



John Coleman, Project Manager  
c/o Cellco Partnership d/b/a Verizon Wireless  
Centerline Communications, LLC  
750 West Center Street, Floor 3  
West Bridgewater, MA 02379  
Mobile: (240) 615 -7389  
[JColeman@clinellc.com](mailto:JColeman@clinellc.com)

November 19, 2021

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

**RE: Notice of Exempt Modification // Site: CROMWELL SW CT (ATC: 411261 )  
99 Christian Hill Rd., Cromwell, CT 06416  
N 41.60621 // W 72.701206**

Dear Ms. Bachman:

Cellco Partnership d/b/a Verizon Wireless currently maintains 15 antennas at the 84-ft level on the existing 111-foot SST tower, located at 99 Christian Hill Rd., Cromwell, CT. The tower is owned by American Tower. The tower was originally approved by the Council in 2006. Verizon Wireless now intends to remove Nine (9) antenna and install Nine (9) new antenna for the LTE (3700 MHz) replacements for its 5G upgrade. Additionally, Verizon Wireless will remove Three (3) RRH's, One (1) OVP and associated cabling. Verizon Wireless intends to add Three (3) Dual Antenna Mounts, Six (6) Remote Radio Head (RRHs), One (1) OVP and associated cables; altogether updating leased equipment rights, as reflected by the final configuration outlined in the structural analysis and proposed hereby.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies §16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Allan Spotts, Mayor, Building Officer, John Egan, and 100 Berlin Land LLC, the Property owner.

The planned modifications to the facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2). Enclosed to accommodate this filing are construction drawings dated November 9, 2021 by Morrison Hershfield, a structural analysis dated August 26, 2021 by American Tower Corp., and a structural mount analysis by GPD Engineering & Architecture Professionals Corp date July 13, 2021, and radio frequency (RF) analysis table showing worst-case RF emission calculation by Verizon Wireless RF Design Engineering.

1. The proposed modifications will not result in an increase in the height of the existing structure.
2. The proposed modifications will not require the extension of the site boundary.
3. The proposed modifications will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.
4. The operation of the new antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communications Commission safety standard.
5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.
6. The existing structure and its foundation can support the proposed loading, as shown in the attached structural analysis by American Tower Corp., dated August 26, 2021 and a structural mount analysis by GPD Engineering & Architecture Professionals Corp., dated July 13, 2021, pursuant to certain conditions defined therein. Design and engineering is fully illustrated within final construction drawings, signed and stamped dated November 9, 2021.

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

Sincerely,

*John Coleman*

---

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Attachments

cc: Allan Spotts, Mayor - as chief elected official  
John Egan, Building Officer - as P&Z official  
100 Berlin Land LLC - as Property owner

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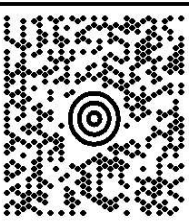
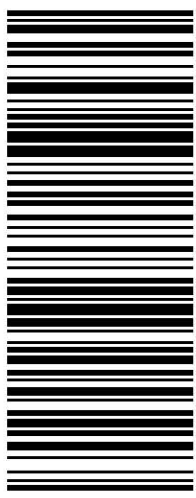

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<p style="text-align: right;"><b>1 OF 1</b></p> <p><b>1 LBS</b></p> <p>CASSANDRA ROSENKRANZ CENTERLINE COMMUNICATIONS, LLC 750 WEST CENTER STREET WEST BRIDGEWATER MA 02379</p> <p><b>SHIP TO:</b> MAYOR ALLAN SPOTTS / BZO JOHN EGAN 1ST FLR. 41 WEST STREET TOWN HALL <b>CROMWELL CT 06416-2180</b></p>	<p><b>CT 061 9-01</b></p>  	<p><b>UPS GROUND</b></p> <p>TRACKING #: 1Z 9Y4 503 03 0082 9182</p> 	<p><b>BILLING: P/P</b></p> <p>Reference # 1: 411261 - CROMWELL SW CT <small>CS 22.0.18. W/NTNV50 47.0A 11/2021*</small></p> 
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**From:** [UPS](#)  
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**Signed by:** SPOTTS

## CENTERLINE SITE ACQUISITION

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<b>Number of Packages:</b>	1
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<b>Package Weight:</b>	1.0 LBS
<b>Reference Number:</b>	411261 – CROMWELL SW CT



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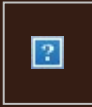
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<p style="text-align: right;"><b>1 OF 1</b></p> <p><b>1 LBS</b></p> <p>CASSANDRA ROSENKRANZ CENTERLINE COMMUNICATIONS, LLC 750 WEST CENTER STREET WEST BRIDGEWATER MA 02379</p> <p><b>SHIP TO:</b> 100 BERLIN LAND LLC 12 TIDEWATER DRIVE <b>ORMOND BEACH FL 32174-4294</b></p>	<p><b>FL 320 2-02</b></p>  	<p><b>UPS GROUND</b></p> <p>TRACKING #: 1Z 9Y4 503 03 0239 2177</p> 	<p><b>BILLING: P/P</b></p> <p>Reference # 1: 411261 - CROMWELL SW CT <small>CS 22.0.18. W/NT/INV50.47.0A 11/2021*</small></p> 
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<b>Tracking Number:</b>	<a href="#">1Z9Y45030302392177</a>
<b>Ship To:</b>	100 BERLIN LAND LLC 12 TIDEWATER DRIVE ORMOND BEACH, FL 321744294 US
<b>Number of Packages:</b>	1
<b>UPS Service:</b>	UPS Ground
<b>Package Weight:</b>	1.0 LBS
<b>Reference Number:</b>	411261 - CROMWELL SW CT



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# Town of Cromwell

NATHANIEL WHITE BUILDING  
41 WEST STREET  
CROMWELL, CONNECTICUT 06416

## C E R T I F I C A T E   O F   U S E   /   A P P R O V A L

DATE OF APPROVAL: September 21, 2006

This is to certify that the erection/installation of \_\_\_\_\_

Telecommunication Antennas

016336

authorized by Building Permit No. 015850, 015983, &  
et al

issued to Omnipoint Communications, Inc., and located on  
Shaner Hotel Group  
100 Berlin Road / \_\_\_\_\_,

Lot No.

is in accordance with the specifications of said permit and substantially conforms to the provisions of the Basic Building Code of the State of Connecticut and is hereby approved.

CONDITIONS OF APPROVAL: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

  
Building Official



**AMERICAN TOWER®**  
CORPORATION

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## Structural Analysis Report

**Structure** : 111 ft Self Supported Tower  
**ATC Site Name** : CROMWELLSW CT, CT  
**ATC Asset Number** : 411261  
**Engineering Number** : 13698647\_C3\_02  
**Proposed Carrier** : Verizon Wireless  
**Carrier Site Name** : CROMWELL SW  
**Carrier Site Number** : 467684  
**Site Location** : 99 Christian Hill Road  
Cromwell, CT 06416-2612  
41.606200,-72.701200  
**County** : Middlesex  
**Date** : August 26, 2021  
**Max Usage** : 97%  
**Result** : Pass

Prepared By:  
Robert D. Barrett, E.I.  
Structural Engineer II

*Robert D. Barrett*

Reviewed By:



**COA: PEC.0001553**





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## Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 111 ft self supported tower to reflect the change in loading by Verizon Wireless.

## Supporting Documents

<b>Tower Drawings</b>	Mapping by ETS Job #150929.01, dated August 21, 2015
<b>Foundation Drawing</b>	Mapping by ETS Job #150929.01, dated August 21, 2015 Mapping by ETS Job #150929.01, dated June 13, 2016
<b>Geotechnical Report</b>	FDH Velocitel Project #15BWZR1600, dated August 18, 2015
<b>Mount Analysis</b>	GPD Project #2021740.467684.02, dated July 13, 2021
<b>Mount Modification</b>	GPD Project #2021740.467684.02, dated July 13, 2021

## Analysis

The tower was analyzed using RISA-3D analysis software. This program considers an elastic three-dimensional model and second-order effects per ANSI/TIA-222.

<b>Basic Wind Speed:</b>	119 mph (3-Second Gust)
<b>Basic Wind Speed w/ Ice:</b>	50 mph (3-Second Gust) w/ 1" radial ice concurrent
<b>Code:</b>	ANSI/TIA-222-H / 2015 IBC / 2018 Connecticut State Building Code
<b>Exposure Category:</b>	C
<b>Risk Category:</b>	II
<b>Topographic Factor Procedure:</b>	Method 1
<b>Topographic Category:</b>	1
<b>Spectral Response:</b>	$S_s = 0.20$ , $S_1 = 0.05$
<b>Site Class:</b>	D - Stiff Soil

## Conclusion

Based on the analysis results, the structure meets the requirements per the applicable codes listed above. The tower and foundation can support the equipment as described in this report.

If you have any questions or require additional information, please contact American Tower via email at [Engineering@americantower.com](mailto:Engineering@americantower.com). Please include the American Tower site name, site number, and engineering number in the subject line for any questions.



**Existing and Reserved Equipment**

Elev. <sup>1</sup> (ft)	Qty	Equipment	Mount Type	Lines	Carrier
108.0	3	Ericsson AIR32 B66Aa/B2a	Triangular Platform with Handrails	(3) 1 5/8" Fiber (6) 1 5/8" Coax	T-Mobile
	3	Ericsson Radio 4449 B12,B71			
	3	Ericsson KRY 112 144/1			
	3	RFS APXVAARR24_43-U-NA20			
98.0	1	Raycap DC6-48-60-18-8F(32.8 lbs)	Pole Mount	(1) 3" Conduit (2) 0.39" Fiber Trunk (4) 0.78" 8 AWG 6 (12) 1 5/8" Coax (1) 1 5/8" Hybriflex	AT&T Mobility
	1	Raycap DC6-48-60-18-8F			
	12	Powerwave Allgon LGP21401			
	3	Powerwave Allgon 7020.00 Dual Band RET			
	3	Ericsson RRUS 32 B2			
	3	CCI OPA-65R-LCUU-H6			
	3	Quintel QS66512-2			
	3	Powerwave Allgon 7770.00			
	3	Ericsson RRUS-32 (77 lbs)			
88.0	1	Generic GPS	Triangular Platform with Handrails	(1) 1/2" Coax (1) 1 5/8" Hybriflex (12) 1 5/8" Coax	Verizon Wireless
84.0	2	Antel LPA-80080/6CF			
	4	Decibel DB846F65ZAXY			
50.0	1	NAIS VIC-100	Leg	-	T-Mobile

**Equipment to be Removed**

Elev. <sup>1</sup> (ft)	Qty	Equipment	Mount Type	Lines	Carrier
84.0	3	Alcatel-Lucent RRH2x40-AWS	-	(6) 1 5/8" Coax	Verizon Wireless
	6	Amphenol Antel BXA-171085-12BF-EDIN-X			
	3	Antel BXA-70063/6CF_4			
83.0	1	Raycap RRFDC-3315-PF-48			

**Proposed Equipment**

Elev. <sup>1</sup> (ft)	Qty	Equipment	Mount Type	Lines	Carrier
84.0	3	Samsung B2/B66A RRH-BR049	Triangular Platform with Handrails and Modifications	(1) 1 5/8" Hybriflex	Verizon Wireless
	3	Samsung B5/B13 RRH-BR04C			
	3	Samsung MT6407-77A			
	6	JMA Wireless MX06FRO660-02			
83.0	1	Raycap RCMD-6627-PF-48			

<sup>1</sup> Contracted elevations are shown for appurtenances within contracted installation tolerances. Appurtenances outside of contract limits are shown at installed elevations.

Install proposed lines stacked on top of existing Verizon Wireless coax.



### **Structure Usages**

Structural Component	Controlling Usage	Pass/Fail
Legs	97%	Pass
Diagonals	81%	Pass
Horizontals	64%	Pass

### **Foundations**

Reaction Component	Analysis Reactions	% of Usage
Moment (Kips-Ft)	2,001.7	80%
Axial (Kips)	184.8	19%
Total Shear (Kips)	33.7	8%

The structure base reactions resulting from this analysis were found to be acceptable through analysis based on geotechnical and foundation information, therefore no modification or reinforcement of the foundation will be required.



## Standard Conditions

All engineering services performed by A.T. Engineering Service, PLLC are prepared on the basis that the information used is current and correct. This information may consist of, but is not limited to the following:

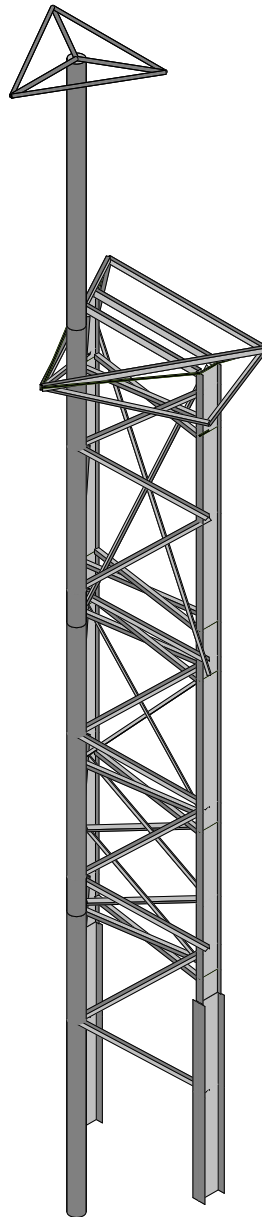
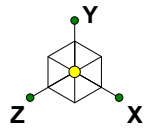
- Information supplied by the client regarding antenna, mounts and feed line loading
- Information from drawings, design and analysis documents, and field notes in the possession of A.T. Engineering Service, PLLC

It is the responsibility of the client to ensure that the information provided to A.T. Engineering Service, PLLC and used in the performance of our engineering services is correct and complete.

