.67
94	MP1C	X	9.848	.67
95	MP1C	Z	-5.686	.67
96	MP1C	Mx	0	.67
97	MP1C	X	9.848	5.67
98	MP1C	Z	-5.686	5.67
99	MP1C	Mx	0	5.67
100	OVP	X	5.509	1
101	OVP	Z	-3.181	1
102	OVP	Mx	-.002	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	7.371	1.25
2	MP2A	Z	0	1.25
3	MP2A	Mx	-.006	1.25
4	MP2A	X	7.371	5.25
5	MP2A	Z	0	5.25
6	MP2A	Mx	-.006	5.25
7	MP2B	X	10.26	1.25
8	MP2B	Z	0	1.25
9	MP2B	Mx	-.002	1.25
10	MP2B	X	10.26	5.25
11	MP2B	Z	0	5.25
12	MP2B	Mx	-.002	5.25
13	MP2C	X	10.26	1.25
14	MP2C	Z	0	1.25
15	MP2C	Mx	.01	1.25
16	MP2C	X	10.26	5.25



Company : Maser Consulting  
 Designer : Mo  
 Job Number : Project No. 10046639  
 Model Name : 469377-VZW\_MT\_LO\_H

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
17	MP2C	Z	0	5.25
18	MP2C	Mx	.01	5.25
19	MP2A	X	7.371	1.25
20	MP2A	Z	0	1.25
21	MP2A	Mx	-.006	1.25
22	MP2A	X	7.371	5.25
23	MP2A	Z	0	5.25
24	MP2A	Mx	-.006	5.25
25	MP2B	X	10.26	1.25
26	MP2B	Z	0	1.25
27	MP2B	Mx	.01	1.25
28	MP2B	X	10.26	5.25
29	MP2B	Z	0	5.25
30	MP2B	Mx	.01	5.25
31	MP2C	X	10.26	1.25
32	MP2C	Z	0	1.25
33	MP2C	Mx	-.002	1.25
34	MP2C	X	10.26	5.25
35	MP2C	Z	0	5.25
36	MP2C	Mx	-.002	5.25
37	MP3A	X	2.267	2.41
38	MP3A	Z	0	2.41
39	MP3A	Mx	-.002	2.41
40	MP3A	X	2.267	3.41
41	MP3A	Z	0	3.41
42	MP3A	Mx	-.002	3.41
43	MP3B	X	4.909	2.41
44	MP3B	Z	0	2.41
45	MP3B	Mx	.002	2.41
46	MP3B	X	4.909	3.41
47	MP3B	Z	0	3.41
48	MP3B	Mx	.002	3.41
49	MP3C	X	4.909	2.41
50	MP3C	Z	0	2.41
51	MP3C	Mx	.002	2.41
52	MP3C	X	4.909	3.41
53	MP3C	Z	0	3.41
54	MP3C	Mx	.002	3.41
55	MP2A	X	.631	2.5
56	MP2A	Z	0	2.5
57	MP2A	Mx	.000316	2.5
58	MP2B	X	.841	2.5
59	MP2B	Z	0	2.5
60	MP2B	Mx	-.00021	2.5
61	MP2C	X	.841	2.5
62	MP2C	Z	0	2.5
63	MP2C	Mx	-.00021	2.5
64	MP3A	X	3.08	4
65	MP3A	Z	0	4
66	MP3A	Mx	.002	4
67	MP3B	X	4.226	4
68	MP3B	Z	0	4
69	MP3B	Mx	-.001	4
70	MP3C	X	4.226	4
71	MP3C	Z	0	4
72	MP3C	Mx	-.001	4
73	MP2A	X	2.495	4





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
74	MP2A	Z	0	4
75	MP2A	Mx	.001	4
76	MP2B	X	4.079	4
77	MP2B	Z	0	4
78	MP2B	Mx	-.001	4
79	MP2C	X	4.079	4
80	MP2C	Z	0	4
81	MP2C	Mx	-.001	4
82	MP1A	X	7.565	.67
83	MP1A	Z	0	.67
84	MP1A	Mx	-.006	.67
85	MP1A	X	7.565	5.67
86	MP1A	Z	0	5.67
87	MP1A	Mx	-.006	5.67
88	MP1B	X	10.419	.67
89	MP1B	Z	0	.67
90	MP1B	Mx	.004	.67
91	MP1B	X	10.419	5.67
92	MP1B	Z	0	5.67
93	MP1B	Mx	.004	5.67
94	MP1C	X	10.419	.67
95	MP1C	Z	0	.67
96	MP1C	Mx	.004	.67
97	MP1C	X	10.419	5.67
98	MP1C	Z	0	5.67
99	MP1C	Mx	.004	5.67
100	OVP	X	5.435	1
101	OVP	Z	0	1
102	OVP	Mx	0	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	7.218	1.25
2	MP2A	Z	4.167	1.25
3	MP2A	Mx	-.003	1.25
4	MP2A	X	7.218	5.25
5	MP2A	Z	4.167	5.25
6	MP2A	Mx	-.003	5.25
7	MP2B	X	9.72	1.25
8	MP2B	Z	5.612	1.25
9	MP2B	Mx	-.007	1.25
10	MP2B	X	9.72	5.25
11	MP2B	Z	5.612	5.25
12	MP2B	Mx	-.007	5.25
13	MP2C	X	7.218	1.25
14	MP2C	Z	4.167	1.25
15	MP2C	Mx	.008	1.25
16	MP2C	X	7.218	5.25
17	MP2C	Z	4.167	5.25
18	MP2C	Mx	.008	5.25
19	MP2A	X	7.218	1.25
20	MP2A	Z	4.167	1.25
21	MP2A	Mx	-.008	1.25
22	MP2A	X	7.218	5.25
23	MP2A	Z	4.167	5.25
24	MP2A	Mx	-.008	5.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
25	MP2B	X	9.72	1.25
26	MP2B	Z	5.612	1.25
27	MP2B	Mx	.007	1.25
28	MP2B	X	9.72	5.25
29	MP2B	Z	5.612	5.25
30	MP2B	Mx	.007	5.25
31	MP2C	X	7.218	1.25
32	MP2C	Z	4.167	1.25
33	MP2C	Mx	.003	1.25
34	MP2C	X	7.218	5.25
35	MP2C	Z	4.167	5.25
36	MP2C	Mx	.003	5.25
37	MP3A	X	2.726	2.41
38	MP3A	Z	1.574	2.41
39	MP3A	Mx	-.002	2.41
40	MP3A	X	2.726	3.41
41	MP3A	Z	1.574	3.41
42	MP3A	Mx	-.002	3.41
43	MP3B	X	5.015	2.41
44	MP3B	Z	2.895	2.41
45	MP3B	Mx	0	2.41
46	MP3B	X	5.015	3.41
47	MP3B	Z	2.895	3.41
48	MP3B	Mx	0	3.41
49	MP3C	X	2.726	2.41
50	MP3C	Z	1.574	2.41
51	MP3C	Mx	.002	2.41
52	MP3C	X	2.726	3.41
53	MP3C	Z	1.574	3.41
54	MP3C	Mx	.002	3.41
55	MP2A	X	.607	2.5
56	MP2A	Z	.35	2.5
57	MP2A	Mx	.000304	2.5
58	MP2B	X	.79	2.5
59	MP2B	Z	.456	2.5
60	MP2B	Mx	0	2.5
61	MP2C	X	.607	2.5
62	MP2C	Z	.35	2.5
63	MP2C	Mx	-.000303	2.5
64	MP3A	X	2.998	4
65	MP3A	Z	1.731	4
66	MP3A	Mx	.001	4
67	MP3B	X	3.99	4
68	MP3B	Z	2.304	4
69	MP3B	Mx	0	4
70	MP3C	X	2.998	4
71	MP3C	Z	1.731	4
72	MP3C	Mx	-.001	4
73	MP2A	X	2.618	4
74	MP2A	Z	1.511	4
75	MP2A	Mx	.001	4
76	MP2B	X	3.99	4
77	MP2B	Z	2.304	4
78	MP2B	Mx	0	4
79	MP2C	X	2.618	4
80	MP2C	Z	1.511	4
81	MP2C	Mx	-.001	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
82	MP1A	X	7.375	.67
83	MP1A	Z	4.258	.67
84	MP1A	Mx	-.006	.67
85	MP1A	X	7.375	5.67
86	MP1A	Z	4.258	5.67
87	MP1A	Mx	-.006	5.67
88	MP1B	X	9.848	.67
89	MP1B	Z	5.686	.67
90	MP1B	Mx	0	.67
91	MP1B	X	9.848	5.67
92	MP1B	Z	5.686	5.67
93	MP1B	Mx	0	5.67
94	MP1C	X	7.375	.67
95	MP1C	Z	4.258	.67
96	MP1C	Mx	.006	.67
97	MP1C	X	7.375	5.67
98	MP1C	Z	4.258	5.67
99	MP1C	Mx	.006	5.67
100	OVP	X	5.509	1
101	OVP	Z	3.181	1
102	OVP	Mx	.002	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	5.13	1.25
2	MP2A	Z	8.886	1.25
3	MP2A	Mx	.002	1.25
4	MP2A	X	5.13	5.25
5	MP2A	Z	8.886	5.25
6	MP2A	Mx	.002	5.25
7	MP2B	X	5.13	1.25
8	MP2B	Z	8.886	1.25
9	MP2B	Mx	-.01	1.25
10	MP2B	X	5.13	5.25
11	MP2B	Z	8.886	5.25
12	MP2B	Mx	-.01	5.25
13	MP2C	X	3.686	1.25
14	MP2C	Z	6.384	1.25
15	MP2C	Mx	.006	1.25
16	MP2C	X	3.686	5.25
17	MP2C	Z	6.384	5.25
18	MP2C	Mx	.006	5.25
19	MP2A	X	5.13	1.25
20	MP2A	Z	8.886	1.25
21	MP2A	Mx	-.01	1.25
22	MP2A	X	5.13	5.25
23	MP2A	Z	8.886	5.25
24	MP2A	Mx	-.01	5.25
25	MP2B	X	5.13	1.25
26	MP2B	Z	8.886	1.25
27	MP2B	Mx	.002	1.25
28	MP2B	X	5.13	5.25
29	MP2B	Z	8.886	5.25
30	MP2B	Mx	.002	5.25
31	MP2C	X	3.686	1.25
32	MP2C	Z	6.384	1.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
33	MP2C	Mx	.006	1.25
34	MP2C	X	3.686	5.25
35	MP2C	Z	6.384	5.25
36	MP2C	Mx	.006	5.25
37	MP3A	X	2.455	2.41
38	MP3A	Z	4.252	2.41
39	MP3A	Mx	-.002	2.41
40	MP3A	X	2.455	3.41
41	MP3A	Z	4.252	3.41
42	MP3A	Mx	-.002	3.41
43	MP3B	X	2.455	2.41
44	MP3B	Z	4.252	2.41
45	MP3B	Mx	-.002	2.41
46	MP3B	X	2.455	3.41
47	MP3B	Z	4.252	3.41
48	MP3B	Mx	-.002	3.41
49	MP3C	X	1.133	2.41
50	MP3C	Z	1.963	2.41
51	MP3C	Mx	.002	2.41
52	MP3C	X	1.133	3.41
53	MP3C	Z	1.963	3.41
54	MP3C	Mx	.002	3.41
55	MP2A	X	.421	2.5
56	MP2A	Z	.729	2.5
57	MP2A	Mx	.00021	2.5
58	MP2B	X	.421	2.5
59	MP2B	Z	.729	2.5
60	MP2B	Mx	.00021	2.5
61	MP2C	X	.315	2.5
62	MP2C	Z	.546	2.5
63	MP2C	Mx	-.000315	2.5
64	MP3A	X	2.113	4
65	MP3A	Z	3.66	4
66	MP3A	Mx	.001	4
67	MP3B	X	2.113	4
68	MP3B	Z	3.66	4
69	MP3B	Mx	.001	4
70	MP3C	X	1.54	4
71	MP3C	Z	2.667	4
72	MP3C	Mx	-.002	4
73	MP2A	X	2.04	4
74	MP2A	Z	3.533	4
75	MP2A	Mx	.001	4
76	MP2B	X	2.04	4
77	MP2B	Z	3.533	4
78	MP2B	Mx	.001	4
79	MP2C	X	1.247	4
80	MP2C	Z	2.161	4
81	MP2C	Mx	-.001	4
82	MP1A	X	5.21	.67
83	MP1A	Z	9.024	.67
84	MP1A	Mx	-.004	.67
85	MP1A	X	5.21	5.67
86	MP1A	Z	9.024	5.67
87	MP1A	Mx	-.004	5.67
88	MP1B	X	5.21	.67
89	MP1B	Z	9.024	.67



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
90	MP1B	Mx	-.004	.67
91	MP1B	X	5.21	5.67
92	MP1B	Z	9.024	5.67
93	MP1B	Mx	-.004	5.67
94	MP1C	X	3.782	.67
95	MP1C	Z	6.551	.67
96	MP1C	Mx	.006	.67
97	MP1C	X	3.782	5.67
98	MP1C	Z	6.551	5.67
99	MP1C	Mx	.006	5.67
100	OVP	X	4.107	1
101	OVP	Z	7.114	1
102	OVP	Mx	.004	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	0	1.25
2	MP2A	Z	11.223	1.25
3	MP2A	Mx	.007	1.25
4	MP2A	X	0	5.25
5	MP2A	Z	11.223	5.25
6	MP2A	Mx	.007	5.25
7	MP2B	X	0	1.25
8	MP2B	Z	8.334	1.25
9	MP2B	Mx	-.008	1.25
10	MP2B	X	0	5.25
11	MP2B	Z	8.334	5.25
12	MP2B	Mx	-.008	5.25
13	MP2C	X	0	1.25
14	MP2C	Z	8.334	1.25
15	MP2C	Mx	.003	1.25
16	MP2C	X	0	5.25
17	MP2C	Z	8.334	5.25
18	MP2C	Mx	.003	5.25
19	MP2A	X	0	1.25
20	MP2A	Z	11.223	1.25
21	MP2A	Mx	-.007	1.25
22	MP2A	X	0	5.25
23	MP2A	Z	11.223	5.25
24	MP2A	Mx	-.007	5.25
25	MP2B	X	0	1.25
26	MP2B	Z	8.334	1.25
27	MP2B	Mx	-.003	1.25
28	MP2B	X	0	5.25
29	MP2B	Z	8.334	5.25
30	MP2B	Mx	-.003	5.25
31	MP2C	X	0	1.25
32	MP2C	Z	8.334	1.25
33	MP2C	Mx	.008	1.25
34	MP2C	X	0	5.25
35	MP2C	Z	8.334	5.25
36	MP2C	Mx	.008	5.25
37	MP3A	X	0	2.41
38	MP3A	Z	5.79	2.41
39	MP3A	Mx	0	2.41
40	MP3A	X	0	3.41



Company : Maser Consulting  
 Designer : Mo  
 Job Number : Project No. 10046639  
 Model Name : 469377-VZW\_MT\_LO\_H

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
41	MP3A	Z	5.79	3.41
42	MP3A	Mx	0	3.41
43	MP3B	X	0	2.41
44	MP3B	Z	3.148	2.41
45	MP3B	Mx	-.002	2.41
46	MP3B	X	0	3.41
47	MP3B	Z	3.148	3.41
48	MP3B	Mx	-.002	3.41
49	MP3C	X	0	2.41
50	MP3C	Z	3.148	2.41
51	MP3C	Mx	.002	2.41
52	MP3C	X	0	3.41
53	MP3C	Z	3.148	3.41
54	MP3C	Mx	.002	3.41
55	MP2A	X	0	2.5
56	MP2A	Z	.912	2.5
57	MP2A	Mx	0	2.5
58	MP2B	X	0	2.5
59	MP2B	Z	.701	2.5
60	MP2B	Mx	.000304	2.5
61	MP2C	X	0	2.5
62	MP2C	Z	.701	2.5
63	MP2C	Mx	-.000304	2.5
64	MP3A	X	0	4
65	MP3A	Z	4.608	4
66	MP3A	Mx	0	4
67	MP3B	X	0	4
68	MP3B	Z	3.462	4
69	MP3B	Mx	.001	4
70	MP3C	X	0	4
71	MP3C	Z	3.462	4
72	MP3C	Mx	-.001	4
73	MP2A	X	0	4
74	MP2A	Z	4.608	4
75	MP2A	Mx	0	4
76	MP2B	X	0	4
77	MP2B	Z	3.023	4
78	MP2B	Mx	.001	4
79	MP2C	X	0	4
80	MP2C	Z	3.023	4
81	MP2C	Mx	-.001	4
82	MP1A	X	0	.67
83	MP1A	Z	11.371	.67
84	MP1A	Mx	0	.67
85	MP1A	X	0	5.67
86	MP1A	Z	11.371	5.67
87	MP1A	Mx	0	5.67
88	MP1B	X	0	.67
89	MP1B	Z	8.516	.67
90	MP1B	Mx	-.006	.67
91	MP1B	X	0	5.67
92	MP1B	Z	8.516	5.67
93	MP1B	Mx	-.006	5.67
94	MP1C	X	0	.67
95	MP1C	Z	8.516	.67
96	MP1C	Mx	.006	.67
97	MP1C	X	0	5.67



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
98	MP1C	Z	8.516	5.67
99	MP1C	Mx	.006	5.67
100	OVP	X	0	1
101	OVP	Z	9.141	1
102	OVP	Mx	.005	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-5.13	1.25
2	MP2A	Z	8.886	1.25
3	MP2A	Mx	.01	1.25
4	MP2A	X	-5.13	5.25
5	MP2A	Z	8.886	5.25
6	MP2A	Mx	.01	5.25
7	MP2B	X	-3.686	1.25
8	MP2B	Z	6.384	1.25
9	MP2B	Mx	-.006	1.25
10	MP2B	X	-3.686	5.25
11	MP2B	Z	6.384	5.25
12	MP2B	Mx	-.006	5.25
13	MP2C	X	-5.13	1.25
14	MP2C	Z	8.886	1.25
15	MP2C	Mx	-.002	1.25
16	MP2C	X	-5.13	5.25
17	MP2C	Z	8.886	5.25
18	MP2C	Mx	-.002	5.25
19	MP2A	X	-5.13	1.25
20	MP2A	Z	8.886	1.25
21	MP2A	Mx	-.002	1.25
22	MP2A	X	-5.13	5.25
23	MP2A	Z	8.886	5.25
24	MP2A	Mx	-.002	5.25
25	MP2B	X	-3.686	1.25
26	MP2B	Z	6.384	1.25
27	MP2B	Mx	-.006	1.25
28	MP2B	X	-3.686	5.25
29	MP2B	Z	6.384	5.25
30	MP2B	Mx	-.006	5.25
31	MP2C	X	-5.13	1.25
32	MP2C	Z	8.886	1.25
33	MP2C	Mx	.01	1.25
34	MP2C	X	-5.13	5.25
35	MP2C	Z	8.886	5.25
36	MP2C	Mx	.01	5.25
37	MP3A	X	-2.455	2.41
38	MP3A	Z	4.252	2.41
39	MP3A	Mx	.002	2.41
40	MP3A	X	-2.455	3.41
41	MP3A	Z	4.252	3.41
42	MP3A	Mx	.002	3.41
43	MP3B	X	-1.133	2.41
44	MP3B	Z	1.963	2.41
45	MP3B	Mx	-.002	2.41
46	MP3B	X	-1.133	3.41
47	MP3B	Z	1.963	3.41
48	MP3B	Mx	-.002	3.41



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
49	MP3C	X	-2.455	2.41
50	MP3C	Z	4.252	2.41
51	MP3C	Mx	.002	2.41
52	MP3C	X	-2.455	3.41
53	MP3C	Z	4.252	3.41
54	MP3C	Mx	.002	3.41
55	MP2A	X	-4.21	2.5
56	MP2A	Z	.729	2.5
57	MP2A	Mx	-.00021	2.5
58	MP2B	X	-.315	2.5
59	MP2B	Z	.546	2.5
60	MP2B	Mx	.000315	2.5
61	MP2C	X	-4.21	2.5
62	MP2C	Z	.729	2.5
63	MP2C	Mx	-.00021	2.5
64	MP3A	X	-2.113	4
65	MP3A	Z	3.66	4
66	MP3A	Mx	-.001	4
67	MP3B	X	-1.54	4
68	MP3B	Z	2.667	4
69	MP3B	Mx	.002	4
70	MP3C	X	-2.113	4
71	MP3C	Z	3.66	4
72	MP3C	Mx	-.001	4
73	MP2A	X	-2.04	4
74	MP2A	Z	3.533	4
75	MP2A	Mx	-.001	4
76	MP2B	X	-1.247	4
77	MP2B	Z	2.161	4
78	MP2B	Mx	.001	4
79	MP2C	X	-2.04	4
80	MP2C	Z	3.533	4
81	MP2C	Mx	-.001	4
82	MP1A	X	-5.21	.67
83	MP1A	Z	9.024	.67
84	MP1A	Mx	.004	.67
85	MP1A	X	-5.21	5.67
86	MP1A	Z	9.024	5.67
87	MP1A	Mx	.004	5.67
88	MP1B	X	-3.782	.67
89	MP1B	Z	6.551	.67
90	MP1B	Mx	-.006	.67
91	MP1B	X	-3.782	5.67
92	MP1B	Z	6.551	5.67
93	MP1B	Mx	-.006	5.67
94	MP1C	X	-5.21	.67
95	MP1C	Z	9.024	.67
96	MP1C	Mx	.004	.67
97	MP1C	X	-5.21	5.67
98	MP1C	Z	9.024	5.67
99	MP1C	Mx	.004	5.67
100	OVP	X	-4.107	1
101	OVP	Z	7.114	1
102	OVP	Mx	.004	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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**Member Point Loads (BLC 35 : Antenna Wm (240 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-7.218	1.25
2	MP2A	Z	4.167	1.25
3	MP2A	Mx	.008	1.25
4	MP2A	X	-7.218	5.25
5	MP2A	Z	4.167	5.25
6	MP2A	Mx	.008	5.25
7	MP2B	X	-7.218	1.25
8	MP2B	Z	4.167	1.25
9	MP2B	Mx	-.003	1.25
10	MP2B	X	-7.218	5.25
11	MP2B	Z	4.167	5.25
12	MP2B	Mx	-.003	5.25
13	MP2C	X	-9.72	1.25
14	MP2C	Z	5.612	1.25
15	MP2C	Mx	-.007	1.25
16	MP2C	X	-9.72	5.25
17	MP2C	Z	5.612	5.25
18	MP2C	Mx	-.007	5.25
19	MP2A	X	-7.218	1.25
20	MP2A	Z	4.167	1.25
21	MP2A	Mx	.003	1.25
22	MP2A	X	-7.218	5.25
23	MP2A	Z	4.167	5.25
24	MP2A	Mx	.003	5.25
25	MP2B	X	-7.218	1.25
26	MP2B	Z	4.167	1.25
27	MP2B	Mx	-.008	1.25
28	MP2B	X	-7.218	5.25
29	MP2B	Z	4.167	5.25
30	MP2B	Mx	-.008	5.25
31	MP2C	X	-9.72	1.25
32	MP2C	Z	5.612	1.25
33	MP2C	Mx	.007	1.25
34	MP2C	X	-9.72	5.25
35	MP2C	Z	5.612	5.25
36	MP2C	Mx	.007	5.25
37	MP3A	X	-2.726	2.41
38	MP3A	Z	1.574	2.41
39	MP3A	Mx	.002	2.41
40	MP3A	X	-2.726	3.41
41	MP3A	Z	1.574	3.41
42	MP3A	Mx	.002	3.41
43	MP3B	X	-2.726	2.41
44	MP3B	Z	1.574	2.41
45	MP3B	Mx	-.002	2.41
46	MP3B	X	-2.726	3.41
47	MP3B	Z	1.574	3.41
48	MP3B	Mx	-.002	3.41
49	MP3C	X	-5.015	2.41
50	MP3C	Z	2.895	2.41
51	MP3C	Mx	0	2.41
52	MP3C	X	-5.015	3.41
53	MP3C	Z	2.895	3.41
54	MP3C	Mx	0	3.41
55	MP2A	X	-.607	2.5
56	MP2A	Z	.35	2.5
57	MP2A	Mx	-.000304	2.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP2B	X	- .607	2.5
59	MP2B	Z	.35	2.5
60	MP2B	Mx	.000303	2.5
61	MP2C	X	-.79	2.5
62	MP2C	Z	.456	2.5
63	MP2C	Mx	0	2.5
64	MP3A	X	-2.998	4
65	MP3A	Z	1.731	4
66	MP3A	Mx	-.001	4
67	MP3B	X	-2.998	4
68	MP3B	Z	1.731	4
69	MP3B	Mx	.001	4
70	MP3C	X	-3.99	4
71	MP3C	Z	2.304	4
72	MP3C	Mx	0	4
73	MP2A	X	-2.618	4
74	MP2A	Z	1.511	4
75	MP2A	Mx	-.001	4
76	MP2B	X	-2.618	4
77	MP2B	Z	1.511	4
78	MP2B	Mx	.001	4
79	MP2C	X	-3.99	4
80	MP2C	Z	2.304	4
81	MP2C	Mx	0	4
82	MP1A	X	-7.375	.67
83	MP1A	Z	4.258	.67
84	MP1A	Mx	.006	.67
85	MP1A	X	-7.375	5.67
86	MP1A	Z	4.258	5.67
87	MP1A	Mx	.006	5.67
88	MP1B	X	-7.375	.67
89	MP1B	Z	4.258	.67
90	MP1B	Mx	-.006	.67
91	MP1B	X	-7.375	5.67
92	MP1B	Z	4.258	5.67
93	MP1B	Mx	-.006	5.67
94	MP1C	X	-9.848	.67
95	MP1C	Z	5.686	.67
96	MP1C	Mx	0	.67
97	MP1C	X	-9.848	5.67
98	MP1C	Z	5.686	5.67
99	MP1C	Mx	0	5.67
100	OVP	X	-5.509	1
101	OVP	Z	3.181	1
102	OVP	Mx	.002	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-7.371	1.25
2	MP2A	Z	0	1.25
3	MP2A	Mx	.006	1.25
4	MP2A	X	-7.371	5.25
5	MP2A	Z	0	5.25
6	MP2A	Mx	.006	5.25
7	MP2B	X	-10.26	1.25
8	MP2B	Z	0	1.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
9	MP2B	Mx	.002	1.25
10	MP2B	X	-10.26	5.25
11	MP2B	Z	0	5.25
12	MP2B	Mx	.002	5.25
13	MP2C	X	-10.26	1.25
14	MP2C	Z	0	1.25
15	MP2C	Mx	-.01	1.25
16	MP2C	X	-10.26	5.25
17	MP2C	Z	0	5.25
18	MP2C	Mx	-.01	5.25
19	MP2A	X	-7.371	1.25
20	MP2A	Z	0	1.25
21	MP2A	Mx	.006	1.25
22	MP2A	X	-7.371	5.25
23	MP2A	Z	0	5.25
24	MP2A	Mx	.006	5.25
25	MP2B	X	-10.26	1.25
26	MP2B	Z	0	1.25
27	MP2B	Mx	-.01	1.25
28	MP2B	X	-10.26	5.25
29	MP2B	Z	0	5.25
30	MP2B	Mx	-.01	5.25
31	MP2C	X	-10.26	1.25
32	MP2C	Z	0	1.25
33	MP2C	Mx	.002	1.25
34	MP2C	X	-10.26	5.25
35	MP2C	Z	0	5.25
36	MP2C	Mx	.002	5.25
37	MP3A	X	-2.267	2.41
38	MP3A	Z	0	2.41
39	MP3A	Mx	.002	2.41
40	MP3A	X	-2.267	3.41
41	MP3A	Z	0	3.41
42	MP3A	Mx	.002	3.41
43	MP3B	X	-4.909	2.41
44	MP3B	Z	0	2.41
45	MP3B	Mx	-.002	2.41
46	MP3B	X	-4.909	3.41
47	MP3B	Z	0	3.41
48	MP3B	Mx	-.002	3.41
49	MP3C	X	-4.909	2.41
50	MP3C	Z	0	2.41
51	MP3C	Mx	-.002	2.41
52	MP3C	X	-4.909	3.41
53	MP3C	Z	0	3.41
54	MP3C	Mx	-.002	3.41
55	MP2A	X	-.631	2.5
56	MP2A	Z	0	2.5
57	MP2A	Mx	-.000316	2.5
58	MP2B	X	-.841	2.5
59	MP2B	Z	0	2.5
60	MP2B	Mx	.00021	2.5
61	MP2C	X	-.841	2.5
62	MP2C	Z	0	2.5
63	MP2C	Mx	.00021	2.5
64	MP3A	X	-3.08	4
65	MP3A	Z	0	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
66	MP3A	Mx	-.002	4
67	MP3B	X	-4.226	4
68	MP3B	Z	0	4
69	MP3B	Mx	.001	4
70	MP3C	X	-4.226	4
71	MP3C	Z	0	4
72	MP3C	Mx	.001	4
73	MP2A	X	-2.495	4
74	MP2A	Z	0	4
75	MP2A	Mx	-.001	4
76	MP2B	X	-4.079	4
77	MP2B	Z	0	4
78	MP2B	Mx	.001	4
79	MP2C	X	-4.079	4
80	MP2C	Z	0	4
81	MP2C	Mx	.001	4
82	MP1A	X	-7.565	.67
83	MP1A	Z	0	.67
84	MP1A	Mx	.006	.67
85	MP1A	X	-7.565	5.67
86	MP1A	Z	0	5.67
87	MP1A	Mx	.006	5.67
88	MP1B	X	-10.419	.67
89	MP1B	Z	0	.67
90	MP1B	Mx	-.004	.67
91	MP1B	X	-10.419	5.67
92	MP1B	Z	0	5.67
93	MP1B	Mx	-.004	5.67
94	MP1C	X	-10.419	.67
95	MP1C	Z	0	.67
96	MP1C	Mx	-.004	.67
97	MP1C	X	-10.419	5.67
98	MP1C	Z	0	5.67
99	MP1C	Mx	-.004	5.67
100	OVP	X	-5.435	1
101	OVP	Z	0	1
102	OVP	Mx	0	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-7.218	1.25
2	MP2A	Z	-4.167	1.25
3	MP2A	Mx	.003	1.25
4	MP2A	X	-7.218	5.25
5	MP2A	Z	-4.167	5.25
6	MP2A	Mx	.003	5.25
7	MP2B	X	-9.72	1.25
8	MP2B	Z	-5.612	1.25
9	MP2B	Mx	.007	1.25
10	MP2B	X	-9.72	5.25
11	MP2B	Z	-5.612	5.25
12	MP2B	Mx	.007	5.25
13	MP2C	X	-7.218	1.25
14	MP2C	Z	-4.167	1.25
15	MP2C	Mx	-.008	1.25
16	MP2C	X	-7.218	5.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
17	MP2C	Z	-4.167	5.25
18	MP2C	Mx	-0.008	5.25
19	MP2A	X	-7.218	1.25
20	MP2A	Z	-4.167	1.25
21	MP2A	Mx	.008	1.25
22	MP2A	X	-7.218	5.25
23	MP2A	Z	-4.167	5.25
24	MP2A	Mx	.008	5.25
25	MP2B	X	-9.72	1.25
26	MP2B	Z	-5.612	1.25
27	MP2B	Mx	-.007	1.25
28	MP2B	X	-9.72	5.25
29	MP2B	Z	-5.612	5.25
30	MP2B	Mx	-.007	5.25
31	MP2C	X	-7.218	1.25
32	MP2C	Z	-4.167	1.25
33	MP2C	Mx	-.003	1.25
34	MP2C	X	-7.218	5.25
35	MP2C	Z	-4.167	5.25
36	MP2C	Mx	-.003	5.25
37	MP3A	X	-2.726	2.41
38	MP3A	Z	-1.574	2.41
39	MP3A	Mx	.002	2.41
40	MP3A	X	-2.726	3.41
41	MP3A	Z	-1.574	3.41
42	MP3A	Mx	.002	3.41
43	MP3B	X	-5.015	2.41
44	MP3B	Z	-2.895	2.41
45	MP3B	Mx	0	2.41
46	MP3B	X	-5.015	3.41
47	MP3B	Z	-2.895	3.41
48	MP3B	Mx	0	3.41
49	MP3C	X	-2.726	2.41
50	MP3C	Z	-1.574	2.41
51	MP3C	Mx	-.002	2.41
52	MP3C	X	-2.726	3.41
53	MP3C	Z	-1.574	3.41
54	MP3C	Mx	-.002	3.41
55	MP2A	X	-.607	2.5
56	MP2A	Z	-.35	2.5
57	MP2A	Mx	-.000304	2.5
58	MP2B	X	-.79	2.5
59	MP2B	Z	-.456	2.5
60	MP2B	Mx	0	2.5
61	MP2C	X	-.607	2.5
62	MP2C	Z	-.35	2.5
63	MP2C	Mx	.000303	2.5
64	MP3A	X	-2.998	4
65	MP3A	Z	-1.731	4
66	MP3A	Mx	-.001	4
67	MP3B	X	-3.99	4
68	MP3B	Z	-2.304	4
69	MP3B	Mx	0	4
70	MP3C	X	-2.998	4
71	MP3C	Z	-1.731	4
72	MP3C	Mx	.001	4
73	MP2A	X	-2.618	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
74	MP2A	Z	-1.511	4
75	MP2A	Mx	-0.01	4
76	MP2B	X	-3.99	4
77	MP2B	Z	-2.304	4
78	MP2B	Mx	0	4
79	MP2C	X	-2.618	4
80	MP2C	Z	-1.511	4
81	MP2C	Mx	.001	4
82	MP1A	X	-7.375	.67
83	MP1A	Z	-4.258	.67
84	MP1A	Mx	.006	.67
85	MP1A	X	-7.375	5.67
86	MP1A	Z	-4.258	5.67
87	MP1A	Mx	.006	5.67
88	MP1B	X	-9.848	.67
89	MP1B	Z	-5.686	.67
90	MP1B	Mx	0	.67
91	MP1B	X	-9.848	5.67
92	MP1B	Z	-5.686	5.67
93	MP1B	Mx	0	5.67
94	MP1C	X	-7.375	.67
95	MP1C	Z	-4.258	.67
96	MP1C	Mx	-.006	.67
97	MP1C	X	-7.375	5.67
98	MP1C	Z	-4.258	5.67
99	MP1C	Mx	-.006	5.67
100	OVP	X	-5.509	1
101	OVP	Z	-3.181	1
102	OVP	Mx	-.002	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-5.13	1.25
2	MP2A	Z	-8.886	1.25
3	MP2A	Mx	-.002	1.25
4	MP2A	X	-5.13	5.25
5	MP2A	Z	-8.886	5.25
6	MP2A	Mx	-.002	5.25
7	MP2B	X	-5.13	1.25
8	MP2B	Z	-8.886	1.25
9	MP2B	Mx	.01	1.25
10	MP2B	X	-5.13	5.25
11	MP2B	Z	-8.886	5.25
12	MP2B	Mx	.01	5.25
13	MP2C	X	-3.686	1.25
14	MP2C	Z	-6.384	1.25
15	MP2C	Mx	-.006	1.25
16	MP2C	X	-3.686	5.25
17	MP2C	Z	-6.384	5.25
18	MP2C	Mx	-.006	5.25
19	MP2A	X	-5.13	1.25
20	MP2A	Z	-8.886	1.25
21	MP2A	Mx	.01	1.25
22	MP2A	X	-5.13	5.25
23	MP2A	Z	-8.886	5.25
24	MP2A	Mx	.01	5.25



Company : Maser Consulting  
 Designer : Mo  
 Job Number : Project No. 10046639  
 Model Name : 469377-VZW\_MT\_LO\_H