All assets of American Tower Corporation, its affiliates and subsidiaries (collectively "American Tower") are inspected at regular intervals. Based upon these inspections and in the absence of information to the contrary, American Tower assumes that all structures were constructed in accordance with the drawings and specifications.

Unless explicitly agreed by both the client and A.T. Engineering Service, PLLC, all services will be performed in accordance with the current revision of ANSI/TIA-222.

All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. A.T. Engineering Service, PLLC is not responsible for the conclusions, opinions and recommendations made by others based on the information supplied herein.



ATC

RDB

13698647\_C3\_02

CromwellSW CT, CT (411261)

SK - 1

Aug 26, 2021 at 9:39 PM

411261 CROMWELLSW CT, CT.r3d



Company : ATC  
 Designer : RDB  
 Job Number : 13698647\_C3\_02  
 Model Name : CromwellSW CT, CT (411261)

Aug 26, 2021  
 9:39 PM  
 Checked By: \_\_\_\_\_

### Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design Rules	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	W24x68 w1...	W24x68 w1...	None	None	A572 Gr.50	Typical	51.845	753.17	6681.05	27.435
2	L3.5x3.5x0.3...	L3.5X3.5X5	None	None	A36 Gr.36	Typical	2.1	2.44	2.44	.073
3	L5x5x3/8 wH...	L5x5x3/8 wH...	None	None	A36 Gr.36	Typical	5.256	9.617	9.617	3.099
4	L3x3x5/16	L3X3X5	None	None	A36 Gr.36	Typical	1.78	1.5	1.5	.06
5	18"x0.5"	HSS18x0.500	None	None	A53 Gr.B	Typical	25.6	985	985	1970
6	WT6x15	WT6X15	None	None	A36 Gr.36	Typical	4.4	10.2	13.5	.228
7	HSS6x4x1/4	HSS6X4X4	None	None	A36 Gr.36	Typical	4.3	11.1	20.9	23.6
8	HSS8x4x1/4	HSS8X4X4	None	None	A36 Gr.36	Typical	5.24	14.4	42.5	35.3
9	L5x5x3/4	L5X5X12	None	None	A36 Gr.36	Typical	6.98	15.7	15.7	1.33
10	3.5" Pipe	PIPE 3.0	None	None	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
11	W24x68	W24X68	None	None	A572 Gr.50	Typical	20.1	70.4	1830	1.87
12	L5x5x3/8	L5X5X6	None	None	A36 Gr.36	Typical	3.65	8.76	8.76	.183
13	L4x4x5/16 w...	L4x4x5/16 w...	None	None	A36 Gr.36	Typical	3.79	4.63	4.63	2.166
14	HSS4x4x1/4	HSS4x0.250	None	None	A36 Gr.36	Typical	2.76	4.91	4.91	9.82

### Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diaphragm
1	N1	0	1	0	0	
2	N2	13.5	1	0	0	
3	N3	6.75	0	7.854167	0	
4	N4	0	11.208333	0	0	
5	N5	13.5	11.208333	0	0	
6	N8	0	22.333333	0	0	
7	N9	13.5	22.333333	0	0	
8	N10	0	24.75	0	0	
9	N11	13.5	24.75	0	0	
10	N6	0	20	0	0	
11	N7	13.5	20	0	0	
12	N12	0	29.375	0	0	
13	N13	13.5	29.375	0	0	
14	N14	0	36.416666	0	0	
15	N15	13.5	36.416666	0	0	
16	N16	0	38.333333	0	0	
17	N17	13.5	38.333333	0	0	
18	N18	0	50.916666	0	0	
19	N19	13.5	50.916666	0	0	
20	N20	0	52.333333	0	0	
21	N21	13.5	52.333333	0	0	
22	N22	0	55.666666	0	0	
23	N23	13.5	55.666666	0	0	
24	N24	0	66.083333	0	0	
25	N25	13.5	66.083333	0	0	
26	N26	0	74.336666	0	0	
27	N27	13.5	74.336666	0	0	
28	N28	0	78.458333	0	0	
29	N29	13.5	78.458333	0	0	
30	N30	0	80.336666	0	0	
31	N31	13.5	80.336666	0	0	
32	N32	6.75	18.5	7.854167	0	
33	N33	6.75	28.833333	7.854167	0	
34	N34	6.75	32.25	7.854167	0	
35	N35	6.75	46	7.854167	0	
36	N36	6.75	56.541667	7.854167	0	
37	N37	6.75	59.75	7.854167	0	



Company : ATC  
 Designer : RDB  
 Job Number : 13698647\_C3\_02  
 Model Name : CromwellSW CT, CT (411261)

Aug 26, 2021  
 9:39 PM  
 Checked By: \_\_\_\_\_

**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diaphragm
38	N38	6.75	73.5	7.854167	0	
39	N39	6.75	85.020833	7.854167	0	
40	N40	6.75	110.5625	7.854167	0	
41	N41	0	22.333333	-0.9875	0	
42	N42	13.5	22.333333	-0.9875	0	
43	N43	0	22.333333	0.9875	0	
44	N44	13.5	22.333333	0.9875	0	
45	N45	0	36.416666	-0.9875	0	
46	N46	13.5	36.416666	-0.9875	0	
47	N47	0	36.416666	0.9875	0	
48	N48	13.5	36.416666	0.9875	0	
49	N49	0	50.916666	-0.9875	0	
50	N50	13.5	50.916666	-0.9875	0	
51	N51	0	50.916666	0.9875	0	
52	N52	13.5	50.916666	0.9875	0	
53	N53	0	55.666666	-0.9875	0	
54	N54	13.5	55.666666	-0.9875	0	
55	N55	0	55.666666	0.9875	0	
56	N56	13.5	55.666666	0.9875	0	
57	N57	0	74.336666	-0.9875	0	
58	N58	13.5	74.336666	-0.9875	0	
59	N59	0	74.336666	0.9875	0	
60	N60	13.5	74.336666	0.9875	0	
61	N61	0	80.336666	-0.9875	0	
62	N62	13.5	80.336666	-0.9875	0	
63	N63	0	80.336666	0.9875	0	
64	N64	13.5	80.336666	0.9875	0	
65	N67	-1.9103	80.92	-4.320833	0	
66	N68	15.4103	80.92	-4.320833	0	
67	N69	6.75	80.92	11.666667	0	
68	N68A	0	75.003333	0	0	
69	N69A	13.5	75.003333	0	0	
70	N93	.5	110.5625	4.2457	0	
71	N94	13	110.5625	4.2457	0	
72	N95	6.75	110.5625	15.071	0	
73	N75	-1.9103	1	15.071	0	
74	N76	15.4103	1	15.071	0	
75	N75A	-1.9103	111.5625	15.071	0	
76	N76A	15.4103	111.5625	15.071	0	
77	N77	-1.9103	-0.	-4.320833	0	
78	N78	-1.9103	110.5625	-4.320833	0	
79	N79	6.75	0	2.6181	0	
80	N81	5.61582	78.458333	0	0	
81	N83	5.772726	66.083333	1.970451	0	
82	N85	5.899495	52.333333	0	0	
83	N87	5.840419	38.333333	2.090136	0	
84	N89	6.137826	29.375	3.748904	0	
85	N90	5.819551	24.75	0.566549	0	
86	N92	6.284143	20	3.374114	0	
87	N93A	6.11059	11.208333	0.557824	0	

**Basic Load Cases**

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me...	Surface(P...
1	Dead	DL		-1		6		6	
2	Structure - Wind Z	WLZ						22	





Company : ATC  
 Designer : RDB  
 Job Number : 13698647\_C3\_02  
 Model Name : CromwellSW CT, CT (411261)

Aug 26, 2021  
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### Basic Load Cases (Continued)

BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me...	Surface(P...
3 Structure - Wind X	WLX						22	
4 Ice Dead	OL1		-.16		6		6	
5 Structure - Wind Ice Z	OL2						22	
6 Structure - Wind Ice X	OL3						22	
7 APP - Wind Z	WLZ				6			
8 APP - Wind X	WLX				6		16	
9 APP - Wind Ice Z	OL2				6			
10 APP - Wind Ice X	OL3				6		16	

### Load Combinations

Description	So...	PDelta	S...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...					
1 DL only	Y		DL	1														
2 1.2D + 1.0W - 0 deg	Yes	Y	DL	1.2	WLZ	1	W...											
3 1.2D + 1.0W - 30 d...	Yes	Y	DL	1.2	WLZ	.87	W...	.5										
4 1.2D + 1.0W - 60 d...	Yes	Y	DL	1.2	WLZ	.5	W...	.87										
5 1.2D + 1.0W - 90 d...	Yes	Y	DL	1.2	WLZ		W...	1										
6 1.2D + 1.0W - 120 ...	Yes	Y	DL	1.2	WLZ	-.5	W...	.87										
7 1.2D + 1.0W - 150 ...	Yes	Y	DL	1.2	WLZ	-.87	W...	.5										
8 1.2D + 1.0W - 180 ...	Yes	Y	DL	1.2	WLZ	-1	W...											
9 1.2D + 1.0W - 210 ...	Yes	Y	DL	1.2	WLZ	-.87	W...	-.5										
10 1.2D + 1.0W - 240 ...	Yes	Y	DL	1.2	WLZ	-.5	W...	-.87										
11 1.2D + 1.0W - 270 ...	Yes	Y	DL	1.2	WLZ		W...	-1										
12 1.2D + 1.0W - 300 ...	Yes	Y	DL	1.2	WLZ	.5	W...	-.87										
13 1.2D + 1.0W - 330 ...	Yes	Y	DL	1.2	WLZ	.87	W...	-.5										
14 1.2D + 1.0Di + 1.0...	Yes	Y	DL	1.2	OL2	1	OL3	OL1	1									
15 1.2D + 1.0Di + 1.0...	Yes	Y	DL	1.2	OL2	.87	OL3	.5	OL1	1								
16 1.2D + 1.0Di + 1.0...	Yes	Y	DL	1.2	OL2	.5	OL3	.87	OL1	1								
17 1.2D + 1.0Di + 1.0...	Yes	Y	DL	1.2	OL2		OL3	1	OL1	1								
18 1.2D + 1.0Di + 1.0...	Yes	Y	DL	1.2	OL2	-.5	OL3	.87	OL1	1								
19 1.2D + 1.0Di + 1.0...	Yes	Y	DL	1.2	OL2	-.87	OL3	.5	OL1	1								
20 1.2D + 1.0Di + 1.0...	Yes	Y	DL	1.2	OL2	-1	OL3		OL1	1								
21 1.2D + 1.0Di + 1.0...	Yes	Y	DL	1.2	OL2	-.87	OL3	-.5	OL1	1								
22 1.2D + 1.0Di + 1.0...	Yes	Y	DL	1.2	OL2	-.5	OL3	-.87	OL1	1								
23 1.2D + 1.0Di + 1.0...	Yes	Y	DL	1.2	OL2		OL3	-1	OL1	1								
24 1.2D + 1.0Di + 1.0...	Yes	Y	DL	1.2	OL2	.5	OL3	-.87	OL1	1								
25 1.2D + 1.0Di + 1.0...	Yes	Y	DL	1.2	OL2	.87	OL3	-.5	OL1	1								
26 IBC 16-5 (a)	Yes	Y	DL	1.2	Sd...	.2	S...	1	S...	.3	LL	.5	LLS	1	SL	.2	SLN	.7
27 IBC 16-5 (b)	Yes	Y	DL	1.2	Sd...	.2	S...	1	S...	.3	LL	.5	LLS	1	SL	.2	SLN	.7
28 IBC 16-5 (c)	Yes	Y	DL	1.2	Sd...	.2	S...	1	S...	-.3	LL	.5	LLS	1	SL	.2	SLN	.7
29 IBC 16-5 (d)	Yes	Y	DL	1.2	Sd...	.2	S...	1	S...	-.3	LL	.5	LLS	1	SL	.2	SLN	.7
30 IBC 16-5 (e)	Yes	Y	DL	1.2	Sd...	.2	S...	-1	S...	-.3	LL	.5	LLS	1	SL	.2	SLN	.7
31 IBC 16-5 (f)	Yes	Y	DL	1.2	Sd...	.2	S...	-1	S...	-.3	LL	.5	LLS	1	SL	.2	SLN	.7
32 IBC 16-5 (g)	Yes	Y	DL	1.2	Sd...	.2	S...	-1	S...	.3	LL	.5	LLS	1	SL	.2	SLN	.7
33 IBC 16-5 (h)	Yes	Y	DL	1.2	Sd...	.2	S...	-1	S...	.3	LL	.5	LLS	1	SL	.2	SLN	.7
34 IBC 16-7 (a)	Yes	Y	DL	.9	Sd...	-.2	S...	1	S...	.3								
35 IBC 16-7 (b)	Yes	Y	DL	.9	Sd...	-.2	S...	1	S...	.3								
36 IBC 16-7 (c)	Yes	Y	DL	.9	Sd...	-.2	S...	1	S...	-.3								
37 IBC 16-7 (d)	Yes	Y	DL	.9	Sd...	-.2	S...	1	S...	-.3								
38 IBC 16-7 (e)	Yes	Y	DL	.9	Sd...	-.2	S...	-1	S...	-.3								
39 IBC 16-7 (f)	Yes	Y	DL	.9	Sd...	-.2	S...	-1	S...	-.3								
40 IBC 16-7 (g)	Yes	Y	DL	.9	Sd...	-.2	S...	-1	S...	.3								
41 IBC 16-7 (h)	Yes	Y	DL	.9	Sd...	-.2	S...	-1	S...	.3								



**Joint Loads and Enforced Displacements (BLC 1 : Dead)**

	Joint Label	L,D,M	Direction	Magnitude[(lb.k-ft), (in.rad), (lb*s^2/ft, lb*s^2*ft)]
1	N95	L	Z	-345.1
2	N94	L	Y	-345.1
3	N93	L	Y	-345.1
4	N67	L	Y	-903.1
5	N68	L	Y	-903.1
6	N69	L	Y	-903.1

**Joint Loads and Enforced Displacements (BLC 4 : Ice Dead)**

	Joint Label	L,D,M	Direction	Magnitude[(lb.k-ft), (in.rad), (lb*s^2/ft, lb*s^2*ft)]
1	N95	L	Y	-994.1
2	N94	L	Y	-994.1
3	N93	L	Y	-994.1
4	N67	L	Y	-3271.7
5	N68	L	Y	-3271.7
6	N69	L	Y	-3271.7

**Joint Loads and Enforced Displacements (BLC 7 : APP - Wind Z)**

	Joint Label	L,D,M	Direction	Magnitude[(lb.k-ft), (in.rad), (lb*s^2/ft, lb*s^2*ft)]
1	N95	L	Z	-835.8
2	N94	L	Z	-538.5
3	N93	L	Z	-538.5
4	N67	L	Z	-1896.9
5	N68	L	Z	-1629.7
6	N69	L	Z	-1629.7

**Joint Loads and Enforced Displacements (BLC 8 : APP - Wind X)**

	Joint Label	L,D,M	Direction	Magnitude[(lb.k-ft), (in.rad), (lb*s^2/ft, lb*s^2*ft)]
1	N95	L	X	-449.2
2	N94	L	X	-743.4
3	N93	L	X	-743.4
4	N67	L	X	-1662.3
5	N68	L	X	-1893.8
6	N69	L	X	-1893.8

**Joint Loads and Enforced Displacements (BLC 9 : APP - Wind Ice Z)**

	Joint Label	L,D,M	Direction	Magnitude[(lb.k-ft), (in.rad), (lb*s^2/ft, lb*s^2*ft)]
1	N95	L	Z	-181.7
2	N94	L	Z	-171.6
3	N93	L	Z	-171.6
4	N67	L	Z	-440.3
5	N68	L	Z	-539.6
6	N69	L	Z	-539.6

**Joint Loads and Enforced Displacements (BLC 10 : APP - Wind Ice X)**

	Joint Label	L,D,M	Direction	Magnitude[(lb.k-ft), (in.rad), (lb*s^2/ft, lb*s^2*ft)]
1	N95	L	X	-173.2
2	N94	L	X	-181.2
3	N93	L	X	-181.2
4	N67	L	X	-631.2
5	N68	L	X	-496.9
6	N69	L	X	-496.9





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

Member	Shape	Code C...	Loc[ft]	LC Shear ...	Loc[ft]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn	
57	M85	PIPE 3.0	.274	12.5	22	.033	12.5	30	28250.611	65205	5.749	5.749	1...	H1-1b
58	M86	PIPE 3.0	.297	12.5	14	.009	12.5	30	28250.554	65205	5.749	5.749	1...	H1-1b
59	M87	HSS4x0.250	.966	0	18	.083	0	20	71625.082	89424	8.937	8.937	2...	H1-1b
60	M88	HSS4x0.250	.669	0	14	.045	0	23	71625.341	89424	8.937	8.937	2...	H1-1b
61	M89	HSS4x0.250	.966	0	22	.083	0	20	71625.082	89424	8.937	8.937	2...	H1-1b

**Site Name:** CROMWELLSW CT, CT  
**Site Number:** 411261  
**Tower Type:** SST w/3 Legs  
**Design Loads (Factored) - Analysis per TIA-222-H Standards**

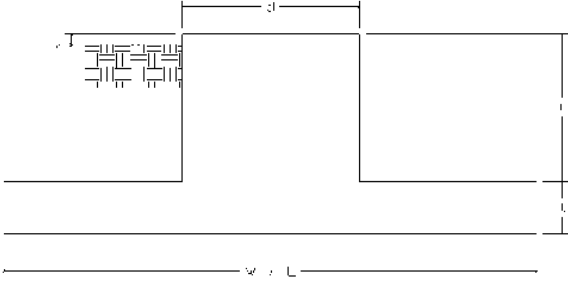
## Monolithic Mat & Pier Foundation Analysis

Foundation Analysis Parameters		
Design / Analysis / Mapping:	Mapping	-
Compression/Leg:	184.8	k
Uplift/Leg:	161.6	k
Total Shear:	33.7	k
Moment:	2,001.7	k-ft
Tower + Appurtenance Weight:	50.0	k
Depth to Base of Foundation (l + t - h):	4.115566	ft
Diameter of Pier (d):	0.75	ft
Length of Pier (l):	1.615566	ft
Height of Pier above Ground (h):	0.5	ft
Width of Pad (W):	16	ft
Length of Pad (L):	26.5	ft
Thickness of Pad (t):	3	ft
Tower Leg Center to Center:	13	ft
Number of Tower Legs:	3	-
Tower Center from Mat Center:	0	ft
Depth Below Ground Surface to Water Table:	99	ft
Unit Weight of Concrete:	150	pcf
Unit Weight of Soil Above Water Table:	137	pcf
Unit Weight of Water:	62.4	pcf
Unit Weight of Soil Below Water Table:	74.6	pcf
Friction Angle of Uplift:	15	°
Coefficient of Shear Friction:	0.30	-
Ultimate Compressive Bearing Pressure:	59,044	psf
Ultimate Passive Pressure on Pad Face:	7,449	psf
$f_{\text{Soil and Concrete Weight}}$ :	0.9	-
$f_{\text{Soil}}$ :	0.75	-

Overturning Moment Usage		
Design OTM:	2157.2	k-ft
OTM Resistance:	2712.0	k-ft
Design OTM / OTM Resistance:	80%	Pass

Soil Bearing Pressure Usage		
Net Bearing Pressure:	8457	psf
Factored Nominal Bearing Pressure:	44283	psf
Factored Nominal (Net) Bearing Pressure:	19%	Pass
Load Direction Controlling Design Bearing Pressure:	<i>Diagonal to Pad Edge</i>	

Sliding Factor of Safety		
Ultimate Friction Resistance:	89.2	k
Ultimate Passive Pressure Resistance:	444.1	k
Total Factored Sliding Resistance:	400.0	k
Sliding Design / Sliding Resistance:	8%	Pass





GPD Engineering And Architecture Professional Corporation  
 520 South Main Street, Suite 2531  
 Akron, OH 44311  
 (317) 295-3174

Maser Consulting Contact:  
 Peter.albano@colliersengineering.com  
 (856) 371-9457

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

Mount Fix

SMART Tool Project #: 10084891  
 GPD Project #: 2021740.467684.02  
 Maser Consulting Project #: 21777626

July 13, 2021

### Site Information

Site ID: 467684-VZW / CROMWELL SW CT  
 Site Name: CROMWELL SW CT  
 Carrier Name: Verizon Wireless  
 Address: 100 Berlin Road  
 Cromwell, Connecticut 06416, Middlesex County  
 Latitude: 41.606210°  
 Longitude: -72.701206°

### Structure Information

Tower Type: Self Support/Monopole  
 Mount Type: 15.50-Ft Platform Mount

**FUZE ID # 16231961**

### Analysis Results

Platform Mount: **92.8% 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: Eric Nieto

Respectfully Submitted by:

Christopher J. Scheks, P.E.  
 Connecticut #: 0030026



7/13/2021

## **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:**

<b>Document Type</b>	<b>Remarks</b>
Radio Frequency Data Sheet (RFDS)	Verizon RFDS Site ID: 323641, dated 6/4/2021
Mount Mapping	Structural Components Site ID: 16231961, dated 3/29/2021
Previous Mount Analysis Report	GPD Project #: 2021740.467684.01, dated 7/2/2021
Proposed Mount Modification Design	GPD Project #: 2021740.467684.02 Rev. 0, dated 7/13/2021

## **Analysis Criteria:**

Codes and Standards:	ANSI/TIA-222-H
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), $V_{ULT}$ : 119 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, $K_e$ : 0.997
Seismic Parameters:	$S_s$ : 0.204 $S_1$ : 0.055
Maintenance Parameters:	Wind Speed (3-sec. Gust): 30 mph Maintenance Live Load, $L_v$ : 250 lbs. Maintenance Live Load, $L_m$ : 500 lbs.
Analysis Software:	RISA-3D (V17.0.2)

**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	
85.00	88.00	6	JMA Wireless	MX06FRO660-03	Added	
		3	Samsung	MT6407-77A		
		1	Raycap	RVZDC-6627-PF-48*		
		3	Samsung	B2/B66A RRH-BR049		
		3	Samsung	B5/B13 RRH-BR04C		
		4	Andrew	DB846F65ZAXY		Retained
	100.00	100.00	2	Antel	LPA80080/6CF	Leased
			3	Unknown	Panel 72x7x4**	Retained
			6	Powerwave Allgon	LGP 21401**	
			3	Unknown	Panel 72x14x7**	
			6	Ericsson	RRUS 32**	
			3	Quintel	QS66512-2**	
		3	Ericsson	RRUS-11 B12**		

\* Equipment is to be flush mounted directly to the Self Support/Monopole. They are not mounted on the Platform mount and are not included in this mount analysis.

\*\* Other carrier equipment considered for the analysis of the mount.

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 GPD 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 GPD 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 GPD, 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. GPD is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.
7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:
  - Channel, Solid Round, Angle, Plate      ASTM A36 (Gr. 36)
  - HSS (Rectangular)                              ASTM 500 (Gr. B-46)
  - Pipe                                                      ASTM A53 (Gr. B-35)
  - Threaded Rod                                      ASTM A307
  - 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 GPD.**

**Analysis Results:**

Component	Utilization %	Pass/Fail
Platform HSS Framing	31.1 %	Pass
Platform Kicker	29.9 %	Pass
Platform Face Horizontals	33.0 %	Pass
Platform Vertical	85.3 %	Pass
Corner Rail Post	23.4 %	Pass
Corner Angle Brace 1	23.8 %	Pass
Connection Plate	17.9 %	Pass
Corner Angle Brace 2	11.2 %	Pass
Corner Angle Brace 3	41.6 %	Pass
Mount Pipe (P3.5 STD)	26.9 %	Pass
Mount Pipe (P2.0 STD)	15.7 %	Pass
Mount Pipe Connection HSS	17.5 %	Pass
Platform Tower Horz	53.7 %	Pass
Mod Reinforcement Horz	85.0 %	Pass
Mod Reinf Horz Corner Angle	92.3 %	Pass
Mod V-Kit Angle	81.8 %	Pass
Mount Connection	92.8 %	Pass

<b>Structure Rating – (Controlling Utilization of all Components)</b>	<b>92.8%</b>
-----------------------------------------------------------------------	--------------

**Recommendation:**


The existing mount 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.

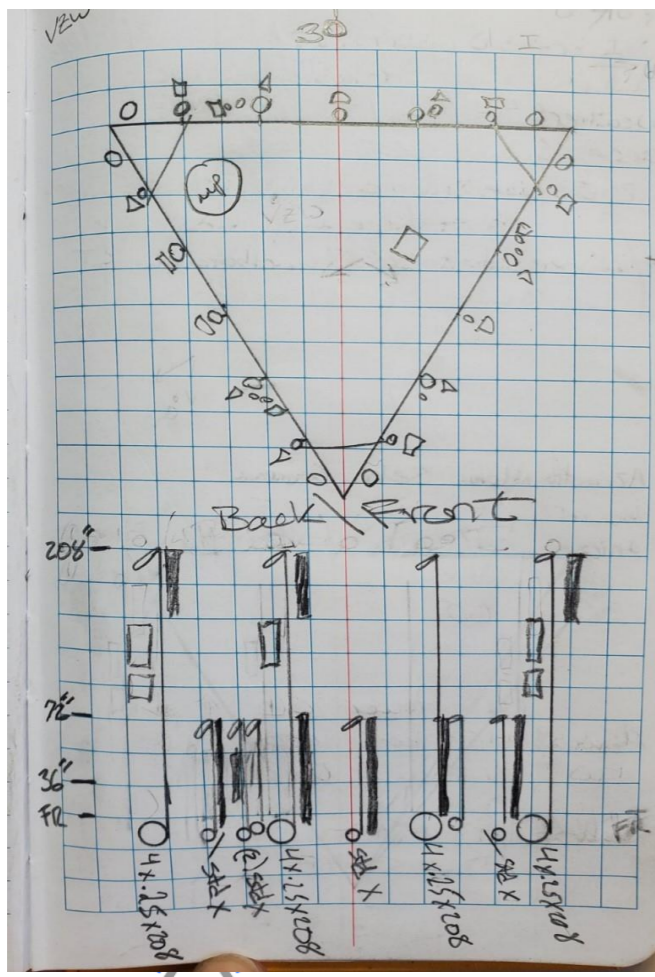
**Attachments:**

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



	Antenna Mount Mapping Form (PATENT PENDING)			FCC #
	Tower Owner:	ATC	Mapping Date:	3/29/2021
	Site Name:	Cromwell CT	Tower Type:	Other
	Site Number or ID:	16231961	Tower Height (Ft.):	
Mapping Contractor:	Structural Components	Mount Elevation (Ft.):	80	