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
25	MP2B	X	-5.13	1.25
26	MP2B	Z	-8.886	1.25
27	MP2B	Mx	-.002	1.25
28	MP2B	X	-5.13	5.25
29	MP2B	Z	-8.886	5.25
30	MP2B	Mx	-.002	5.25
31	MP2C	X	-3.686	1.25
32	MP2C	Z	-6.384	1.25
33	MP2C	Mx	-.006	1.25
34	MP2C	X	-3.686	5.25
35	MP2C	Z	-6.384	5.25
36	MP2C	Mx	-.006	5.25
37	MP3A	X	-2.455	2.41
38	MP3A	Z	-4.252	2.41
39	MP3A	Mx	.002	2.41
40	MP3A	X	-2.455	3.41
41	MP3A	Z	-4.252	3.41
42	MP3A	Mx	.002	3.41
43	MP3B	X	-2.455	2.41
44	MP3B	Z	-4.252	2.41
45	MP3B	Mx	.002	2.41
46	MP3B	X	-2.455	3.41
47	MP3B	Z	-4.252	3.41
48	MP3B	Mx	.002	3.41
49	MP3C	X	-1.133	2.41
50	MP3C	Z	-1.963	2.41
51	MP3C	Mx	-.002	2.41
52	MP3C	X	-1.133	3.41
53	MP3C	Z	-1.963	3.41
54	MP3C	Mx	-.002	3.41
55	MP2A	X	-.421	2.5
56	MP2A	Z	-.729	2.5
57	MP2A	Mx	-.00021	2.5
58	MP2B	X	-.421	2.5
59	MP2B	Z	-.729	2.5
60	MP2B	Mx	-.00021	2.5
61	MP2C	X	-.315	2.5
62	MP2C	Z	-.546	2.5
63	MP2C	Mx	.000315	2.5
64	MP3A	X	-2.113	4
65	MP3A	Z	-3.66	4
66	MP3A	Mx	-.001	4
67	MP3B	X	-2.113	4
68	MP3B	Z	-3.66	4
69	MP3B	Mx	-.001	4
70	MP3C	X	-1.54	4
71	MP3C	Z	-2.667	4
72	MP3C	Mx	.002	4
73	MP2A	X	-2.04	4
74	MP2A	Z	-3.533	4
75	MP2A	Mx	-.001	4
76	MP2B	X	-2.04	4
77	MP2B	Z	-3.533	4
78	MP2B	Mx	-.001	4
79	MP2C	X	-1.247	4
80	MP2C	Z	-2.161	4
81	MP2C	Mx	.001	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
82	MP1A	X	-5.21	.67
83	MP1A	Z	-9.024	.67
84	MP1A	Mx	.004	.67
85	MP1A	X	-5.21	5.67
86	MP1A	Z	-9.024	5.67
87	MP1A	Mx	.004	5.67
88	MP1B	X	-5.21	.67
89	MP1B	Z	-9.024	.67
90	MP1B	Mx	.004	.67
91	MP1B	X	-5.21	5.67
92	MP1B	Z	-9.024	5.67
93	MP1B	Mx	.004	5.67
94	MP1C	X	-3.782	.67
95	MP1C	Z	-6.551	.67
96	MP1C	Mx	-.006	.67
97	MP1C	X	-3.782	5.67
98	MP1C	Z	-6.551	5.67
99	MP1C	Mx	-.006	5.67
100	OVP	X	-4.107	1
101	OVP	Z	-7.114	1
102	OVP	Mx	-.004	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	M7A	Y	-500	%35

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	M7A	Y	-500	%64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	M7A	Y	-250	0

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	M7A	Y	-250	%50

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

	Member Label	Direction	Start Magnitude[lb/ft. ....]	End Magnitude[lb/ft. ....]	Start Location[ft.-%]	End Location[ft.-%]
1	M1	Y	-9.309	-9.309	0	%100
2	M2	Y	-10.28	-10.28	0	%100
3	M5	Y	-9.781	-9.781	0	%100
4	M6	Y	-9.781	-9.781	0	%100
5	M7	Y	-9.781	-9.781	0	%100
6	M6A	Y	-7.368	-7.368	0	%100
7	M7A	Y	-7.368	-7.368	0	%100
8	M23A	Y	-7.368	-7.368	0	%100
9	M24	Y	-7.368	-7.368	0	%100
10	M39A	Y	-7.368	-7.368	0	%100
11	M40	Y	-7.368	-7.368	0	%100
12	M55	Y	-10.28	-10.28	0	%100
13	M56	Y	-10.28	-10.28	0	%100





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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
14	M74A	Y	-9.309	-9.309	0	%100
15	M75A	Y	-9.309	-9.309	0	%100
16	MP4A	Y	-4.804	-4.804	0	%100
17	MP3A	Y	-4.804	-4.804	0	%100
18	MP2A	Y	-4.804	-4.804	0	%100
19	MP1A	Y	-4.804	-4.804	0	%100
20	MP4C	Y	-4.804	-4.804	0	%100
21	MP3C	Y	-4.804	-4.804	0	%100
22	MP2C	Y	-4.804	-4.804	0	%100
23	MP1C	Y	-4.804	-4.804	0	%100
24	MP4B	Y	-4.804	-4.804	0	%100
25	MP3B	Y	-4.804	-4.804	0	%100
26	MP2B	Y	-4.804	-4.804	0	%100
27	MP1B	Y	-4.804	-4.804	0	%100
28	M46	Y	-5.49	-5.49	0	%100
29	M51	Y	-5.49	-5.49	0	%100
30	M56A	Y	-5.49	-5.49	0	%100
31	M67	Y	-7.368	-7.368	0	%100
32	M68	Y	-7.368	-7.368	0	%100
33	M69	Y	-7.368	-7.368	0	%100
34	M70	Y	-6.397	-6.397	0	%100
35	M71	Y	-6.397	-6.397	0	%100
36	M72	Y	-6.397	-6.397	0	%100
37	M73	Y	-6.397	-6.397	0	%100
38	M74	Y	-6.397	-6.397	0	%100
39	M75	Y	-6.397	-6.397	0	%100
40	OVP	Y	-4.804	-4.804	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	-12.467	-12.467	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	-12.467	-12.467	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	-19.712	-19.712	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	-19.712	-19.712	0	%100
15	M23A	X	0	0	0	%100
16	M23A	Z	-4.928	-4.928	0	%100
17	M24	X	0	0	0	%100
18	M24	Z	-4.928	-4.928	0	%100
19	M39A	X	0	0	0	%100
20	M39A	Z	-4.928	-4.928	0	%100
21	M40	X	0	0	0	%100
22	M40	Z	-4.928	-4.928	0	%100
23	M55	X	0	0	0	%100
24	M55	Z	-10.977	-10.977	0	%100
25	M56	X	0	0	0	%100
26	M56	Z	-10.977	-10.977	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
27	M74A	X	0	0	0	%100
28	M74A	Z	-8.487	-8.487	0	%100
29	M75A	X	0	0	0	%100
30	M75A	Z	-8.487	-8.487	0	%100
31	MP4A	X	0	0	0	%100
32	MP4A	Z	-9.363	-9.363	0	%100
33	MP3A	X	0	0	0	%100
34	MP3A	Z	-9.363	-9.363	0	%100
35	MP2A	X	0	0	0	%100
36	MP2A	Z	-9.363	-9.363	0	%100
37	MP1A	X	0	0	0	%100
38	MP1A	Z	-9.363	-9.363	0	%100
39	MP4C	X	0	0	0	%100
40	MP4C	Z	-9.363	-9.363	0	%100
41	MP3C	X	0	0	0	%100
42	MP3C	Z	-9.363	-9.363	0	%100
43	MP2C	X	0	0	0	%100
44	MP2C	Z	-9.363	-9.363	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	-9.363	-9.363	0	%100
47	MP4B	X	0	0	0	%100
48	MP4B	Z	-9.363	-9.363	0	%100
49	MP3B	X	0	0	0	%100
50	MP3B	Z	-9.363	-9.363	0	%100
51	MP2B	X	0	0	0	%100
52	MP2B	Z	-9.363	-9.363	0	%100
53	MP1B	X	0	0	0	%100
54	MP1B	Z	-9.363	-9.363	0	%100
55	M46	X	0	0	0	%100
56	M46	Z	-11.334	-11.334	0	%100
57	M51	X	0	0	0	%100
58	M51	Z	-2.834	-2.834	0	%100
59	M56A	X	0	0	0	%100
60	M56A	Z	-2.834	-2.834	0	%100
61	M67	X	0	0	0	%100
62	M67	Z	-3.178	-3.178	0	%100
63	M68	X	0	0	0	%100
64	M68	Z	-4.273	-4.273	0	%100
65	M69	X	0	0	0	%100
66	M69	Z	-14.82	-14.82	0	%100
67	M70	X	0	0	0	%100
68	M70	Z	-8.038	-8.038	0	%100
69	M71	X	0	0	0	%100
70	M71	Z	-8.038	-8.038	0	%100
71	M72	X	0	0	0	%100
72	M72	Z	-14.968	-14.968	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	-3.583	-3.583	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	-3.583	-3.583	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	-14.968	-14.968	0	%100
79	OVP	X	0	0	0	%100
80	OVP	Z	-7.656	-7.656	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
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Company : Maser Consulting  
 Designer : Mo  
 Job Number : Project No. 10046639  
 Model Name : 469377-VZW\_MT\_LO\_H

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	1.415	1.415	0	%100
2	M1	Z	-2.45	-2.45	0	%100
3	M2	X	1.829	1.829	0	%100
4	M2	Z	-3.169	-3.169	0	%100
5	M5	X	2.078	2.078	0	%100
6	M5	Z	-3.599	-3.599	0	%100
7	M6	X	2.078	2.078	0	%100
8	M6	Z	-3.599	-3.599	0	%100
9	M7	X	8.311	8.311	0	%100
10	M7	Z	-14.395	-14.395	0	%100
11	M6A	X	7.392	7.392	0	%100
12	M6A	Z	-12.803	-12.803	0	%100
13	M7A	X	7.392	7.392	0	%100
14	M7A	Z	-12.803	-12.803	0	%100
15	M23A	X	7.392	7.392	0	%100
16	M23A	Z	-12.803	-12.803	0	%100
17	M24	X	7.392	7.392	0	%100
18	M24	Z	-12.803	-12.803	0	%100
19	M39A	X	0	0	0	%100
20	M39A	Z	0	0	0	%100
21	M40	X	0	0	0	%100
22	M40	Z	0	0	0	%100
23	M55	X	1.829	1.829	0	%100
24	M55	Z	-3.169	-3.169	0	%100
25	M56	X	7.318	7.318	0	%100
26	M56	Z	-12.675	-12.675	0	%100
27	M74A	X	1.415	1.415	0	%100
28	M74A	Z	-2.45	-2.45	0	%100
29	M75A	X	5.658	5.658	0	%100
30	M75A	Z	-9.8	-9.8	0	%100
31	MP4A	X	4.682	4.682	0	%100
32	MP4A	Z	-8.109	-8.109	0	%100
33	MP3A	X	4.682	4.682	0	%100
34	MP3A	Z	-8.109	-8.109	0	%100
35	MP2A	X	4.682	4.682	0	%100
36	MP2A	Z	-8.109	-8.109	0	%100
37	MP1A	X	4.682	4.682	0	%100
38	MP1A	Z	-8.109	-8.109	0	%100
39	MP4C	X	4.682	4.682	0	%100
40	MP4C	Z	-8.109	-8.109	0	%100
41	MP3C	X	4.682	4.682	0	%100
42	MP3C	Z	-8.109	-8.109	0	%100
43	MP2C	X	4.682	4.682	0	%100
44	MP2C	Z	-8.109	-8.109	0	%100
45	MP1C	X	4.682	4.682	0	%100
46	MP1C	Z	-8.109	-8.109	0	%100
47	MP4B	X	4.682	4.682	0	%100
48	MP4B	Z	-8.109	-8.109	0	%100
49	MP3B	X	4.682	4.682	0	%100
50	MP3B	Z	-8.109	-8.109	0	%100
51	MP2B	X	4.682	4.682	0	%100
52	MP2B	Z	-8.109	-8.109	0	%100
53	MP1B	X	4.682	4.682	0	%100
54	MP1B	Z	-8.109	-8.109	0	%100
55	M46	X	4.25	4.25	0	%100
56	M46	Z	-7.362	-7.362	0	%100
57	M51	X	4.25	4.25	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
58	M51	Z	-7.362	-7.362	0	%100
59	M56A	X	0	0	0	%100
60	M56A	Z	0	0	0	%100
61	M67	X	5.287	5.287	0	%100
62	M67	Z	-9.157	-9.157	0	%100
63	M68	X	.013	.013	0	%100
64	M68	Z	-.023	-.023	0	%100
65	M69	X	5.835	5.835	0	%100
66	M69	Z	-10.106	-10.106	0	%100
67	M70	X	1.379	1.379	0	%100
68	M70	Z	-2.388	-2.388	0	%100
69	M71	X	7.071	7.071	0	%100
70	M71	Z	-12.248	-12.248	0	%100
71	M72	X	7.071	7.071	0	%100
72	M72	Z	-12.248	-12.248	0	%100
73	M73	X	1.379	1.379	0	%100
74	M73	Z	-2.388	-2.388	0	%100
75	M74	X	4.844	4.844	0	%100
76	M74	Z	-8.39	-8.39	0	%100
77	M75	X	4.844	4.844	0	%100
78	M75	Z	-8.39	-8.39	0	%100
79	OVP	X	3.828	3.828	0	%100
80	OVP	Z	-6.631	-6.631	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	7.35	7.35	0	%100
2	M1	Z	-4.244	-4.244	0	%100
3	M2	X	9.506	9.506	0	%100
4	M2	Z	-5.488	-5.488	0	%100
5	M5	X	10.797	10.797	0	%100
6	M5	Z	-6.233	-6.233	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	10.797	10.797	0	%100
10	M7	Z	-6.233	-6.233	0	%100
11	M6A	X	4.268	4.268	0	%100
12	M6A	Z	-2.464	-2.464	0	%100
13	M7A	X	4.268	4.268	0	%100
14	M7A	Z	-2.464	-2.464	0	%100
15	M23A	X	17.071	17.071	0	%100
16	M23A	Z	-9.856	-9.856	0	%100
17	M24	X	17.071	17.071	0	%100
18	M24	Z	-9.856	-9.856	0	%100
19	M39A	X	4.268	4.268	0	%100
20	M39A	Z	-2.464	-2.464	0	%100
21	M40	X	4.268	4.268	0	%100
22	M40	Z	-2.464	-2.464	0	%100
23	M55	X	0	0	0	%100
24	M55	Z	0	0	0	%100
25	M56	X	9.506	9.506	0	%100
26	M56	Z	-5.488	-5.488	0	%100
27	M74A	X	0	0	0	%100
28	M74A	Z	0	0	0	%100
29	M75A	X	7.35	7.35	0	%100
30	M75A	Z	-4.244	-4.244	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
31	MP4A	X	8.109	8.109	0	%100
32	MP4A	Z	-4.682	-4.682	0	%100
33	MP3A	X	8.109	8.109	0	%100
34	MP3A	Z	-4.682	-4.682	0	%100
35	MP2A	X	8.109	8.109	0	%100
36	MP2A	Z	-4.682	-4.682	0	%100
37	MP1A	X	8.109	8.109	0	%100
38	MP1A	Z	-4.682	-4.682	0	%100
39	MP4C	X	8.109	8.109	0	%100
40	MP4C	Z	-4.682	-4.682	0	%100
41	MP3C	X	8.109	8.109	0	%100
42	MP3C	Z	-4.682	-4.682	0	%100
43	MP2C	X	8.109	8.109	0	%100
44	MP2C	Z	-4.682	-4.682	0	%100
45	MP1C	X	8.109	8.109	0	%100
46	MP1C	Z	-4.682	-4.682	0	%100
47	MP4B	X	8.109	8.109	0	%100
48	MP4B	Z	-4.682	-4.682	0	%100
49	MP3B	X	8.109	8.109	0	%100
50	MP3B	Z	-4.682	-4.682	0	%100
51	MP2B	X	8.109	8.109	0	%100
52	MP2B	Z	-4.682	-4.682	0	%100
53	MP1B	X	8.109	8.109	0	%100
54	MP1B	Z	-4.682	-4.682	0	%100
55	M46	X	2.454	2.454	0	%100
56	M46	Z	-1.417	-1.417	0	%100
57	M51	X	9.816	9.816	0	%100
58	M51	Z	-5.667	-5.667	0	%100
59	M56A	X	2.454	2.454	0	%100
60	M56A	Z	-1.417	-1.417	0	%100
61	M67	X	12.835	12.835	0	%100
62	M67	Z	-7.41	-7.41	0	%100
63	M68	X	2.752	2.752	0	%100
64	M68	Z	-1.589	-1.589	0	%100
65	M69	X	3.701	3.701	0	%100
66	M69	Z	-2.137	-2.137	0	%100
67	M70	X	3.103	3.103	0	%100
68	M70	Z	-1.791	-1.791	0	%100
69	M71	X	12.962	12.962	0	%100
70	M71	Z	-7.484	-7.484	0	%100
71	M72	X	6.961	6.961	0	%100
72	M72	Z	-4.019	-4.019	0	%100
73	M73	X	6.961	6.961	0	%100
74	M73	Z	-4.019	-4.019	0	%100
75	M74	X	12.962	12.962	0	%100
76	M74	Z	-7.484	-7.484	0	%100
77	M75	X	3.103	3.103	0	%100
78	M75	Z	-1.791	-1.791	0	%100
79	OVP	X	6.631	6.631	0	%100
80	OVP	Z	-3.828	-3.828	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	11.316	11.316	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	14.636	14.636	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]	
4	M2	Z	0	0	0	%100
5	M5	X	16.622	16.622	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	4.156	4.156	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	4.156	4.156	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	0	0	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	0	0	0	%100
15	M23A	X	14.784	14.784	0	%100
16	M23A	Z	0	0	0	%100
17	M24	X	14.784	14.784	0	%100
18	M24	Z	0	0	0	%100
19	M39A	X	14.784	14.784	0	%100
20	M39A	Z	0	0	0	%100
21	M40	X	14.784	14.784	0	%100
22	M40	Z	0	0	0	%100
23	M55	X	3.659	3.659	0	%100
24	M55	Z	0	0	0	%100
25	M56	X	3.659	3.659	0	%100
26	M56	Z	0	0	0	%100
27	M74A	X	2.829	2.829	0	%100
28	M74A	Z	0	0	0	%100
29	M75A	X	2.829	2.829	0	%100
30	M75A	Z	0	0	0	%100
31	MP4A	X	9.363	9.363	0	%100
32	MP4A	Z	0	0	0	%100
33	MP3A	X	9.363	9.363	0	%100
34	MP3A	Z	0	0	0	%100
35	MP2A	X	9.363	9.363	0	%100
36	MP2A	Z	0	0	0	%100
37	MP1A	X	9.363	9.363	0	%100
38	MP1A	Z	0	0	0	%100
39	MP4C	X	9.363	9.363	0	%100
40	MP4C	Z	0	0	0	%100
41	MP3C	X	9.363	9.363	0	%100
42	MP3C	Z	0	0	0	%100
43	MP2C	X	9.363	9.363	0	%100
44	MP2C	Z	0	0	0	%100
45	MP1C	X	9.363	9.363	0	%100
46	MP1C	Z	0	0	0	%100
47	MP4B	X	9.363	9.363	0	%100
48	MP4B	Z	0	0	0	%100
49	MP3B	X	9.363	9.363	0	%100
50	MP3B	Z	0	0	0	%100
51	MP2B	X	9.363	9.363	0	%100
52	MP2B	Z	0	0	0	%100
53	MP1B	X	9.363	9.363	0	%100
54	MP1B	Z	0	0	0	%100
55	M46	X	0	0	0	%100
56	M46	Z	0	0	0	%100
57	M51	X	8.501	8.501	0	%100
58	M51	Z	0	0	0	%100
59	M56A	X	8.501	8.501	0	%100
60	M56A	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
61	M67	X	11.67	11.67	0	%100
62	M67	Z	0	0	0	%100
63	M68	X	10.574	10.574	0	%100
64	M68	Z	0	0	0	%100
65	M69	X	.027	.027	0	%100
66	M69	Z	0	0	0	%100
67	M70	X	9.688	9.688	0	%100
68	M70	Z	0	0	0	%100
69	M71	X	9.688	9.688	0	%100
70	M71	Z	0	0	0	%100
71	M72	X	2.758	2.758	0	%100
72	M72	Z	0	0	0	%100
73	M73	X	14.143	14.143	0	%100
74	M73	Z	0	0	0	%100
75	M74	X	14.143	14.143	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	2.758	2.758	0	%100
78	M75	Z	0	0	0	%100
79	OVP	X	7.656	7.656	0	%100
80	OVP	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	7.35	7.35	0	%100
2	M1	Z	4.244	4.244	0	%100
3	M2	X	9.506	9.506	0	%100
4	M2	Z	5.488	5.488	0	%100
5	M5	X	10.797	10.797	0	%100
6	M5	Z	6.233	6.233	0	%100
7	M6	X	10.797	10.797	0	%100
8	M6	Z	6.233	6.233	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	4.268	4.268	0	%100
12	M6A	Z	2.464	2.464	0	%100
13	M7A	X	4.268	4.268	0	%100
14	M7A	Z	2.464	2.464	0	%100
15	M23A	X	4.268	4.268	0	%100
16	M23A	Z	2.464	2.464	0	%100
17	M24	X	4.268	4.268	0	%100
18	M24	Z	2.464	2.464	0	%100
19	M39A	X	17.071	17.071	0	%100
20	M39A	Z	9.856	9.856	0	%100
21	M40	X	17.071	17.071	0	%100
22	M40	Z	9.856	9.856	0	%100
23	M55	X	9.506	9.506	0	%100
24	M55	Z	5.488	5.488	0	%100
25	M56	X	0	0	0	%100
26	M56	Z	0	0	0	%100
27	M74A	X	7.35	7.35	0	%100
28	M74A	Z	4.244	4.244	0	%100
29	M75A	X	0	0	0	%100
30	M75A	Z	0	0	0	%100
31	MP4A	X	8.109	8.109	0	%100
32	MP4A	Z	4.682	4.682	0	%100
33	MP3A	X	8.109	8.109	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
34	MP3A	Z	4.682	4.682	0	%100
35	MP2A	X	8.109	8.109	0	%100
36	MP2A	Z	4.682	4.682	0	%100
37	MP1A	X	8.109	8.109	0	%100
38	MP1A	Z	4.682	4.682	0	%100
39	MP4C	X	8.109	8.109	0	%100
40	MP4C	Z	4.682	4.682	0	%100
41	MP3C	X	8.109	8.109	0	%100
42	MP3C	Z	4.682	4.682	0	%100
43	MP2C	X	8.109	8.109	0	%100
44	MP2C	Z	4.682	4.682	0	%100
45	MP1C	X	8.109	8.109	0	%100
46	MP1C	Z	4.682	4.682	0	%100
47	MP4B	X	8.109	8.109	0	%100
48	MP4B	Z	4.682	4.682	0	%100
49	MP3B	X	8.109	8.109	0	%100
50	MP3B	Z	4.682	4.682	0	%100
51	MP2B	X	8.109	8.109	0	%100
52	MP2B	Z	4.682	4.682	0	%100
53	MP1B	X	8.109	8.109	0	%100
54	MP1B	Z	4.682	4.682	0	%100
55	M46	X	2.454	2.454	0	%100
56	M46	Z	1.417	1.417	0	%100
57	M51	X	2.454	2.454	0	%100
58	M51	Z	1.417	1.417	0	%100
59	M56A	X	9.816	9.816	0	%100
60	M56A	Z	5.667	5.667	0	%100
61	M67	X	3.701	3.701	0	%100
62	M67	Z	2.137	2.137	0	%100
63	M68	X	12.835	12.835	0	%100
64	M68	Z	7.41	7.41	0	%100
65	M69	X	2.752	2.752	0	%100
66	M69	Z	1.589	1.589	0	%100
67	M70	X	12.962	12.962	0	%100
68	M70	Z	7.484	7.484	0	%100
69	M71	X	3.103	3.103	0	%100
70	M71	Z	1.791	1.791	0	%100
71	M72	X	3.103	3.103	0	%100
72	M72	Z	1.791	1.791	0	%100
73	M73	X	12.962	12.962	0	%100
74	M73	Z	7.484	7.484	0	%100
75	M74	X	6.961	6.961	0	%100
76	M74	Z	4.019	4.019	0	%100
77	M75	X	6.961	6.961	0	%100
78	M75	Z	4.019	4.019	0	%100
79	OVP	X	6.631	6.631	0	%100
80	OVP	Z	3.828	3.828	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	1.415	1.415	0	%100
2	M1	Z	2.45	2.45	0	%100
3	M2	X	1.829	1.829	0	%100
4	M2	Z	3.169	3.169	0	%100
5	M5	X	2.078	2.078	0	%100
6	M5	Z	3.599	3.599	0	%100





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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
7	M6	X	8.311	8.311	0 %100
8	M6	Z	14.395	14.395	0 %100
9	M7	X	2.078	2.078	0 %100
10	M7	Z	3.599	3.599	0 %100
11	M6A	X	7.392	7.392	0 %100
12	M6A	Z	12.803	12.803	0 %100
13	M7A	X	7.392	7.392	0 %100
14	M7A	Z	12.803	12.803	0 %100
15	M23A	X	0	0	0 %100
16	M23A	Z	0	0	0 %100
17	M24	X	0	0	0 %100
18	M24	Z	0	0	0 %100
19	M39A	X	7.392	7.392	0 %100
20	M39A	Z	12.803	12.803	0 %100
21	M40	X	7.392	7.392	0 %100
22	M40	Z	12.803	12.803	0 %100
23	M55	X	7.318	7.318	0 %100
24	M55	Z	12.675	12.675	0 %100
25	M56	X	1.829	1.829	0 %100
26	M56	Z	3.169	3.169	0 %100
27	M74A	X	5.658	5.658	0 %100
28	M74A	Z	9.8	9.8	0 %100
29	M75A	X	1.415	1.415	0 %100
30	M75A	Z	2.45	2.45	0 %100
31	MP4A	X	4.682	4.682	0 %100
32	MP4A	Z	8.109	8.109	0 %100
33	MP3A	X	4.682	4.682	0 %100
34	MP3A	Z	8.109	8.109	0 %100
35	MP2A	X	4.682	4.682	0 %100
36	MP2A	Z	8.109	8.109	0 %100
37	MP1A	X	4.682	4.682	0 %100
38	MP1A	Z	8.109	8.109	0 %100
39	MP4C	X	4.682	4.682	0 %100
40	MP4C	Z	8.109	8.109	0 %100
41	MP3C	X	4.682	4.682	0 %100
42	MP3C	Z	8.109	8.109	0 %100
43	MP2C	X	4.682	4.682	0 %100
44	MP2C	Z	8.109	8.109	0 %100
45	MP1C	X	4.682	4.682	0 %100
46	MP1C	Z	8.109	8.109	0 %100
47	MP4B	X	4.682	4.682	0 %100
48	MP4B	Z	8.109	8.109	0 %100
49	MP3B	X	4.682	4.682	0 %100
50	MP3B	Z	8.109	8.109	0 %100
51	MP2B	X	4.682	4.682	0 %100
52	MP2B	Z	8.109	8.109	0 %100
53	MP1B	X	4.682	4.682	0 %100
54	MP1B	Z	8.109	8.109	0 %100
55	M46	X	4.25	4.25	0 %100
56	M46	Z	7.362	7.362	0 %100
57	M51	X	0	0	0 %100
58	M51	Z	0	0	0 %100
59	M56A	X	4.25	4.25	0 %100
60	M56A	Z	7.362	7.362	0 %100
61	M67	X	.013	.013	0 %100
62	M67	Z	.023	.023	0 %100
63	M68	X	5.835	5.835	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
64	M68	Z	10.106	10.106	0	%100
65	M69	X	5.287	5.287	0	%100
66	M69	Z	9.157	9.157	0	%100
67	M70	X	7.071	7.071	0	%100
68	M70	Z	12.248	12.248	0	%100
69	M71	X	1.379	1.379	0	%100
70	M71	Z	2.388	2.388	0	%100
71	M72	X	4.844	4.844	0	%100
72	M72	Z	8.39	8.39	0	%100
73	M73	X	4.844	4.844	0	%100
74	M73	Z	8.39	8.39	0	%100
75	M74	X	1.379	1.379	0	%100
76	M74	Z	2.388	2.388	0	%100
77	M75	X	7.071	7.071	0	%100
78	M75	Z	12.248	12.248	0	%100
79	OVP	X	3.828	3.828	0	%100
80	OVP	Z	6.631	6.631	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	12.467	12.467	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	12.467	12.467	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	19.712	19.712	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	19.712	19.712	0	%100
15	M23A	X	0	0	0	%100
16	M23A	Z	4.928	4.928	0	%100
17	M24	X	0	0	0	%100
18	M24	Z	4.928	4.928	0	%100
19	M39A	X	0	0	0	%100
20	M39A	Z	4.928	4.928	0	%100
21	M40	X	0	0	0	%100
22	M40	Z	4.928	4.928	0	%100
23	M55	X	0	0	0	%100
24	M55	Z	10.977	10.977	0	%100
25	M56	X	0	0	0	%100
26	M56	Z	10.977	10.977	0	%100
27	M74A	X	0	0	0	%100
28	M74A	Z	8.487	8.487	0	%100
29	M75A	X	0	0	0	%100
30	M75A	Z	8.487	8.487	0	%100
31	MP4A	X	0	0	0	%100
32	MP4A	Z	9.363	9.363	0	%100
33	MP3A	X	0	0	0	%100
34	MP3A	Z	9.363	9.363	0	%100
35	MP2A	X	0	0	0	%100
36	MP2A	Z	9.363	9.363	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
37	MP1A	X	0	0	0	%100
38	MP1A	Z	9.363	9.363	0	%100
39	MP4C	X	0	0	0	%100
40	MP4C	Z	9.363	9.363	0	%100
41	MP3C	X	0	0	0	%100
42	MP3C	Z	9.363	9.363	0	%100
43	MP2C	X	0	0	0	%100
44	MP2C	Z	9.363	9.363	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	9.363	9.363	0	%100
47	MP4B	X	0	0	0	%100
48	MP4B	Z	9.363	9.363	0	%100
49	MP3B	X	0	0	0	%100
50	MP3B	Z	9.363	9.363	0	%100
51	MP2B	X	0	0	0	%100
52	MP2B	Z	9.363	9.363	0	%100
53	MP1B	X	0	0	0	%100
54	MP1B	Z	9.363	9.363	0	%100
55	M46	X	0	0	0	%100
56	M46	Z	11.334	11.334	0	%100
57	M51	X	0	0	0	%100
58	M51	Z	2.834	2.834	0	%100
59	M56A	X	0	0	0	%100
60	M56A	Z	2.834	2.834	0	%100
61	M67	X	0	0	0	%100
62	M67	Z	3.178	3.178	0	%100
63	M68	X	0	0	0	%100
64	M68	Z	4.273	4.273	0	%100
65	M69	X	0	0	0	%100
66	M69	Z	14.82	14.82	0	%100
67	M70	X	0	0	0	%100
68	M70	Z	8.038	8.038	0	%100
69	M71	X	0	0	0	%100
70	M71	Z	8.038	8.038	0	%100
71	M72	X	0	0	0	%100
72	M72	Z	14.968	14.968	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	3.583	3.583	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	3.583	3.583	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	14.968	14.968	0	%100
79	OVP	X	0	0	0	%100
80	OVP	Z	7.656	7.656	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	-1.415	-1.415	0	%100
2	M1	Z	2.45	2.45	0	%100
3	M2	X	-1.829	-1.829	0	%100
4	M2	Z	3.169	3.169	0	%100
5	M5	X	-2.078	-2.078	0	%100
6	M5	Z	3.599	3.599	0	%100
7	M6	X	-2.078	-2.078	0	%100
8	M6	Z	3.599	3.599	0	%100
9	M7	X	-8.311	-8.311	0	%100



Company : Maser Consulting  
 Designer : Mo  
 Job Number : Project No. 10046639  
 Model Name : 469377-VZW\_MT\_LO\_H