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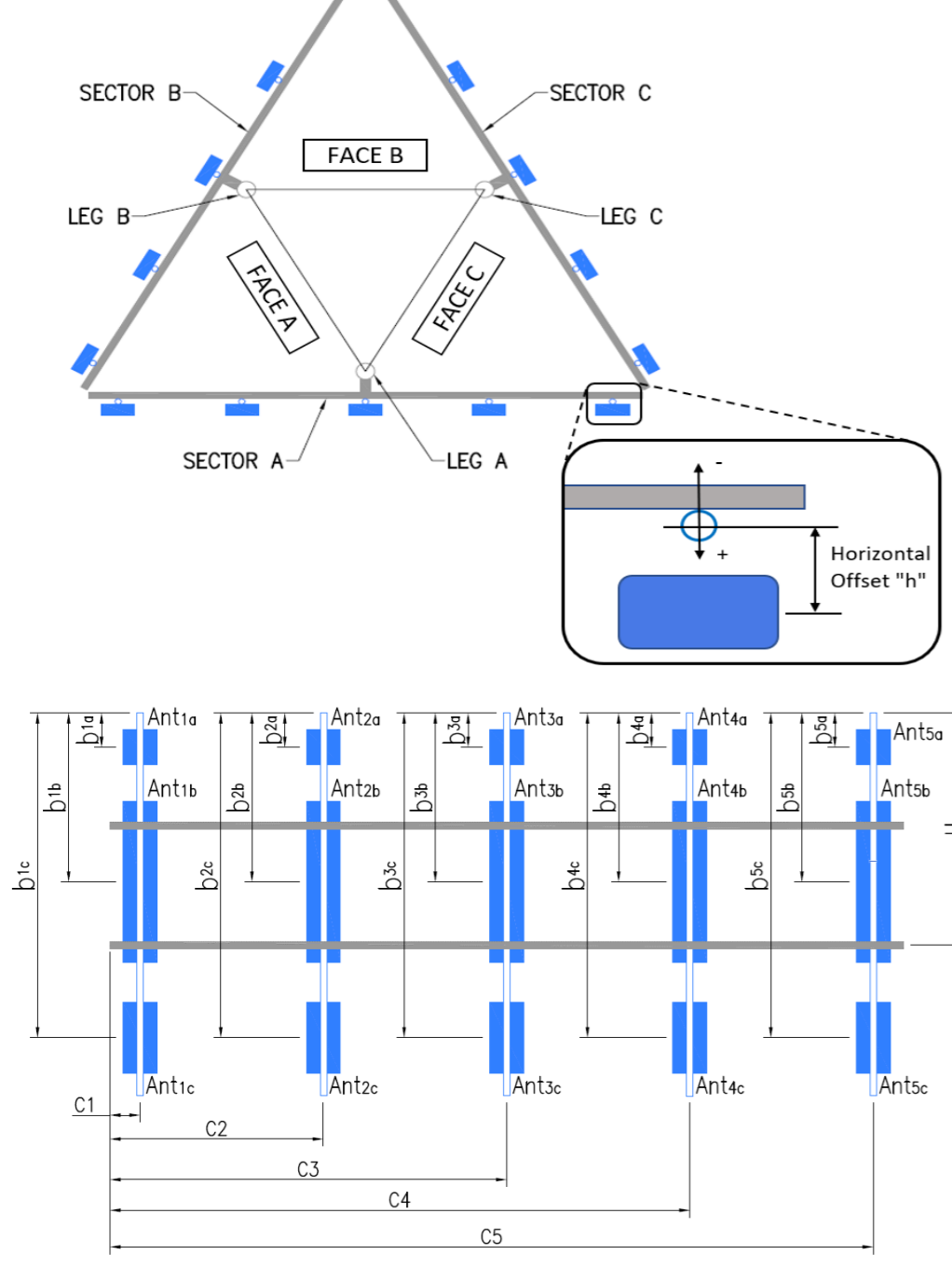


Mount Pipe Configuration and Geometries [Unit = Inches]							
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2-3/8 x 0.154 x 72	72.00	23.00	C1	2-3/8 x 0.154 x 72	72.00	23.00
A2	4 x 0.25 x 208	208.00	58.00	C2	4 x 0.25 x 208	208.00	58.00
A3	2-3/8 x 0.154 x 72	72.00	89.00	C3	2-3/8 x 0.154 x 72	72.00	89.00
A4	4 x 0.25 x 208	208.00	118.00	C4	4 x 0.25 x 208	208.00	118.00
A5	2-3/8 x 0.154 x 72	72.00	154.00	C5	2-3/8 x 0.154 x 72	72.00	154.00
A6				C6			
B1	2-3/8 x 0.154 x 72	72.00	23.00	D1			
B2	4 x 0.25 x 208	208.00	58.00	D2			
B3	2-3/8 x 0.154 x 72	72.00	89.00	D3			
B4	4 x 0.25 x 208	208.00	118.00	D4			
B5	2-3/8 x 0.154 x 72	72.00	154.00	D5			
B6				D6			

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :  
 Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :  
 Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :  
 Please enter additional information or comments below.

additional 4" pipe left of position 1 and right of position 5, with ATT equipment  
 Extra notes in photos

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

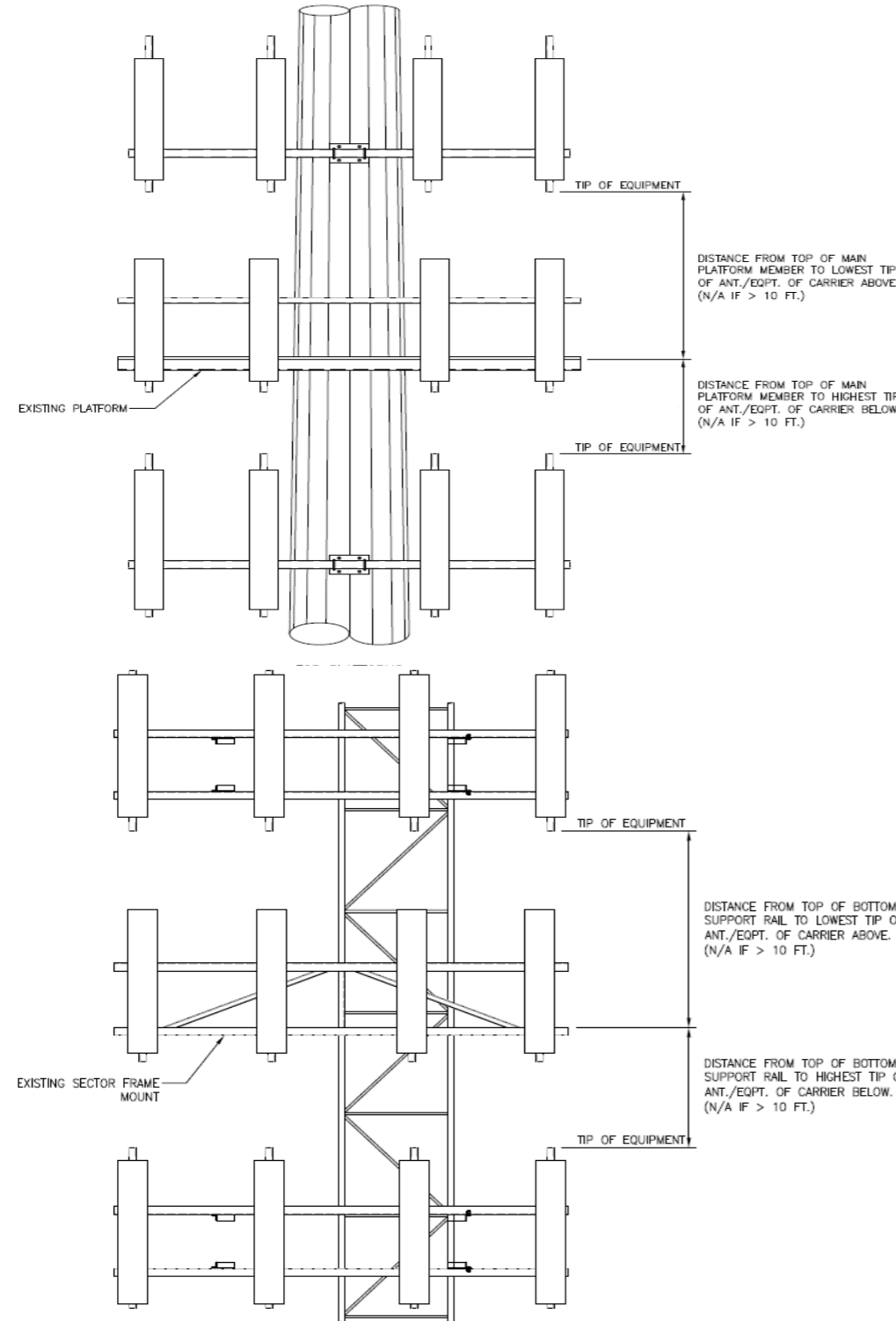


Ants. Items	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances "b <sub>1a</sub> , b <sub>2a</sub> , b <sub>3a</sub> , b <sub>1b</sub> ..." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	
<b>Sector A</b>										
Ant <sub>1a</sub>										
Ant <sub>1b</sub>	DB846F65ZAXY	10.00	8.00	72.00		83	36.00	8.00	15.00	10, 46
Ant <sub>1c</sub>										
Ant <sub>2a</sub>	9442 RRH 2x40-AWS	12.00	8.00	25.00		84	160.00	-8.00	15.00	10, 46
Ant <sub>2b</sub>	BXA-17063-12CF EDIN	6.00	4.00	72.00		83	172.00	8.00	15.00	10, 46
Ant <sub>2c</sub>										
Ant <sub>3a</sub>										
Ant <sub>3b</sub>	BXA-17063-CF EDIN	11.00	4.50	71.00		71.6667	172.00	11.00	15.00	10, 47
Ant <sub>3c</sub>										
Ant <sub>4a</sub>										
Ant <sub>4b</sub>	BXA-171085-12BF ED	6.00	4.00	72.00		83.5	166.00	6.00	15.00	10, 48
Ant <sub>4c</sub>										
Ant <sub>5a</sub>										
Ant <sub>5b</sub>	DB846F65ZAXY	10.00	8.00	72.00		83.0833	35.00	8.00	15.00	10, 48
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:	30.00	Deg	Leg A:		Deg	Ant <sub>1a</sub>															
Sector B:	150.00	Deg	Leg B:		Deg	Ant <sub>1b</sub>	DB846F65ZAXY	10.00	8.00	72.00		83	36.00	8.00	140.00	23, 49					
Sector C:	270.00	Deg	Leg C:		Deg	Ant <sub>1c</sub>															
Sector D:		Deg	Leg D:		Deg	Ant <sub>2a</sub>	9442 RRH 2x40-AWS	12.00	8.00	25.00		84	160.00	-8.00		23, 49					
<b>Climbing Facility Information</b>						Ant <sub>2b</sub>	BXA-17063-12CF EDIN	6.00	4.00	72.00		83	172.00	8.00	140.00	23, 49					
Location:	60.00	Deg	Sector A			Ant <sub>2c</sub>															
Climbing Facility	Corrosion Type:		Good condition.			Ant <sub>3a</sub>															
	Access:		Climbing path was obstructed.			Ant <sub>3b</sub>	BXA-17063-CF EDIN	11.00	4.50	71.00		71.6667	172.00	11.00	140.00	23, 49					
	Condition:		N/A			Ant <sub>3c</sub>															
						Ant <sub>4a</sub>															
						Ant <sub>4b</sub>	BXA-171085-12BF ED	6.00	4.00	72.00		83.5	166.00	6.00	140.00	23, 49					
						Ant <sub>4c</sub>															
						Ant <sub>5a</sub>															
						Ant <sub>5b</sub>	DB846F65ZAXY	10.00	8.00	72.00		83.0833	35.00	8.00	140.00	23, 50					
						Ant <sub>5c</sub>															
						Ant on Standoff															
						Ant on Standoff	RRFDC-3315-PF-48	14.50	11.00	19.00	1) 1.5" Hyb		40.00			51					
						Ant on Tower															
						Ant on Tower															
														Sector C							
						Ant <sub>1a</sub>	GPS					86.5	-6.00			52					
						Ant <sub>1b</sub>	DB846F65ZAXY	10.00	8.00	72.00		83	36.00	8.00	260.00	32, 52					
						Ant <sub>1c</sub>															
						Ant <sub>2a</sub>	9442 RRH 2x40-AWS	12.00	8.00	25.00		84	160.00	-8.00		32, 52					
						Ant <sub>2b</sub>	BXA-17063-12CF EDIN	6.00	4.00	72.00		83	172.00	8.00	260.00	32, 52					
						Ant <sub>2c</sub>															
						Ant <sub>3a</sub>															
						Ant <sub>3b</sub>	BXA-17063-CF EDIN	11.00	4.50	71.00		71.6667	172.00	11.00	260.00	32, 52					
						Ant <sub>3c</sub>															
						Ant <sub>4a</sub>															
						Ant <sub>4b</sub>	BXA-171085-12BF ED	6.00	4.00	72.00		83.5	166.00	6.00	270.00	32, 51					
						Ant <sub>4c</sub>															
						Ant <sub>5a</sub>															
						Ant <sub>5b</sub>	DB846F65ZAXY	10.00	8.00	72.00		83.0833	35.00	8.00	250.00	32, 51					
						Ant <sub>5c</sub>															
						Ant on Standoff															
						Ant on Standoff															
						Ant on Tower															
						Ant on Tower															
														Sector D							
						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		
2		
3		
4		
5		
6		
7		
8		

Mapping Notes
---------------

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

Standard Conditions
---------------------

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

	Antenna Mount Mapping Form (PATENT PENDING)			FCC #
	Tower Owner:	ATC	Mapping Date:	3/29/2021
	Site Name:	Cromwell CT	Tower Type:	Other
	Site Number or ID:	16231961	Tower Height (Ft.):	
	Mapping Contractor:	Structural Components	Mount Elevation (Ft.):	80

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

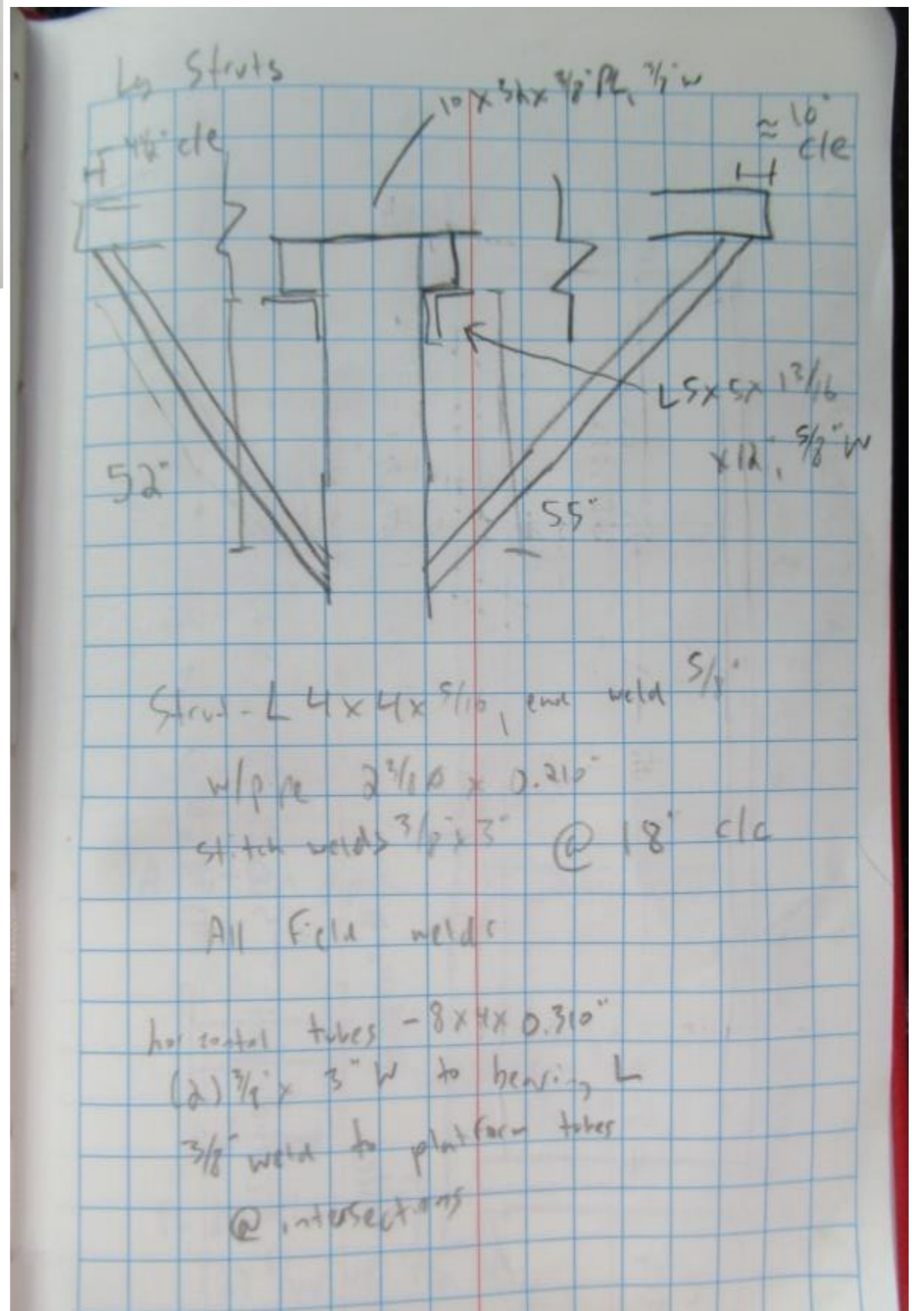
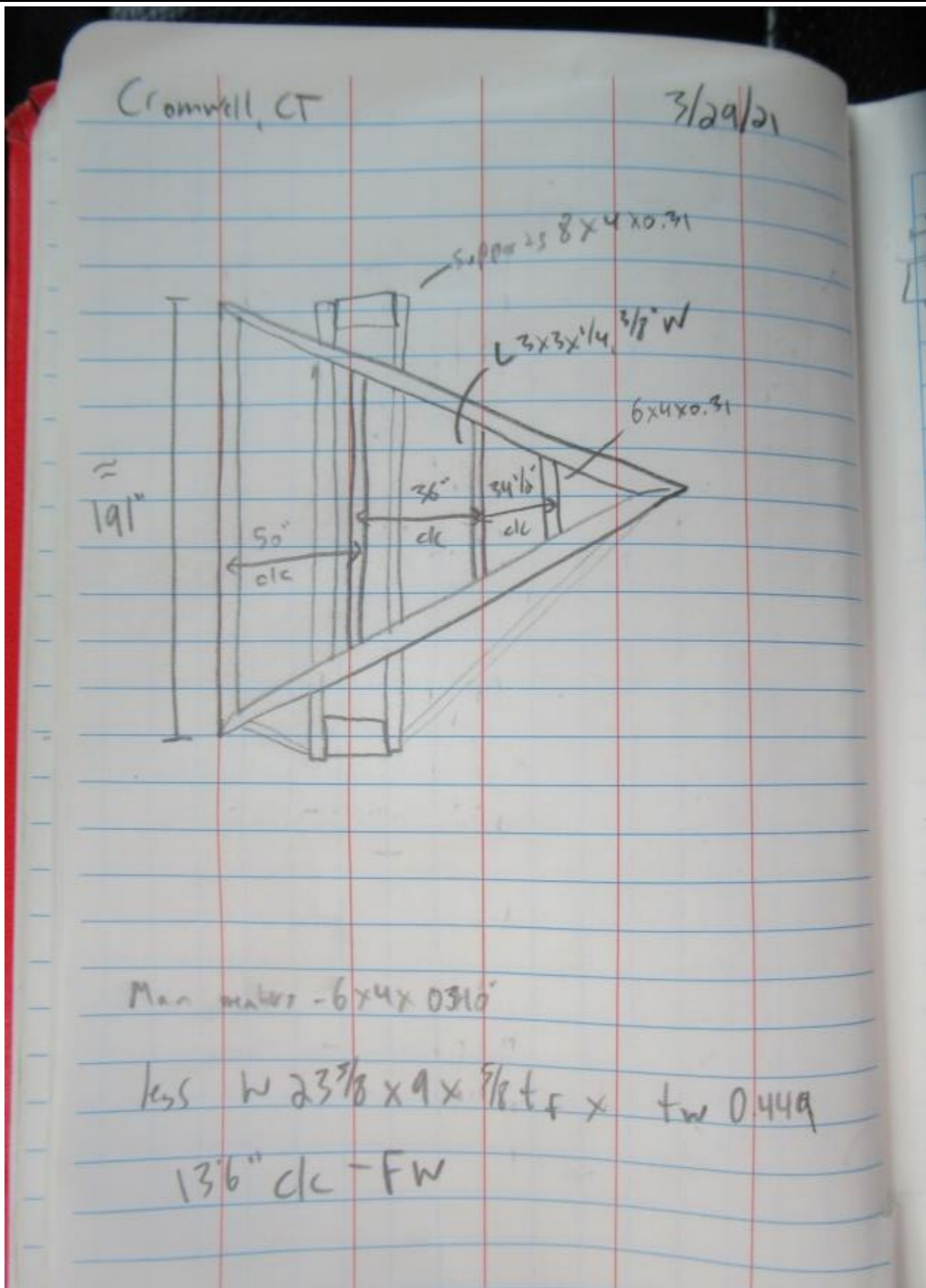
Please Insert Sketches of the Antenna Mount

Maser-VZW 21777626 3/29/21  
 Todd/wes Cromwell SW CT  
 Weather: 40 / PC / 20 mph NW  
 Access : 2WD ATC  
 99 Christian Hill Rd Cromwell Ct  
 Christian Hill Rd + Coles Rd  
 + 28 Crescent St, Middletown CT

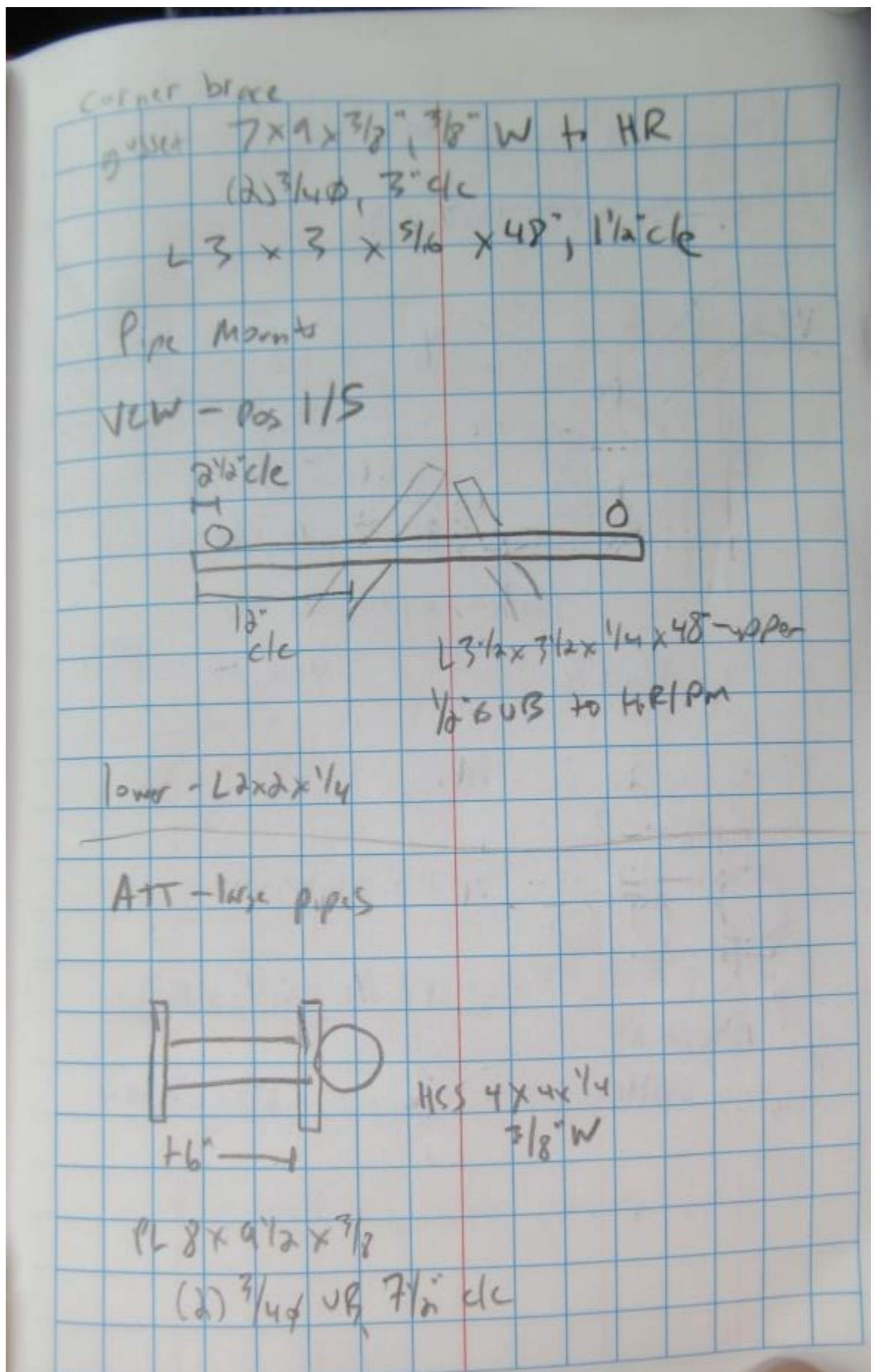
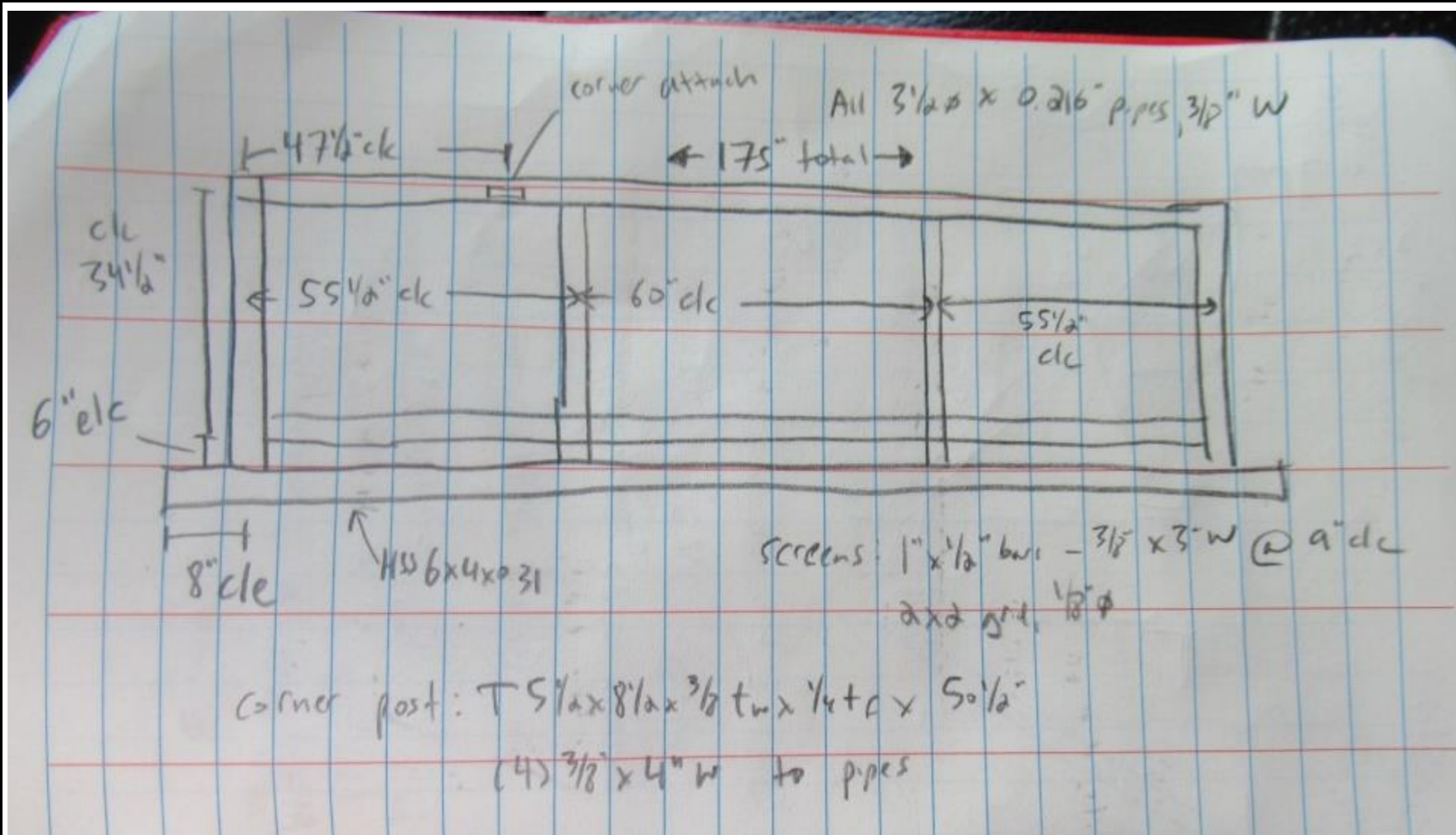
Azimuths	Alpha	Beta	Gamma
Mount	30	150	270
Antenna	20	140	250
Leg			
SC	60		