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

Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[ft.%]	End Location[ft.%]
10	M7	Z	14.395	14.395	0 %100
11	M6A	X	-7.392	-7.392	0 %100
12	M6A	Z	12.803	12.803	0 %100
13	M7A	X	-7.392	-7.392	0 %100
14	M7A	Z	12.803	12.803	0 %100
15	M23A	X	-7.392	-7.392	0 %100
16	M23A	Z	12.803	12.803	0 %100
17	M24	X	-7.392	-7.392	0 %100
18	M24	Z	12.803	12.803	0 %100
19	M39A	X	0	0	0 %100
20	M39A	Z	0	0	0 %100
21	M40	X	0	0	0 %100
22	M40	Z	0	0	0 %100
23	M55	X	-1.829	-1.829	0 %100
24	M55	Z	3.169	3.169	0 %100
25	M56	X	-7.318	-7.318	0 %100
26	M56	Z	12.675	12.675	0 %100
27	M74A	X	-1.415	-1.415	0 %100
28	M74A	Z	2.45	2.45	0 %100
29	M75A	X	-5.658	-5.658	0 %100
30	M75A	Z	9.8	9.8	0 %100
31	MP4A	X	-4.682	-4.682	0 %100
32	MP4A	Z	8.109	8.109	0 %100
33	MP3A	X	-4.682	-4.682	0 %100
34	MP3A	Z	8.109	8.109	0 %100
35	MP2A	X	-4.682	-4.682	0 %100
36	MP2A	Z	8.109	8.109	0 %100
37	MP1A	X	-4.682	-4.682	0 %100
38	MP1A	Z	8.109	8.109	0 %100
39	MP4C	X	-4.682	-4.682	0 %100
40	MP4C	Z	8.109	8.109	0 %100
41	MP3C	X	-4.682	-4.682	0 %100
42	MP3C	Z	8.109	8.109	0 %100
43	MP2C	X	-4.682	-4.682	0 %100
44	MP2C	Z	8.109	8.109	0 %100
45	MP1C	X	-4.682	-4.682	0 %100
46	MP1C	Z	8.109	8.109	0 %100
47	MP4B	X	-4.682	-4.682	0 %100
48	MP4B	Z	8.109	8.109	0 %100
49	MP3B	X	-4.682	-4.682	0 %100
50	MP3B	Z	8.109	8.109	0 %100
51	MP2B	X	-4.682	-4.682	0 %100
52	MP2B	Z	8.109	8.109	0 %100
53	MP1B	X	-4.682	-4.682	0 %100
54	MP1B	Z	8.109	8.109	0 %100
55	M46	X	-4.25	-4.25	0 %100
56	M46	Z	7.362	7.362	0 %100
57	M51	X	-4.25	-4.25	0 %100
58	M51	Z	7.362	7.362	0 %100
59	M56A	X	0	0	0 %100
60	M56A	Z	0	0	0 %100
61	M67	X	-5.287	-5.287	0 %100
62	M67	Z	9.157	9.157	0 %100
63	M68	X	-.013	-.013	0 %100
64	M68	Z	.023	.023	0 %100
65	M69	X	-5.835	-5.835	0 %100
66	M69	Z	10.106	10.106	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
67	M70	X	-1.379	-1.379	0	%100
68	M70	Z	2.388	2.388	0	%100
69	M71	X	-7.071	-7.071	0	%100
70	M71	Z	12.248	12.248	0	%100
71	M72	X	-7.071	-7.071	0	%100
72	M72	Z	12.248	12.248	0	%100
73	M73	X	-1.379	-1.379	0	%100
74	M73	Z	2.388	2.388	0	%100
75	M74	X	-4.844	-4.844	0	%100
76	M74	Z	8.39	8.39	0	%100
77	M75	X	-4.844	-4.844	0	%100
78	M75	Z	8.39	8.39	0	%100
79	OVP	X	-3.828	-3.828	0	%100
80	OVP	Z	6.631	6.631	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-7.35	-7.35	0	%100
2	M1	Z	4.244	4.244	0	%100
3	M2	X	-9.506	-9.506	0	%100
4	M2	Z	5.488	5.488	0	%100
5	M5	X	-10.797	-10.797	0	%100
6	M5	Z	6.233	6.233	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-10.797	-10.797	0	%100
10	M7	Z	6.233	6.233	0	%100
11	M6A	X	-4.268	-4.268	0	%100
12	M6A	Z	2.464	2.464	0	%100
13	M7A	X	-4.268	-4.268	0	%100
14	M7A	Z	2.464	2.464	0	%100
15	M23A	X	-17.071	-17.071	0	%100
16	M23A	Z	9.856	9.856	0	%100
17	M24	X	-17.071	-17.071	0	%100
18	M24	Z	9.856	9.856	0	%100
19	M39A	X	-4.268	-4.268	0	%100
20	M39A	Z	2.464	2.464	0	%100
21	M40	X	-4.268	-4.268	0	%100
22	M40	Z	2.464	2.464	0	%100
23	M55	X	0	0	0	%100
24	M55	Z	0	0	0	%100
25	M56	X	-9.506	-9.506	0	%100
26	M56	Z	5.488	5.488	0	%100
27	M74A	X	0	0	0	%100
28	M74A	Z	0	0	0	%100
29	M75A	X	-7.35	-7.35	0	%100
30	M75A	Z	4.244	4.244	0	%100
31	MP4A	X	-8.109	-8.109	0	%100
32	MP4A	Z	4.682	4.682	0	%100
33	MP3A	X	-8.109	-8.109	0	%100
34	MP3A	Z	4.682	4.682	0	%100
35	MP2A	X	-8.109	-8.109	0	%100
36	MP2A	Z	4.682	4.682	0	%100
37	MP1A	X	-8.109	-8.109	0	%100
38	MP1A	Z	4.682	4.682	0	%100
39	MP4C	X	-8.109	-8.109	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
40	MP4C	Z	4.682	4.682	0	%100
41	MP3C	X	-8.109	-8.109	0	%100
42	MP3C	Z	4.682	4.682	0	%100
43	MP2C	X	-8.109	-8.109	0	%100
44	MP2C	Z	4.682	4.682	0	%100
45	MP1C	X	-8.109	-8.109	0	%100
46	MP1C	Z	4.682	4.682	0	%100
47	MP4B	X	-8.109	-8.109	0	%100
48	MP4B	Z	4.682	4.682	0	%100
49	MP3B	X	-8.109	-8.109	0	%100
50	MP3B	Z	4.682	4.682	0	%100
51	MP2B	X	-8.109	-8.109	0	%100
52	MP2B	Z	4.682	4.682	0	%100
53	MP1B	X	-8.109	-8.109	0	%100
54	MP1B	Z	4.682	4.682	0	%100
55	M46	X	-2.454	-2.454	0	%100
56	M46	Z	1.417	1.417	0	%100
57	M51	X	-9.816	-9.816	0	%100
58	M51	Z	5.667	5.667	0	%100
59	M56A	X	-2.454	-2.454	0	%100
60	M56A	Z	1.417	1.417	0	%100
61	M67	X	-12.835	-12.835	0	%100
62	M67	Z	7.41	7.41	0	%100
63	M68	X	-2.752	-2.752	0	%100
64	M68	Z	1.589	1.589	0	%100
65	M69	X	-3.701	-3.701	0	%100
66	M69	Z	2.137	2.137	0	%100
67	M70	X	-3.103	-3.103	0	%100
68	M70	Z	1.791	1.791	0	%100
69	M71	X	-12.962	-12.962	0	%100
70	M71	Z	7.484	7.484	0	%100
71	M72	X	-6.961	-6.961	0	%100
72	M72	Z	4.019	4.019	0	%100
73	M73	X	-6.961	-6.961	0	%100
74	M73	Z	4.019	4.019	0	%100
75	M74	X	-12.962	-12.962	0	%100
76	M74	Z	7.484	7.484	0	%100
77	M75	X	-3.103	-3.103	0	%100
78	M75	Z	1.791	1.791	0	%100
79	OVP	X	-6.631	-6.631	0	%100
80	OVP	Z	3.828	3.828	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-11.316	-11.316	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-14.636	-14.636	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	-16.622	-16.622	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	-4.156	-4.156	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-4.156	-4.156	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
13	M7A	X	0	0	0	%100
14	M7A	Z	0	0	0	%100
15	M23A	X	-14.784	-14.784	0	%100
16	M23A	Z	0	0	0	%100
17	M24	X	-14.784	-14.784	0	%100
18	M24	Z	0	0	0	%100
19	M39A	X	-14.784	-14.784	0	%100
20	M39A	Z	0	0	0	%100
21	M40	X	-14.784	-14.784	0	%100
22	M40	Z	0	0	0	%100
23	M55	X	-3.659	-3.659	0	%100
24	M55	Z	0	0	0	%100
25	M56	X	-3.659	-3.659	0	%100
26	M56	Z	0	0	0	%100
27	M74A	X	-2.829	-2.829	0	%100
28	M74A	Z	0	0	0	%100
29	M75A	X	-2.829	-2.829	0	%100
30	M75A	Z	0	0	0	%100
31	MP4A	X	-9.363	-9.363	0	%100
32	MP4A	Z	0	0	0	%100
33	MP3A	X	-9.363	-9.363	0	%100
34	MP3A	Z	0	0	0	%100
35	MP2A	X	-9.363	-9.363	0	%100
36	MP2A	Z	0	0	0	%100
37	MP1A	X	-9.363	-9.363	0	%100
38	MP1A	Z	0	0	0	%100
39	MP4C	X	-9.363	-9.363	0	%100
40	MP4C	Z	0	0	0	%100
41	MP3C	X	-9.363	-9.363	0	%100
42	MP3C	Z	0	0	0	%100
43	MP2C	X	-9.363	-9.363	0	%100
44	MP2C	Z	0	0	0	%100
45	MP1C	X	-9.363	-9.363	0	%100
46	MP1C	Z	0	0	0	%100
47	MP4B	X	-9.363	-9.363	0	%100
48	MP4B	Z	0	0	0	%100
49	MP3B	X	-9.363	-9.363	0	%100
50	MP3B	Z	0	0	0	%100
51	MP2B	X	-9.363	-9.363	0	%100
52	MP2B	Z	0	0	0	%100
53	MP1B	X	-9.363	-9.363	0	%100
54	MP1B	Z	0	0	0	%100
55	M46	X	0	0	0	%100
56	M46	Z	0	0	0	%100
57	M51	X	-8.501	-8.501	0	%100
58	M51	Z	0	0	0	%100
59	M56A	X	-8.501	-8.501	0	%100
60	M56A	Z	0	0	0	%100
61	M67	X	-11.67	-11.67	0	%100
62	M67	Z	0	0	0	%100
63	M68	X	-10.574	-10.574	0	%100
64	M68	Z	0	0	0	%100
65	M69	X	-.027	-.027	0	%100
66	M69	Z	0	0	0	%100
67	M70	X	-9.688	-9.688	0	%100
68	M70	Z	0	0	0	%100
69	M71	X	-9.688	-9.688	0	%100



Company : Maser Consulting  
 Designer : Mo  
 Job Number : Project No. 10046639  
 Model Name : 469377-VZW\_MT\_LO\_H

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
70	M71	Z	0	0	0	%100
71	M72	X	-2.758	-2.758	0	%100
72	M72	Z	0	0	0	%100
73	M73	X	-14.143	-14.143	0	%100
74	M73	Z	0	0	0	%100
75	M74	X	-14.143	-14.143	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-2.758	-2.758	0	%100
78	M75	Z	0	0	0	%100
79	OVP	X	-7.656	-7.656	0	%100
80	OVP	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-7.35	-7.35	0	%100
2	M1	Z	-4.244	-4.244	0	%100
3	M2	X	-9.506	-9.506	0	%100
4	M2	Z	-5.488	-5.488	0	%100
5	M5	X	-10.797	-10.797	0	%100
6	M5	Z	-6.233	-6.233	0	%100
7	M6	X	-10.797	-10.797	0	%100
8	M6	Z	-6.233	-6.233	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	-4.268	-4.268	0	%100
12	M6A	Z	-2.464	-2.464	0	%100
13	M7A	X	-4.268	-4.268	0	%100
14	M7A	Z	-2.464	-2.464	0	%100
15	M23A	X	-4.268	-4.268	0	%100
16	M23A	Z	-2.464	-2.464	0	%100
17	M24	X	-4.268	-4.268	0	%100
18	M24	Z	-2.464	-2.464	0	%100
19	M39A	X	-17.071	-17.071	0	%100
20	M39A	Z	-9.856	-9.856	0	%100
21	M40	X	-17.071	-17.071	0	%100
22	M40	Z	-9.856	-9.856	0	%100
23	M55	X	-9.506	-9.506	0	%100
24	M55	Z	-5.488	-5.488	0	%100
25	M56	X	0	0	0	%100
26	M56	Z	0	0	0	%100
27	M74A	X	-7.35	-7.35	0	%100
28	M74A	Z	-4.244	-4.244	0	%100
29	M75A	X	0	0	0	%100
30	M75A	Z	0	0	0	%100
31	MP4A	X	-8.109	-8.109	0	%100
32	MP4A	Z	-4.682	-4.682	0	%100
33	MP3A	X	-8.109	-8.109	0	%100
34	MP3A	Z	-4.682	-4.682	0	%100
35	MP2A	X	-8.109	-8.109	0	%100
36	MP2A	Z	-4.682	-4.682	0	%100
37	MP1A	X	-8.109	-8.109	0	%100
38	MP1A	Z	-4.682	-4.682	0	%100
39	MP4C	X	-8.109	-8.109	0	%100
40	MP4C	Z	-4.682	-4.682	0	%100
41	MP3C	X	-8.109	-8.109	0	%100
42	MP3C	Z	-4.682	-4.682	0	%100





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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
43	MP2C	X	-8.109	-8.109	0	%100
44	MP2C	Z	-4.682	-4.682	0	%100
45	MP1C	X	-8.109	-8.109	0	%100
46	MP1C	Z	-4.682	-4.682	0	%100
47	MP4B	X	-8.109	-8.109	0	%100
48	MP4B	Z	-4.682	-4.682	0	%100
49	MP3B	X	-8.109	-8.109	0	%100
50	MP3B	Z	-4.682	-4.682	0	%100
51	MP2B	X	-8.109	-8.109	0	%100
52	MP2B	Z	-4.682	-4.682	0	%100
53	MP1B	X	-8.109	-8.109	0	%100
54	MP1B	Z	-4.682	-4.682	0	%100
55	M46	X	-2.454	-2.454	0	%100
56	M46	Z	-1.417	-1.417	0	%100
57	M51	X	-2.454	-2.454	0	%100
58	M51	Z	-1.417	-1.417	0	%100
59	M56A	X	-9.816	-9.816	0	%100
60	M56A	Z	-5.667	-5.667	0	%100
61	M67	X	-3.701	-3.701	0	%100
62	M67	Z	-2.137	-2.137	0	%100
63	M68	X	-12.835	-12.835	0	%100
64	M68	Z	-7.41	-7.41	0	%100
65	M69	X	-2.752	-2.752	0	%100
66	M69	Z	-1.589	-1.589	0	%100
67	M70	X	-12.962	-12.962	0	%100
68	M70	Z	-7.484	-7.484	0	%100
69	M71	X	-3.103	-3.103	0	%100
70	M71	Z	-1.791	-1.791	0	%100
71	M72	X	-3.103	-3.103	0	%100
72	M72	Z	-1.791	-1.791	0	%100
73	M73	X	-12.962	-12.962	0	%100
74	M73	Z	-7.484	-7.484	0	%100
75	M74	X	-6.961	-6.961	0	%100
76	M74	Z	-4.019	-4.019	0	%100
77	M75	X	-6.961	-6.961	0	%100
78	M75	Z	-4.019	-4.019	0	%100
79	OVP	X	-6.631	-6.631	0	%100
80	OVP	Z	-3.828	-3.828	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-1.415	-1.415	0	%100
2	M1	Z	-2.45	-2.45	0	%100
3	M2	X	-1.829	-1.829	0	%100
4	M2	Z	-3.169	-3.169	0	%100
5	M5	X	-2.078	-2.078	0	%100
6	M5	Z	-3.599	-3.599	0	%100
7	M6	X	-8.311	-8.311	0	%100
8	M6	Z	-14.395	-14.395	0	%100
9	M7	X	-2.078	-2.078	0	%100
10	M7	Z	-3.599	-3.599	0	%100
11	M6A	X	-7.392	-7.392	0	%100
12	M6A	Z	-12.803	-12.803	0	%100
13	M7A	X	-7.392	-7.392	0	%100
14	M7A	Z	-12.803	-12.803	0	%100
15	M23A	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]	
16	M23A	Z	0	0	0	%100
17	M24	X	0	0	0	%100
18	M24	Z	0	0	0	%100
19	M39A	X	-7.392	-7.392	0	%100
20	M39A	Z	-12.803	-12.803	0	%100
21	M40	X	-7.392	-7.392	0	%100
22	M40	Z	-12.803	-12.803	0	%100
23	M55	X	-7.318	-7.318	0	%100
24	M55	Z	-12.675	-12.675	0	%100
25	M56	X	-1.829	-1.829	0	%100
26	M56	Z	-3.169	-3.169	0	%100
27	M74A	X	-5.658	-5.658	0	%100
28	M74A	Z	-9.8	-9.8	0	%100
29	M75A	X	-1.415	-1.415	0	%100
30	M75A	Z	-2.45	-2.45	0	%100
31	MP4A	X	-4.682	-4.682	0	%100
32	MP4A	Z	-8.109	-8.109	0	%100
33	MP3A	X	-4.682	-4.682	0	%100
34	MP3A	Z	-8.109	-8.109	0	%100
35	MP2A	X	-4.682	-4.682	0	%100
36	MP2A	Z	-8.109	-8.109	0	%100
37	MP1A	X	-4.682	-4.682	0	%100
38	MP1A	Z	-8.109	-8.109	0	%100
39	MP4C	X	-4.682	-4.682	0	%100
40	MP4C	Z	-8.109	-8.109	0	%100
41	MP3C	X	-4.682	-4.682	0	%100
42	MP3C	Z	-8.109	-8.109	0	%100
43	MP2C	X	-4.682	-4.682	0	%100
44	MP2C	Z	-8.109	-8.109	0	%100
45	MP1C	X	-4.682	-4.682	0	%100
46	MP1C	Z	-8.109	-8.109	0	%100
47	MP4B	X	-4.682	-4.682	0	%100
48	MP4B	Z	-8.109	-8.109	0	%100
49	MP3B	X	-4.682	-4.682	0	%100
50	MP3B	Z	-8.109	-8.109	0	%100
51	MP2B	X	-4.682	-4.682	0	%100
52	MP2B	Z	-8.109	-8.109	0	%100
53	MP1B	X	-4.682	-4.682	0	%100
54	MP1B	Z	-8.109	-8.109	0	%100
55	M46	X	-4.25	-4.25	0	%100
56	M46	Z	-7.362	-7.362	0	%100
57	M51	X	0	0	0	%100
58	M51	Z	0	0	0	%100
59	M56A	X	-4.25	-4.25	0	%100
60	M56A	Z	-7.362	-7.362	0	%100
61	M67	X	-.013	-.013	0	%100
62	M67	Z	-.023	-.023	0	%100
63	M68	X	-5.835	-5.835	0	%100
64	M68	Z	-10.106	-10.106	0	%100
65	M69	X	-5.287	-5.287	0	%100
66	M69	Z	-9.157	-9.157	0	%100
67	M70	X	-7.071	-7.071	0	%100
68	M70	Z	-12.248	-12.248	0	%100
69	M71	X	-1.379	-1.379	0	%100
70	M71	Z	-2.388	-2.388	0	%100
71	M72	X	-4.844	-4.844	0	%100
72	M72	Z	-8.39	-8.39	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
73	M73	X	-4.844	-4.844	0	%100
74	M73	Z	-8.39	-8.39	0	%100
75	M74	X	-1.379	-1.379	0	%100
76	M74	Z	-2.388	-2.388	0	%100
77	M75	X	-7.071	-7.071	0	%100
78	M75	Z	-12.248	-12.248	0	%100
79	OVP	X	-3.828	-3.828	0	%100
80	OVP	Z	-6.631	-6.631	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	-3.229	-3.229	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	-3.229	-3.229	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	-4.96	-4.96	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	-4.96	-4.96	0	%100
15	M23A	X	0	0	0	%100
16	M23A	Z	-1.24	-1.24	0	%100
17	M24	X	0	0	0	%100
18	M24	Z	-1.24	-1.24	0	%100
19	M39A	X	0	0	0	%100
20	M39A	Z	-1.24	-1.24	0	%100
21	M40	X	0	0	0	%100
22	M40	Z	-1.24	-1.24	0	%100
23	M55	X	0	0	0	%100
24	M55	Z	-2.748	-2.748	0	%100
25	M56	X	0	0	0	%100
26	M56	Z	-2.748	-2.748	0	%100
27	M74A	X	0	0	0	%100
28	M74A	Z	-2.226	-2.226	0	%100
29	M75A	X	0	0	0	%100
30	M75A	Z	-2.226	-2.226	0	%100
31	MP4A	X	0	0	0	%100
32	MP4A	Z	-3.164	-3.164	0	%100
33	MP3A	X	0	0	0	%100
34	MP3A	Z	-3.164	-3.164	0	%100
35	MP2A	X	0	0	0	%100
36	MP2A	Z	-3.164	-3.164	0	%100
37	MP1A	X	0	0	0	%100
38	MP1A	Z	-3.164	-3.164	0	%100
39	MP4C	X	0	0	0	%100
40	MP4C	Z	-3.164	-3.164	0	%100
41	MP3C	X	0	0	0	%100
42	MP3C	Z	-3.164	-3.164	0	%100
43	MP2C	X	0	0	0	%100
44	MP2C	Z	-3.164	-3.164	0	%100
45	MP1C	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
46	MP1C	Z	-3.164	-3.164	0	%100
47	MP4B	X	0	0	0	%100
48	MP4B	Z	-3.164	-3.164	0	%100
49	MP3B	X	0	0	0	%100
50	MP3B	Z	-3.164	-3.164	0	%100
51	MP2B	X	0	0	0	%100
52	MP2B	Z	-3.164	-3.164	0	%100
53	MP1B	X	0	0	0	%100
54	MP1B	Z	-3.164	-3.164	0	%100
55	M46	X	0	0	0	%100
56	M46	Z	-3.506	-3.506	0	%100
57	M51	X	0	0	0	%100
58	M51	Z	-.877	-.877	0	%100
59	M56A	X	0	0	0	%100
60	M56A	Z	-.877	-.877	0	%100
61	M67	X	0	0	0	%100
62	M67	Z	-.811	-.811	0	%100
63	M68	X	0	0	0	%100
64	M68	Z	-1.091	-1.091	0	%100
65	M69	X	0	0	0	%100
66	M69	Z	-3.784	-3.784	0	%100
67	M70	X	0	0	0	%100
68	M70	Z	-2.179	-2.179	0	%100
69	M71	X	0	0	0	%100
70	M71	Z	-2.179	-2.179	0	%100
71	M72	X	0	0	0	%100
72	M72	Z	-4.058	-4.058	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	-.971	-.971	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	-.971	-.971	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	-4.058	-4.058	0	%100
79	OVP	X	0	0	0	%100
80	OVP	Z	-2.612	-2.612	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	.371	.371	0	%100
2	M1	Z	-.643	-.643	0	%100
3	M2	X	.458	.458	0	%100
4	M2	Z	-.793	-.793	0	%100
5	M5	X	.538	.538	0	%100
6	M5	Z	-.932	-.932	0	%100
7	M6	X	.538	.538	0	%100
8	M6	Z	-.932	-.932	0	%100
9	M7	X	2.152	2.152	0	%100
10	M7	Z	-3.728	-3.728	0	%100
11	M6A	X	1.86	1.86	0	%100
12	M6A	Z	-3.222	-3.222	0	%100
13	M7A	X	1.86	1.86	0	%100
14	M7A	Z	-3.222	-3.222	0	%100
15	M23A	X	1.86	1.86	0	%100
16	M23A	Z	-3.222	-3.222	0	%100
17	M24	X	1.86	1.86	0	%100
18	M24	Z	-3.222	-3.222	0	%100



Company : Maser Consulting  
 Designer : Mo  
 Job Number : Project No. 10046639  
 Model Name : 469377-VZW\_MT\_LO\_H

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]	
19	M39A	X	0	0	0	%100
20	M39A	Z	0	0	0	%100
21	M40	X	0	0	0	%100
22	M40	Z	0	0	0	%100
23	M55	X	.458	.458	0	%100
24	M55	Z	-.793	-.793	0	%100
25	M56	X	1.832	1.832	0	%100
26	M56	Z	-3.173	-3.173	0	%100
27	M74A	X	.371	.371	0	%100
28	M74A	Z	-.643	-.643	0	%100
29	M75A	X	1.484	1.484	0	%100
30	M75A	Z	-2.571	-2.571	0	%100
31	MP4A	X	1.582	1.582	0	%100
32	MP4A	Z	-2.74	-2.74	0	%100
33	MP3A	X	1.582	1.582	0	%100
34	MP3A	Z	-2.74	-2.74	0	%100
35	MP2A	X	1.582	1.582	0	%100
36	MP2A	Z	-2.74	-2.74	0	%100
37	MP1A	X	1.582	1.582	0	%100
38	MP1A	Z	-2.74	-2.74	0	%100
39	MP4C	X	1.582	1.582	0	%100
40	MP4C	Z	-2.74	-2.74	0	%100
41	MP3C	X	1.582	1.582	0	%100
42	MP3C	Z	-2.74	-2.74	0	%100
43	MP2C	X	1.582	1.582	0	%100
44	MP2C	Z	-2.74	-2.74	0	%100
45	MP1C	X	1.582	1.582	0	%100
46	MP1C	Z	-2.74	-2.74	0	%100
47	MP4B	X	1.582	1.582	0	%100
48	MP4B	Z	-2.74	-2.74	0	%100
49	MP3B	X	1.582	1.582	0	%100
50	MP3B	Z	-2.74	-2.74	0	%100
51	MP2B	X	1.582	1.582	0	%100
52	MP2B	Z	-2.74	-2.74	0	%100
53	MP1B	X	1.582	1.582	0	%100
54	MP1B	Z	-2.74	-2.74	0	%100
55	M46	X	1.315	1.315	0	%100
56	M46	Z	-2.277	-2.277	0	%100
57	M51	X	1.315	1.315	0	%100
58	M51	Z	-2.277	-2.277	0	%100
59	M56A	X	0	0	0	%100
60	M56A	Z	0	0	0	%100
61	M67	X	1.35	1.35	0	%100
62	M67	Z	-2.338	-2.338	0	%100
63	M68	X	.003	.003	0	%100
64	M68	Z	-.006	-.006	0	%100
65	M69	X	1.49	1.49	0	%100
66	M69	Z	-2.581	-2.581	0	%100
67	M70	X	.374	.374	0	%100
68	M70	Z	-.647	-.647	0	%100
69	M71	X	1.917	1.917	0	%100
70	M71	Z	-3.32	-3.32	0	%100
71	M72	X	1.917	1.917	0	%100
72	M72	Z	-3.32	-3.32	0	%100
73	M73	X	.374	.374	0	%100
74	M73	Z	-.647	-.647	0	%100
75	M74	X	1.313	1.313	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[ft.%]	End Location[ft.%]
76	M74	Z	-2.274	-2.274	0	%100
77	M75	X	1.313	1.313	0	%100
78	M75	Z	-2.274	-2.274	0	%100
79	OVP	X	1.306	1.306	0	%100
80	OVP	Z	-2.262	-2.262	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	1.928	1.928	0	%100
2	M1	Z	-1.113	-1.113	0	%100
3	M2	X	2.38	2.38	0	%100
4	M2	Z	-1.374	-1.374	0	%100
5	M5	X	2.796	2.796	0	%100
6	M5	Z	-1.614	-1.614	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	2.796	2.796	0	%100
10	M7	Z	-1.614	-1.614	0	%100
11	M6A	X	1.074	1.074	0	%100
12	M6A	Z	-0.62	-0.62	0	%100
13	M7A	X	1.074	1.074	0	%100
14	M7A	Z	-0.62	-0.62	0	%100
15	M23A	X	4.296	4.296	0	%100
16	M23A	Z	-2.48	-2.48	0	%100
17	M24	X	4.296	4.296	0	%100
18	M24	Z	-2.48	-2.48	0	%100
19	M39A	X	1.074	1.074	0	%100
20	M39A	Z	-0.62	-0.62	0	%100
21	M40	X	1.074	1.074	0	%100
22	M40	Z	-0.62	-0.62	0	%100
23	M55	X	0	0	0	%100
24	M55	Z	0	0	0	%100
25	M56	X	2.38	2.38	0	%100
26	M56	Z	-1.374	-1.374	0	%100
27	M74A	X	0	0	0	%100
28	M74A	Z	0	0	0	%100
29	M75A	X	1.928	1.928	0	%100
30	M75A	Z	-1.113	-1.113	0	%100
31	MP4A	X	2.74	2.74	0	%100
32	MP4A	Z	-1.582	-1.582	0	%100
33	MP3A	X	2.74	2.74	0	%100
34	MP3A	Z	-1.582	-1.582	0	%100
35	MP2A	X	2.74	2.74	0	%100
36	MP2A	Z	-1.582	-1.582	0	%100
37	MP1A	X	2.74	2.74	0	%100
38	MP1A	Z	-1.582	-1.582	0	%100
39	MP4C	X	2.74	2.74	0	%100
40	MP4C	Z	-1.582	-1.582	0	%100
41	MP3C	X	2.74	2.74	0	%100
42	MP3C	Z	-1.582	-1.582	0	%100
43	MP2C	X	2.74	2.74	0	%100
44	MP2C	Z	-1.582	-1.582	0	%100
45	MP1C	X	2.74	2.74	0	%100
46	MP1C	Z	-1.582	-1.582	0	%100
47	MP4B	X	2.74	2.74	0	%100
48	MP4B	Z	-1.582	-1.582	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
49	MP3B	X	2.74	2.74	0	%100
50	MP3B	Z	-1.582	-1.582	0	%100
51	MP2B	X	2.74	2.74	0	%100
52	MP2B	Z	-1.582	-1.582	0	%100
53	MP1B	X	2.74	2.74	0	%100
54	MP1B	Z	-1.582	-1.582	0	%100
55	M46	X	.759	.759	0	%100
56	M46	Z	-.438	-.438	0	%100
57	M51	X	3.036	3.036	0	%100
58	M51	Z	-1.753	-1.753	0	%100
59	M56A	X	.759	.759	0	%100
60	M56A	Z	-.438	-.438	0	%100
61	M67	X	3.277	3.277	0	%100
62	M67	Z	-1.892	-1.892	0	%100
63	M68	X	.703	.703	0	%100
64	M68	Z	-.406	-.406	0	%100
65	M69	X	.945	.945	0	%100
66	M69	Z	-.546	-.546	0	%100
67	M70	X	.841	.841	0	%100
68	M70	Z	-.486	-.486	0	%100
69	M71	X	3.514	3.514	0	%100
70	M71	Z	-2.029	-2.029	0	%100
71	M72	X	1.887	1.887	0	%100
72	M72	Z	-1.089	-1.089	0	%100
73	M73	X	1.887	1.887	0	%100
74	M73	Z	-1.089	-1.089	0	%100
75	M74	X	3.514	3.514	0	%100
76	M74	Z	-2.029	-2.029	0	%100
77	M75	X	.841	.841	0	%100
78	M75	Z	-.486	-.486	0	%100
79	OVP	X	2.262	2.262	0	%100
80	OVP	Z	-1.306	-1.306	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	2.968	2.968	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	3.664	3.664	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	4.305	4.305	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	1.076	1.076	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	1.076	1.076	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	0	0	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	0	0	0	%100
15	M23A	X	3.72	3.72	0	%100
16	M23A	Z	0	0	0	%100
17	M24	X	3.72	3.72	0	%100
18	M24	Z	0	0	0	%100
19	M39A	X	3.72	3.72	0	%100
20	M39A	Z	0	0	0	%100
21	M40	X	3.72	3.72	0	%100



Company : Maser Consulting  
 Designer : Mo  
 Job Number : Project No. 10046639  
 Model Name : 469377-VZW\_MT\_LO\_H

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

Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F...]	Start Location[ft.%]	End Location[ft.%]
22	M40	Z	0	0	%100
23	M55	X	.916	.916	%100
24	M55	Z	0	0	%100
25	M56	X	.916	.916	%100
26	M56	Z	0	0	%100
27	M74A	X	.742	.742	%100
28	M74A	Z	0	0	%100
29	M75A	X	.742	.742	%100
30	M75A	Z	0	0	%100
31	MP4A	X	3.164	3.164	%100
32	MP4A	Z	0	0	%100
33	MP3A	X	3.164	3.164	%100
34	MP3A	Z	0	0	%100
35	MP2A	X	3.164	3.164	%100
36	MP2A	Z	0	0	%100
37	MP1A	X	3.164	3.164	%100
38	MP1A	Z	0	0	%100
39	MP4C	X	3.164	3.164	%100
40	MP4C	Z	0	0	%100
41	MP3C	X	3.164	3.164	%100
42	MP3C	Z	0	0	%100
43	MP2C	X	3.164	3.164	%100
44	MP2C	Z	0	0	%100
45	MP1C	X	3.164	3.164	%100
46	MP1C	Z	0	0	%100
47	MP4B	X	3.164	3.164	%100
48	MP4B	Z	0	0	%100
49	MP3B	X	3.164	3.164	%100
50	MP3B	Z	0	0	%100
51	MP2B	X	3.164	3.164	%100
52	MP2B	Z	0	0	%100
53	MP1B	X	3.164	3.164	%100
54	MP1B	Z	0	0	%100
55	M46	X	0	0	%100
56	M46	Z	0	0	%100
57	M51	X	2.63	2.63	%100
58	M51	Z	0	0	%100
59	M56A	X	2.63	2.63	%100
60	M56A	Z	0	0	%100
61	M67	X	2.98	2.98	%100
62	M67	Z	0	0	%100
63	M68	X	2.7	2.7	%100
64	M68	Z	0	0	%100
65	M69	X	.007	.007	%100
66	M69	Z	0	0	%100
67	M70	X	2.626	2.626	%100
68	M70	Z	0	0	%100
69	M71	X	2.626	2.626	%100
70	M71	Z	0	0	%100
71	M72	X	.748	.748	%100
72	M72	Z	0	0	%100
73	M73	X	3.834	3.834	%100
74	M73	Z	0	0	%100
75	M74	X	3.834	3.834	%100
76	M74	Z	0	0	%100
77	M75	X	.748	.748	%100
78	M75	Z	0	0	%100





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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
79	OVP	X	2.612	2.612	0	%100
80	OVP	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	1.928	1.928	0	%100
2	M1	Z	1.113	1.113	0	%100
3	M2	X	2.38	2.38	0	%100
4	M2	Z	1.374	1.374	0	%100
5	M5	X	2.796	2.796	0	%100
6	M5	Z	1.614	1.614	0	%100
7	M6	X	2.796	2.796	0	%100
8	M6	Z	1.614	1.614	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	1.074	1.074	0	%100
12	M6A	Z	.62	.62	0	%100
13	M7A	X	1.074	1.074	0	%100
14	M7A	Z	.62	.62	0	%100
15	M23A	X	1.074	1.074	0	%100
16	M23A	Z	.62	.62	0	%100
17	M24	X	1.074	1.074	0	%100
18	M24	Z	.62	.62	0	%100
19	M39A	X	4.296	4.296	0	%100
20	M39A	Z	2.48	2.48	0	%100
21	M40	X	4.296	4.296	0	%100
22	M40	Z	2.48	2.48	0	%100
23	M55	X	2.38	2.38	0	%100
24	M55	Z	1.374	1.374	0	%100
25	M56	X	0	0	0	%100
26	M56	Z	0	0	0	%100
27	M74A	X	1.928	1.928	0	%100
28	M74A	Z	1.113	1.113	0	%100
29	M75A	X	0	0	0	%100
30	M75A	Z	0	0	0	%100
31	MP4A	X	2.74	2.74	0	%100
32	MP4A	Z	1.582	1.582	0	%100
33	MP3A	X	2.74	2.74	0	%100
34	MP3A	Z	1.582	1.582	0	%100
35	MP2A	X	2.74	2.74	0	%100
36	MP2A	Z	1.582	1.582	0	%100
37	MP1A	X	2.74	2.74	0	%100
38	MP1A	Z	1.582	1.582	0	%100
39	MP4C	X	2.74	2.74	0	%100
40	MP4C	Z	1.582	1.582	0	%100
41	MP3C	X	2.74	2.74	0	%100
42	MP3C	Z	1.582	1.582	0	%100
43	MP2C	X	2.74	2.74	0	%100
44	MP2C	Z	1.582	1.582	0	%100
45	MP1C	X	2.74	2.74	0	%100
46	MP1C	Z	1.582	1.582	0	%100
47	MP4B	X	2.74	2.74	0	%100
48	MP4B	Z	1.582	1.582	0	%100
49	MP3B	X	2.74	2.74	0	%100
50	MP3B	Z	1.582	1.582	0	%100
51	MP2B	X	2.74	2.74	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
52	MP2B	Z	1.582	1.582	0	%100
53	MP1B	X	2.74	2.74	0	%100
54	MP1B	Z	1.582	1.582	0	%100
55	M46	X	.759	.759	0	%100
56	M46	Z	.438	.438	0	%100
57	M51	X	.759	.759	0	%100
58	M51	Z	.438	.438	0	%100
59	M56A	X	3.036	3.036	0	%100
60	M56A	Z	1.753	1.753	0	%100
61	M67	X	.945	.945	0	%100
62	M67	Z	.546	.546	0	%100
63	M68	X	3.277	3.277	0	%100
64	M68	Z	1.892	1.892	0	%100
65	M69	X	.703	.703	0	%100
66	M69	Z	.406	.406	0	%100
67	M70	X	3.514	3.514	0	%100
68	M70	Z	2.029	2.029	0	%100
69	M71	X	.841	.841	0	%100
70	M71	Z	.486	.486	0	%100
71	M72	X	.841	.841	0	%100
72	M72	Z	.486	.486	0	%100
73	M73	X	3.514	3.514	0	%100
74	M73	Z	2.029	2.029	0	%100
75	M74	X	1.887	1.887	0	%100
76	M74	Z	1.089	1.089	0	%100
77	M75	X	1.887	1.887	0	%100
78	M75	Z	1.089	1.089	0	%100
79	OVP	X	2.262	2.262	0	%100
80	OVP	Z	1.306	1.306	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	.371	.371	0	%100
2	M1	Z	.643	.643	0	%100
3	M2	X	.458	.458	0	%100
4	M2	Z	.793	.793	0	%100
5	M5	X	.538	.538	0	%100
6	M5	Z	.932	.932	0	%100
7	M6	X	2.152	2.152	0	%100
8	M6	Z	3.728	3.728	0	%100
9	M7	X	.538	.538	0	%100
10	M7	Z	.932	.932	0	%100
11	M6A	X	1.86	1.86	0	%100
12	M6A	Z	3.222	3.222	0	%100
13	M7A	X	1.86	1.86	0	%100
14	M7A	Z	3.222	3.222	0	%100
15	M23A	X	0	0	0	%100
16	M23A	Z	0	0	0	%100
17	M24	X	0	0	0	%100
18	M24	Z	0	0	0	%100
19	M39A	X	1.86	1.86	0	%100
20	M39A	Z	3.222	3.222	0	%100
21	M40	X	1.86	1.86	0	%100
22	M40	Z	3.222	3.222	0	%100
23	M55	X	1.832	1.832	0	%100
24	M55	Z	3.173	3.173	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
25	M56	X	.458	.458	0 %100
26	M56	Z	.793	.793	0 %100
27	M74A	X	1.484	1.484	0 %100
28	M74A	Z	2.571	2.571	0 %100
29	M75A	X	.371	.371	0 %100
30	M75A	Z	.643	.643	0 %100
31	MP4A	X	1.582	1.582	0 %100
32	MP4A	Z	2.74	2.74	0 %100
33	MP3A	X	1.582	1.582	0 %100
34	MP3A	Z	2.74	2.74	0 %100
35	MP2A	X	1.582	1.582	0 %100
36	MP2A	Z	2.74	2.74	0 %100
37	MP1A	X	1.582	1.582	0 %100
38	MP1A	Z	2.74	2.74	0 %100
39	MP4C	X	1.582	1.582	0 %100
40	MP4C	Z	2.74	2.74	0 %100
41	MP3C	X	1.582	1.582	0 %100
42	MP3C	Z	2.74	2.74	0 %100
43	MP2C	X	1.582	1.582	0 %100
44	MP2C	Z	2.74	2.74	0 %100
45	MP1C	X	1.582	1.582	0 %100
46	MP1C	Z	2.74	2.74	0 %100
47	MP4B	X	1.582	1.582	0 %100
48	MP4B	Z	2.74	2.74	0 %100
49	MP3B	X	1.582	1.582	0 %100
50	MP3B	Z	2.74	2.74	0 %100
51	MP2B	X	1.582	1.582	0 %100
52	MP2B	Z	2.74	2.74	0 %100
53	MP1B	X	1.582	1.582	0 %100
54	MP1B	Z	2.74	2.74	0 %100
55	M46	X	1.315	1.315	0 %100
56	M46	Z	2.277	2.277	0 %100
57	M51	X	0	0	0 %100
58	M51	Z	0	0	0 %100
59	M56A	X	1.315	1.315	0 %100
60	M56A	Z	2.277	2.277	0 %100
61	M67	X	.003	.003	0 %100
62	M67	Z	.006	.006	0 %100
63	M68	X	1.49	1.49	0 %100
64	M68	Z	2.581	2.581	0 %100
65	M69	X	1.35	1.35	0 %100
66	M69	Z	2.338	2.338	0 %100
67	M70	X	1.917	1.917	0 %100
68	M70	Z	3.32	3.32	0 %100
69	M71	X	.374	.374	0 %100
70	M71	Z	.647	.647	0 %100
71	M72	X	1.313	1.313	0 %100
72	M72	Z	2.274	2.274	0 %100
73	M73	X	1.313	1.313	0 %100
74	M73	Z	2.274	2.274	0 %100
75	M74	X	.374	.374	0 %100
76	M74	Z	.647	.647	0 %100
77	M75	X	1.917	1.917	0 %100
78	M75	Z	3.32	3.32	0 %100
79	OVP	X	1.306	1.306	0 %100
80	OVP	Z	2.262	2.262	0 %100



Company : Maser Consulting  
 Designer : Mo  
 Job Number : Project No. 10046639  
 Model Name : 469377-VZW\_MT\_LO\_H

June 21, 2021  
 8:55 AM  
 Checked By: \_\_\_\_\_

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	3.229	3.229	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	3.229	3.229	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	4.96	4.96	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	4.96	4.96	0	%100
15	M23A	X	0	0	0	%100
16	M23A	Z	1.24	1.24	0	%100
17	M24	X	0	0	0	%100
18	M24	Z	1.24	1.24	0	%100
19	M39A	X	0	0	0	%100
20	M39A	Z	1.24	1.24	0	%100
21	M40	X	0	0	0	%100
22	M40	Z	1.24	1.24	0	%100
23	M55	X	0	0	0	%100
24	M55	Z	2.748	2.748	0	%100
25	M56	X	0	0	0	%100
26	M56	Z	2.748	2.748	0	%100
27	M74A	X	0	0	0	%100
28	M74A	Z	2.226	2.226	0	%100
29	M75A	X	0	0	0	%100
30	M75A	Z	2.226	2.226	0	%100
31	MP4A	X	0	0	0	%100
32	MP4A	Z	3.164	3.164	0	%100
33	MP3A	X	0	0	0	%100
34	MP3A	Z	3.164	3.164	0	%100
35	MP2A	X	0	0	0	%100
36	MP2A	Z	3.164	3.164	0	%100
37	MP1A	X	0	0	0	%100
38	MP1A	Z	3.164	3.164	0	%100
39	MP4C	X	0	0	0	%100
40	MP4C	Z	3.164	3.164	0	%100
41	MP3C	X	0	0	0	%100
42	MP3C	Z	3.164	3.164	0	%100
43	MP2C	X	0	0	0	%100
44	MP2C	Z	3.164	3.164	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	3.164	3.164	0	%100
47	MP4B	X	0	0	0	%100
48	MP4B	Z	3.164	3.164	0	%100
49	MP3B	X	0	0	0	%100
50	MP3B	Z	3.164	3.164	0	%100
51	MP2B	X	0	0	0	%100
52	MP2B	Z	3.164	3.164	0	%100
53	MP1B	X	0	0	0	%100
54	MP1B	Z	3.164	3.164	0	%100
55	M46	X	0	0	0	%100
56	M46	Z	3.506	3.506	0	%100
57	M51	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
58	M51	Z	.877	.877	0	%100
59	M56A	X	0	0	0	%100
60	M56A	Z	.877	.877	0	%100
61	M67	X	0	0	0	%100
62	M67	Z	.811	.811	0	%100
63	M68	X	0	0	0	%100
64	M68	Z	1.091	1.091	0	%100
65	M69	X	0	0	0	%100
66	M69	Z	3.784	3.784	0	%100
67	M70	X	0	0	0	%100
68	M70	Z	2.179	2.179	0	%100
69	M71	X	0	0	0	%100
70	M71	Z	2.179	2.179	0	%100
71	M72	X	0	0	0	%100
72	M72	Z	4.058	4.058	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	.971	.971	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	.971	.971	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	4.058	4.058	0	%100
79	OVP	X	0	0	0	%100
80	OVP	Z	2.612	2.612	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-.371	-.371	0	%100
2	M1	Z	.643	.643	0	%100
3	M2	X	-.458	-.458	0	%100
4	M2	Z	.793	.793	0	%100
5	M5	X	-.538	-.538	0	%100
6	M5	Z	.932	.932	0	%100
7	M6	X	-.538	-.538	0	%100
8	M6	Z	.932	.932	0	%100
9	M7	X	-2.152	-2.152	0	%100
10	M7	Z	3.728	3.728	0	%100
11	M6A	X	-1.86	-1.86	0	%100
12	M6A	Z	3.222	3.222	0	%100
13	M7A	X	-1.86	-1.86	0	%100
14	M7A	Z	3.222	3.222	0	%100
15	M23A	X	-1.86	-1.86	0	%100
16	M23A	Z	3.222	3.222	0	%100
17	M24	X	-1.86	-1.86	0	%100
18	M24	Z	3.222	3.222	0	%100
19	M39A	X	0	0	0	%100
20	M39A	Z	0	0	0	%100
21	M40	X	0	0	0	%100
22	M40	Z	0	0	0	%100
23	M55	X	-.458	-.458	0	%100
24	M55	Z	.793	.793	0	%100
25	M56	X	-1.832	-1.832	0	%100
26	M56	Z	3.173	3.173	0	%100
27	M74A	X	-.371	-.371	0	%100
28	M74A	Z	.643	.643	0	%100
29	M75A	X	-1.484	-1.484	0	%100
30	M75A	Z	2.571	2.571	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
31	MP4A	X	-1.582	-1.582	0	%100
32	MP4A	Z	2.74	2.74	0	%100
33	MP3A	X	-1.582	-1.582	0	%100
34	MP3A	Z	2.74	2.74	0	%100
35	MP2A	X	-1.582	-1.582	0	%100
36	MP2A	Z	2.74	2.74	0	%100
37	MP1A	X	-1.582	-1.582	0	%100
38	MP1A	Z	2.74	2.74	0	%100
39	MP4C	X	-1.582	-1.582	0	%100
40	MP4C	Z	2.74	2.74	0	%100
41	MP3C	X	-1.582	-1.582	0	%100
42	MP3C	Z	2.74	2.74	0	%100
43	MP2C	X	-1.582	-1.582	0	%100
44	MP2C	Z	2.74	2.74	0	%100
45	MP1C	X	-1.582	-1.582	0	%100
46	MP1C	Z	2.74	2.74	0	%100
47	MP4B	X	-1.582	-1.582	0	%100
48	MP4B	Z	2.74	2.74	0	%100
49	MP3B	X	-1.582	-1.582	0	%100
50	MP3B	Z	2.74	2.74	0	%100
51	MP2B	X	-1.582	-1.582	0	%100
52	MP2B	Z	2.74	2.74	0	%100
53	MP1B	X	-1.582	-1.582	0	%100
54	MP1B	Z	2.74	2.74	0	%100
55	M46	X	-1.315	-1.315	0	%100
56	M46	Z	2.277	2.277	0	%100
57	M51	X	-1.315	-1.315	0	%100
58	M51	Z	2.277	2.277	0	%100
59	M56A	X	0	0	0	%100
60	M56A	Z	0	0	0	%100
61	M67	X	-1.35	-1.35	0	%100
62	M67	Z	2.338	2.338	0	%100
63	M68	X	-.003	-.003	0	%100
64	M68	Z	.006	.006	0	%100
65	M69	X	-1.49	-1.49	0	%100
66	M69	Z	2.581	2.581	0	%100
67	M70	X	-.374	-.374	0	%100
68	M70	Z	.647	.647	0	%100
69	M71	X	-1.917	-1.917	0	%100
70	M71	Z	3.32	3.32	0	%100
71	M72	X	-1.917	-1.917	0	%100
72	M72	Z	3.32	3.32	0	%100
73	M73	X	-.374	-.374	0	%100
74	M73	Z	.647	.647	0	%100
75	M74	X	-1.313	-1.313	0	%100
76	M74	Z	2.274	2.274	0	%100
77	M75	X	-1.313	-1.313	0	%100
78	M75	Z	2.274	2.274	0	%100
79	OVP	X	-1.306	-1.306	0	%100
80	OVP	Z	2.262	2.262	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-1.928	-1.928	0	%100
2	M1	Z	1.113	1.113	0	%100
3	M2	X	-2.38	-2.38	0	%100



Company : Maser Consulting  
 Designer : Mo  
 Job Number : Project No. 10046639  
 Model Name : 469377-VZW\_MT\_LO\_H

June 21, 2021  
 8:55 AM  
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**Member Distributed Loads (BLC 61 : Structure Wi (240 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
4	M2	Z	1.374	1.374	0 %100
5	M5	X	-2.796	-2.796	0 %100
6	M5	Z	1.614	1.614	0 %100
7	M6	X	0	0	0 %100
8	M6	Z	0	0	0 %100
9	M7	X	-2.796	-2.796	0 %100
10	M7	Z	1.614	1.614	0 %100
11	M6A	X	-1.074	-1.074	0 %100
12	M6A	Z	.62	.62	0 %100
13	M7A	X	-1.074	-1.074	0 %100
14	M7A	Z	.62	.62	0 %100
15	M23A	X	-4.296	-4.296	0 %100
16	M23A	Z	2.48	2.48	0 %100
17	M24	X	-4.296	-4.296	0 %100
18	M24	Z	2.48	2.48	0 %100
19	M39A	X	-1.074	-1.074	0 %100
20	M39A	Z	.62	.62	0 %100
21	M40	X	-1.074	-1.074	0 %100
22	M40	Z	.62	.62	0 %100
23	M55	X	0	0	0 %100
24	M55	Z	0	0	0 %100
25	M56	X	-2.38	-2.38	0 %100
26	M56	Z	1.374	1.374	0 %100
27	M74A	X	0	0	0 %100
28	M74A	Z	0	0	0 %100
29	M75A	X	-1.928	-1.928	0 %100
30	M75A	Z	1.113	1.113	0 %100
31	MP4A	X	-2.74	-2.74	0 %100
32	MP4A	Z	1.582	1.582	0 %100
33	MP3A	X	-2.74	-2.74	0 %100
34	MP3A	Z	1.582	1.582	0 %100
35	MP2A	X	-2.74	-2.74	0 %100
36	MP2A	Z	1.582	1.582	0 %100
37	MP1A	X	-2.74	-2.74	0 %100
38	MP1A	Z	1.582	1.582	0 %100
39	MP4C	X	-2.74	-2.74	0 %100
40	MP4C	Z	1.582	1.582	0 %100
41	MP3C	X	-2.74	-2.74	0 %100
42	MP3C	Z	1.582	1.582	0 %100
43	MP2C	X	-2.74	-2.74	0 %100
44	MP2C	Z	1.582	1.582	0 %100
45	MP1C	X	-2.74	-2.74	0 %100
46	MP1C	Z	1.582	1.582	0 %100
47	MP4B	X	-2.74	-2.74	0 %100
48	MP4B	Z	1.582	1.582	0 %100
49	MP3B	X	-2.74	-2.74	0 %100
50	MP3B	Z	1.582	1.582	0 %100
51	MP2B	X	-2.74	-2.74	0 %100
52	MP2B	Z	1.582	1.582	0 %100
53	MP1B	X	-2.74	-2.74	0 %100
54	MP1B	Z	1.582	1.582	0 %100
55	M46	X	-.759	-.759	0 %100
56	M46	Z	.438	.438	0 %100
57	M51	X	-3.036	-3.036	0 %100
58	M51	Z	1.753	1.753	0 %100
59	M56A	X	-.759	-.759	0 %100
60	M56A	Z	.438	.438	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
61	M67	X	-3.277	-3.277	0	%100
62	M67	Z	1.892	1.892	0	%100
63	M68	X	-.703	-.703	0	%100
64	M68	Z	.406	.406	0	%100
65	M69	X	-.945	-.945	0	%100
66	M69	Z	.546	.546	0	%100
67	M70	X	-.841	-.841	0	%100
68	M70	Z	.486	.486	0	%100
69	M71	X	-3.514	-3.514	0	%100
70	M71	Z	2.029	2.029	0	%100
71	M72	X	-1.887	-1.887	0	%100
72	M72	Z	1.089	1.089	0	%100
73	M73	X	-1.887	-1.887	0	%100
74	M73	Z	1.089	1.089	0	%100
75	M74	X	-3.514	-3.514	0	%100
76	M74	Z	2.029	2.029	0	%100
77	M75	X	-.841	-.841	0	%100
78	M75	Z	.486	.486	0	%100
79	OVP	X	-2.262	-2.262	0	%100
80	OVP	Z	1.306	1.306	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	-2.968	-2.968	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-3.664	-3.664	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	-4.305	-4.305	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	-1.076	-1.076	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-1.076	-1.076	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	0	0	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	0	0	0	%100
15	M23A	X	-3.72	-3.72	0	%100
16	M23A	Z	0	0	0	%100
17	M24	X	-3.72	-3.72	0	%100
18	M24	Z	0	0	0	%100
19	M39A	X	-3.72	-3.72	0	%100
20	M39A	Z	0	0	0	%100
21	M40	X	-3.72	-3.72	0	%100
22	M40	Z	0	0	0	%100
23	M55	X	-.916	-.916	0	%100
24	M55	Z	0	0	0	%100
25	M56	X	-.916	-.916	0	%100
26	M56	Z	0	0	0	%100
27	M74A	X	-.742	-.742	0	%100
28	M74A	Z	0	0	0	%100
29	M75A	X	-.742	-.742	0	%100
30	M75A	Z	0	0	0	%100
31	MP4A	X	-3.164	-3.164	0	%100
32	MP4A	Z	0	0	0	%100
33	MP3A	X	-3.164	-3.164	0	%100





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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
34	MP3A	Z	0	0	0	%100
35	MP2A	X	-3.164	-3.164	0	%100
36	MP2A	Z	0	0	0	%100
37	MP1A	X	-3.164	-3.164	0	%100
38	MP1A	Z	0	0	0	%100
39	MP4C	X	-3.164	-3.164	0	%100
40	MP4C	Z	0	0	0	%100
41	MP3C	X	-3.164	-3.164	0	%100
42	MP3C	Z	0	0	0	%100
43	MP2C	X	-3.164	-3.164	0	%100
44	MP2C	Z	0	0	0	%100
45	MP1C	X	-3.164	-3.164	0	%100
46	MP1C	Z	0	0	0	%100
47	MP4B	X	-3.164	-3.164	0	%100
48	MP4B	Z	0	0	0	%100
49	MP3B	X	-3.164	-3.164	0	%100
50	MP3B	Z	0	0	0	%100
51	MP2B	X	-3.164	-3.164	0	%100
52	MP2B	Z	0	0	0	%100
53	MP1B	X	-3.164	-3.164	0	%100
54	MP1B	Z	0	0	0	%100
55	M46	X	0	0	0	%100
56	M46	Z	0	0	0	%100
57	M51	X	-2.63	-2.63	0	%100
58	M51	Z	0	0	0	%100
59	M56A	X	-2.63	-2.63	0	%100
60	M56A	Z	0	0	0	%100
61	M67	X	-2.98	-2.98	0	%100
62	M67	Z	0	0	0	%100
63	M68	X	-2.7	-2.7	0	%100
64	M68	Z	0	0	0	%100
65	M69	X	-.007	-.007	0	%100
66	M69	Z	0	0	0	%100
67	M70	X	-2.626	-2.626	0	%100
68	M70	Z	0	0	0	%100
69	M71	X	-2.626	-2.626	0	%100
70	M71	Z	0	0	0	%100
71	M72	X	-.748	-.748	0	%100
72	M72	Z	0	0	0	%100
73	M73	X	-3.834	-3.834	0	%100
74	M73	Z	0	0	0	%100
75	M74	X	-3.834	-3.834	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-.748	-.748	0	%100
78	M75	Z	0	0	0	%100
79	OVP	X	-2.612	-2.612	0	%100
80	OVP	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-1.928	-1.928	0	%100
2	M1	Z	-1.113	-1.113	0	%100
3	M2	X	-2.38	-2.38	0	%100
4	M2	Z	-1.374	-1.374	0	%100
5	M5	X	-2.796	-2.796	0	%100
6	M5	Z	-1.614	-1.614	0	%100



Company : Maser Consulting  
 Designer : Mo  
 Job Number : Project No. 10046639  
 Model Name : 469377-VZW\_MT\_LO\_H

June 21, 2021  
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**Member Distributed Loads (BLC 63 : Structure Wi (300 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
7	M6	X	-2.796	-2.796	0 %100
8	M6	Z	-1.614	-1.614	0 %100
9	M7	X	0	0	0 %100
10	M7	Z	0	0	0 %100
11	M6A	X	-1.074	-1.074	0 %100
12	M6A	Z	-.62	-.62	0 %100
13	M7A	X	-1.074	-1.074	0 %100
14	M7A	Z	-.62	-.62	0 %100
15	M23A	X	-1.074	-1.074	0 %100
16	M23A	Z	-.62	-.62	0 %100
17	M24	X	-1.074	-1.074	0 %100
18	M24	Z	-.62	-.62	0 %100
19	M39A	X	-4.296	-4.296	0 %100
20	M39A	Z	-2.48	-2.48	0 %100
21	M40	X	-4.296	-4.296	0 %100
22	M40	Z	-2.48	-2.48	0 %100
23	M55	X	-2.38	-2.38	0 %100
24	M55	Z	-1.374	-1.374	0 %100
25	M56	X	0	0	0 %100
26	M56	Z	0	0	0 %100
27	M74A	X	-1.928	-1.928	0 %100
28	M74A	Z	-1.113	-1.113	0 %100
29	M75A	X	0	0	0 %100
30	M75A	Z	0	0	0 %100
31	MP4A	X	-2.74	-2.74	0 %100
32	MP4A	Z	-1.582	-1.582	0 %100
33	MP3A	X	-2.74	-2.74	0 %100
34	MP3A	Z	-1.582	-1.582	0 %100
35	MP2A	X	-2.74	-2.74	0 %100
36	MP2A	Z	-1.582	-1.582	0 %100
37	MP1A	X	-2.74	-2.74	0 %100
38	MP1A	Z	-1.582	-1.582	0 %100
39	MP4C	X	-2.74	-2.74	0 %100
40	MP4C	Z	-1.582	-1.582	0 %100
41	MP3C	X	-2.74	-2.74	0 %100
42	MP3C	Z	-1.582	-1.582	0 %100
43	MP2C	X	-2.74	-2.74	0 %100
44	MP2C	Z	-1.582	-1.582	0 %100
45	MP1C	X	-2.74	-2.74	0 %100
46	MP1C	Z	-1.582	-1.582	0 %100
47	MP4B	X	-2.74	-2.74	0 %100
48	MP4B	Z	-1.582	-1.582	0 %100
49	MP3B	X	-2.74	-2.74	0 %100
50	MP3B	Z	-1.582	-1.582	0 %100
51	MP2B	X	-2.74	-2.74	0 %100
52	MP2B	Z	-1.582	-1.582	0 %100
53	MP1B	X	-2.74	-2.74	0 %100
54	MP1B	Z	-1.582	-1.582	0 %100
55	M46	X	-.759	-.759	0 %100
56	M46	Z	-.438	-.438	0 %100
57	M51	X	-.759	-.759	0 %100
58	M51	Z	-.438	-.438	0 %100
59	M56A	X	-3.036	-3.036	0 %100
60	M56A	Z	-1.753	-1.753	0 %100
61	M67	X	-.945	-.945	0 %100
62	M67	Z	-.546	-.546	0 %100
63	M68	X	-3.277	-3.277	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
64	M68	Z	-1.892	-1.892	0	%100
65	M69	X	-7.703	-7.703	0	%100
66	M69	Z	-4.406	-4.406	0	%100
67	M70	X	-3.514	-3.514	0	%100
68	M70	Z	-2.029	-2.029	0	%100
69	M71	X	-8.841	-8.841	0	%100
70	M71	Z	-4.486	-4.486	0	%100
71	M72	X	-8.841	-8.841	0	%100
72	M72	Z	-4.486	-4.486	0	%100
73	M73	X	-3.514	-3.514	0	%100
74	M73	Z	-2.029	-2.029	0	%100
75	M74	X	-1.887	-1.887	0	%100
76	M74	Z	-1.089	-1.089	0	%100
77	M75	X	-1.887	-1.887	0	%100
78	M75	Z	-1.089	-1.089	0	%100
79	OVP	X	-2.262	-2.262	0	%100
80	OVP	Z	-1.306	-1.306	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-3.371	-3.371	0	%100
2	M1	Z	-6.643	-6.643	0	%100
3	M2	X	-4.458	-4.458	0	%100
4	M2	Z	-7.793	-7.793	0	%100
5	M5	X	-5.538	-5.538	0	%100
6	M5	Z	-9.932	-9.932	0	%100
7	M6	X	-2.152	-2.152	0	%100
8	M6	Z	-3.728	-3.728	0	%100
9	M7	X	-5.538	-5.538	0	%100
10	M7	Z	-9.932	-9.932	0	%100
11	M6A	X	-1.86	-1.86	0	%100
12	M6A	Z	-3.222	-3.222	0	%100
13	M7A	X	-1.86	-1.86	0	%100
14	M7A	Z	-3.222	-3.222	0	%100
15	M23A	X	0	0	0	%100
16	M23A	Z	0	0	0	%100
17	M24	X	0	0	0	%100
18	M24	Z	0	0	0	%100
19	M39A	X	-1.86	-1.86	0	%100
20	M39A	Z	-3.222	-3.222	0	%100
21	M40	X	-1.86	-1.86	0	%100
22	M40	Z	-3.222	-3.222	0	%100
23	M55	X	-1.832	-1.832	0	%100
24	M55	Z	-3.173	-3.173	0	%100
25	M56	X	-4.458	-4.458	0	%100
26	M56	Z	-7.793	-7.793	0	%100
27	M74A	X	-1.484	-1.484	0	%100
28	M74A	Z	-2.571	-2.571	0	%100
29	M75A	X	-3.371	-3.371	0	%100
30	M75A	Z	-6.643	-6.643	0	%100
31	MP4A	X	-1.582	-1.582	0	%100
32	MP4A	Z	-2.74	-2.74	0	%100
33	MP3A	X	-1.582	-1.582	0	%100
34	MP3A	Z	-2.74	-2.74	0	%100
35	MP2A	X	-1.582	-1.582	0	%100
36	MP2A	Z	-2.74	-2.74	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
37	MP1A	X	-1.582	-1.582	0	%100
38	MP1A	Z	-2.74	-2.74	0	%100
39	MP4C	X	-1.582	-1.582	0	%100
40	MP4C	Z	-2.74	-2.74	0	%100
41	MP3C	X	-1.582	-1.582	0	%100
42	MP3C	Z	-2.74	-2.74	0	%100
43	MP2C	X	-1.582	-1.582	0	%100
44	MP2C	Z	-2.74	-2.74	0	%100
45	MP1C	X	-1.582	-1.582	0	%100
46	MP1C	Z	-2.74	-2.74	0	%100
47	MP4B	X	-1.582	-1.582	0	%100
48	MP4B	Z	-2.74	-2.74	0	%100
49	MP3B	X	-1.582	-1.582	0	%100
50	MP3B	Z	-2.74	-2.74	0	%100
51	MP2B	X	-1.582	-1.582	0	%100
52	MP2B	Z	-2.74	-2.74	0	%100
53	MP1B	X	-1.582	-1.582	0	%100
54	MP1B	Z	-2.74	-2.74	0	%100
55	M46	X	-1.315	-1.315	0	%100
56	M46	Z	-2.277	-2.277	0	%100
57	M51	X	0	0	0	%100
58	M51	Z	0	0	0	%100
59	M56A	X	-1.315	-1.315	0	%100
60	M56A	Z	-2.277	-2.277	0	%100
61	M67	X	-0.003	-0.003	0	%100
62	M67	Z	-0.006	-0.006	0	%100
63	M68	X	-1.49	-1.49	0	%100
64	M68	Z	-2.581	-2.581	0	%100
65	M69	X	-1.35	-1.35	0	%100
66	M69	Z	-2.338	-2.338	0	%100
67	M70	X	-1.917	-1.917	0	%100
68	M70	Z	-3.32	-3.32	0	%100
69	M71	X	-.374	-.374	0	%100
70	M71	Z	-.647	-.647	0	%100
71	M72	X	-1.313	-1.313	0	%100
72	M72	Z	-2.274	-2.274	0	%100
73	M73	X	-1.313	-1.313	0	%100
74	M73	Z	-2.274	-2.274	0	%100
75	M74	X	-.374	-.374	0	%100
76	M74	Z	-.647	-.647	0	%100
77	M75	X	-1.917	-1.917	0	%100
78	M75	Z	-3.32	-3.32	0	%100
79	OVP	X	-1.306	-1.306	0	%100
80	OVP	Z	-2.262	-2.262	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	-.779	-.779	0	%100
9	M7	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
10	M7	Z	- .779	- .779	0 %100
11	M6A	X	0	0	0 %100
12	M6A	Z	-1.232	-1.232	0 %100
13	M7A	X	0	0	0 %100
14	M7A	Z	-1.232	-1.232	0 %100
15	M23A	X	0	0	0 %100
16	M23A	Z	- .308	- .308	0 %100
17	M24	X	0	0	0 %100
18	M24	Z	- .308	- .308	0 %100
19	M39A	X	0	0	0 %100
20	M39A	Z	- .308	- .308	0 %100
21	M40	X	0	0	0 %100
22	M40	Z	- .308	- .308	0 %100
23	M55	X	0	0	0 %100
24	M55	Z	- .686	- .686	0 %100
25	M56	X	0	0	0 %100
26	M56	Z	- .686	- .686	0 %100
27	M74A	X	0	0	0 %100
28	M74A	Z	- .53	- .53	0 %100
29	M75A	X	0	0	0 %100
30	M75A	Z	- .53	- .53	0 %100
31	MP4A	X	0	0	0 %100
32	MP4A	Z	- .585	- .585	0 %100
33	MP3A	X	0	0	0 %100
34	MP3A	Z	- .585	- .585	0 %100
35	MP2A	X	0	0	0 %100
36	MP2A	Z	- .585	- .585	0 %100
37	MP1A	X	0	0	0 %100
38	MP1A	Z	- .585	- .585	0 %100
39	MP4C	X	0	0	0 %100
40	MP4C	Z	- .585	- .585	0 %100
41	MP3C	X	0	0	0 %100
42	MP3C	Z	- .585	- .585	0 %100
43	MP2C	X	0	0	0 %100
44	MP2C	Z	- .585	- .585	0 %100
45	MP1C	X	0	0	0 %100
46	MP1C	Z	- .585	- .585	0 %100
47	MP4B	X	0	0	0 %100
48	MP4B	Z	- .585	- .585	0 %100
49	MP3B	X	0	0	0 %100
50	MP3B	Z	- .585	- .585	0 %100
51	MP2B	X	0	0	0 %100
52	MP2B	Z	- .585	- .585	0 %100
53	MP1B	X	0	0	0 %100
54	MP1B	Z	- .585	- .585	0 %100
55	M46	X	0	0	0 %100
56	M46	Z	- .708	- .708	0 %100
57	M51	X	0	0	0 %100
58	M51	Z	- .177	- .177	0 %100
59	M56A	X	0	0	0 %100
60	M56A	Z	- .177	- .177	0 %100
61	M67	X	0	0	0 %100
62	M67	Z	- .199	- .199	0 %100
63	M68	X	0	0	0 %100
64	M68	Z	- .267	- .267	0 %100
65	M69	X	0	0	0 %100
66	M69	Z	- .926	- .926	0 %100



Company : Maser Consulting  
 Designer : Mo  
 Job Number : Project No. 10046639  
 Model Name : 469377-VZW\_MT\_LO\_H

June 21, 2021  
 8:55 AM  
 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[ft.%]	End Location[ft.%]
67	M70	X	0	0	0	%100
68	M70	Z	-.502	-.502	0	%100
69	M71	X	0	0	0	%100
70	M71	Z	-.502	-.502	0	%100
71	M72	X	0	0	0	%100
72	M72	Z	-.935	-.935	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	-.224	-.224	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	-.224	-.224	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	-.935	-.935	0	%100
79	OVP	X	0	0	0	%100
80	OVP	Z	-.479	-.479	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	.088	.088	0	%100
2	M1	Z	-.153	-.153	0	%100
3	M2	X	.114	.114	0	%100
4	M2	Z	-.198	-.198	0	%100
5	M5	X	.13	.13	0	%100
6	M5	Z	-.225	-.225	0	%100
7	M6	X	.13	.13	0	%100
8	M6	Z	-.225	-.225	0	%100
9	M7	X	.519	.519	0	%100
10	M7	Z	-.9	-.9	0	%100
11	M6A	X	.462	.462	0	%100
12	M6A	Z	-.8	-.8	0	%100
13	M7A	X	.462	.462	0	%100
14	M7A	Z	-.8	-.8	0	%100
15	M23A	X	.462	.462	0	%100
16	M23A	Z	-.8	-.8	0	%100
17	M24	X	.462	.462	0	%100
18	M24	Z	-.8	-.8	0	%100
19	M39A	X	0	0	0	%100
20	M39A	Z	0	0	0	%100
21	M40	X	0	0	0	%100
22	M40	Z	0	0	0	%100
23	M55	X	.114	.114	0	%100
24	M55	Z	-.198	-.198	0	%100
25	M56	X	.457	.457	0	%100
26	M56	Z	-.792	-.792	0	%100
27	M74A	X	.088	.088	0	%100
28	M74A	Z	-.153	-.153	0	%100
29	M75A	X	.354	.354	0	%100
30	M75A	Z	-.613	-.613	0	%100
31	MP4A	X	.293	.293	0	%100
32	MP4A	Z	-.507	-.507	0	%100
33	MP3A	X	.293	.293	0	%100
34	MP3A	Z	-.507	-.507	0	%100
35	MP2A	X	.293	.293	0	%100
36	MP2A	Z	-.507	-.507	0	%100
37	MP1A	X	.293	.293	0	%100
38	MP1A	Z	-.507	-.507	0	%100
39	MP4C	X	.293	.293	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
40	MP4C	Z	-.507	-.507	0	%100
41	MP3C	X	.293	.293	0	%100
42	MP3C	Z	-.507	-.507	0	%100
43	MP2C	X	.293	.293	0	%100
44	MP2C	Z	-.507	-.507	0	%100
45	MP1C	X	.293	.293	0	%100
46	MP1C	Z	-.507	-.507	0	%100
47	MP4B	X	.293	.293	0	%100
48	MP4B	Z	-.507	-.507	0	%100
49	MP3B	X	.293	.293	0	%100
50	MP3B	Z	-.507	-.507	0	%100
51	MP2B	X	.293	.293	0	%100
52	MP2B	Z	-.507	-.507	0	%100
53	MP1B	X	.293	.293	0	%100
54	MP1B	Z	-.507	-.507	0	%100
55	M46	X	.266	.266	0	%100
56	M46	Z	-.46	-.46	0	%100
57	M51	X	.266	.266	0	%100
58	M51	Z	-.46	-.46	0	%100
59	M56A	X	0	0	0	%100
60	M56A	Z	0	0	0	%100
61	M67	X	.33	.33	0	%100
62	M67	Z	-.572	-.572	0	%100
63	M68	X	.000844	.000844	0	%100
64	M68	Z	-.001	-.001	0	%100
65	M69	X	.365	.365	0	%100
66	M69	Z	-.632	-.632	0	%100
67	M70	X	.086	.086	0	%100
68	M70	Z	-.149	-.149	0	%100
69	M71	X	.442	.442	0	%100
70	M71	Z	-.766	-.766	0	%100
71	M72	X	.442	.442	0	%100
72	M72	Z	-.766	-.766	0	%100
73	M73	X	.086	.086	0	%100
74	M73	Z	-.149	-.149	0	%100
75	M74	X	.303	.303	0	%100
76	M74	Z	-.524	-.524	0	%100
77	M75	X	.303	.303	0	%100
78	M75	Z	-.524	-.524	0	%100
79	OVP	X	.239	.239	0	%100
80	OVP	Z	-.414	-.414	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	.459	.459	0	%100
2	M1	Z	-.265	-.265	0	%100
3	M2	X	.594	.594	0	%100
4	M2	Z	-.343	-.343	0	%100
5	M5	X	.675	.675	0	%100
6	M5	Z	-.39	-.39	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	.675	.675	0	%100
10	M7	Z	-.39	-.39	0	%100
11	M6A	X	.267	.267	0	%100
12	M6A	Z	-.154	-.154	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
13	M7A	X	.267	.267	0 %100
14	M7A	Z	-.154	-.154	0 %100
15	M23A	X	1.067	1.067	0 %100
16	M23A	Z	-.616	-.616	0 %100
17	M24	X	1.067	1.067	0 %100
18	M24	Z	-.616	-.616	0 %100
19	M39A	X	.267	.267	0 %100
20	M39A	Z	-.154	-.154	0 %100
21	M40	X	.267	.267	0 %100
22	M40	Z	-.154	-.154	0 %100
23	M55	X	0	0	0 %100
24	M55	Z	0	0	0 %100
25	M56	X	.594	.594	0 %100
26	M56	Z	-.343	-.343	0 %100
27	M74A	X	0	0	0 %100
28	M74A	Z	0	0	0 %100
29	M75A	X	.459	.459	0 %100
30	M75A	Z	-.265	-.265	0 %100
31	MP4A	X	.507	.507	0 %100
32	MP4A	Z	-.293	-.293	0 %100
33	MP3A	X	.507	.507	0 %100
34	MP3A	Z	-.293	-.293	0 %100
35	MP2A	X	.507	.507	0 %100
36	MP2A	Z	-.293	-.293	0 %100
37	MP1A	X	.507	.507	0 %100
38	MP1A	Z	-.293	-.293	0 %100
39	MP4C	X	.507	.507	0 %100
40	MP4C	Z	-.293	-.293	0 %100
41	MP3C	X	.507	.507	0 %100
42	MP3C	Z	-.293	-.293	0 %100
43	MP2C	X	.507	.507	0 %100
44	MP2C	Z	-.293	-.293	0 %100
45	MP1C	X	.507	.507	0 %100
46	MP1C	Z	-.293	-.293	0 %100
47	MP4B	X	.507	.507	0 %100
48	MP4B	Z	-.293	-.293	0 %100
49	MP3B	X	.507	.507	0 %100
50	MP3B	Z	-.293	-.293	0 %100
51	MP2B	X	.507	.507	0 %100
52	MP2B	Z	-.293	-.293	0 %100
53	MP1B	X	.507	.507	0 %100
54	MP1B	Z	-.293	-.293	0 %100
55	M46	X	.153	.153	0 %100
56	M46	Z	-.089	-.089	0 %100
57	M51	X	.613	.613	0 %100
58	M51	Z	-.354	-.354	0 %100
59	M56A	X	.153	.153	0 %100
60	M56A	Z	-.089	-.089	0 %100
61	M67	X	.802	.802	0 %100
62	M67	Z	-.463	-.463	0 %100
63	M68	X	.172	.172	0 %100
64	M68	Z	-.099	-.099	0 %100
65	M69	X	.231	.231	0 %100
66	M69	Z	-.134	-.134	0 %100
67	M70	X	.194	.194	0 %100
68	M70	Z	-.112	-.112	0 %100
69	M71	X	.81	.81	0 %100