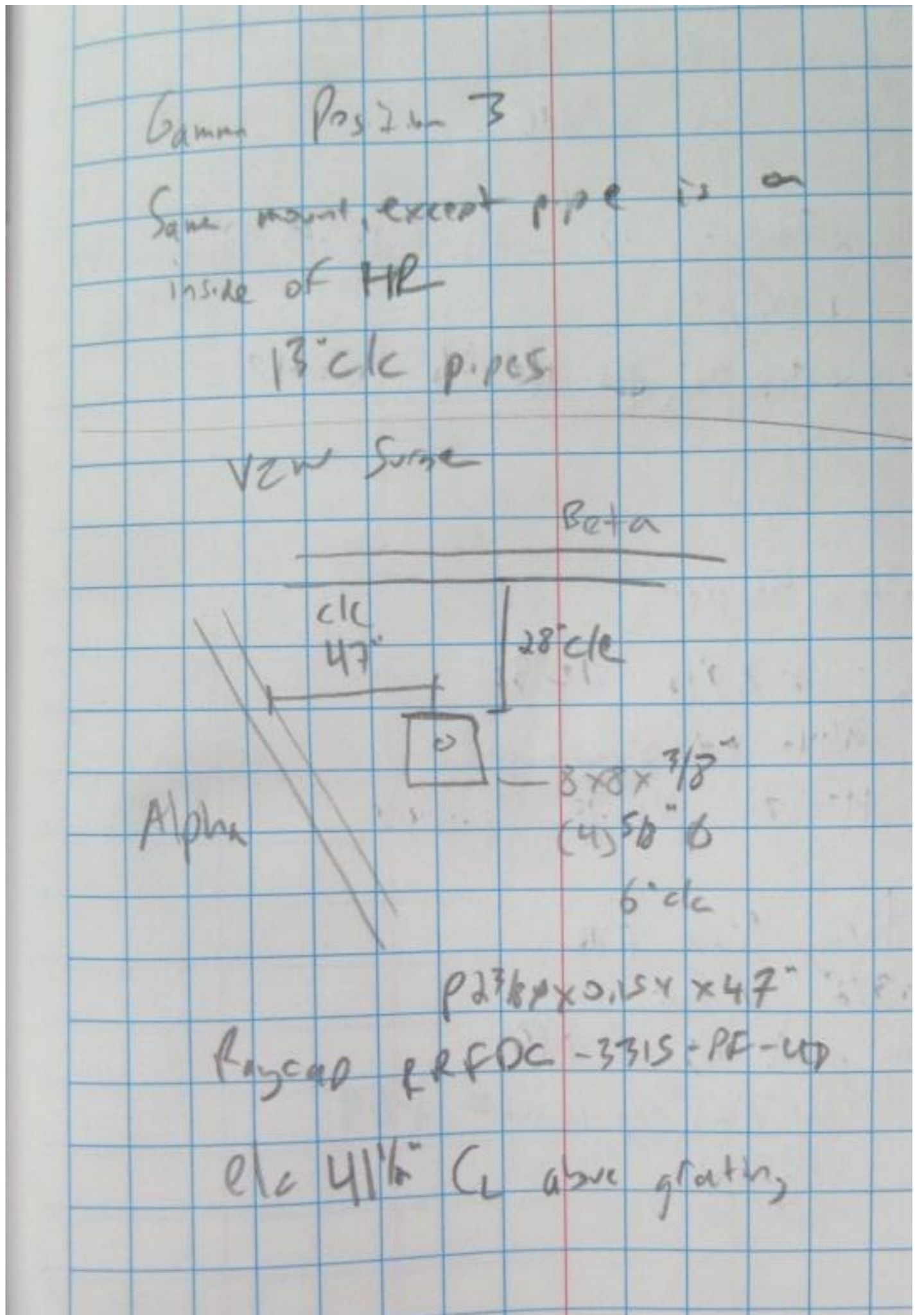
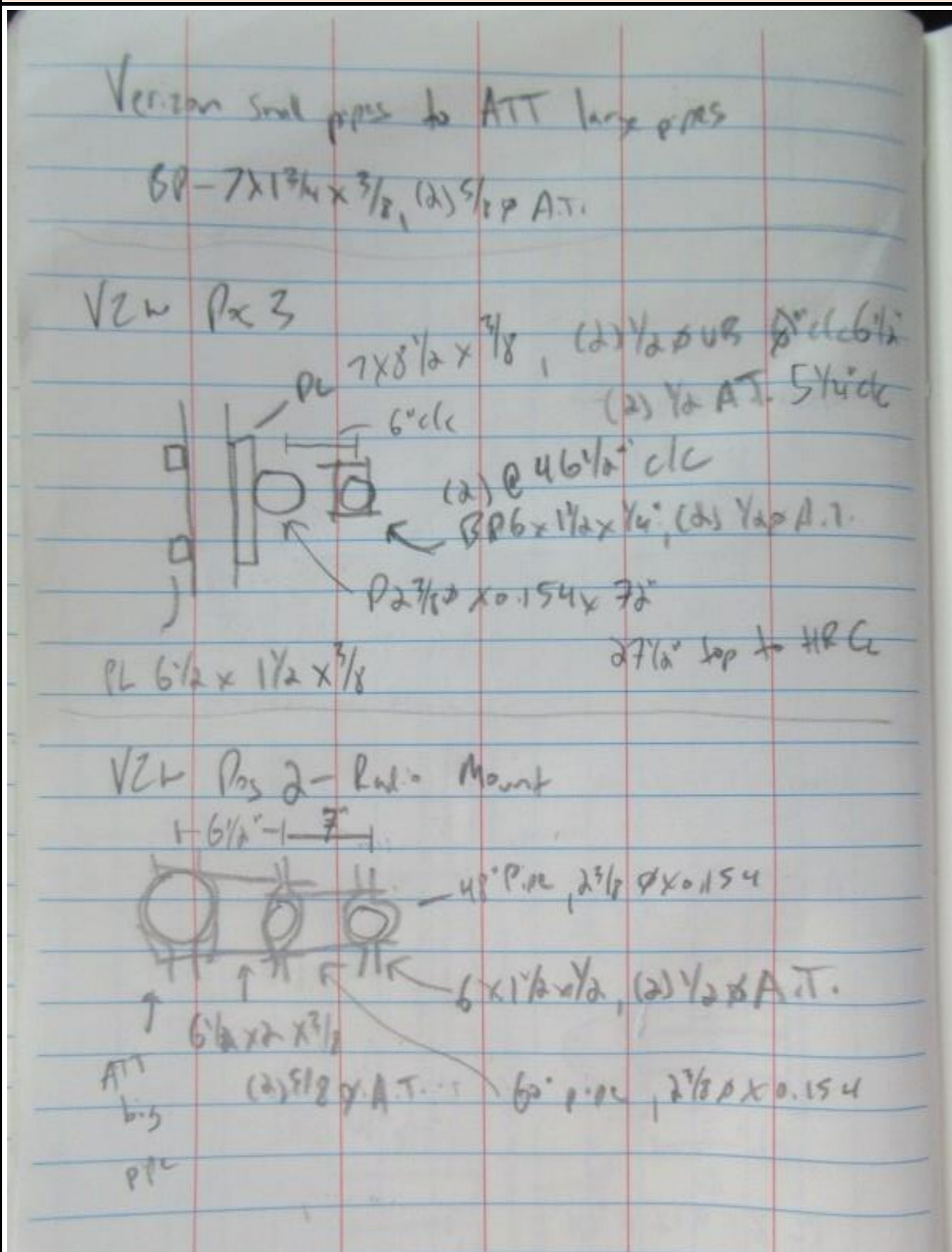
FR Tower CL ↑ ↓  
 Elevations: 80'  
 FW leg φ

Cables: (18) 1-5/8  
 1 1.5 HYB









Gamma equipment -

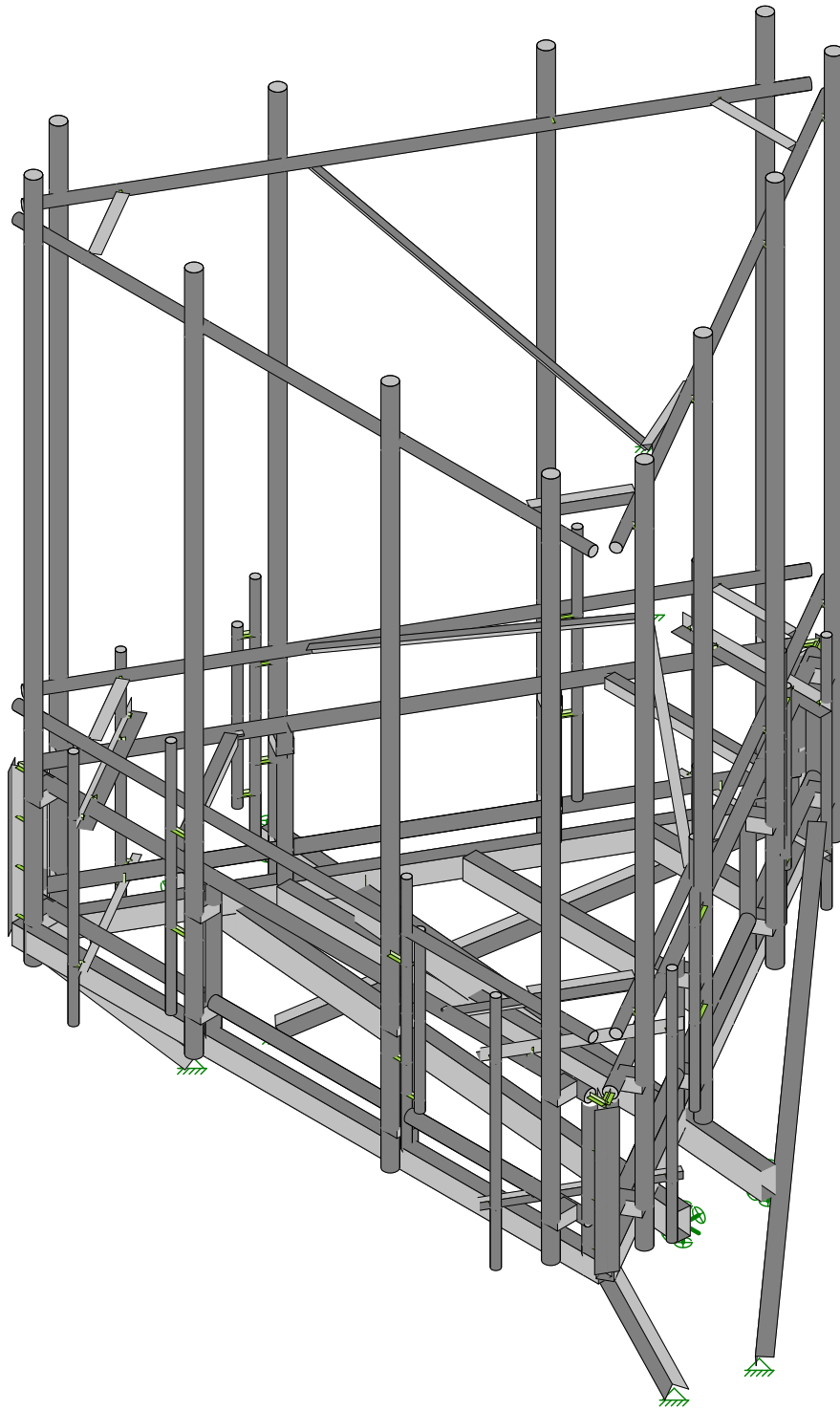
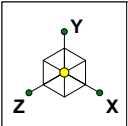
P1 - ATT large pipe  
 $C = 9''$ , same elev  
 (2) dipole @ same A/B  
 (1) panel same A/B

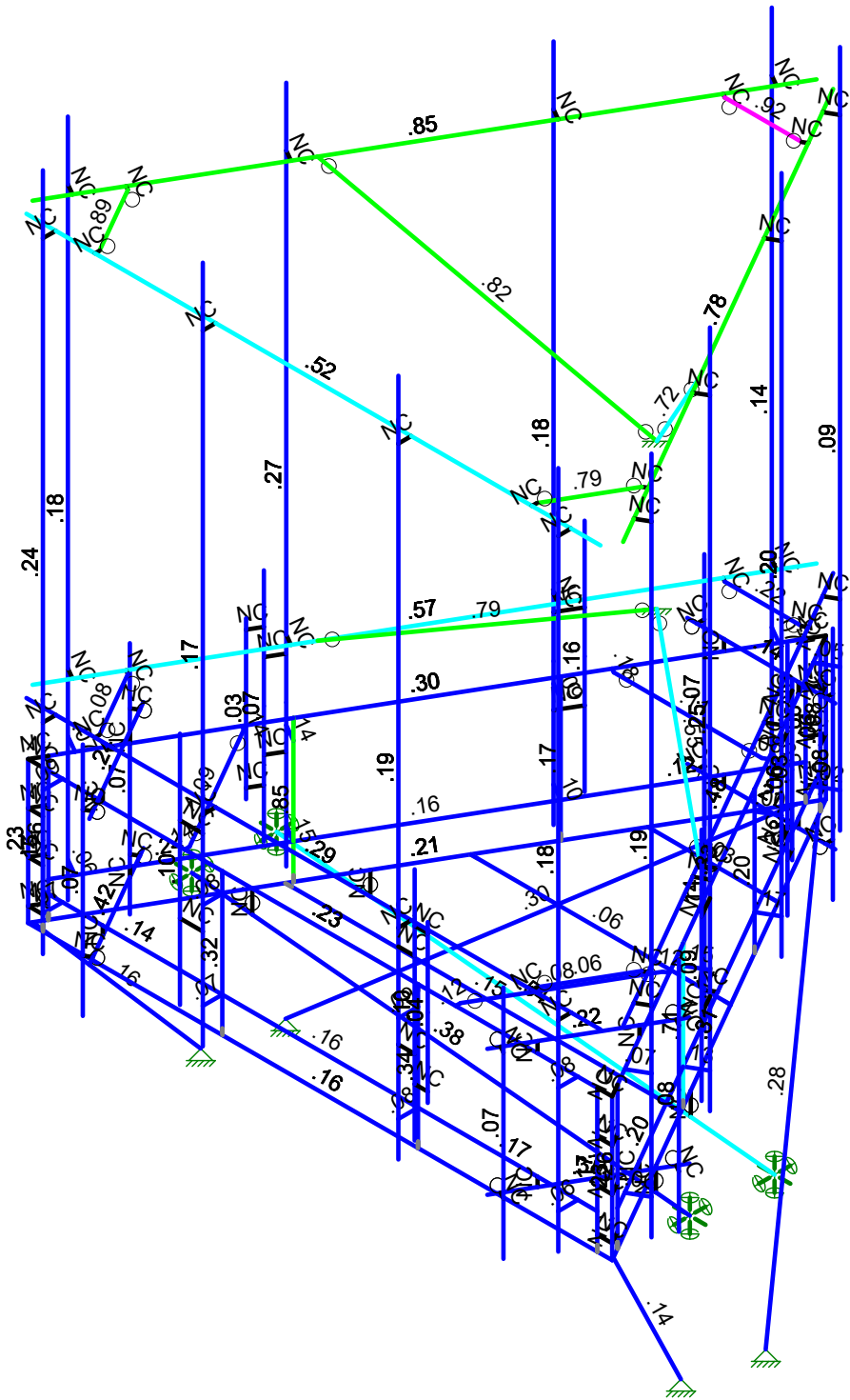
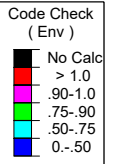
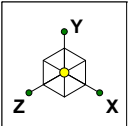
P2 -  $2\frac{1}{8} \times 72''$ , same U - also 3"  $\phi$  GPS 10" above tip of pipe  
 $C = +13\frac{1}{2}''$   
 Jumper  $6 \times 13 \times 72''$ ,  $H = 13\frac{1}{2}''$ ,  $U = 40''$   
 (1) 15/1 TX

P3 -  $2\frac{3}{8} \times 48''$  pipe  
 $C = +20\frac{1}{2}''$   $U = 50''$   
 9442 RRH  $2 \times 40$  AMS  
 $H = 7''$   $U = 20''$  jumpers

P4 - large ATT pipe  
 $C = +13\frac{1}{2}''$  same  
 same panel as A/B  
 $H = 7\frac{1}{2}''$ , tip height =  $+69''$   
 jumpers

P5 - ATT Surge  $C = +13''$   
 $2\frac{3}{8} \times 60''$ ,  $U = 60''$   
 Rycap DC6 - 47-60-18C  
~~height =~~  $8' \phi \times 18''$   
 height =  $+62''$  CL





Member Code Checks Displayed (Enveloped)  
Results for LC 1, 1.2D+1.0Wo (0 Deg)



### Basic Load Cases

	BLC Description	Category	X Gra...	Y Gra...	Z Grav...	Joint	Point	Distrib...	Area(Member)	Surface(Plate/W...
1	Antenna D	None					207			
2	Antenna Di	None					207			
3	Antenna Wo (0 Deg)	None					207			
4	Antenna Wo (30 Deg)	None					207			
5	Antenna Wo (60 Deg)	None					207			
6	Antenna Wo (90 Deg)	None					207			
7	Antenna Wo (120 Deg)	None					207			
8	Antenna Wo (150 Deg)	None					207			
9	Antenna Wo (180 Deg)	None					207			
10	Antenna Wo (210 Deg)	None					207			
11	Antenna Wo (240 Deg)	None					207			
12	Antenna Wo (270 Deg)	None					207			
13	Antenna Wo (300 Deg)	None					207			
14	Antenna Wo (330 Deg)	None					207			
15	Antenna Wi (0 Deg)	None					207			
16	Antenna Wi (30 Deg)	None					207			
17	Antenna Wi (60 Deg)	None					207			
18	Antenna Wi (90 Deg)	None					207			
19	Antenna Wi (120 Deg)	None					207			
20	Antenna Wi (150 Deg)	None					207			
21	Antenna Wi (180 Deg)	None					207			
22	Antenna Wi (210 Deg)	None					207			
23	Antenna Wi (240 Deg)	None					207			
24	Antenna Wi (270 Deg)	None					207			
25	Antenna Wi (300 Deg)	None					207			
26	Antenna Wi (330 Deg)	None					207			
27	Antenna Wm (0 Deg)	None					207			
28	Antenna Wm (30 Deg)	None					207			
29	Antenna Wm (60 Deg)	None					207			
30	Antenna Wm (90 Deg)	None					207			
31	Antenna Wm (120 Deg)	None					207			
32	Antenna Wm (150 Deg)	None					207			
33	Antenna Wm (180 Deg)	None					207			
34	Antenna Wm (210 Deg)	None					207			
35	Antenna Wm (240 Deg)	None					207			
36	Antenna Wm (270 Deg)	None					207			
37	Antenna Wm (300 Deg)	None					207			
38	Antenna Wm (330 Deg)	None					207			
39	Structure D	None		-1					2	
40	Structure Di	None						122	2	
41	Structure Wo (0 Deg)	None						244		
42	Structure Wo (30 Deg)	None						244		
43	Structure Wo (60 Deg)	None						244		
44	Structure Wo (90 Deg)	None						244		
45	Structure Wo (120 Deg)	None						244		
46	Structure Wo (150 Deg)	None						244		
47	Structure Wo (180 Deg)	None						244		
48	Structure Wo (210 Deg)	None						244		
49	Structure Wo (240 Deg)	None						244		
50	Structure Wo (270 Deg)	None						244		
51	Structure Wo (300 Deg)	None						244		
52	Structure Wo (330 Deg)	None						244		
53	Structure Wi (0 Deg)	None						244		
54	Structure Wi (30 Deg)	None						244		
55	Structure Wi (60 Deg)	None						244		
56	Structure Wi (90 Deg)	None						244		



Company : GPD  
 Designer : ENIETO  
 Job Number : Project No. 10084891  
 Model Name : 467684-VZW\_MT\_LO\_H

July 12, 2021  
 5:41 PM  
 Checked By: \_\_\_\_\_

**Basic Load Cases (Continued)**

BLC Description	Category	X Gra...	Y Gra...	Z Grav...	Joint	Point	Distrib...	Area(Member)	Surface(Plate/W...
57 Structure Wi (120 Deg)	None						244		
58 Structure Wi (150 Deg)	None						244		
59 Structure Wi (180 Deg)	None						244		
60 Structure Wi (210 Deg)	None						244		
61 Structure Wi (240 Deg)	None						244		
62 Structure Wi (270 Deg)	None						244		
63 Structure Wi (300 Deg)	None						244		
64 Structure Wi (330 Deg)	None						244		
65 Structure Wm (0 Deg)	None						244		
66 Structure Wm (30 Deg)	None						244		
67 Structure Wm (60 Deg)	None						244		
68 Structure Wm (90 Deg)	None						244		
69 Structure Wm (120 Deg)	None						244		
70 Structure Wm (150 Deg)	None						244		
71 Structure Wm (180 Deg)	None						244		
72 Structure Wm (210 Deg)	None						244		
73 Structure Wm (240 Deg)	None						244		
74 Structure Wm (270 Deg)	None						244		
75 Structure Wm (300 Deg)	None						244		
76 Structure Wm (330 Deg)	None						244		
77 Lm1	None					1			
78 Lm2	None					1			
79 Lv1	None					1			
80 Lv2	None					1			
81 BLC 39 Transient Area Loads	None						48		
82 BLC 40 Transient Area Loads	None						48		

**Load Combinations**

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





**Load Combinations (Continued)**

Description	S...	PDel...	SRSSB...	Fa...	B...	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...
27 1.2D + 1.5Lm1 + 1.0Wm (60 Deg)	Y...	Y	1	1.2	39	1.2	77	1.5	29	1	67	1							
28 1.2D + 1.5Lm1 + 1.0Wm (90 Deg)	Y...	Y	1	1.2	39	1.2	77	1.5	30	1	68	1							
29 1.2D + 1.5Lm1 + 1.0Wm (120 Deg)	Y...	Y	1	1.2	39	1.2	77	1.5	31	1	69	1							
30 1.2D + 1.5Lm1 + 1.0Wm (150 Deg)	Y...	Y	1	1.2	39	1.2	77	1.5	32	1	70	1							
31 1.2D + 1.5Lm1 + 1.0Wm (180 Deg)	Y...	Y	1	1.2	39	1.2	77	1.5	33	1	71	1							
32 1.2D + 1.5Lm1 + 1.0Wm (210 Deg)	Y...	Y	1	1.2	39	1.2	77	1.5	34	1	72	1							
33 1.2D + 1.5Lm1 + 1.0Wm (240 Deg)	Y...	Y	1	1.2	39	1.2	77	1.5	35	1	73	1							
34 1.2D + 1.5Lm1 + 1.0Wm (270 Deg)	Y...	Y	1	1.2	39	1.2	77	1.5	36	1	74	1							
35 1.2D + 1.5Lm1 + 1.0Wm (300 Deg)	Y...	Y	1	1.2	39	1.2	77	1.5	37	1	75	1							
36 1.2D + 1.5Lm1 + 1.0Wm (330 Deg)	Y...	Y	1	1.2	39	1.2	77	1.5	38	1	76	1							
37 1.2D + 1.5Lm2 + 1.0Wm (0 Deg)	Y...	Y	1	1.2	39	1.2	78	1.5	27	1	65	1							
38 1.2D + 1.5Lm2 + 1.0Wm (30 Deg)	Y...	Y	1	1.2	39	1.2	78	1.5	28	1	66	1							
39 1.2D + 1.5Lm2 + 1.0Wm (60 Deg)	Y...	Y	1	1.2	39	1.2	78	1.5	29	1	67	1							
40 1.2D + 1.5Lm2 + 1.0Wm (90 Deg)	Y...	Y	1	1.2	39	1.2	78	1.5	30	1	68	1							
41 1.2D + 1.5Lm2 + 1.0Wm (120 Deg)	Y...	Y	1	1.2	39	1.2	78	1.5	31	1	69	1							
42 1.2D + 1.5Lm2 + 1.0Wm (150 Deg)	Y...	Y	1	1.2	39	1.2	78	1.5	32	1	70	1							
43 1.2D + 1.5Lm2 + 1.0Wm (180 Deg)	Y...	Y	1	1.2	39	1.2	78	1.5	33	1	71	1							
44 1.2D + 1.5Lm2 + 1.0Wm (210 Deg)	Y...	Y	1	1.2	39	1.2	78	1.5	34	1	72	1							
45 1.2D + 1.5Lm2 + 1.0Wm (240 Deg)	Y...	Y	1	1.2	39	1.2	78	1.5	35	1	73	1							
46 1.2D + 1.5Lm2 + 1.0Wm (270 Deg)	Y...	Y	1	1.2	39	1.2	78	1.5	36	1	74	1							
47 1.2D + 1.5Lm2 + 1.0Wm (300 Deg)	Y...	Y	1	1.2	39	1.2	78	1.5	37	1	75	1							
48 1.2D + 1.5Lm2 + 1.0Wm (330 Deg)	Y...	Y	1	1.2	39	1.2	78	1.5	38	1	76	1							
49 1.2D + 1.5Lv1	Y...	Y	1	1.2	39	1.2	79	1.5											
50 1.2D + 1.5Lv2	Y...	Y	1	1.2	39	1.2	80	1.5											
51 1.4D	Y...	Y	1	1.4	39	1.4													
52 Seismic Mass		Y	1	1	39	1													
53 1.2D + 1.0Ev + 1.0Eh (0 Deg)		Y	1	1.2	39	1.2	SX		SY	1	SZ	-1							
54 1.2D + 1.0Ev + 1.0Eh (30 Deg)		Y	1	1.2	39	1.2	SX	.5	SY	1	SZ	-8..							
55 1.2D + 1.0Ev + 1.0Eh (60 Deg)		Y	1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5							
56 1.2D + 1.0Ev + 1.0Eh (90 Deg)		Y	1	1.2	39	1.2	SX	1	SY	1	SZ								
57 1.2D + 1.0Ev + 1.0Eh (120 Deg)		Y	1	1.2	39	1.2	SX	.866	SY	1	SZ	.5							
58 1.2D + 1.0Ev + 1.0Eh (150 Deg)		Y	1	1.2	39	1.2	SX	.5	SY	1	SZ	.866							
59 1.2D + 1.0Ev + 1.0Eh (180 Deg)		Y	1	1.2	39	1.2	SX		SY	1	SZ	1							
60 1.2D + 1.0Ev + 1.0Eh (210 Deg)		Y	1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866							
61 1.2D + 1.0Ev + 1.0Eh (240 Deg)		Y	1	1.2	39	1.2	SX	-8..	SY	1	SZ	.5							
62 1.2D + 1.0Ev + 1.0Eh (270 Deg)		Y	1	1.2	39	1.2	SX	-1	SY	1	SZ								
63 1.2D + 1.0Ev + 1.0Eh (300 Deg)		Y	1	1.2	39	1.2	SX	-8..	SY	1	SZ	-.5							
64 1.2D + 1.0Ev + 1.0Eh (330 Deg)		Y	1	1.2	39	1.2	SX	-.5	SY	1	SZ	-8..							