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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
70	M71	Z	-.468	-.468	0	%100
71	M72	X	.435	.435	0	%100
72	M72	Z	-.251	-.251	0	%100
73	M73	X	.435	.435	0	%100
74	M73	Z	-.251	-.251	0	%100
75	M74	X	.81	.81	0	%100
76	M74	Z	-.468	-.468	0	%100
77	M75	X	.194	.194	0	%100
78	M75	Z	-.112	-.112	0	%100
79	OVP	X	.414	.414	0	%100
80	OVP	Z	-.239	-.239	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	.707	.707	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	.915	.915	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	1.039	1.039	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	.26	.26	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	.26	.26	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	0	0	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	0	0	0	%100
15	M23A	X	.924	.924	0	%100
16	M23A	Z	0	0	0	%100
17	M24	X	.924	.924	0	%100
18	M24	Z	0	0	0	%100
19	M39A	X	.924	.924	0	%100
20	M39A	Z	0	0	0	%100
21	M40	X	.924	.924	0	%100
22	M40	Z	0	0	0	%100
23	M55	X	.229	.229	0	%100
24	M55	Z	0	0	0	%100
25	M56	X	.229	.229	0	%100
26	M56	Z	0	0	0	%100
27	M74A	X	.177	.177	0	%100
28	M74A	Z	0	0	0	%100
29	M75A	X	.177	.177	0	%100
30	M75A	Z	0	0	0	%100
31	MP4A	X	.585	.585	0	%100
32	MP4A	Z	0	0	0	%100
33	MP3A	X	.585	.585	0	%100
34	MP3A	Z	0	0	0	%100
35	MP2A	X	.585	.585	0	%100
36	MP2A	Z	0	0	0	%100
37	MP1A	X	.585	.585	0	%100
38	MP1A	Z	0	0	0	%100
39	MP4C	X	.585	.585	0	%100
40	MP4C	Z	0	0	0	%100
41	MP3C	X	.585	.585	0	%100
42	MP3C	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
43	MP2C	X	.585	.585	0	%100
44	MP2C	Z	0	0	0	%100
45	MP1C	X	.585	.585	0	%100
46	MP1C	Z	0	0	0	%100
47	MP4B	X	.585	.585	0	%100
48	MP4B	Z	0	0	0	%100
49	MP3B	X	.585	.585	0	%100
50	MP3B	Z	0	0	0	%100
51	MP2B	X	.585	.585	0	%100
52	MP2B	Z	0	0	0	%100
53	MP1B	X	.585	.585	0	%100
54	MP1B	Z	0	0	0	%100
55	M46	X	0	0	0	%100
56	M46	Z	0	0	0	%100
57	M51	X	.531	.531	0	%100
58	M51	Z	0	0	0	%100
59	M56A	X	.531	.531	0	%100
60	M56A	Z	0	0	0	%100
61	M67	X	.729	.729	0	%100
62	M67	Z	0	0	0	%100
63	M68	X	.661	.661	0	%100
64	M68	Z	0	0	0	%100
65	M69	X	.002	.002	0	%100
66	M69	Z	0	0	0	%100
67	M70	X	.605	.605	0	%100
68	M70	Z	0	0	0	%100
69	M71	X	.605	.605	0	%100
70	M71	Z	0	0	0	%100
71	M72	X	.172	.172	0	%100
72	M72	Z	0	0	0	%100
73	M73	X	.884	.884	0	%100
74	M73	Z	0	0	0	%100
75	M74	X	.884	.884	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	.172	.172	0	%100
78	M75	Z	0	0	0	%100
79	OVP	X	.479	.479	0	%100
80	OVP	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	.459	.459	0	%100
2	M1	Z	.265	.265	0	%100
3	M2	X	.594	.594	0	%100
4	M2	Z	.343	.343	0	%100
5	M5	X	.675	.675	0	%100
6	M5	Z	.39	.39	0	%100
7	M6	X	.675	.675	0	%100
8	M6	Z	.39	.39	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	.267	.267	0	%100
12	M6A	Z	.154	.154	0	%100
13	M7A	X	.267	.267	0	%100
14	M7A	Z	.154	.154	0	%100
15	M23A	X	.267	.267	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
16	M23A	Z	.154	.154	0 %100
17	M24	X	.267	.267	0 %100
18	M24	Z	.154	.154	0 %100
19	M39A	X	1.067	1.067	0 %100
20	M39A	Z	.616	.616	0 %100
21	M40	X	1.067	1.067	0 %100
22	M40	Z	.616	.616	0 %100
23	M55	X	.594	.594	0 %100
24	M55	Z	.343	.343	0 %100
25	M56	X	0	0	0 %100
26	M56	Z	0	0	0 %100
27	M74A	X	.459	.459	0 %100
28	M74A	Z	.265	.265	0 %100
29	M75A	X	0	0	0 %100
30	M75A	Z	0	0	0 %100
31	MP4A	X	.507	.507	0 %100
32	MP4A	Z	.293	.293	0 %100
33	MP3A	X	.507	.507	0 %100
34	MP3A	Z	.293	.293	0 %100
35	MP2A	X	.507	.507	0 %100
36	MP2A	Z	.293	.293	0 %100
37	MP1A	X	.507	.507	0 %100
38	MP1A	Z	.293	.293	0 %100
39	MP4C	X	.507	.507	0 %100
40	MP4C	Z	.293	.293	0 %100
41	MP3C	X	.507	.507	0 %100
42	MP3C	Z	.293	.293	0 %100
43	MP2C	X	.507	.507	0 %100
44	MP2C	Z	.293	.293	0 %100
45	MP1C	X	.507	.507	0 %100
46	MP1C	Z	.293	.293	0 %100
47	MP4B	X	.507	.507	0 %100
48	MP4B	Z	.293	.293	0 %100
49	MP3B	X	.507	.507	0 %100
50	MP3B	Z	.293	.293	0 %100
51	MP2B	X	.507	.507	0 %100
52	MP2B	Z	.293	.293	0 %100
53	MP1B	X	.507	.507	0 %100
54	MP1B	Z	.293	.293	0 %100
55	M46	X	.153	.153	0 %100
56	M46	Z	.089	.089	0 %100
57	M51	X	.153	.153	0 %100
58	M51	Z	.089	.089	0 %100
59	M56A	X	.613	.613	0 %100
60	M56A	Z	.354	.354	0 %100
61	M67	X	.231	.231	0 %100
62	M67	Z	.134	.134	0 %100
63	M68	X	.802	.802	0 %100
64	M68	Z	.463	.463	0 %100
65	M69	X	.172	.172	0 %100
66	M69	Z	.099	.099	0 %100
67	M70	X	.81	.81	0 %100
68	M70	Z	.468	.468	0 %100
69	M71	X	.194	.194	0 %100
70	M71	Z	.112	.112	0 %100
71	M72	X	.194	.194	0 %100
72	M72	Z	.112	.112	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
73	M73	X	.81	.81	0	%100
74	M73	Z	.468	.468	0	%100
75	M74	X	.435	.435	0	%100
76	M74	Z	.251	.251	0	%100
77	M75	X	.435	.435	0	%100
78	M75	Z	.251	.251	0	%100
79	OVP	X	.414	.414	0	%100
80	OVP	Z	.239	.239	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	.088	.088	0	%100
2	M1	Z	.153	.153	0	%100
3	M2	X	.114	.114	0	%100
4	M2	Z	.198	.198	0	%100
5	M5	X	.13	.13	0	%100
6	M5	Z	.225	.225	0	%100
7	M6	X	.519	.519	0	%100
8	M6	Z	.9	.9	0	%100
9	M7	X	.13	.13	0	%100
10	M7	Z	.225	.225	0	%100
11	M6A	X	.462	.462	0	%100
12	M6A	Z	.8	.8	0	%100
13	M7A	X	.462	.462	0	%100
14	M7A	Z	.8	.8	0	%100
15	M23A	X	0	0	0	%100
16	M23A	Z	0	0	0	%100
17	M24	X	0	0	0	%100
18	M24	Z	0	0	0	%100
19	M39A	X	.462	.462	0	%100
20	M39A	Z	.8	.8	0	%100
21	M40	X	.462	.462	0	%100
22	M40	Z	.8	.8	0	%100
23	M55	X	.457	.457	0	%100
24	M55	Z	.792	.792	0	%100
25	M56	X	.114	.114	0	%100
26	M56	Z	.198	.198	0	%100
27	M74A	X	.354	.354	0	%100
28	M74A	Z	.613	.613	0	%100
29	M75A	X	.088	.088	0	%100
30	M75A	Z	.153	.153	0	%100
31	MP4A	X	.293	.293	0	%100
32	MP4A	Z	.507	.507	0	%100
33	MP3A	X	.293	.293	0	%100
34	MP3A	Z	.507	.507	0	%100
35	MP2A	X	.293	.293	0	%100
36	MP2A	Z	.507	.507	0	%100
37	MP1A	X	.293	.293	0	%100
38	MP1A	Z	.507	.507	0	%100
39	MP4C	X	.293	.293	0	%100
40	MP4C	Z	.507	.507	0	%100
41	MP3C	X	.293	.293	0	%100
42	MP3C	Z	.507	.507	0	%100
43	MP2C	X	.293	.293	0	%100
44	MP2C	Z	.507	.507	0	%100
45	MP1C	X	.293	.293	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
46	MP1C	Z	.507	.507	0	%100
47	MP4B	X	.293	.293	0	%100
48	MP4B	Z	.507	.507	0	%100
49	MP3B	X	.293	.293	0	%100
50	MP3B	Z	.507	.507	0	%100
51	MP2B	X	.293	.293	0	%100
52	MP2B	Z	.507	.507	0	%100
53	MP1B	X	.293	.293	0	%100
54	MP1B	Z	.507	.507	0	%100
55	M46	X	.266	.266	0	%100
56	M46	Z	.46	.46	0	%100
57	M51	X	0	0	0	%100
58	M51	Z	0	0	0	%100
59	M56A	X	.266	.266	0	%100
60	M56A	Z	.46	.46	0	%100
61	M67	X	.000844	.000844	0	%100
62	M67	Z	.001	.001	0	%100
63	M68	X	.365	.365	0	%100
64	M68	Z	.632	.632	0	%100
65	M69	X	.33	.33	0	%100
66	M69	Z	.572	.572	0	%100
67	M70	X	.442	.442	0	%100
68	M70	Z	.766	.766	0	%100
69	M71	X	.086	.086	0	%100
70	M71	Z	.149	.149	0	%100
71	M72	X	.303	.303	0	%100
72	M72	Z	.524	.524	0	%100
73	M73	X	.303	.303	0	%100
74	M73	Z	.524	.524	0	%100
75	M74	X	.086	.086	0	%100
76	M74	Z	.149	.149	0	%100
77	M75	X	.442	.442	0	%100
78	M75	Z	.766	.766	0	%100
79	OVP	X	.239	.239	0	%100
80	OVP	Z	.414	.414	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	.779	.779	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	.779	.779	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	1.232	1.232	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	1.232	1.232	0	%100
15	M23A	X	0	0	0	%100
16	M23A	Z	.308	.308	0	%100
17	M24	X	0	0	0	%100
18	M24	Z	.308	.308	0	%100



Company : Maser Consulting  
 Designer : Mo  
 Job Number : Project No. 10046639  
 Model Name : 469377-VZW\_MT\_LO\_H

June 21, 2021  
 8:55 AM  
 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[ft.%,]	End Location[ft.%,]	
19	M39A	X	0	0	0	%100
20	M39A	Z	.308	.308	0	%100
21	M40	X	0	0	0	%100
22	M40	Z	.308	.308	0	%100
23	M55	X	0	0	0	%100
24	M55	Z	.686	.686	0	%100
25	M56	X	0	0	0	%100
26	M56	Z	.686	.686	0	%100
27	M74A	X	0	0	0	%100
28	M74A	Z	.53	.53	0	%100
29	M75A	X	0	0	0	%100
30	M75A	Z	.53	.53	0	%100
31	MP4A	X	0	0	0	%100
32	MP4A	Z	.585	.585	0	%100
33	MP3A	X	0	0	0	%100
34	MP3A	Z	.585	.585	0	%100
35	MP2A	X	0	0	0	%100
36	MP2A	Z	.585	.585	0	%100
37	MP1A	X	0	0	0	%100
38	MP1A	Z	.585	.585	0	%100
39	MP4C	X	0	0	0	%100
40	MP4C	Z	.585	.585	0	%100
41	MP3C	X	0	0	0	%100
42	MP3C	Z	.585	.585	0	%100
43	MP2C	X	0	0	0	%100
44	MP2C	Z	.585	.585	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	.585	.585	0	%100
47	MP4B	X	0	0	0	%100
48	MP4B	Z	.585	.585	0	%100
49	MP3B	X	0	0	0	%100
50	MP3B	Z	.585	.585	0	%100
51	MP2B	X	0	0	0	%100
52	MP2B	Z	.585	.585	0	%100
53	MP1B	X	0	0	0	%100
54	MP1B	Z	.585	.585	0	%100
55	M46	X	0	0	0	%100
56	M46	Z	.708	.708	0	%100
57	M51	X	0	0	0	%100
58	M51	Z	.177	.177	0	%100
59	M56A	X	0	0	0	%100
60	M56A	Z	.177	.177	0	%100
61	M67	X	0	0	0	%100
62	M67	Z	.199	.199	0	%100
63	M68	X	0	0	0	%100
64	M68	Z	.267	.267	0	%100
65	M69	X	0	0	0	%100
66	M69	Z	.926	.926	0	%100
67	M70	X	0	0	0	%100
68	M70	Z	.502	.502	0	%100
69	M71	X	0	0	0	%100
70	M71	Z	.502	.502	0	%100
71	M72	X	0	0	0	%100
72	M72	Z	.935	.935	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	.224	.224	0	%100
75	M74	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[ft.%]	End Location[ft.%]
76	M74	Z	.224	.224	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	.935	.935	0	%100
79	OVP	X	0	0	0	%100
80	OVP	Z	.479	.479	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-.088	-.088	0	%100
2	M1	Z	.153	.153	0	%100
3	M2	X	-.114	-.114	0	%100
4	M2	Z	.198	.198	0	%100
5	M5	X	-.13	-.13	0	%100
6	M5	Z	.225	.225	0	%100
7	M6	X	-.13	-.13	0	%100
8	M6	Z	.225	.225	0	%100
9	M7	X	-.519	-.519	0	%100
10	M7	Z	.9	.9	0	%100
11	M6A	X	-.462	-.462	0	%100
12	M6A	Z	.8	.8	0	%100
13	M7A	X	-.462	-.462	0	%100
14	M7A	Z	.8	.8	0	%100
15	M23A	X	-.462	-.462	0	%100
16	M23A	Z	.8	.8	0	%100
17	M24	X	-.462	-.462	0	%100
18	M24	Z	.8	.8	0	%100
19	M39A	X	0	0	0	%100
20	M39A	Z	0	0	0	%100
21	M40	X	0	0	0	%100
22	M40	Z	0	0	0	%100
23	M55	X	-.114	-.114	0	%100
24	M55	Z	.198	.198	0	%100
25	M56	X	-.457	-.457	0	%100
26	M56	Z	.792	.792	0	%100
27	M74A	X	-.088	-.088	0	%100
28	M74A	Z	.153	.153	0	%100
29	M75A	X	-.354	-.354	0	%100
30	M75A	Z	.613	.613	0	%100
31	MP4A	X	-.293	-.293	0	%100
32	MP4A	Z	.507	.507	0	%100
33	MP3A	X	-.293	-.293	0	%100
34	MP3A	Z	.507	.507	0	%100
35	MP2A	X	-.293	-.293	0	%100
36	MP2A	Z	.507	.507	0	%100
37	MP1A	X	-.293	-.293	0	%100
38	MP1A	Z	.507	.507	0	%100
39	MP4C	X	-.293	-.293	0	%100
40	MP4C	Z	.507	.507	0	%100
41	MP3C	X	-.293	-.293	0	%100
42	MP3C	Z	.507	.507	0	%100
43	MP2C	X	-.293	-.293	0	%100
44	MP2C	Z	.507	.507	0	%100
45	MP1C	X	-.293	-.293	0	%100
46	MP1C	Z	.507	.507	0	%100
47	MP4B	X	-.293	-.293	0	%100
48	MP4B	Z	.507	.507	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
49	MP3B	X	-.293	-.293	0	%100
50	MP3B	Z	.507	.507	0	%100
51	MP2B	X	-.293	-.293	0	%100
52	MP2B	Z	.507	.507	0	%100
53	MP1B	X	-.293	-.293	0	%100
54	MP1B	Z	.507	.507	0	%100
55	M46	X	-.266	-.266	0	%100
56	M46	Z	.46	.46	0	%100
57	M51	X	-.266	-.266	0	%100
58	M51	Z	.46	.46	0	%100
59	M56A	X	0	0	0	%100
60	M56A	Z	0	0	0	%100
61	M67	X	-.33	-.33	0	%100
62	M67	Z	.572	.572	0	%100
63	M68	X	-.000844	-.000844	0	%100
64	M68	Z	.001	.001	0	%100
65	M69	X	-.365	-.365	0	%100
66	M69	Z	.632	.632	0	%100
67	M70	X	-.086	-.086	0	%100
68	M70	Z	.149	.149	0	%100
69	M71	X	-.442	-.442	0	%100
70	M71	Z	.766	.766	0	%100
71	M72	X	-.442	-.442	0	%100
72	M72	Z	.766	.766	0	%100
73	M73	X	-.086	-.086	0	%100
74	M73	Z	.149	.149	0	%100
75	M74	X	-.303	-.303	0	%100
76	M74	Z	.524	.524	0	%100
77	M75	X	-.303	-.303	0	%100
78	M75	Z	.524	.524	0	%100
79	OVP	X	-.239	-.239	0	%100
80	OVP	Z	.414	.414	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	-.459	-.459	0	%100
2	M1	Z	.265	.265	0	%100
3	M2	X	-.594	-.594	0	%100
4	M2	Z	.343	.343	0	%100
5	M5	X	-.675	-.675	0	%100
6	M5	Z	.39	.39	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-.675	-.675	0	%100
10	M7	Z	.39	.39	0	%100
11	M6A	X	-.267	-.267	0	%100
12	M6A	Z	.154	.154	0	%100
13	M7A	X	-.267	-.267	0	%100
14	M7A	Z	.154	.154	0	%100
15	M23A	X	-1.067	-1.067	0	%100
16	M23A	Z	.616	.616	0	%100
17	M24	X	-1.067	-1.067	0	%100
18	M24	Z	.616	.616	0	%100
19	M39A	X	-.267	-.267	0	%100
20	M39A	Z	.154	.154	0	%100
21	M40	X	-.267	-.267	0	%100





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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
22	M40	Z	.154	.154	0 %100
23	M55	X	0	0	0 %100
24	M55	Z	0	0	0 %100
25	M56	X	-.594	-.594	0 %100
26	M56	Z	.343	.343	0 %100
27	M74A	X	0	0	0 %100
28	M74A	Z	0	0	0 %100
29	M75A	X	-.459	-.459	0 %100
30	M75A	Z	.265	.265	0 %100
31	MP4A	X	-.507	-.507	0 %100
32	MP4A	Z	.293	.293	0 %100
33	MP3A	X	-.507	-.507	0 %100
34	MP3A	Z	.293	.293	0 %100
35	MP2A	X	-.507	-.507	0 %100
36	MP2A	Z	.293	.293	0 %100
37	MP1A	X	-.507	-.507	0 %100
38	MP1A	Z	.293	.293	0 %100
39	MP4C	X	-.507	-.507	0 %100
40	MP4C	Z	.293	.293	0 %100
41	MP3C	X	-.507	-.507	0 %100
42	MP3C	Z	.293	.293	0 %100
43	MP2C	X	-.507	-.507	0 %100
44	MP2C	Z	.293	.293	0 %100
45	MP1C	X	-.507	-.507	0 %100
46	MP1C	Z	.293	.293	0 %100
47	MP4B	X	-.507	-.507	0 %100
48	MP4B	Z	.293	.293	0 %100
49	MP3B	X	-.507	-.507	0 %100
50	MP3B	Z	.293	.293	0 %100
51	MP2B	X	-.507	-.507	0 %100
52	MP2B	Z	.293	.293	0 %100
53	MP1B	X	-.507	-.507	0 %100
54	MP1B	Z	.293	.293	0 %100
55	M46	X	-.153	-.153	0 %100
56	M46	Z	.089	.089	0 %100
57	M51	X	-.613	-.613	0 %100
58	M51	Z	.354	.354	0 %100
59	M56A	X	-.153	-.153	0 %100
60	M56A	Z	.089	.089	0 %100
61	M67	X	-.802	-.802	0 %100
62	M67	Z	.463	.463	0 %100
63	M68	X	-.172	-.172	0 %100
64	M68	Z	.099	.099	0 %100
65	M69	X	-.231	-.231	0 %100
66	M69	Z	.134	.134	0 %100
67	M70	X	-.194	-.194	0 %100
68	M70	Z	.112	.112	0 %100
69	M71	X	-.81	-.81	0 %100
70	M71	Z	.468	.468	0 %100
71	M72	X	-.435	-.435	0 %100
72	M72	Z	.251	.251	0 %100
73	M73	X	-.435	-.435	0 %100
74	M73	Z	.251	.251	0 %100
75	M74	X	-.81	-.81	0 %100
76	M74	Z	.468	.468	0 %100
77	M75	X	-.194	-.194	0 %100
78	M75	Z	.112	.112	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
79	OVP	X	-414	-414	0	%100
80	OVP	Z	.239	.239	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-707	-707	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-915	-915	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	-1.039	-1.039	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	-26	-26	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-26	-26	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	0	0	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	0	0	0	%100
15	M23A	X	-924	-924	0	%100
16	M23A	Z	0	0	0	%100
17	M24	X	-924	-924	0	%100
18	M24	Z	0	0	0	%100
19	M39A	X	-924	-924	0	%100
20	M39A	Z	0	0	0	%100
21	M40	X	-924	-924	0	%100
22	M40	Z	0	0	0	%100
23	M55	X	-229	-229	0	%100
24	M55	Z	0	0	0	%100
25	M56	X	-229	-229	0	%100
26	M56	Z	0	0	0	%100
27	M74A	X	-177	-177	0	%100
28	M74A	Z	0	0	0	%100
29	M75A	X	-177	-177	0	%100
30	M75A	Z	0	0	0	%100
31	MP4A	X	-585	-585	0	%100
32	MP4A	Z	0	0	0	%100
33	MP3A	X	-585	-585	0	%100
34	MP3A	Z	0	0	0	%100
35	MP2A	X	-585	-585	0	%100
36	MP2A	Z	0	0	0	%100
37	MP1A	X	-585	-585	0	%100
38	MP1A	Z	0	0	0	%100
39	MP4C	X	-585	-585	0	%100
40	MP4C	Z	0	0	0	%100
41	MP3C	X	-585	-585	0	%100
42	MP3C	Z	0	0	0	%100
43	MP2C	X	-585	-585	0	%100
44	MP2C	Z	0	0	0	%100
45	MP1C	X	-585	-585	0	%100
46	MP1C	Z	0	0	0	%100
47	MP4B	X	-585	-585	0	%100
48	MP4B	Z	0	0	0	%100
49	MP3B	X	-585	-585	0	%100
50	MP3B	Z	0	0	0	%100
51	MP2B	X	-585	-585	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
52	MP2B	Z	0	0	0	%100
53	MP1B	X	-585	-585	0	%100
54	MP1B	Z	0	0	0	%100
55	M46	X	0	0	0	%100
56	M46	Z	0	0	0	%100
57	M51	X	-531	-531	0	%100
58	M51	Z	0	0	0	%100
59	M56A	X	-531	-531	0	%100
60	M56A	Z	0	0	0	%100
61	M67	X	-729	-729	0	%100
62	M67	Z	0	0	0	%100
63	M68	X	-661	-661	0	%100
64	M68	Z	0	0	0	%100
65	M69	X	-002	-002	0	%100
66	M69	Z	0	0	0	%100
67	M70	X	-605	-605	0	%100
68	M70	Z	0	0	0	%100
69	M71	X	-605	-605	0	%100
70	M71	Z	0	0	0	%100
71	M72	X	-172	-172	0	%100
72	M72	Z	0	0	0	%100
73	M73	X	-884	-884	0	%100
74	M73	Z	0	0	0	%100
75	M74	X	-884	-884	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-172	-172	0	%100
78	M75	Z	0	0	0	%100
79	OVP	X	-479	-479	0	%100
80	OVP	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-459	-459	0	%100
2	M1	Z	-265	-265	0	%100
3	M2	X	-594	-594	0	%100
4	M2	Z	-343	-343	0	%100
5	M5	X	-675	-675	0	%100
6	M5	Z	-39	-39	0	%100
7	M6	X	-675	-675	0	%100
8	M6	Z	-39	-39	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	-267	-267	0	%100
12	M6A	Z	-154	-154	0	%100
13	M7A	X	-267	-267	0	%100
14	M7A	Z	-154	-154	0	%100
15	M23A	X	-267	-267	0	%100
16	M23A	Z	-154	-154	0	%100
17	M24	X	-267	-267	0	%100
18	M24	Z	-154	-154	0	%100
19	M39A	X	-1.067	-1.067	0	%100
20	M39A	Z	-616	-616	0	%100
21	M40	X	-1.067	-1.067	0	%100
22	M40	Z	-616	-616	0	%100
23	M55	X	-594	-594	0	%100
24	M55	Z	-343	-343	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%]	End Location[ft.%]	
25	M56	X	0	0	0	%100
26	M56	Z	0	0	0	%100
27	M74A	X	-.459	-.459	0	%100
28	M74A	Z	-.265	-.265	0	%100
29	M75A	X	0	0	0	%100
30	M75A	Z	0	0	0	%100
31	MP4A	X	-.507	-.507	0	%100
32	MP4A	Z	-.293	-.293	0	%100
33	MP3A	X	-.507	-.507	0	%100
34	MP3A	Z	-.293	-.293	0	%100
35	MP2A	X	-.507	-.507	0	%100
36	MP2A	Z	-.293	-.293	0	%100
37	MP1A	X	-.507	-.507	0	%100
38	MP1A	Z	-.293	-.293	0	%100
39	MP4C	X	-.507	-.507	0	%100
40	MP4C	Z	-.293	-.293	0	%100
41	MP3C	X	-.507	-.507	0	%100
42	MP3C	Z	-.293	-.293	0	%100
43	MP2C	X	-.507	-.507	0	%100
44	MP2C	Z	-.293	-.293	0	%100
45	MP1C	X	-.507	-.507	0	%100
46	MP1C	Z	-.293	-.293	0	%100
47	MP4B	X	-.507	-.507	0	%100
48	MP4B	Z	-.293	-.293	0	%100
49	MP3B	X	-.507	-.507	0	%100
50	MP3B	Z	-.293	-.293	0	%100
51	MP2B	X	-.507	-.507	0	%100
52	MP2B	Z	-.293	-.293	0	%100
53	MP1B	X	-.507	-.507	0	%100
54	MP1B	Z	-.293	-.293	0	%100
55	M46	X	-.153	-.153	0	%100
56	M46	Z	-.089	-.089	0	%100
57	M51	X	-.153	-.153	0	%100
58	M51	Z	-.089	-.089	0	%100
59	M56A	X	-.613	-.613	0	%100
60	M56A	Z	-.354	-.354	0	%100
61	M67	X	-.231	-.231	0	%100
62	M67	Z	-.134	-.134	0	%100
63	M68	X	-.802	-.802	0	%100
64	M68	Z	-.463	-.463	0	%100
65	M69	X	-.172	-.172	0	%100
66	M69	Z	-.099	-.099	0	%100
67	M70	X	-.81	-.81	0	%100
68	M70	Z	-.468	-.468	0	%100
69	M71	X	-.194	-.194	0	%100
70	M71	Z	-.112	-.112	0	%100
71	M72	X	-.194	-.194	0	%100
72	M72	Z	-.112	-.112	0	%100
73	M73	X	-.81	-.81	0	%100
74	M73	Z	-.468	-.468	0	%100
75	M74	X	-.435	-.435	0	%100
76	M74	Z	-.251	-.251	0	%100
77	M75	X	-.435	-.435	0	%100
78	M75	Z	-.251	-.251	0	%100
79	OVP	X	-.414	-.414	0	%100
80	OVP	Z	-.239	-.239	0	%100



Company : Maser Consulting  
 Designer : Mo  
 Job Number : Project No. 10046639  
 Model Name : 469377-VZW\_MT\_LO\_H

June 21, 2021  
 8:55 AM  
 Checked By: \_\_\_\_\_

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-0.88	-0.88	0	%100
2	M1	Z	-1.53	-1.53	0	%100
3	M2	X	-1.14	-1.14	0	%100
4	M2	Z	-1.98	-1.98	0	%100
5	M5	X	-1.13	-1.13	0	%100
6	M5	Z	-2.25	-2.25	0	%100
7	M6	X	-5.19	-5.19	0	%100
8	M6	Z	-9	-9	0	%100
9	M7	X	-1.13	-1.13	0	%100
10	M7	Z	-2.25	-2.25	0	%100
11	M6A	X	-4.62	-4.62	0	%100
12	M6A	Z	-8	-8	0	%100
13	M7A	X	-4.62	-4.62	0	%100
14	M7A	Z	-8	-8	0	%100
15	M23A	X	0	0	0	%100
16	M23A	Z	0	0	0	%100
17	M24	X	0	0	0	%100
18	M24	Z	0	0	0	%100
19	M39A	X	-4.62	-4.62	0	%100
20	M39A	Z	-8	-8	0	%100
21	M40	X	-4.62	-4.62	0	%100
22	M40	Z	-8	-8	0	%100
23	M55	X	-4.57	-4.57	0	%100
24	M55	Z	-7.92	-7.92	0	%100
25	M56	X	-1.14	-1.14	0	%100
26	M56	Z	-1.98	-1.98	0	%100
27	M74A	X	-3.54	-3.54	0	%100
28	M74A	Z	-6.13	-6.13	0	%100
29	M75A	X	-0.88	-0.88	0	%100
30	M75A	Z	-1.53	-1.53	0	%100
31	MP4A	X	-2.93	-2.93	0	%100
32	MP4A	Z	-5.07	-5.07	0	%100
33	MP3A	X	-2.93	-2.93	0	%100
34	MP3A	Z	-5.07	-5.07	0	%100
35	MP2A	X	-2.93	-2.93	0	%100
36	MP2A	Z	-5.07	-5.07	0	%100
37	MP1A	X	-2.93	-2.93	0	%100
38	MP1A	Z	-5.07	-5.07	0	%100
39	MP4C	X	-2.93	-2.93	0	%100
40	MP4C	Z	-5.07	-5.07	0	%100
41	MP3C	X	-2.93	-2.93	0	%100
42	MP3C	Z	-5.07	-5.07	0	%100
43	MP2C	X	-2.93	-2.93	0	%100
44	MP2C	Z	-5.07	-5.07	0	%100
45	MP1C	X	-2.93	-2.93	0	%100
46	MP1C	Z	-5.07	-5.07	0	%100
47	MP4B	X	-2.93	-2.93	0	%100
48	MP4B	Z	-5.07	-5.07	0	%100
49	MP3B	X	-2.93	-2.93	0	%100
50	MP3B	Z	-5.07	-5.07	0	%100
51	MP2B	X	-2.93	-2.93	0	%100
52	MP2B	Z	-5.07	-5.07	0	%100
53	MP1B	X	-2.93	-2.93	0	%100
54	MP1B	Z	-5.07	-5.07	0	%100
55	M46	X	-2.66	-2.66	0	%100
56	M46	Z	-4.6	-4.6	0	%100
57	M51	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
58	M51	Z	0	0	0	%100
59	M56A	X	-.266	-.266	0	%100
60	M56A	Z	-.46	-.46	0	%100
61	M67	X	-.000844	-.000844	0	%100
62	M67	Z	-.001	-.001	0	%100
63	M68	X	-.365	-.365	0	%100
64	M68	Z	-.632	-.632	0	%100
65	M69	X	-.33	-.33	0	%100
66	M69	Z	-.572	-.572	0	%100
67	M70	X	-.442	-.442	0	%100
68	M70	Z	-.766	-.766	0	%100
69	M71	X	-.086	-.086	0	%100
70	M71	Z	-.149	-.149	0	%100
71	M72	X	-.303	-.303	0	%100
72	M72	Z	-.524	-.524	0	%100
73	M73	X	-.303	-.303	0	%100
74	M73	Z	-.524	-.524	0	%100
75	M74	X	-.086	-.086	0	%100
76	M74	Z	-.149	-.149	0	%100
77	M75	X	-.442	-.442	0	%100
78	M75	Z	-.766	-.766	0	%100
79	OVP	X	-.239	-.239	0	%100
80	OVP	Z	-.414	-.414	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M6	Y	-1.029	-4.932	0	1.95
2	M6	Y	-4.932	-8.836	1.95	3.899
3	M7	Y	-1.029	-4.932	0	1.95
4	M7	Y	-4.932	-8.836	1.95	3.899
5	M6A	Y	-5.144	-5.144	.01	7.236
6	M7A	Y	-1.078	-2.687	0	2.333
7	M7A	Y	-2.687	-4.755	2.333	4.667
8	M7A	Y	-4.755	-6.02	4.667	7
9	M7A	Y	-6.02	-4.755	7	9.333
10	M7A	Y	-4.755	-2.687	9.333	11.666
11	M7A	Y	-2.687	-1.078	11.666	14
12	M5	Y	-1.029	-4.932	0	1.95
13	M5	Y	-4.932	-8.836	1.95	3.899
14	M23A	Y	-5.144	-5.144	.01	7.236
15	M24	Y	-1.078	-2.687	0	2.333
16	M24	Y	-2.687	-4.755	2.333	4.667
17	M24	Y	-4.755	-6.02	4.667	7
18	M24	Y	-6.02	-4.755	7	9.333
19	M24	Y	-4.755	-2.687	9.333	11.666
20	M24	Y	-2.687	-1.078	11.666	14
21	M39A	Y	-5.144	-5.144	.01	7.236
22	M40	Y	-1.078	-2.687	0	2.333
23	M40	Y	-2.687	-4.755	2.333	4.667
24	M40	Y	-4.755	-6.02	4.667	7
25	M40	Y	-6.02	-4.755	7	9.333
26	M40	Y	-4.755	-2.687	9.333	11.666
27	M40	Y	-2.687	-1.078	11.666	14

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
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Company : Maser Consulting  
 Designer : Mo  
 Job Number : Project No. 10046639  
 Model Name : 469377-VZW\_MT\_LO\_H

June 21, 2021  
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**Member Distributed Loads (BLC 82 : BLC 40 Transient Area Loads) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft, F...	Start Location[ft, %]	End Location[ft, %]
1	M6	Y	-1.961	-9.401	0 1.95
2	M6	Y	-9.401	-16.841	1.95 3.899
3	M7	Y	-1.961	-9.401	0 1.95
4	M7	Y	-9.401	-16.841	1.95 3.899
5	M6A	Y	-9.804	-9.804	.01 7.236
6	M7A	Y	-2.055	-5.121	0 2.333
7	M7A	Y	-5.121	-9.063	2.333 4.667
8	M7A	Y	-9.063	-11.473	4.667 7
9	M7A	Y	-11.473	-9.063	7 9.333
10	M7A	Y	-9.063	-5.121	9.333 11.666
11	M7A	Y	-5.121	-2.055	11.666 14
12	M5	Y	-1.961	-9.401	0 1.95
13	M5	Y	-9.401	-16.841	1.95 3.899
14	M23A	Y	-9.804	-9.804	.01 7.236
15	M24	Y	-2.055	-5.121	0 2.333
16	M24	Y	-5.121	-9.063	2.333 4.667
17	M24	Y	-9.063	-11.473	4.667 7
18	M24	Y	-11.473	-9.063	7 9.333
19	M24	Y	-9.063	-5.121	9.333 11.666
20	M24	Y	-5.121	-2.055	11.666 14
21	M39A	Y	-9.804	-9.804	.01 7.236
22	M40	Y	-2.055	-5.121	0 2.333
23	M40	Y	-5.121	-9.063	2.333 4.667
24	M40	Y	-9.063	-11.473	4.667 7
25	M40	Y	-11.473	-9.063	7 9.333
26	M40	Y	-9.063	-5.121	9.333 11.666
27	M40	Y	-5.121	-2.055	11.666 14

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

Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]	
1	N16	N15	N17	N18	Y	Two Way	-.005
2	N18	N17	N10	N14	Y	Two Way	-.005
3	N14	N10	N15	N16	Y	Two Way	-.005

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

Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]	
1	N16	N15	N17	N18	Y	Two Way	-.01
2	N18	N17	N10	N14	Y	Two Way	-.01
3	N14	N10	N15	N16	Y	Two Way	-.01

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

Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc.....	LC	phi*Pn...	phi*Pn...	phi*Mn...	phi*Mn.....	Eqn	
1	M1	HSS4X4X4	.307	0	6	.107	0 y	5	13872...	139518	16.181	16.181	1...H1-1b
2	M2	HSS4.5X...	.155	0	7	.066	0 y	5	11985...	121302	16.25	16.25	1...H1-1b
3	M5	LL3x3x4x0	.081	0	3	.011	3.899 y	2	76391...	93312	6.48	4.361	1...H1-1b
4	M6	LL3x3x4x0	.081	0	11	.011	3.899 y	10	76391...	93312	6.48	4.361	1...H1-1b
5	M7	LL3x3x4x0	.081	0	7	.010	3.899 y	6	76391...	93312	6.48	4.361	1...H1-1b
6	M6A	L3X3X4	.275	3.623	21	.014	3.623 z	21	14725...	46656	1.688	3.209	1...H2-1
7	M7A	L3X3X4	.779	7	7	.060	.875 z	16	3944.7...	46656	1.688	2.843	1...H2-1
8	M23A	L3X3X4	.273	3.623	17	.014	3.623 z	17	14725...	46656	1.688	3.206	1...H2-1
9	M24	L3X3X4	.749	7	3	.060	.875 z	24	3944.7...	46656	1.688	2.852	1...H2-1
10	M39A	L3X3X4	.272	3.623	13	.014	3.623 z	13	14725...	46656	1.688	3.206	1...H2-1
11	M40	L3X3X4	.778	7	11	.060	.875 z	20	3944.7...	46656	1.688	2.842	1...H2-1



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

Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc.....	LC	phi*Pn...	phi*Pn...	phi*Mn...	phi*Mn.....	Eqn		
12	M55	HSS4.5X...	.157	0	3	.066	0	y	1	11985...	121302	16.25	16.25	1...H1-1b
13	M56	HSS4.5X...	.158	0	11	.066	0	y	9	11985...	121302	16.25	16.25	1...H1-1b
14	M74A	HSS4X4X4	.303	0	2	.100	0	y	1	13872...	139518	16.181	16.181	1...H1-1b
15	M75A	HSS4X4X4	.302	0	10	.100	0	y	9	13872...	139518	16.181	16.181	1...H1-1b
16	MP4A	PIPE_2.0	.187	5.062	49	.078	5.062		14	20866...	32130	1.872	1.872	2...H1-1b
17	MP3A	PIPE_2.0	.195	5	9	.093	3.438		20	20866...	32130	1.872	1.872	2...H1-1b
18	MP2A	PIPE_2.0	.263	2.375	7	.142	5.375		6	20866...	32130	1.872	1.872	2...H1-1b
19	MP1A	PIPE_2.0	.207	2.438	19	.107	2.438		1	20866...	32130	1.872	1.872	2...H1-1b
20	MP4C	PIPE_2.0	.186	2.125	18	.078	5.062		22	20866...	32130	1.872	1.872	2...H1-1b
21	MP3C	PIPE_2.0	.195	5	5	.093	3.438		16	20866...	32130	1.872	1.872	2...H1-1b
22	MP2C	PIPE_2.0	.263	2.375	3	.142	5.375		2	20866...	32130	1.872	1.872	2...H1-1b
23	MP1C	PIPE_2.0	.207	2.438	15	.107	2.438		9	20866...	32130	1.872	1.872	1...H1-1b
24	MP4B	PIPE_2.0	.186	2.125	14	.078	5.062		18	20866...	32130	1.872	1.872	1...H1-1b
25	MP3B	PIPE_2.0	.196	5	1	.093	3.438		24	20866...	32130	1.872	1.872	2...H1-1b
26	MP2B	PIPE_2.0	.263	2.375	11	.142	5.375		10	20866...	32130	1.872	1.872	1...H1-1b
27	MP1B	PIPE_2.0	.207	2.438	23	.107	2.438		5	20866...	32130	1.872	1.872	2...H1-1b
28	M46	PIPE_2.5	.269	2.672	15	.136	3.937		15	12482...	50715	3.596	3.596	2...H1-1b
29	M51	PIPE_2.5	.269	2.672	23	.136	3.937		23	12482...	50715	3.596	3.596	2...H1-1b
30	M56A	PIPE_2.5	.269	2.672	19	.136	3.937		19	12482...	50715	3.596	3.596	2...H1-1b
31	M67	L3X3X4	.376	0	14	.015	0	y	12	40405...	46656	1.688	3.756	1...H2-1
32	M68	L3X3X4	.376	0	22	.015	0	y	8	40405...	46656	1.688	3.756	1...H2-1
33	M69	L3X3X4	.376	0	18	.015	0	y	4	40405...	46656	1.688	3.756	1...H2-1
34	M70	L2.5x2.5x3	.148	4.494	2	.007	4.494	z	6	15103...	29192.4	.873	1.693	1...H2-1
35	M71	L2.5x2.5x3	.168	4.494	12	.004	4.494	y	2	15103...	29192.4	.873	1.695	1...H2-1
36	M72	L2.5x2.5x3	.148	4.494	10	.007	4.494	z	2	15103...	29192.4	.873	1.693	1...H2-1
37	M73	L2.5x2.5x3	.168	4.494	8	.004	4.494	y	10	15103...	29192.4	.873	1.695	1...H2-1
38	M74	L2.5x2.5x3	.148	4.494	6	.007	4.494	z	10	15103...	29192.4	.873	1.693	1...H2-1
39	M75	L2.5x2.5x3	.168	4.494	4	.004	4.494	y	6	15103...	29192.4	.873	1.695	1...H2-1
40	OVP	PIPE_2.0	.049	1.5	6	.060	1.5		7	28843...	32130	1.872	1.872	1...H1-1b

**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	N2	max	1027.965	12	1603.401	19	607.164	1	1.289	1	1.081	8	1.144	4
2		min	-1003.544	6	-241.642	1	-623.775	7	-4.266	7	-1.069	2	-1.02	10
3	N123C	max	639.033	10	1461.813	3	994.154	2	2.46	2	1.123	8	3.594	3
4		min	-662.578	4	-307.724	9	-1003.034	8	-9.79	8	-1.109	2	-1.099	9
5	N126A	max	783.416	10	1460.011	11	844.951	12	2.374	12	1.105	4	1.091	5
6		min	-780.269	4	-309.622	5	-821.699	6	-9.55	6	-1.089	10	-3.615	11
7	N127	max	843.515	10	1382.504	1	2515.77	1	0	51	0	51	0	51
8		min	-880.012	4	-356.325	7	-726.175	7	0	1	0	1	0	1
9	N128	max	2108.725	9	1383.938	9	808.891	2	0	51	0	51	0	51
10		min	-543.017	3	-358.237	3	-1671.491	8	0	1	0	1	0	1
11	N129	max	798.358	10	1383.801	5	473.105	12	0	51	0	51	0	51
12		min	-2329.5	4	-357.432	11	-1396.413	6	0	1	0	1	0	1
13	Totals:	max	5569.998	10	7201.508	24	5629.298	1						
14		min	-5569.993	4	3331.549	6	-5629.305	7						

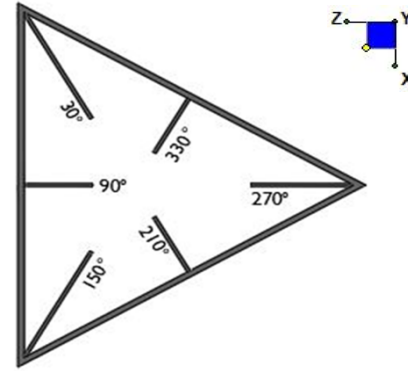




## I. Mount-to-Tower Connection Check

### RISA Model Data

Nodes (labeled per RISA)	Orientation (per graphic of typical platform)
N2	90
N126A	330
N123C	210



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):

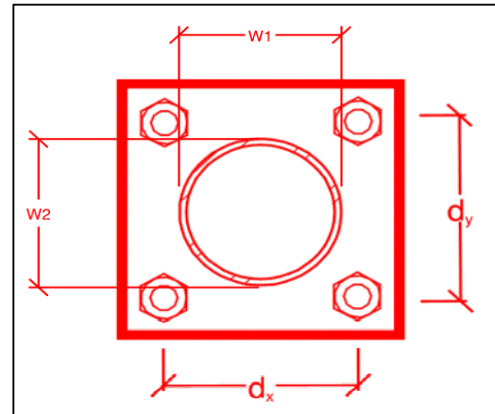
Tensile Strength / bolt (kips):

Shear Strength / bolt (kips):

Tensile Capacity Overall:

Shear Capacity Overall:

no
2
A325N
0.5
0.6
1.7
13.3
8.0
2.4%*
10.8%



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

### Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:

Plate Width (in):

Plate Height (in):

W1 (in):

W2 (in):

Fy (ksi, plate):

$t_{plate}$  (in):

Weld Size (1/16 in):

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

Required Weld Strength (kip/in):

Plate Bending Capacity:

Weld Capacity:

Rect
0
0
4
4
36
0.5
3
4.18
2.44
#N/A
58.5%

### Max Plate Bending Strengths

$M_{u_{xx}}$ (kip-in):	#N/A
$\Phi \cdot M_{n_{xx}}$ (kip-in):	0.0
$M_{u_{yy}}$ (kip-in):	#N/A
$\Phi \cdot M_{n_{yy}}$ (kip-in):	0.0

# Mount Desktop – Post Modification Inspection (PMI) Report Requirements

## Documents & Photos Required from Contractor – Mount Modification

---

**Purpose** – to provide Maser Consulting Connecticut the proper documentation in order to complete the required Mount Desktop review of the Post Modification Inspection Report.

- Contractor is responsible for making certain the photos provided as noted below provide confirmation that the modification was completed in accordance with the modification drawings.
- Contractor shall relay any data that can impact the performance of the mount or the mount modification, this includes safety issues.

### **Base Requirements:**

- Any special photos outside of the standard requirements will be indicated on the drawings
- Provide “as built drawings” showing contractor’s name, preparer’s signature, and date. Any deviations from the drawings (proposed modification) must be shown.
- Notation that all hardware was properly installed, and the existing hardware was inspected for any issues.
- Verification that loading is as communicated in the modification drawings. NOTE If loading is different than what is conveyed in the modification drawing contact Maser Consulting Connecticut immediately.
- Each photo should be time and date stamped
- Photos should be high resolution and submitted in a Zip File and should be organized in the file structure as depicted in Schedule A attached.
- Contractor shall ensure that the safety climb wire rope is supported and not adversely impacted by the install of the modification components. This may involve the install of wire rope guides, or other items to protect the wire rope.
- The photos in the file structure should be uploaded to <https://pmi.vzwsmart.com> as depicted on the drawings

### **Photo Requirements:**

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

- Photos taken at Mount Elevation
  - Photos showing each individual sector before and also after installation of modifications. Each entire sector must be in one photo to show in the inter-connection of members.
    - These photos should also certify that the placement and geometry of the equipment on the mount is as depicted on the sketch and table in the mount analysis
  - Close-up photos of each installed modification per the modification drawings; pictures should also include connection hardware (U-bolts, bolts, nuts, all-threaded rods, etc.)
  - Photos showing the measurements of the installed modification member sizes (i.e. lengths, widths, depths, diameters, thicknesses)
  - Photos showing the elevation or distances of the installed modifications from the appropriate reference locations shown in the modification drawings
  - Photos showing the installed modifications onto the tower with tape drop measurements (if applicable) (i.e. ring/collar mounts, tie-backs, V-bracing kits, etc.); if the existing mount elevation needs to be changed according to the modification drawings, a tape drop measurement shall be provided before the elevation change
  - Photos showing the safety climb wire rope above and below the mount prior to modification.
  - Photos showing the climbing facility and safety climb if present.

**Material Certification:**

- Materials utilized must be as per specification on the drawings or the equivalent as validated by Maser Consulting Connecticut.
  - If the drawings are as specified on the drawings
    - The contractor should provide the packing list or the materials utilized to perform the mount modification
  - If an equivalent is utilized
    - It is required that the Maser Consulting Connecticut certification of such is included in the contractor submission package. There may be an additional charge for this certification if the equivalent submission doesn't meet specifications as prescribed in the drawings.
- The contractor must certify that the materials meet these specifications by one of these methods.
  - The Material utilized was as specified on the Maser Consulting Connecticut Mount Modification Drawings and included in the Material certification folder is a packing list or invoice for these materials
  - The material utilized was an "equivalent" and included as part of the contractor submission is the Maser Consulting Connecticut certification, invoices, or specifications validating accepted status

Certifying Individual: Company \_\_\_\_\_  
Name \_\_\_\_\_  
Signature \_\_\_\_\_

**Antenna & equipment placement and Geometry Confirmation:**

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

Certifying Individual: Company \_\_\_\_\_  
Name \_\_\_\_\_  
Signature \_\_\_\_\_

**Special Instructions / Validation as required from the MA or Mod Drawings:**

**Issue:**

Contractor to ensure all collar bolt members and associated equipment are in good condition. Contractor to replace washers and nuts as needed. If there is integral damage to any mount collar bolt contractor to provide photos to EOR for evaluation.

Contractor to ensure existing and proposed standoff arms do not nor will not interfere with the existing safety climb facilities. Contractor to install safety climb wire rope guides as necessary.

Contractor to wire brush rusted areas and apply 2 coats of galvanization as necessary.

Relocate existing OVP to a new 3' Long P2.0 STD pipe connected to the alpha sector standoff arm. Connect the pipe to the standoff arm using crossover plate (Part #: SQCX4-K or EOR approved equal).

**Response:**

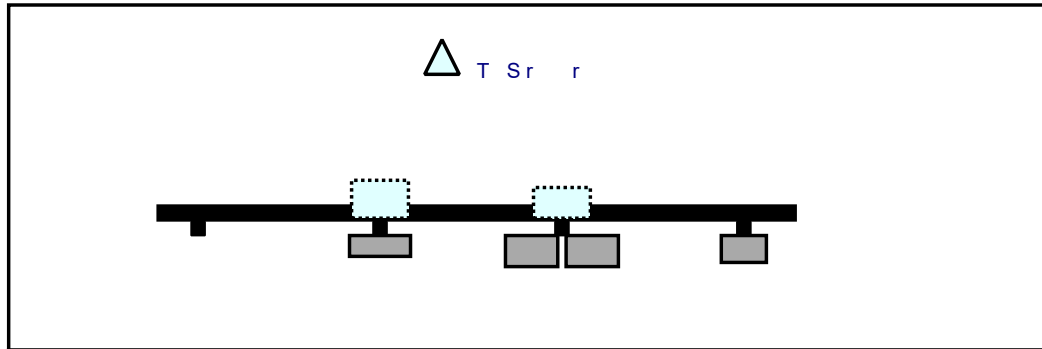
## Schedule A – Photo & Document File Structure

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

S r A  
 Sr r T M  
 M E .

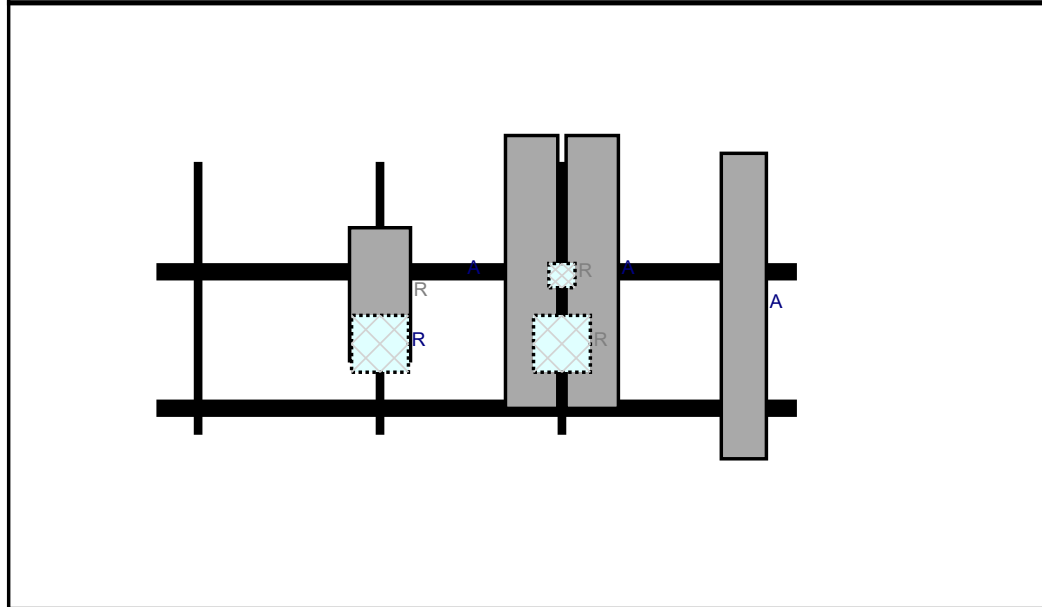
P

Plan View



Front View

L Sr r

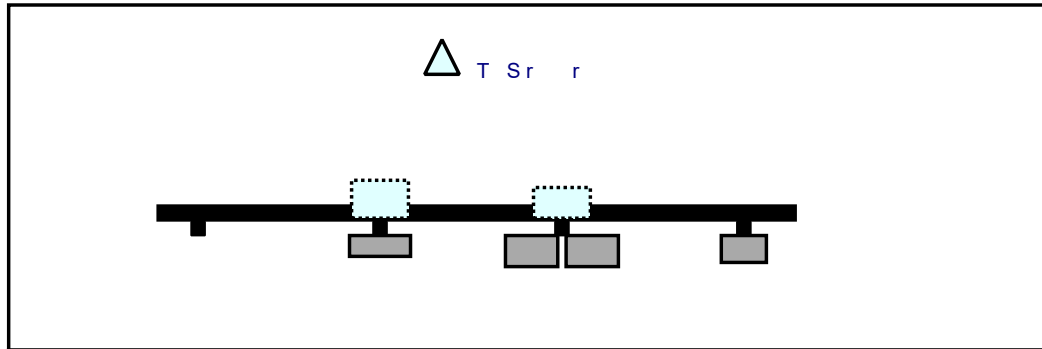


R	M d	d	D	P	P	A	.A	A		
		r L.		P	P	P	r T.	O	S	d
A	L	DSA M	.	.		r	.		R	d
A	A	BR B	.	.		r	.		Add d	
A	A	BR B	.	.		r	.		Add d	
R	B	T DS	.	.		B	d		Add d	
R	B	B RR BR	.	.		B	d		Add d	
R	MT	A	.	.		r	.		Add d	
R	B	B ARR BR	.	.		B	d		Add d	

S r B  
 Sr r T M  
 M E .

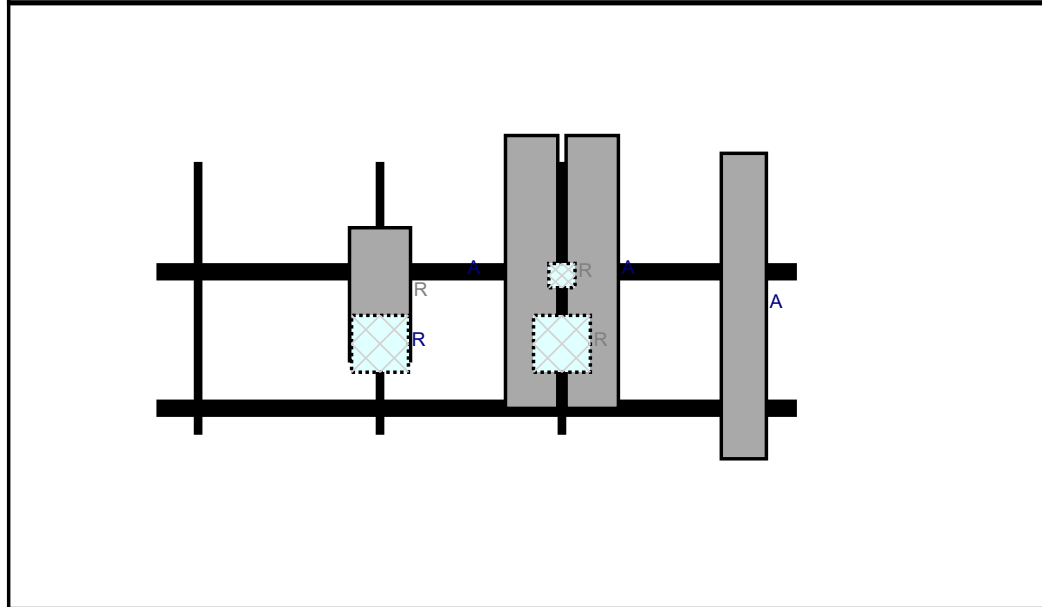
P

Plan View



Front View

L Sr r

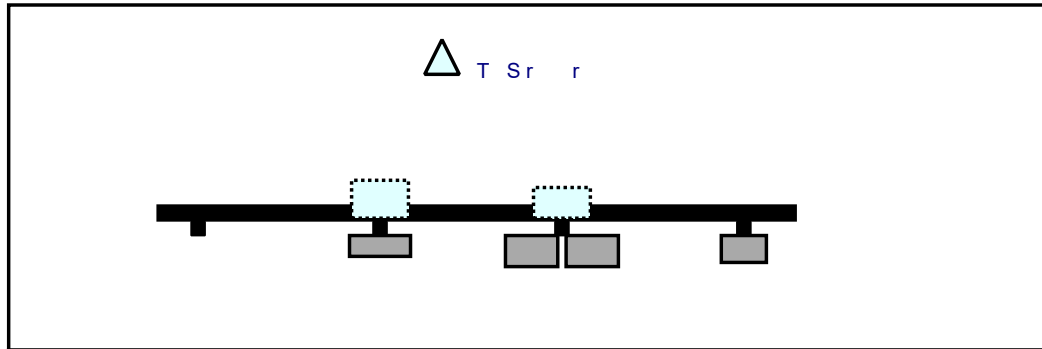


R	M d	d	D	P	P	A	.A	A	r T.	O	S	d
A	L	DSA	M	.	.	r	.	.	.	.	R	d
A	A	BR	B	.	.	r	.	.	.	.	Add	d
A	A	BR	B	.	.	r	.	.	.	.	Add	d
R	B	TDS	.	.	.	B	d	.	.	.	Add	d
R	B	B	RR	BR	.	B	d	.	.	.	Add	d
R	MT	A	.	.	.	r	.	.	.	.	Add	d
R	B	B	ARR	BR	.	B	d	.	.	.	Add	d

S r C  
 Sr r T M  
 M E .

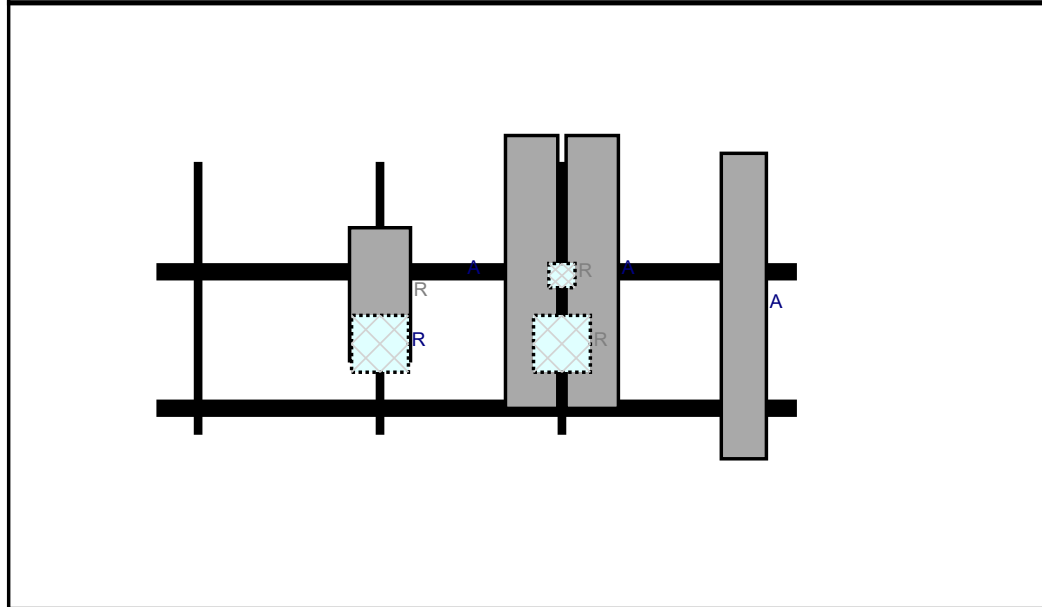
P

Plan View



Front View

L Sr r



d D P P A .A A  
 r L. P P r T. O S

R M d

A	L	DSA M	.	.	r	.	R	d
A	A	BR B	.	.	r	.	Add	d
A	A	BR B	.	.	r	.	Add	d
R	B	T DS	.	.	B	d	Add	d
R	B	B RR BR	.	.	B	d	Add	d
R	MT	A	.	.	r	.	Add	d
R	B	B ARR BR	.	.	B	d	Add	d



**Subject:** *TIA-222-H Usage*

**Site Information**

*Site ID: 469377-VZW / EAST HAMPTON CT  
Site Name: EAST HAMPTON CT  
Carrier Name: Verizon Wireless  
Address: 94 East High St.  
East Hampton, Connecticut 06424  
Middlesex County  
Latitude: 41.587278°  
Longitude: -72.488778°*

**Structure Information**

*Tower Type: Monopole  
Mount Type: 14.08-Ft Platform*

To Whom It May Concern,

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

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

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

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

Sincerely,

Justin Linette, PE  
Sr. Technical Manager

**PROJECT NOTES**

- SEE MODIFICATION NOTES
- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, ORDINANCES, LAWS AND REGULATIONS OF ALL MUNICIPALITIES, UTILITY COMPANIES OR OTHER PUBLIC/GOVERNING AUTHORITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS THAT MAY BE REQUIRED BY ANY FEDERAL, STATE, COUNTY OR MUNICIPAL AUTHORITIES.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER, IN WRITING, OF ANY CONFLICTS, ERRORS OR OMISSIONS PRIOR TO THE SUBMISSION OF BIDS OR PERFORMANCE OF WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING SITE IMPROVEMENTS PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL REPAIR ANY DAMAGE AS A RESULT OF CONSTRUCTION OF THIS FACILITY AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
- THE SCOPE OF WORK FOR THIS PROJECT SHALL INCLUDE PROVIDING ALL MATERIALS, EQUIPMENT AND LABOR REQUIRED TO COMPLETE THIS PROJECT. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO SUBMITTING THE BID TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND CONSTRUCTION DRAWINGS.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THESE DRAWINGS MUST BE VERIFIED. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
- SINCE THE CELL SITE MAY BE ACTIVE, ALL SAFETY PRECAUTIONS MUST BE TAKEN WHEN WORKING AROUND HIGH LEVELS OF ELECTROMAGNETIC RADIATION. EQUIPMENT SHOULD BE SHUTDOWN PRIOR TO PERFORMING ANY WORK THAT COULD EXPOSE THE WORKERS TO DANGER. PERSONAL RF EXPOSURE MONITORS ARE REQUIRED TO BE WORN TO ALERT OF ANY POTENTIALLY DANGEROUS EXPOSURE LEVELS.
- NO NOISE, SMOKE, DUST OR ODOR WILL RESULT FROM THIS FACILITY AS TO CAUSE A NUISANCE.
- THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION (NO HANDICAP ACCESS IS REQUIRED).



**MOUNT MODIFICATION DRAWINGS  
EXISTING 14.08' PLATFORM**

**SITE NAME: EAST HAMPTON CT  
SITE NUMBER: 469377**

**94 EAST HIGH ST  
EAST HAMPTON, CT 06424  
MIDDLESEX COUNTY**

PROJECT INFORMATION	
<b>SITE INFORMATION</b>	
LATITUDE:	41.587278° N
LONGITUDE:	72.488778° W
JURISDICTION:	MIDDLESEX COUNTY
<b>APPLICANT/LESSEE</b>	
COMPANY:	VERIZON WIRELESS
<b>CLIENT REPRESENTATIVE</b>	
COMPANY:	VERIZON WIRELESS
ADDRESS:	118 FLANDERS ROAD, THIRD FLOOR
CITY, STATE, ZIP:	WESTBOROUGH, MA 01581
CONTACT:	ANDREW CANDIELLO
EMAIL:	ANDREW.CANDIELLO@VERIZONWIRELESS.COM
<b>PROJECT MANAGER</b>	
COMPANY:	MASER CONSULTING CONNECTICUT
CONTACT:	PETER ALBANO
PHONE:	856-797-0412
E-MAIL:	PETER.ALBANO@COLLIERSENGINEERING.COM

SHEET INDEX	
SHEET	DESCRIPTION
T-1	TITLE SHEET
S-1	BILL OF MATERIALS
S-2	MODIFICATION NOTES
S-3	MODIFICATION NOTES
S-4	MODIFICATION DETAILS
S-5	MODIFICATION DETAILS
S-6	MOUNT PHOTOS
	SPECIFICATION SHEETS

CONTRACTOR PMI REQUIREMENTS	
PMI LOCATION:	HTTPS://PMI.VZWSMART.COM
SMART TOOL PROJECT #:	10070586
VZW LOCATION CODE (PSLC):	469377
FUZE ID:	16272160
PMI REQUIREMENTS EMBEDDED WITHIN MOUNT MODIFICATION REPORT	

REFERENCED DOCUMENTS	
FAILING MOUNT ANALYSIS REPORT	
SMART TOOL PROJECT #:	10046639
MASER CONSULTING PROJECT #:	21777315A
ANALYSIS DATE:	5/12/2021

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SCALE:	AS SHOWN	JOB NUMBER:	21777315A
ISSUED FOR CONSTRUCTION:	6/24/2021	MSG	JPL
REV	DATE	DESCRIPTION	DRAWN BY / CHECKED BY

**Justin Perreault**  
REGISTERED PROFESSIONAL ENGINEER  
LICENSE NUMBER: 31965  
MASER CONSULTING  
C.T. C.O.A.#: JPC 0000131

Digitally signed by Justin Perreault  
Date: 2021.06.24 14:40:04'00'

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**SITE NAME:**  
**EAST HAMPTON CT  
469377**  
**94 EAST HIGH ST  
EAST HAMPTON, CT 06424  
MIDDLESEX COUNTY**

**MT. LAUREL OFFICE**  
2000 Piedmont Drive  
Suite 100  
Mount Laurel, NJ 08054  
Phone: 856.797.0412  
Fax: 856.722.1120

SHEET TITLE:  
**TITLE SHEET**

SHEET NUMBER:  
**T-1**

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.

# BILL OF MATERIALS

## VZWSMART KITS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES
3	VZWSMART	VZWSMART-PLK3	SUPPORT RAIL CORNER BRACKET	
12		VZWSMART-MSK I	CROSSOVER PLATE	

## OTHER REQUIRED PARTS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES
3	-	-	162" LONG, P2.5 STD	GALVANIZED
3	-	-	36" LONG, L3x3x1/4	GALVANIZED; CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET S-2
1	-	PRK-SFS	36" LONG, P2.0 STD	GALVANIZED
1	SITE PRO I	PRK-SFS-L	SUPPORT RAIL REINFORCEMENT KIT	OR EOR APPROVED EQUAL, CONTACT MASER CONSULTING CONNECTICUT FOR APPROVAL OF SUBSTITUTION
1	SITE PRO I	SQCX4-K	CROSSOVER PLATE KIT W/ SQUARE U-BOLTS AND STD. U-BOLTS	OR EOR APPROVED EQUAL, CONTACT MASER CONSULTING CONNECTICUT FOR APPROVAL OF SUBSTITUTION

**NOTE: ALL MATERIALS REQUIRED FOR THE DESIGNED MODIFICATIONS BUT NOT LISTED IN THIS SHEET ARE ASSUMED TO BE PROVIDED BY THE CONTRACTOR**

### VZWSMART KITS - APPROVED VENDORS

<b>COMMSCOPE</b>	
CONTACT	SALVADOR ANGUIANO
PHONE	(817) 304-7492
EMAIL	SALVADOR.ANGUIANO@COMMSCOPE.COM
WEBSITE	WWW.COMMSCOPE.COM
<b>METROSITE FABRICATORS, LLC</b>	
CONTACT	KENT RAMEY
PHONE	(706) 335-7045 (O), (706) 982-9788 (M)
EMAIL	KENT@METROSITELLC.COM
WEBSITE	METROSITEFABRICATORS.COM
<b>PERFECTVISION</b>	
CONTACT	WIRELESS SALES
PHONE	(844) 887-6723
EMAIL	WWW.PERFECT-VISION.COM
WEBSITE	WIRELESSSALES@PERFECT-VISION.COM
<b>SABRE INDUSTRIES, INC.</b>	
CONTACT	ANGIE WELCH
PHONE	(866) 428-6937
EMAIL	AKWELCH@SABREINDUSTRIES.COM
WEBSITE	WWW.SABRESITESOLUTIONS.COM
<b>SITE PRO 1</b>	
CONTACT	PAULA BOSWELL
PHONE	(972) 236-9843
EMAIL	PAULA.BOSWELL@VALMONT.COM
WEBSITE	WWW.SITEPRO1.COM


NOTE: WHEN SPECIFIED, VZWSMART KITS SHALL BE REQUIRED AND WILL BE VERIFIED DURING THE DESKTOP PMI



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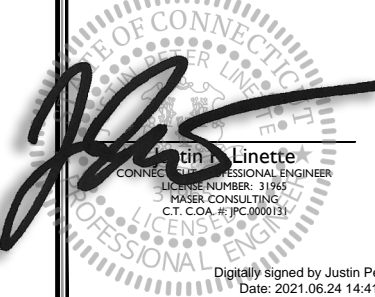
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■ NEW YORK	■ MARYLAND
■ PENNSYLVANIA	■ GEORGIA
■ VIRGINIA	■ TEXAS
■ FLORIDA	■ TENNESSEE
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REV	DATE	DESCRIPTION	DRAWN BY / CHECKED BY
0	6/24/2021	ISSUED FOR CONSTRUCTION	HSG / JPL





Justin Perreault  
Linette  
CONNECTICUT PROFESSIONAL ENGINEER  
LICENSE NUMBER: 31965  
MASER CONSULTING  
C.T. C.O.A. #: JPC 0000131  
Digitally signed by Justin Perreault  
Date: 2021.06.24 14:41:00

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SITE NAME:

EAST HAMPTON CT  
469377  
94 EAST HIGH ST  
EAST HAMPTON, CT 06424  
MIDDLESEX COUNTY



**MT. LAUREL OFFICE**  
2000 Millstone Drive  
Suite 100  
Mount Laurel, NJ 08054  
Phone: 856.797.0412  
Fax: 856.722.1120

SHEET TITLE:  
**BILL OF MATERIALS**

SHEET NUMBER:  
**S-1**

M:\Projects\162844\077 EAST HAMPTON CT Hamptn\Drawings\BMS - 20210623.dwg P1

**GENERAL NOTES**

1. THESE MODIFICATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE TELECOMMUNICATIONS INDUSTRY STANDARD TIA-222-H. MATERIALS AND SERVICES PROVIDED BY THE CONTRACTOR SHALL CONFORM TO THE ABOVE MENTIONED CODES.
2. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT DAMAGE TO EXISTING STRUCTURES. ANY DAMAGE TO EXISTING STRUCTURES AS A RESULT OF THE CONTRACTOR'S WORK OR FROM DAMAGE DUE TO OTHER CAUSES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS BEFORE BEGINNING WORK, ORDERING MATERIAL, AND PREPARING OF SHOP DRAWINGS. ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER. IF THE CONTRACTOR DISCOVERS ANY EXISTING CONDITIONS THAT ARE NOT REPRESENTED ON THESE DRAWINGS, OR ANY CONDITIONS THAT WOULD INTERFERE WITH THE INSTALLATION OF THE MODIFICATIONS, NOTIFY THE ENGINEER IMMEDIATELY.
4. IT IS ASSUMED THAT ANY STRUCTURAL MODIFICATION WORK SPECIFIED ON THESE PLANS WILL BE ACCOMPLISHED BY KNOWLEDGEABLE WORKMEN WITH TOWER CONSTRUCTION EXPERIENCE.
5. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION METHODS, MEANS, TECHNIQUES, SEQUENCES, AND PROCEDURES.
6. ALL CONSTRUCTION MEANS AND METHODS; INCLUDING BUT NOT LIMITED TO, ERECTION PLANS, RIGGING PLANS, CLIMBING PLANS, AND RESCUE PLANS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR RESPONSIBLE FOR THE EXECUTION OF THE WORK CONTAINED HEREIN AND SHALL MEET ANSITIA-322 (LATEST EDITION), OSHA, AND GENERAL INDUSTRY STANDARDS. ALL RIGGING PLANS SHALL ADHERE TO ANSITIA-322 (LATEST EDITION) INCLUDING THE REQUIRED INVOLVEMENT OF A QUALIFIED ENGINEER FOR CLASS IV CONSTRUCTION.
7. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PROGRAMS IN ACCORDANCE WITH APPLICABLE SAFETY CODES.
8. WORK SHALL ONLY BE PERFORMED DURING CALM DRY DAYS (WINDS LESS THAN 30-MPH). THE STRUCTURE SHOWN ON THE DRAWINGS IS STRUCTURALLY SOUND ONLY IN THE COMPLETED FORM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STRENGTH AND STABILITY OF THE STRUCTURE DURING ERECTION. CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORT, SHORING, BRACING AND ANY OTHER STRUCTURAL SYSTEMS AS REQUIRED TO RESIST ALL FORCES THAT MAY OCCUR DURING HANDLING AND ERECTION UNTIL THE STRUCTURE IS FULLY COMPLETED. TEMPORARY SUPPORTS, BRACING AND OTHER STRUCTURAL SYSTEMS REQUIRED DURING CONSTRUCTION SHALL REMAIN THE CONTRACTOR'S PROPERTY AFTER THEIR USE.
9. ALL INSTALLATIONS PERFORMED ON THIS STRUCTURE SHALL BE COMPLETED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE STANDARD FOR INSTALLATION, ALTERATION AND MAINTENANCE OF ANTENNA SUPPORTING STRUCTURES AND ANTENNAS, ANSITIA-322.
10. CONTRACTOR SHALL SECURE SITE BACK TO EXISTING CONDITION UNDER SUPERVISION OF OWNER. ALL FENCE, STONE, GEOFABRIC, GROUNDING, AND SURROUNDING GRADE SHALL BE REPLACED AND REPAIRED AS REQUIRED TO ACHIEVE OWNER APPROVAL. POSITIVE DRAINAGE AWAY FROM TOWER SITE SHALL BE MAINTAINED.
11. CONNECTIONS BETWEEN ITEMS SUPPORTED BY THE STRUCTURE AND THE STRUCTURE NOT SPECIFICALLY DETAILED IN THE CONTRACT DOCUMENTS ARE THE RESPONSIBILITY OF THE CONTRACTOR. SUCH CONNECTIONS SHALL BE DESIGNED, COORDINATED AND INSPECTED BY A PROFESSIONAL STRUCTURAL ENGINEER LICENSED IN THE STATE OF THE PROJECT. SUBMIT SIGNED AND SEALED CALCULATIONS DURING SHOP DRAWING REVIEW.
12. DO NOT SCALE DRAWINGS.
13. DO NOT USE THESE DRAWINGS FOR ANY OTHER SITE.
14. ALL MATERIAL UTILIZED FOR THIS PROJECT MUST BE NEW AND FREE OF ANY DEFECTS. ANY MATERIAL SUBSTITUTIONS, INCLUDING BUT NOT LIMITED TO ALTERED SIZE AND/OR STRENGTHS, MUST BE APPROVED BY THE OWNER AND ENGINEER IN WRITING.
15. THE MOUNT UNDER NO CIRCUMSTANCES SHOULD BE USED AS A TIE OFF POINT.

**DESIGN LOADS**

- WIND LOADS
- a. BASIC WIND SPEED (3 SECOND GUST), V = 120 MPH
  - b. EXPOSURE CATEGORY C
  - c. TOPOGRAPHIC CATEGORY I
  - d. MEAN BASE ELEVATION (AMSL) = 664.58'

- ICE LOADS
- a. ICE WIND SPEED (3 SECOND GUST), V = 50 MPH
  - b. ICE THICKNESS = 1.00 IN

- SEISMIC LOADS
- a. SEISMIC DESIGN CATEGORY B
  - b. SHORT TERM MCER GROUND MOTION, S<sub>s</sub> = .209
  - c. LONG TERM MCER GROUND MOTION, S<sub>l</sub> = .056

**STRUCTURAL STEEL**

1. DESIGN, DETAILING, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING PUBLICATIONS EXCEPT AS SPECIFICALLY INDICATED IN THE CONTRACT DOCUMENTS.
  - a. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) MANUAL OF STEEL CONSTRUCTION (15TH EDITION)
  - b. SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS
  - c. AISC CODE OF STANDARD PRACTICE
2. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING UNLESS OTHERWISE SHOWN:

CHANNELS, ANGLES, PLATES, ETC.	ASTM A36 (GR 36)
STEEL PIPE	ASTM A53 (GR 35)
BOLTS	ASTM A325
NUTS	ASTM A563
LOCK WASHERS	LOCKING STRUCTURAL GRADE

3. ALL SUBSTITUTIONS PROPOSED BY THE CONTRACTOR SHALL BE APPROVED IN WRITING BY THE ENGINEER. CONTRACTOR SHALL PROVIDE DOCUMENTATION TO ENGINEER FOR VERIFYING THE SUBSTITUTE IS SUITABLE FOR USE AND MEETS ORIGINAL DESIGN CRITERIA. DIFFERENCES FROM THE ORIGINAL DESIGN, INCLUDING MAINTENANCE, REPAIR AND REPLACEMENT, SHALL BE NOTED. ESTIMATES OF COSTS/CREDITS ASSOCIATED WITH THE SUBSTITUTION (INCLUDING RE-DESIGN COSTS AND COSTS TO SUB-CONTRACTORS) SHALL BE PROVIDED TO THE ENGINEER. CONTRACTOR SHALL PROVIDE ADDITIONAL DOCUMENTATION AND/OR SPECIFICATIONS TO THE ENGINEER AS REQUESTED.
4. PROVIDE STRUCTURAL STEEL SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
  - a. SUBMIT SHOP DRAWINGS TO PETER.ALBANO@COLLIERSENGINEERING.COM
  - b. PROVIDE MASER CONSULTING CONNECTICUT PROJECT # AND MASER CONSULTING CONNECTICUT PROJECT ENGINEER CONTACT IN THE BODY OF THE EMAIL.
5. DRILL NO HOLES IN ANY NEW OR EXISTING STRUCTURAL STEEL MEMBERS OTHER THAN THOSE SHOWN ON STRUCTURAL DRAWINGS WITHOUT THE APPROVAL OF THE ENGINEER OF RECORD.
6. GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
7. ALL NEW STEEL SHALL BE HOT BE DIPPED GALVANIZED FOR FULL WEATHER PROTECTION. IN ADDITION ALL NEW STEEL SHALL BE PAINTED TO MATCH EXISTING STEEL. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROTECT STEEL BY ANY OTHER MEANS.
8. ALL BOLT ASSEMBLIES FOR STRUCTURAL MEMBERS REPRESENTED IN THIS DRAWING REQUIRE LOCKING DEVICES TO BE INSTALLED IN ACCORDANCE WITH TIA-222-H SECTION 4.9.2 REQUIREMENTS.
9. WHERE CONNECTIONS ARE NOT FULLY DETAILED ON THESE DRAWINGS, FABRICATOR SHALL DESIGN CONNECTIONS TO RESIST LOADS AND FORCES WHERE SHOWN ON DRAWINGS AND AS OUTLINED IN SPECIFICATIONS.
10. FOR MEMBERS BEING REPLACED, PROVIDE NEW BOLTS AND MATCH EXISTING SIZE AND GRADE. MAINTAIN AISC REQUIREMENTS FOR MINIMUM BOLT DISTANCE AND SPACING.
11. ALL PROPOSED AND/OR REPLACED BOLTS SHALL BE OF SUFFICIENT LENGTH SUCH THAT THE END OF THE BOLT IS AT LEAST FLUSH WITH THE FACE OF THE NUT. IT IS NOT PERMITTED FOR THE BOLT END TO BE BELOW THE FACE OF THE NUT AFTER TIGHTENING IS COMPLETED.
12. GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.

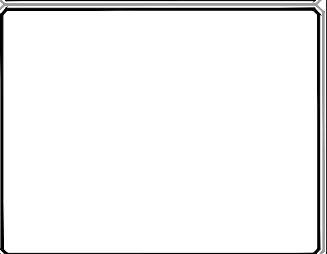
13. ALL NEW STEEL SHALL BE HOT BE DIPPED GALVANIZED FOR FULL WEATHER PROTECTION. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROTECT STEEL BY ANY OTHER MEANS.
14. ALL EXISTING PAINTED/GALVANIZED SURFACES DAMAGED DURING REHAB INCLUDING AREAS UNDER STIFFENER PLATES SHALL BE WIRE BRUSHED CLEAN, REPAIRED BY COLD GALVANIZING (ZINGA OR ZINC COTE), AND REPAINTED TO MATCH THE EXISTING FINISH (IF APPLICABLE).
15. ALL HOLES IN STEEL MEMBERS SHALL BE SIZED 1/16" LARGER THAN THE BOLT DIAMETER. STANDARD HOLES SHALL BE USED UNLESS NOTED OTHERWISE.



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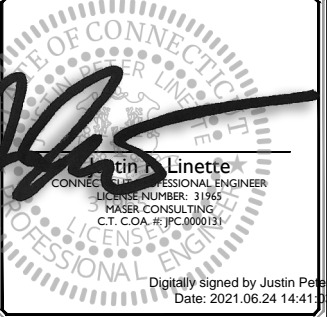


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Justin Linette  
 CONNECTICUT PROFESSIONAL ENGINEER  
 LICENSE NUMBER: 31965  
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 C.T. C.O.A. #: JPC 0000131

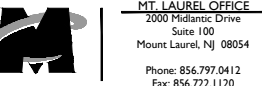
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SHEET TITLE:  
**MODIFICATION NOTES**

SHEET NUMBER:  
**S-2**

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**MODIFICATION INSPECTION NOTES**

MI CHECKLIST	
CONSTRUCTION/ INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY EOR)	REPORT ITEM
PRE-CONSTRUCTION	
X	MI CHECKLIST DRAWING
X	EOB APPROVED SHOP DRAWINGS
NA	FABRICATION INSPECTION
NA	FABRICATOR CERTIFIED WELD INSPECTION
X	MATERIAL TEST REPORT (MTR)
NA	FABRICATOR NDE INSPECTION
X	PACKING SLIPS
ADDITIONAL TESTING AND INSPECTIONS:	
CONSTRUCTION	
X	CONSTRUCTION INSPECTIONS
NA	CONTRACTOR'S CERTIFIED WELD INSPECTION AND NDE REPORTS
X	ON SITE COLD GALVANIZING VERIFICATION
X	GC AS-BUILT DOCUMENTS
ADDITIONAL TESTING AND INSPECTIONS:	
POST-CONSTRUCTION	
X	MI INSPECTOR REDLINE OR RECORD DRAWING(S)
X	VZW PMI DOCUMENTS
X	PHOTOGRAPHS
ADDITIONAL TESTING AND INSPECTIONS:	

NOTE: X DENOTES A DOCUMENT REQUIRED FOR THE MI REPORT  
 NA DENOTES A DOCUMENT THAT IS NOT REQUIRED FOR THE MI REPORT

THE MODIFICATION INSPECTION (MI) IS A VISUAL INSPECTION OF MODIFICATIONS AND A REVIEW OF CONSTRUCTION INSPECTIONS AND OTHER REPORTS TO ENSURE THE INSTALLATION WAS CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, NAMELY THE MODIFICATION DRAWINGS, AS DESIGNED BY THE ENGINEER OF RECORD (EOR).

THE MI IS TO CONFIRM INSTALLATION CONFIGURATION AND WORKMANSHIP ONLY AND IS NOT A REVIEW OF THE MODIFICATION DESIGN ITSELF, NOR DOES THE MI INSPECTOR TAKE OWNERSHIP OF THE MODIFICATION DESIGN. OWNERSHIP OF THE STRUCTURAL MODIFICATION DESIGN EFFECTIVENESS AND INTEGRITY RESIDES WITH THE EOR AT ALL TIMES.

TO ENSURE THAT THE REQUIREMENTS OF THE MI ARE MET, IT IS VITAL THAT THE GENERAL CONTRACTOR (GC) AND THE MI INSPECTOR BEGIN COMMUNICATING AND COORDINATING AS SOON AS A PURCHASE ORDER ( PO) IS RECEIVED. IT IS EXPECTED THAT EACH PARTY WILL BE PROACTIVE IN REACHING OUT TO THE OTHER PARTY.

**MI INSPECTOR**

THE MI INSPECTOR IS REQUIRED TO CONTACT THE GC AS SOON AS RECEIVING A PO FOR THE MI TO, AT A MINIMUM:

- REVIEW THE REQUIREMENTS OF THE MI CHECKLIST
- WORK WITH THE GC TO DEVELOP A SCHEDULE TO CONDUCT ON-SITE INSPECTIONS

THE MI INSPECTOR IS RESPONSIBLE FOR COLLECTING ALL GC INSPECTION AND TEST REPORTS, REVIEWING THE DOCUMENTS FOR ADHERENCE TO THE CONTRACT DOCUMENTS, CONDUCTING THE IN-FIELD INSPECTIONS, AND SUBMITTING THE MI REPORT TO EOR.

**GENERAL CONTRACTOR**

THE GC IS REQUIRED TO CONTACT THE MI INSPECTOR AS SOON AS RECEIVING A PO FOR THE MODIFICATION INSTALLATION OR TURNKEY PROJECT TO, AT A MINIMUM:

- REVIEW THE REQUIREMENTS OF THE MI CHECKLIST
- WORK WITH THE MI INSPECTOR TO DEVELOP A SCHEDULE TO CONDUCT ON-SITE MI INSPECTIONS, INCLUDING FOUNDATION INSPECTIONS
- BETTER UNDERSTAND ALL INSPECTION AND TESTING REQUIREMENTS

THE GC SHALL PERFORM AND RECORD THE TEST AND INSPECTION RESULTS IN ACCORDANCE WITH THE REQUIREMENTS OF THE MI CHECKLIST.

**RECOMMENDATIONS**

THE FOLLOWING RECOMMENDATIONS AND SUGGESTIONS ARE OFFERED TO ENHANCE THE EFFICIENCY AND EFFECTIVENESS OF DELIVERING AN MI REPORT:

- IT IS SUGGESTED THAT THE GC PROVIDE A MINIMUM OF 5 BUSINESS DAYS NOTICE, PREFERABLY 10, TO THE MI INSPECTOR AS TO WHEN THE SITE WILL BE READY FOR THE MI TO BE CONDUCTED.
- THE GC AND MI INSPECTOR COORDINATE CLOSELY THROUGHOUT THE ENTIRE PROJECT.
- WHEN POSSIBLE, IT IS PREFERRED TO HAVE THE GC AND MI INSPECTOR ON-SITE SIMULTANEOUSLY FOR ANY GUY WIRE TENSIONING OR RE-TENSIONING OPERATIONS.
- IT MAY BE BENEFICIAL TO INSTALL ALL MODIFICATIONS PRIOR TO CONDUCTING THE FOUNDATION INSPECTIONS TO ALLOW THE FOUNDATION AND MI INSPECTION(S) TO COMMENCE WITH ONE SITE VISIT.
- WHEN POSSIBLE, IT IS PREFERRED TO HAVE THE GC AND MI INSPECTOR ON-SITE DURING THE MI TO HAVE ANY DEFICIENCIES CORRECTED DURING THE INITIAL MI. THEREFORE, THE GC MAY CHOOSE TO COORDINATE THE MI CAREFULLY TO ENSURE ALL CONSTRUCTION FACILITIES ARE AT THEIR DISPOSAL WHEN THE MI INSPECTOR IS ON SITE.

**CORRECTION OF FAILING MI'S**

IF THE MODIFICATION INSTALLATION WOULD FAIL THE MI ("FAILED MI"), THE GC SHALL WORK WITH THE OWNER TO COORDINATE A REMEDIATION PLAN:

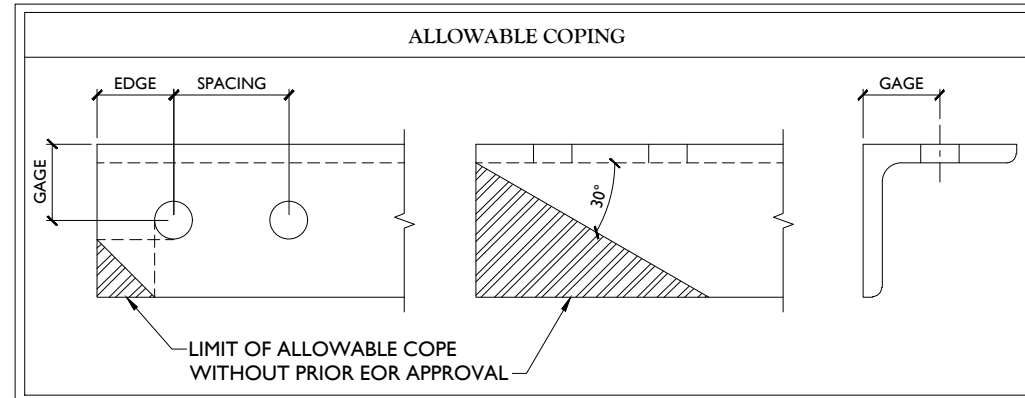
- CORRECT FAILING ISSUES TO COMPLY WITH THE SPECIFICATIONS CONTAINED IN THE ORIGINAL CONTRACT DOCUMENTS AND COORDINATE A SUPPLEMENT MI.

**REQUIRED PHOTOS**

BETWEEN THE GC AND THE MI INSPECTOR THE FOLLOWING PHOTOGRAPHS, AT A MINIMUM, ARE TO BE TAKEN AND INCLUDED IN THE MI REPORT:

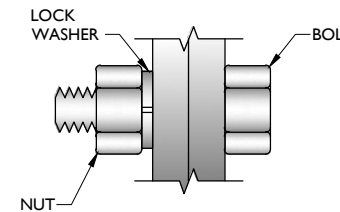
- PRE-CONSTRUCTION GENERAL SITE CONDITION
- PHOTOGRAPHS DURING THE REINFORCEMENT MODIFICATION CONSTRUCTION/ERECTION AND INSPECTION
  - RAW MATERIALS
  - PHOTOS OF ALL CRITICAL DETAILS
  - FOUNDATION MODIFICATIONS
  - WELD PREPARATION
  - BOLT INSTALLATION
  - FINAL INSTALLED CONDITION
  - SURFACE COATING REPAIR
- POST CONSTRUCTION PHOTOGRAPHS
  - FINAL INFIELD CONDITION

PHOTOS OF ELEVATED MODIFICATIONS TAKEN ONLY FROM THE GROUND SHALL BE CONSIDERED INADEQUATE.



BOLT DIAMETER	STANDARD HOLE	SHORT SLOT	MIN. EDGE DISTANCE	SPACING
1/2	9/16	9/16 x 11/16	7/8	1 1/2
5/8	11/16	11/16 x 7/8	1 1/8	1 7/8
3/4	13/16	13/16 x 1	1 1/4	2 1/4
7/8	15/16	15/16 x 1 1/8	1 1/2	2 5/8
1	1 1/16	1 1/16 x 1 5/16	1 3/4	3

LEG	GAGE
4	2 1/2
3 1/2	2
3	1 3/4
2 1/2	1 3/8
2	1 1/8



TYP. BOLT ASSEMBLY

**NOTES:**

- ALL DIMENSIONS REPRESENTED IN THE ABOVE TABLES ARE AISC MINIMUM REQUIREMENTS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN FIELD AND NOTIFY ENGINEER IF DISTANCES ARE LESS THAN THOSE PROVIDED.
- THE DIMENSIONS PROVIDED ARE MINIMUM REQUIREMENTS. ACTUAL DIMENSIONS OF PROPOSED MEMBERS WITHIN THESE DRAWINGS MAY VARY FROM THE AISC MINIMUM REQUIREMENTS.
- SHORT SLOT HOLES SHALL ONLY BE USED WHEN DEPICTED IN THE DRAWINGS
- MATCH EXISTING GAGES WHEN APPLICABLE, UNLESS MINIMUM EDGE DISTANCES ARE COMPROMISED.

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SHEET TITLE: **MODIFICATION NOTES**

SHEET NUMBER: **S-3**



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**Justin Linette**  
 PROFESSIONAL ENGINEER  
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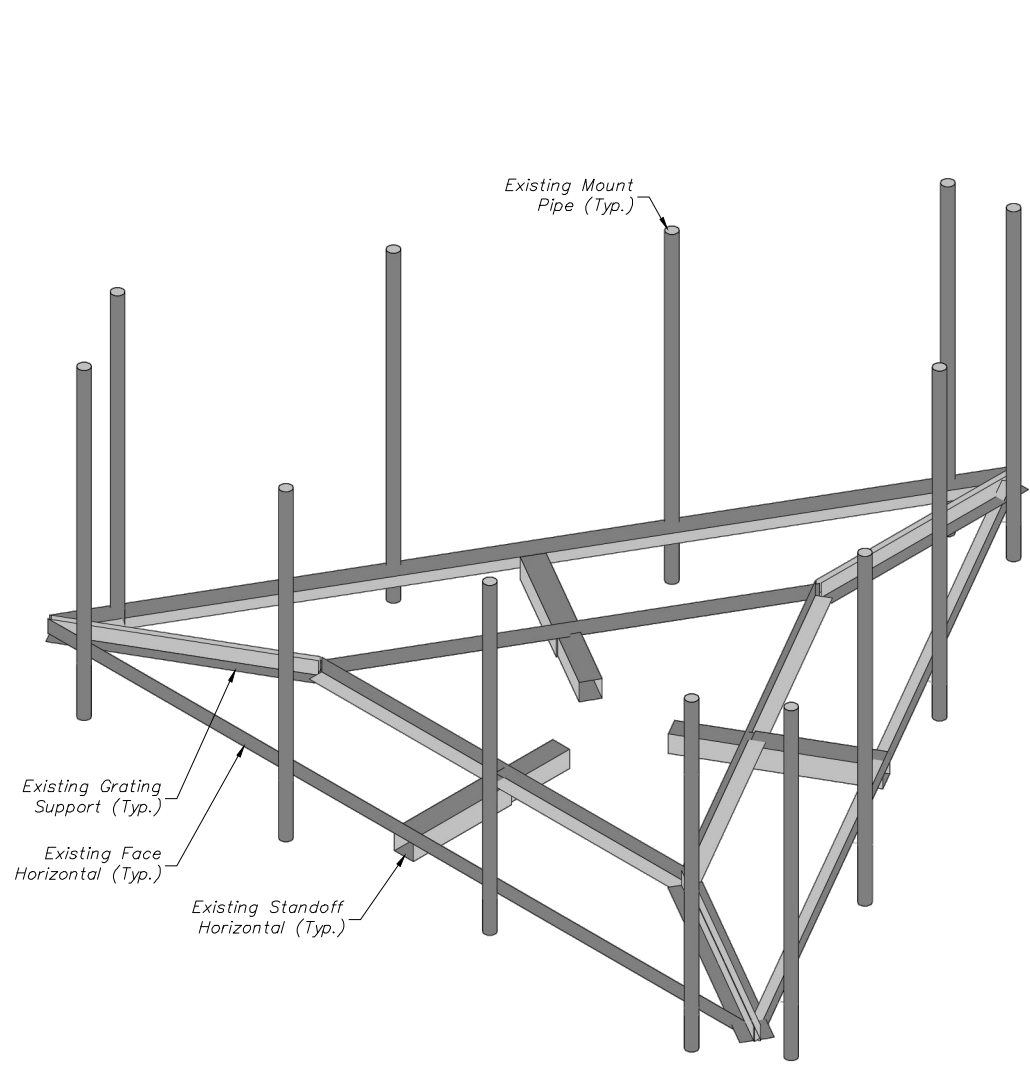
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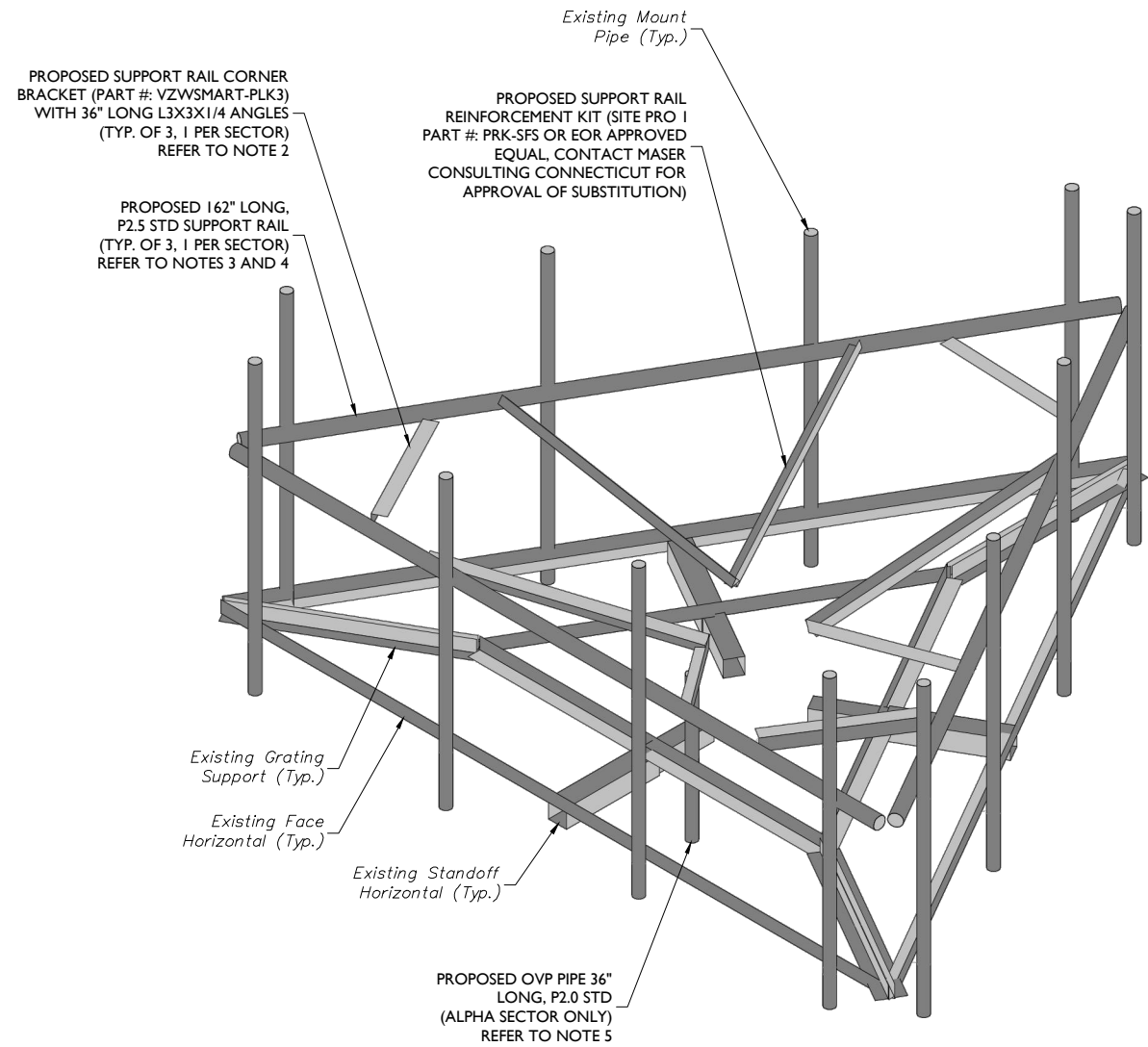
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SHEET TITLE:  
**MODIFICATION DETAILS**

SHEET NUMBER:  
**S-4**



**1** EXISTING PLATFORM ISOMETRIC VIEW  
 SCALE : N.T.S.



**2** PROPOSED PLATFORM ISOMETRIC VIEW  
 SCALE : N.T.S.

**STRUCTURAL NOTES:**

- PER THE MOUNT MAPPING COMPLETED BY ROAMING NETWORKS INC. ON 4/4/2021, THE SAFETY CLIMB AND CLIMBING FACILITIES UP TO THE VERIZON MOUNT ELEVATION (106'-0") ARE IN GOOD CONDITION. MASER DOES NOT WARRANT THIS INFORMATION.
- INSTALL SHALL NOT CAUSE HARM TO THE STRUCTURE, CLIMBING FACILITY, SAFETY CLIMB, OR ANY SYSTEM INSTALLED ON THE STRUCTURE. TIMELY NOTICE AND DOCUMENTATION SHALL BE PROVIDED BY CONTRACTORS TO THE EOR (OF STRUCTURAL DESIGN) IF AN OBSTRUCTION WAS REQUIRED TO MEET THE RF SYSTEM DESIGN REQUIREMENTS AND PERFORMANCES.

**MODIFICATION NOTES:**

- MOUNT MEMBERS NOT SHOWN FOR CLARITY U.N.O.
- CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET S-2.
- RADIO AND/OR TME POSITIONS SHALL BE ADJUSTED VERTICALLY AS NEEDED IN ORDER TO ACHIEVE INSTALLATION OF HORIZONTAL AS SHOWN. EOR SHALL BE NOTIFIED IF EQUIPMENT NEEDS TO BE RELOCATED TO ANOTHER MOUNT PIPE.
- CONNECT NEW HORIZONTAL TO ALL EXISTING VERTICAL MOUNT PIPES WITH CROSSOVER PLATES (PART #: VZWSMART-MSK1).
- CONNECT NEW OVP PIPE TO EXISTING STANDOFF HORIZONTAL WITH CROSSOVER PLATES (SITE PRO I PART #: SQCX4-K, OR EOR APPROVED EQUAL, CONTACT MASER CONSULTING CONNECTICUT FOR APPROVAL OF SUBSTITUTION).



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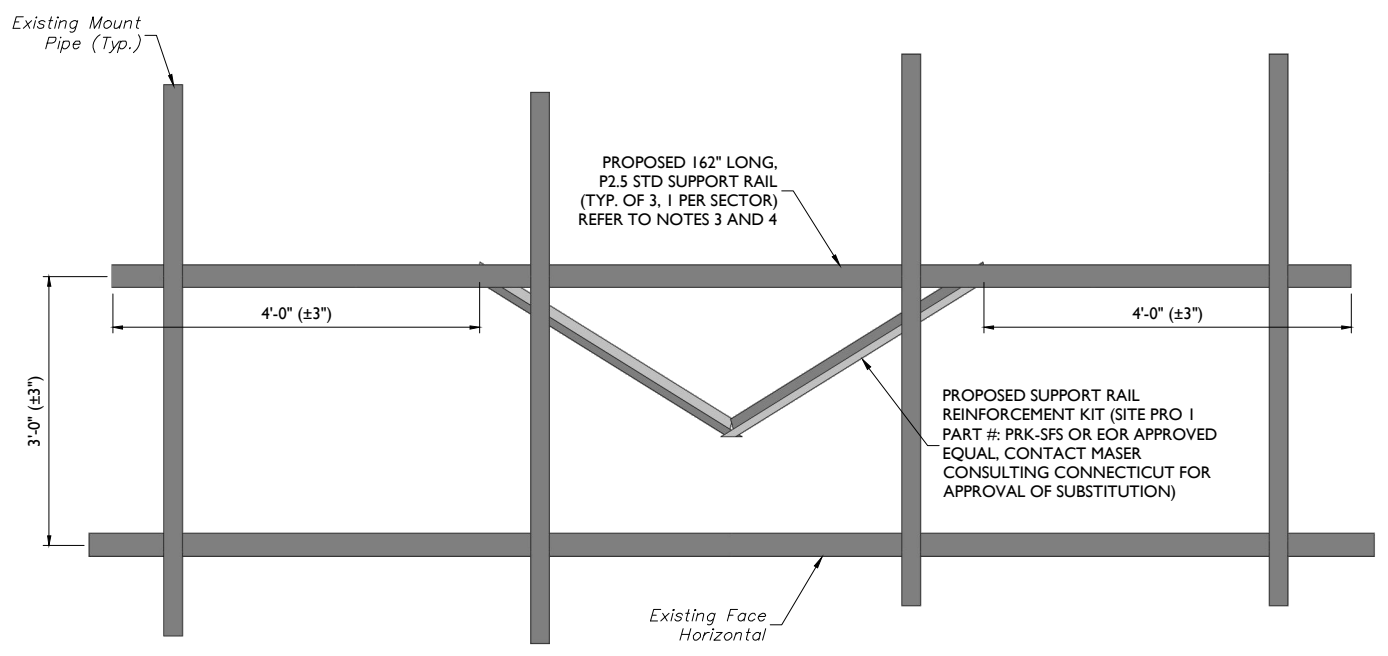
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 EAST HAMPTON, CT 06424  
 MIDDLESEX COUNTY

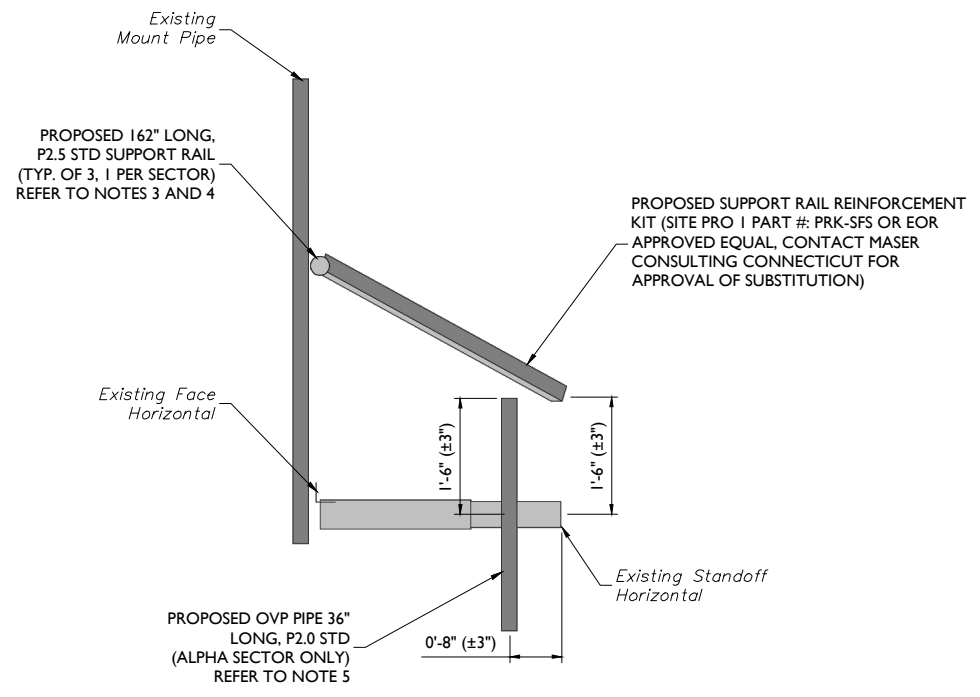
**MT. LAUREL OFFICE**  
 2000 Midlantic Drive  
 Suite 100  
 Mount Laurel, NJ 08054  
 Phone: 856.797.0412  
 Fax: 856.722.1120

SHEET TITLE:  
**MODIFICATION DETAILS**

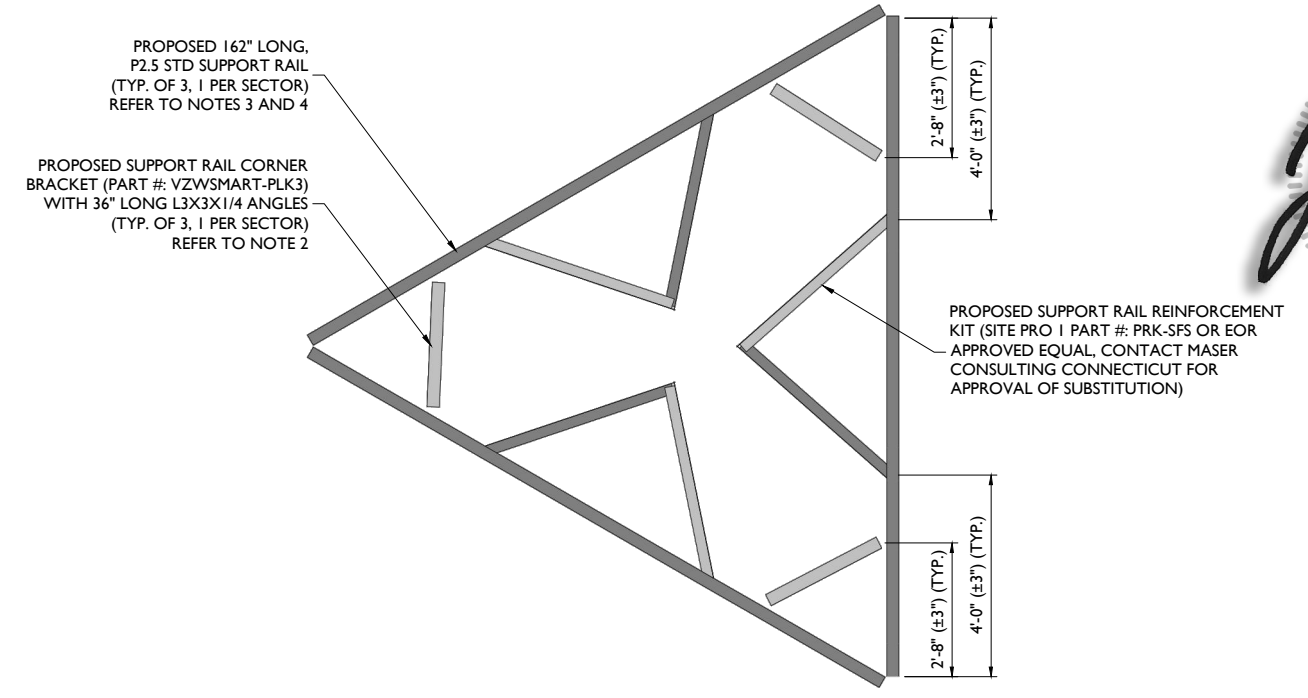
SHEET NUMBER:  
**S-5**



**1** PROPOSED FRONT ELEVATION (TYP. ALL SECTORS)  
 SCALE : N.T.S.



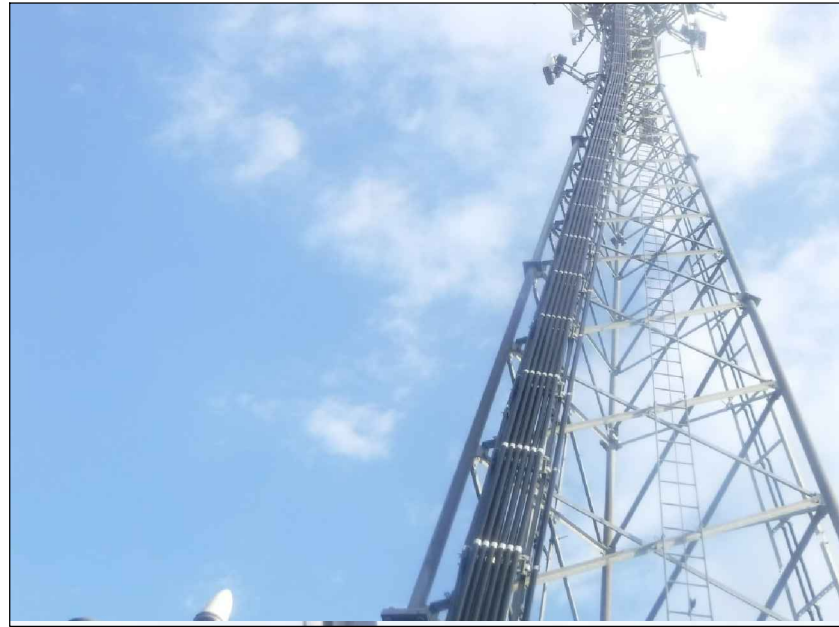
**2** PROPOSED SIDE ELEVATION (TYP. ALL SECTORS)  
 SCALE : N.T.S.



**3** PROPOSED PLAN VIEW  
 SCALE : N.T.S.

**MODIFICATION NOTES:**

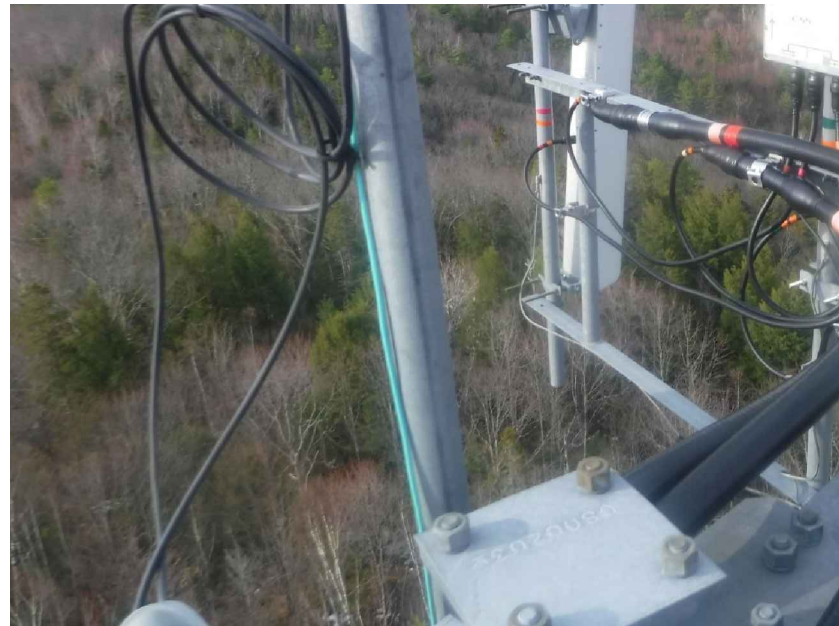
- MOUNT MEMBERS NOT SHOWN FOR CLARITY U.N.O.
- CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET S-2.
- RADIO AND/OR TME POSITIONS SHALL BE ADJUSTED VERTICALLY AS NEEDED IN ORDER TO ACHIEVE INSTALLATION OF HORIZONTAL AS SHOWN. EOR SHALL BE NOTIFIED IF EQUIPMENT NEEDS TO BE RELOCATED TO ANOTHER MOUNT PIPE.
- CONNECT NEW HORIZONTAL TO ALL EXISTING VERTICAL MOUNT PIPES WITH CROSSOVER PLATES (PART #: VZWSMART-MSK1).
- CONNECT NEW OVP PIPE TO EXISTING STANDOFF HORIZONTAL WITH CROSSOVER PLATES (SITE PRO 1 PART #: SQCX4-K, OR EOR APPROVED EQUAL, CONTACT MASER CONSULTING CONNECTICUT FOR APPROVAL OF SUBSTITUTION).



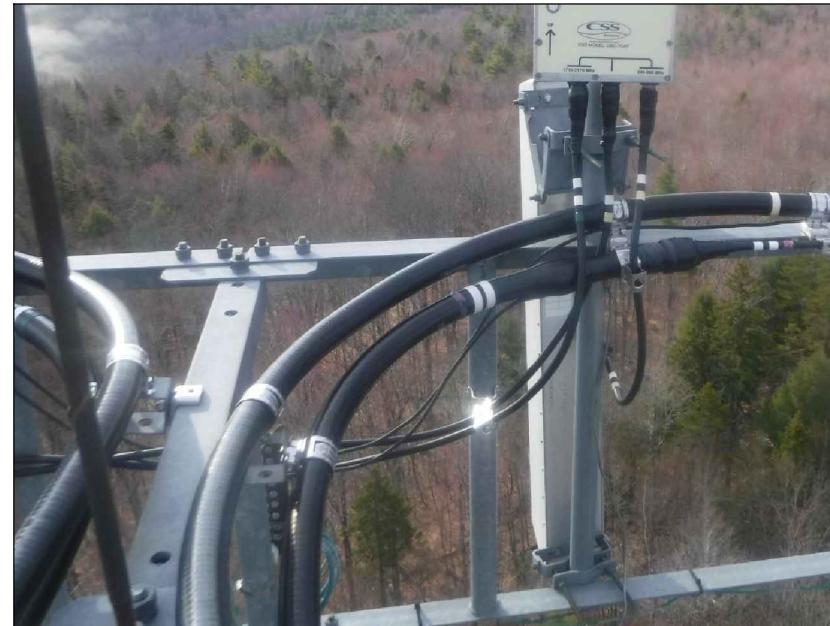
MOUNT PHOTO 1



MOUNT PHOTO 2



MOUNT PHOTO 3



MOUNT PHOTO 4



**811** PROTECT YOURSELF  
 ALL STATES REQUIRE NOTIFICATION OF EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN ANY STATE.  
 Know what's below. Call before you dig.  
 FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM

SCALE:	AS SHOWN	JOB NUMBER:	21777315A
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REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
0	6/24/2021	ISSUED FOR CONSTRUCTION	MSG	JPL

Justin Perreault  
 PROFESSIONAL ENGINEER  
 LICENSE NUMBER: 31965  
 MASER CONSULTING  
 C.T. C.O.A.#: JPC 0000131  
 Digitally signed by Justin Perreault  
 Date: 2021.06.24 14:41:04'00"

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

**SITE NAME:**  
 EAST HAMPTON CT  
 469377  
 94 EAST HIGH ST  
 EAST HAMPTON, CT 06424  
 MIDDLESEX COUNTY

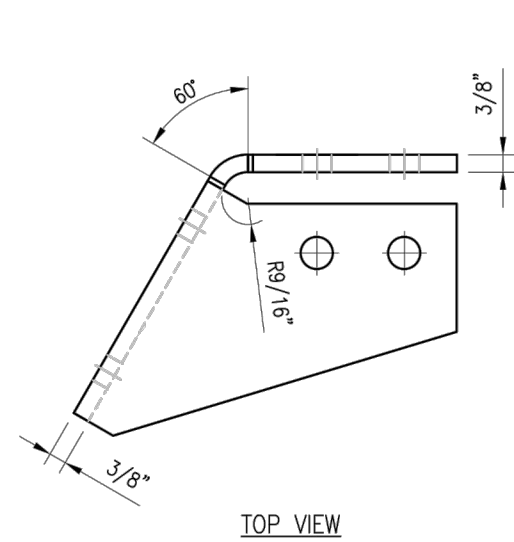
**MT. LAUREL OFFICE**  
 2000 Millstone Drive  
 Suite 100  
 Mount Laurel, NJ 08054  
 Phone: 856.797.0412  
 Fax: 856.722.1120

SHEET TITLE:  
 MOUNT PHOTOS

SHEET NUMBER:  
 S-6

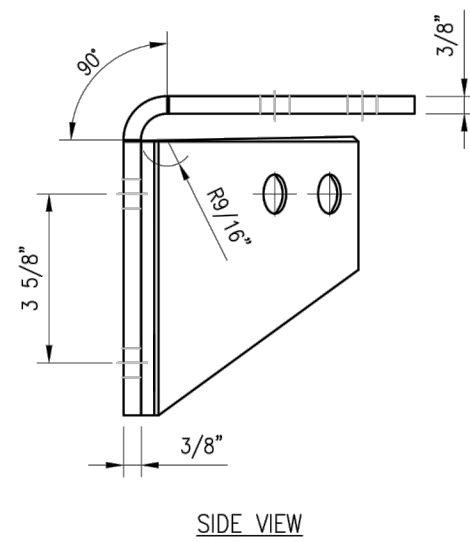
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 Date: 2021/06/24 14:41:04  
 By: JPC/JPL



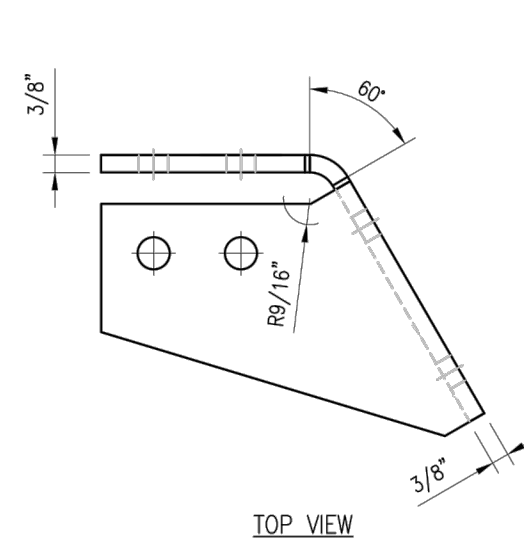


TOP VIEW

CBP-L

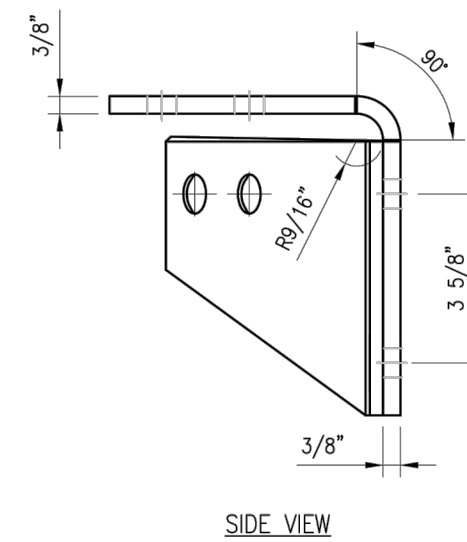


SIDE VIEW



TOP VIEW

CBP-R



SIDE VIEW

**NOTES:**

- HOT-DIPPED GALVANIZED PER ASTM A123.

VZSMART-PLK3 (SUPPORT RAIL CORNER BRACKET)					
ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT
1	1	CBP-L	CORNER BENT PLATE BRACKET	PLK3-F1	9
2	1	CBP-R	CORNER BENT PLATE BRACKET	PLK3-F1	9
3	4	MS02-625-300-500	RU-BOLT 5/8" X 3" I.W. X 5" I.L. A36 (OR EQUIV.)	RBC-1	5
4	8	---	BOLT 5/8" X 2" A325	---	3
5	16	FW-625	5/8" HDG USS FLAT WASHER	---	1
6	16	LW-625	5/8" HDG LOCK WASHER	---	0
7	16	NUT-625	5/8" HDG HEX NUT	---	2
GALVANIZED WT					30

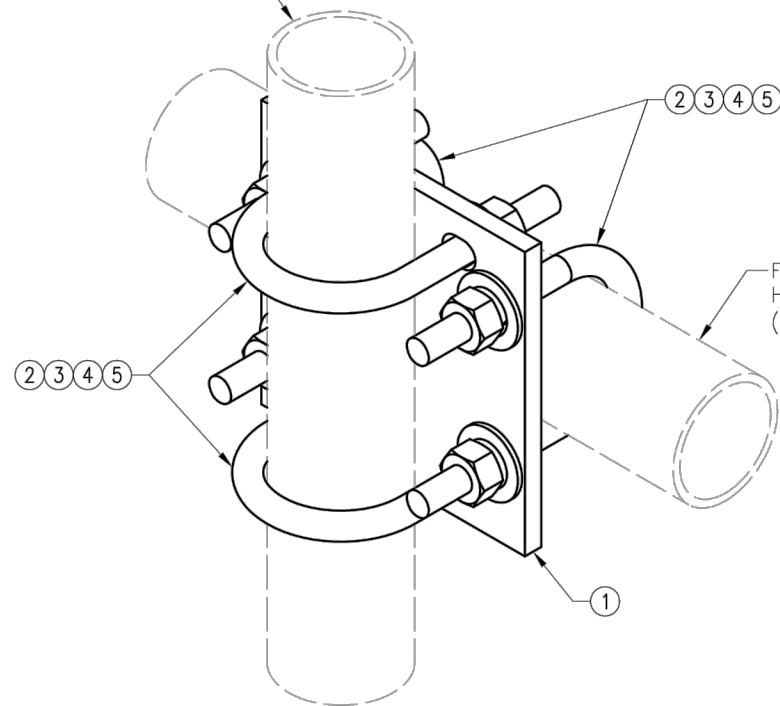
DRAWN BY: H.R      CHECKED BY: HMA

REV.	DESCRIPTION	BY	DATE
1	FIRST ISSUE	H.R	05/08/20

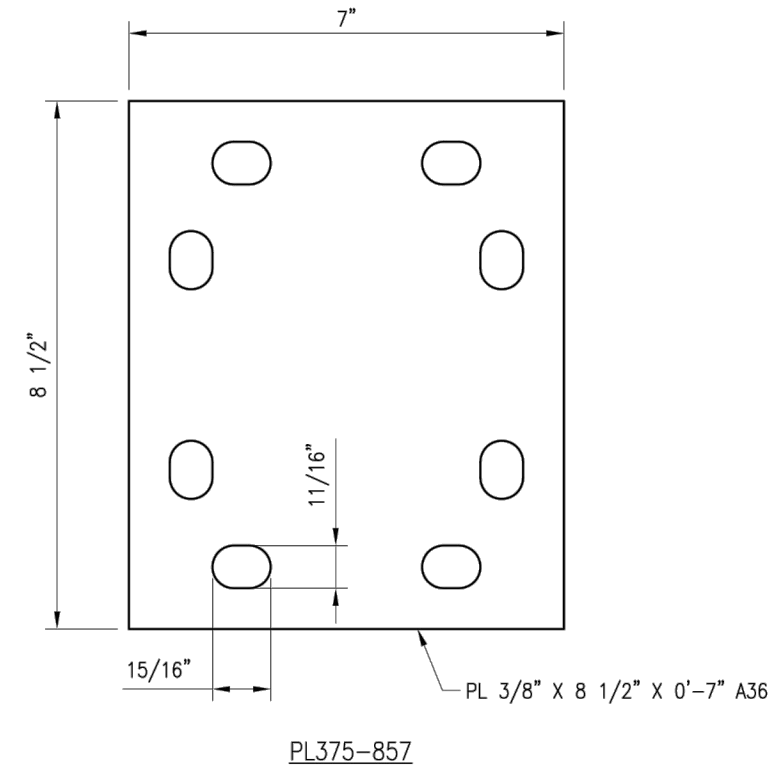
SHEET TITLE:  
**VZSMART-PLK3  
 SUPPORT RAIL CORNER  
 BRACKET**

SHEET NUMBER: **VZSMART-PLK3**      REV #: **0**

FITS 2.375" O.D. AND 2.875" O.D.  
 VERTICAL PIPE.  
 (NOT INCLUDED IN THIS KIT)



FITS 2.375" O.D. AND 2.875" O.D.  
 HORIZONTAL PIPE.  
 (NOT INCLUDED IN THIS KIT)



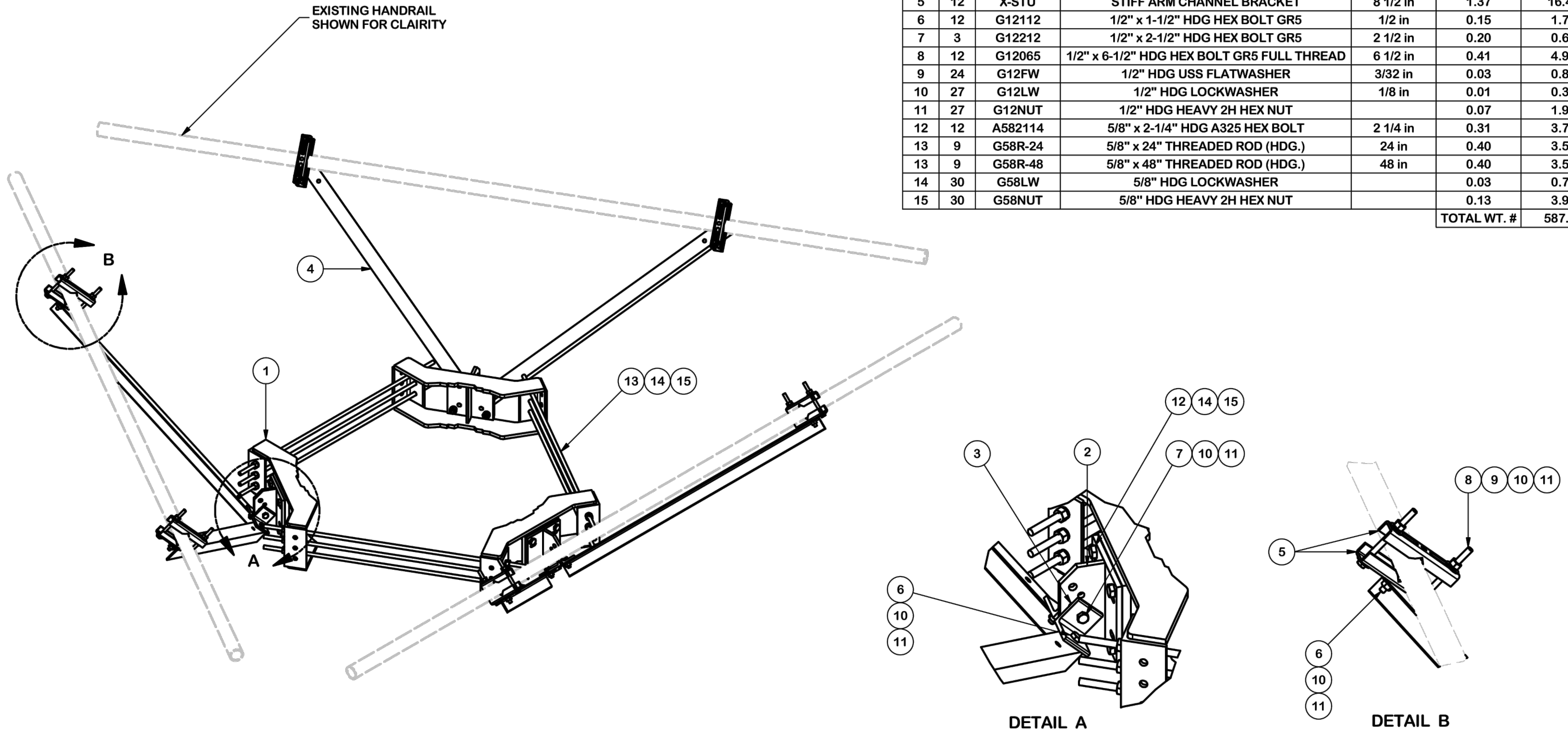
**NOTES:**  
 1. HOT-DIPPED GALVANIZED PER ASTM A123.

VZSMART-MSK1 (CROSSOVER PLATE)					
ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT
1	1	PL375-857	PL 3/8" X 8 1/2" X 0'-7" A36	MSK1-F1	6
2	4	MS02-625-300-500	RU-BOLT 5/8" X 3" I.W. X 5" I.L. A36 (OR EQUIV.)	RBC-1	5
3	8	FW-625	5/8" HDG USS FLAT WASHER	---	1
4	8	LW-625	5/8" HDG LOCK WASHER	---	0
5	8	NUT-625	5/8" HDG HEX NUT	---	1
GALVANIZED WT					14

DRAWN BY: H.R		CHECKED BY: HMA	
REV.	DESCRIPTION	BY	DATE
1	FIRST ISSUE	H.R	05/08/20

SHEET TITLE:	
VZSMART-MSK1 CROSSOVER PLATE	
SHEET NUMBER:	REV #:
VZSMART-MSK1	0

PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	3	X-LWRM	RING MOUNT WELDMENT		68.81	206.42
2	3	X-TBW	T-BRACKET WELDMENT		13.60	40.80
3	6	SHCM-T	CHAIN MOUNT TIGHTENER BRACKET	3 in	1.86	11.15
4	6	X-232697	TRPD-HD DIAGONAL ANGLE - SITE PRO 1	52 1/2 in	14.35	86.08
5	12	X-STU	STIFF ARM CHANNEL BRACKET	8 1/2 in	1.37	16.46
6	12	G12112	1/2" x 1-1/2" HDG HEX BOLT GR5	1/2 in	0.15	1.77
7	3	G12212	1/2" x 2-1/2" HDG HEX BOLT GR5	2 1/2 in	0.20	0.61
8	12	G12065	1/2" x 6-1/2" HDG HEX BOLT GR5 FULL THREAD	6 1/2 in	0.41	4.91
9	24	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	0.82
10	27	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	0.38
11	27	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	1.93
12	12	A582114	5/8" x 2-1/4" HDG A325 HEX BOLT	2 1/4 in	0.31	3.75
13	9	G58R-24	5/8" x 24" THREADED ROD (HDG.)	24 in	0.40	3.59
13	9	G58R-48	5/8" x 48" THREADED ROD (HDG.)	48 in	0.40	3.59
14	30	G58LW	5/8" HDG LOCKWASHER		0.03	0.78
15	30	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	3.90
					<b>TOTAL WT. #</b>	<b>587.71</b>



REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	CHANGED MAX. DIA. FOR HANDRAIL CONNECTION	SP1	BC	10/23/2017
REVISION HISTORY				

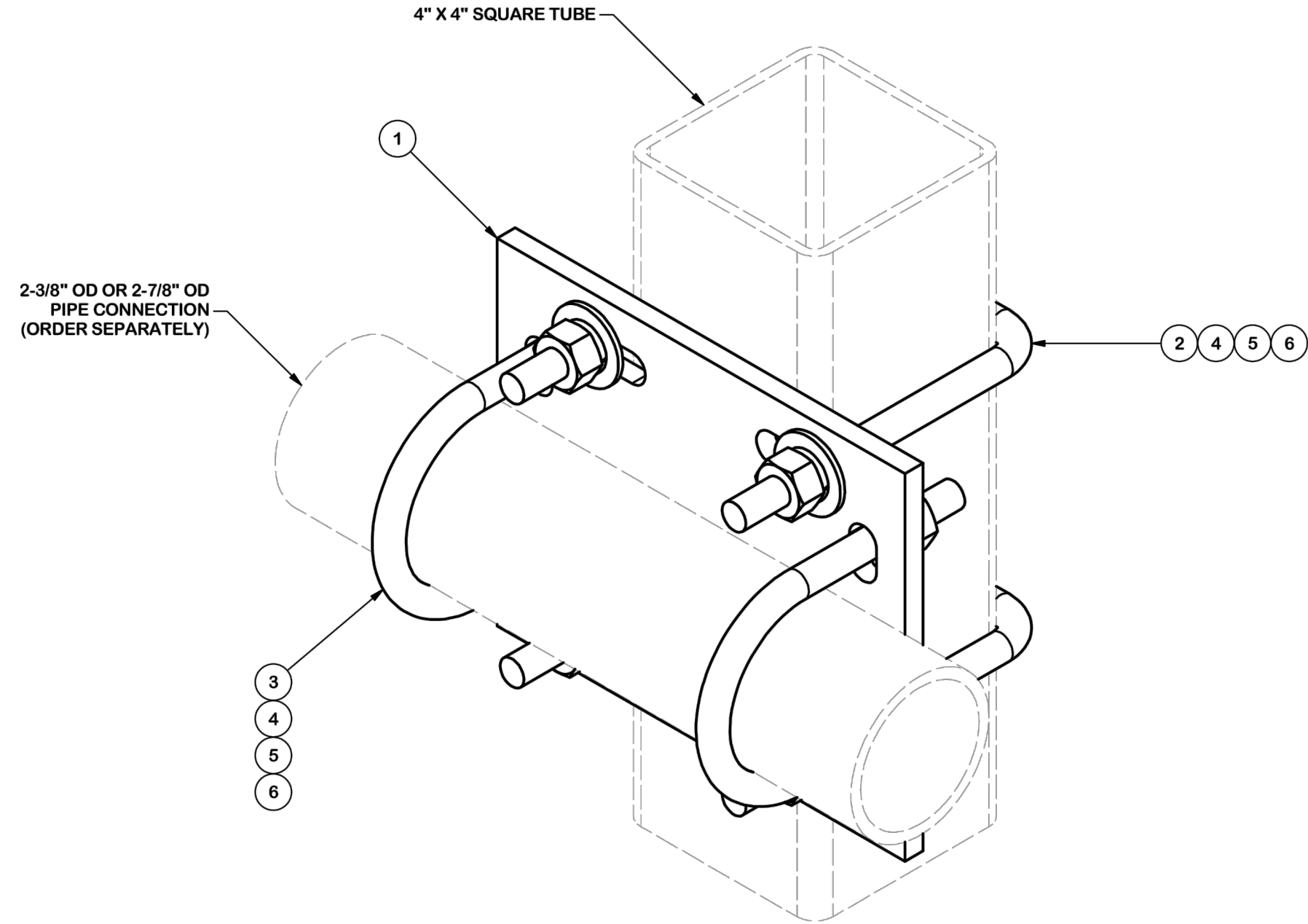
**TOLERANCE NOTES**  
TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:  
SAWED, SHEARED AND GAS CUT EDGES ( $\pm 0.030''$ )  
DRILLED AND GAS CUT HOLES ( $\pm 0.030''$ ) - NO CONING OF HOLES  
LASER CUT EDGES AND HOLES ( $\pm 0.010''$ ) - NO CONING OF HOLES  
BENDS ARE  $\pm 1/2$  DEGREE  
ALL OTHER MACHINING ( $\pm 0.030''$ )  
ALL OTHER ASSEMBLY ( $\pm 0.060''$ )

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

DESCRIPTION			
<b>HANDRAIL REINFORCEMENT KIT</b>			
CPD NO.	DRAWN BY	ENG. APPROVAL	
SP1	CSL3 2/23/2017	3RD PARTY	
CLASS	SUB	DRAWING USAGE	CHECKED BY
81	02	SHOP	BMC 3/16/2017

 <b>A valmont COMPANY</b>	<b>Engineering Support Team:</b> 1-888-753-7446	<b>Locations:</b> New York, NY Atlanta, GA Los Angeles, CA Plymouth, IN Salem, OR Dallas, TX
	<b>PART NO. PRK-SFS</b>	
<b>DWG. NO. PRK-SFS</b>		<b>1 OF 3</b> PAGE


PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	1	SCX4	CROSSOVER PLATE	8 1/2 in	6.02	6.02
2	2	X-SUB1418	SQUARE U-BOLT 0.5" DIA. X 4.125" IW X 6" IL X 3" TR		0.98	1.95
3	2	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" U-BOLT (HDG.)		0.60	1.19
3	2	X-UB1300	1/2" X 3" X 5" X 2" U-BOLT (HDG.)		0.67	1.34
4	8	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	0.27
5	8	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	0.11
6	8	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	0.57
					<b>TOTAL WT. #</b>	<b>11.35</b>



**TOLERANCE NOTES**  
 TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:  
 SAWED, SHEARED AND GAS CUT EDGES ( $\pm 0.030$ "")  
 DRILLED AND GAS CUT HOLES ( $\pm 0.030$ "") - NO CONING OF HOLES  
 LASER CUT EDGES AND HOLES ( $\pm 0.010$ "") - NO CONING OF HOLES  
 BENDS ARE  $\pm 1/2$  DEGREE  
 ALL OTHER MACHINING ( $\pm 0.030$ "")  
 ALL OTHER ASSEMBLY ( $\pm 0.060$ "")

PROPRIETARY NOTE:  
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DESCRIPTION <b>CROSSOVER PLATE KIT W/ SQUARE U-BOLTS AND STD. U-BOLTS</b>		
CPD NO.	DRAWN BY <b>CSL 9/18/2018</b>	ENG. APPROVAL <b>3RD PARTY</b>
CLASS <b>87</b>	SUB <b>02</b>	DRAWING USAGE <b>CUSTOMER</b>
		CHECKED BY <b>BMC 11/12/2018</b>

 <b>A valmont COMPANY</b>	Locations: New York, NY Atlanta, GA Los Angeles, CA Plymouth, IN Salem, OR Dallas, TX
	Engineering Support Team: 1-888-753-7446
PART NO.	<b>SQCX4-K</b>
DWG. NO.	<b>SQCX4-K</b>