**Joint Coordinates and Temperatures**

Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1 N1	-0.012301	0	-8.616133	0	
2 N2	7.449024	0	4.307261	0	
3 N3	-7.473625	0	4.307261	0	
4 N4	5.043398	0	0.140594	0	
5 N5	-5.067999	0	0.140596	0	
6 N6	3.311347	0	-2.859406	0	
7 N7	-3.335949	0	-2.859406	0	
8 N8	1.651465	0	-5.734406	0	
9 N9	-1.676066	0	-5.734406	0	
10 N14	-7.430463	0	4.232501	0	
11 N15	-6.82377	-4.333333	0.548488	0	
12 N16	-0.28463	0	-8.144445	0	
13 N17	-6.649459	-4.583333	-1.443902	0	
14 N18	7.405862	0	4.232501	0	



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**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
15	N19	6.624858	-4.333333	1.72509	0	
16	N20	0.260029	0	-8.144445	0	
17	N21	6.79917	-4.583333	-0.267299	0	
18	N22	-7.28463	0	3.979911	0	
19	N23	-4.992963	0	0.010628	0	
20	N24	-2.492963	0	-4.3195	0	
21	N25	-0.201296	0	-8.288783	0	
22	N26	0.176695	0	-8.288783	0	
23	N27	2.474808	0	-4.308335	0	
24	N28	4.968362	0	0.010628	0	
25	N29	7.260029	0	3.979911	0	
26	N30	7.071033	0	4.307261	0	
27	N31	2.487699	0	4.307261	0	
28	N32	-2.512301	0	4.307261	0	
29	N33	-7.095634	0	4.307261	0	
30	N34	-7.28463	0.895833	3.979911	0	
31	N35	-4.992963	0.895833	0.010628	0	
32	N36	-2.492963	0.895833	-4.3195	0	
33	N37	-0.201296	0.895833	-8.288783	0	
34	N38	0.176695	0.895833	-8.288783	0	
35	N39	2.474808	0.895833	-4.308335	0	
36	N40	4.968362	0.895833	0.010628	0	
37	N41	7.260029	0.895833	3.979911	0	
38	N42	7.071033	0.895833	4.307261	0	
39	N43	2.487699	0.895833	4.307261	0	
40	N44	-2.512301	0.895833	4.307261	0	
41	N45	-7.095634	0.895833	4.307261	0	
42	N46	-7.28463	3.625	3.979911	0	
43	N47	-4.992963	3.625	0.010628	0	
44	N48	-2.492963	3.625	-4.3195	0	
45	N49	-0.201296	3.625	-8.288783	0	
46	N50	0.176695	3.625	-8.288783	0	
47	N51	2.474808	3.625	-4.308335	0	
48	N52	4.968362	3.625	0.010628	0	
49	N53	7.260029	3.625	3.979911	0	
50	N54	7.071033	3.625	4.307261	0	
51	N55	2.487699	3.625	4.307261	0	
52	N56	-2.512301	3.625	4.307261	0	
53	N57	-7.095634	3.625	4.307261	0	
54	N58	-0.012301	3.625	-8.616133	0	
55	N59	7.449024	3.625	4.307261	0	
56	N60	-7.473625	3.625	4.307261	0	
57	N61	-7.28463	2.541667	3.979911	0	
58	N62	-0.201296	2.541667	-8.288783	0	
59	N63	0.176695	2.541667	-8.288783	0	
60	N64	7.260029	2.541667	3.979911	0	
61	N65	7.071033	2.541667	4.307261	0	
62	N66	-7.095634	2.541667	4.307261	0	
63	N67	-0.012301	2.541667	-8.616133	0	
64	N68	7.449024	2.541667	4.307261	0	
65	N69	-7.473625	2.541667	4.307261	0	
66	N70	-7.28463	1.458333	3.979911	0	
67	N71	-0.201296	1.458333	-8.288783	0	
68	N72	0.176695	1.458333	-8.288783	0	
69	N73	7.260029	1.458333	3.979911	0	
70	N74	7.071033	1.458333	4.307261	0	
71	N75	-7.095634	1.458333	4.307261	0	



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**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap..
72	N76	-0.012301	1.458333	-8.616133	0	
73	N77	7.449024	1.458333	4.307261	0	
74	N78	-7.473625	1.458333	4.307261	0	
75	N79	-7.28463	.375	3.979911	0	
76	N80	-0.201296	.375	-8.288783	0	
77	N81	0.176695	.375	-8.288783	0	
78	N82	7.260029	.375	3.979911	0	
79	N83	7.071033	.375	4.307261	0	
80	N84	-7.095634	.375	4.307261	0	
81	N85	-0.012301	.375	-8.616133	0	
82	N86	7.449024	.375	4.307261	0	
83	N87	-7.473625	.375	4.307261	0	
84	N100	-0.012301	0	-0.000537	0	
85	N93A	-2.012301	3.625	-5.152031	0	
86	N95	-1.904047	3.625	-5.089531	0	
87	N98	1.987699	3.625	-5.152031	0	
88	N100A	1.879446	3.625	-5.089531	0	
89	N101	-1.904047	3.895833	-6.965923	0	
90	N102	1.879446	3.895833	-6.965923	0	
91	N95A	-0.96505	3.895833	-6.965923	0	
92	N96	0.940449	3.895833	-6.965923	0	
93	N97	5.449024	3.625	0.843159	0	
94	N98A	5.340771	3.625	0.905659	0	
95	N99	3.449024	3.625	4.307261	0	
96	N100B	3.449024	3.625	4.182261	0	
97	N101A	6.965774	3.895833	1.843855	0	
98	N102A	5.074027	3.895833	5.120457	0	
99	N103	6.496275	3.895833	2.657051	0	
100	N104	5.543526	3.895833	4.307261	0	
101	N105	-3.473625	3.625	4.307261	0	
102	N106	-3.473625	3.625	4.182261	0	
103	N107	-5.473625	3.625	0.843159	0	
104	N108	-5.365372	3.625	0.905659	0	
105	N109	-5.098628	3.895833	5.120457	0	
106	N110	-6.990375	3.895833	1.843855	0	
107	N111	-5.568127	3.895833	4.307261	0	
108	N112	-6.520876	3.895833	2.657051	0	
109	N113	-6.595634	0.895833	4.307261	0	
110	N115	-3.095634	3.625	4.807261	0	
111	N117	2.904366	3.625	4.807261	0	
112	N118	3.237699	3.625	4.807261	0	
113	N120	6.571033	0.895833	4.307261	0	
114	N121	-6.595634	3.625	4.307261	0	
115	N122	6.571033	3.625	4.307261	0	
116	N123	2.487699	0.895833	4.807261	0	
117	N124	-2.512301	0.895833	4.807261	0	
118	N125	2.487699	3.625	4.807261	0	
119	N126	-2.512301	3.625	4.807261	0	
120	N127	-6.595634	0.895833	4.807261	0	
121	N128	6.571033	0.895833	4.807261	0	
122	N129	-6.595634	3.625	4.807261	0	
123	N130	6.571033	3.625	4.807261	0	
124	N131	2.487699	17.333333	4.807261	0	
125	N132	-2.512301	17.333333	4.807261	0	
126	N133	-6.595634	17.333333	4.807261	0	
127	N134	6.571033	17.333333	4.807261	0	
128	N135	2.487699	0	4.807261	0	



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**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
129	N136	-2.512301	0	4.807261	0	
130	N137	-6.595634	0	4.807261	0	
131	N138	6.571033	0	4.807261	0	
132	N142	5.199027	3.895833	4.90395	0	
133	N143	-5.223628	3.895833	4.90395	0	
134	N141	4.960736	-3.625	0.445215	0	
135	N142A	-1.904047	0.666667	-6.965923	0	
136	N143A	1.879446	0.666667	-6.965923	0	
137	N144	-0.96505	0.666667	-6.965923	0	
138	N145	0.940449	0.666667	-6.965923	0	
139	N146	6.965774	0.666667	1.843855	0	
140	N147	5.074027	0.666667	5.120457	0	
141	N148	6.496275	0.666667	2.657051	0	
142	N149	5.543526	0.666667	4.307261	0	
143	N150	-5.098628	0.666667	5.120457	0	
144	N151	-6.990375	0.666667	1.843855	0	
145	N152	-5.568127	0.666667	4.307261	0	
146	N153	-6.520876	0.666667	2.657051	0	
147	N154	5.199027	0.666667	4.90395	0	
148	N155	-5.223628	0.666667	4.90395	0	
149	N157A	5.361407	3.895833	4.9977	0	
150	N158	-5.386008	3.895833	4.9977	0	
151	N156	5.361407	0.666667	4.9977	0	
152	N157	-5.386008	0.666667	4.9977	0	
153	N158A	5.361407	5.333333	4.9977	0	
154	N159	-5.386008	5.333333	4.9977	0	
155	N160	-3.095634	6.625	4.807261	0	
156	N161	2.904366	6.625	4.807261	0	
157	N162	-3.095634	.625	4.807261	0	
158	N163	2.904366	.625	4.807261	0	
159	N164	3.237699	5.625	4.807261	0	
160	N165	3.237699	1.625	4.807261	0	
161	N171	5.361407	-0.666667	4.9977	0	
162	N172	-5.386008	-0.666667	4.9977	0	
163	N173	3.237699	5.375	4.807261	0	
164	N174	3.237699	1.875	4.807261	0	
165	N175	2.904366	5.375	4.807261	0	
166	N176	2.904366	1.875	4.807261	0	
167	N177	2.904366	4.708333	4.807261	0	
168	N178	2.904366	2.541667	4.807261	0	
169	N179	2.487699	4.708333	4.807261	0	
170	N180	2.487699	2.541667	4.807261	0	
171	N181	-3.095634	4.708333	4.807261	0	
172	N182	-3.095634	2.541667	4.807261	0	
173	N183	-2.512301	4.708333	4.807261	0	
174	N184	-2.512301	2.541667	4.807261	0	
175	N189	-0.451296	0.895833	-7.85577	0	
176	N190	-2.634309	3.625	-5.074681	0	
177	N192	-5.634309	3.625	0.121471	0	
178	N193	-5.800976	3.625	0.410147	0	
179	N194	-7.03463	0.895833	3.546898	0	
180	N195	-0.451296	3.625	-7.85577	0	
181	N196	-7.03463	3.625	3.546898	0	
182	N197	-5.425976	0.895833	-0.239373	0	
183	N198	-2.925976	0.895833	-4.5695	0	
184	N199	-5.425976	3.625	-0.239373	0	
185	N200	-2.925976	3.625	-4.5695	0	



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**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap..
186	N201	-0.884309	0.895833	-8.10577	0	
187	N202	-7.467642	0.895833	3.296898	0	
188	N203	-0.884309	3.625	-8.10577	0	
189	N204	-7.467642	3.625	3.296898	0	
190	N205	-5.425976	17.333333	-0.239373	0	
191	N206	-2.925976	17.333333	-4.5695	0	
192	N207	-0.884309	17.333333	-8.10577	0	
193	N208	-7.467642	17.333333	3.296898	0	
194	N209	-5.425976	0	-0.239373	0	
195	N210	-2.925976	0	-4.5695	0	
196	N211	-0.884309	0	-8.10577	0	
197	N212	-7.467642	0	3.296898	0	
198	N213	-6.865375	3.895833	2.060361	0	
199	N214	-1.654047	3.895833	-6.965923	0	
200	N215	-6.865375	0.666667	2.060361	0	
201	N216	-1.654047	0.666667	-6.965923	0	
202	N217	-7.027755	3.895833	2.154111	0	
203	N218	-1.654047	3.895833	-7.153423	0	
204	N219	-7.027755	0.666667	2.154111	0	
205	N220	-1.654047	0.666667	-7.153423	0	
206	N221	-7.027755	5.333333	2.154111	0	
207	N222	-1.654047	5.333333	-7.153423	0	
208	N223	-2.634309	6.625	-5.074681	0	
209	N224	-5.634309	6.625	0.121471	0	
210	N225	-2.634309	.625	-5.074681	0	
211	N226	-5.634309	.625	0.121471	0	
212	N227	-5.800976	5.625	0.410147	0	
213	N228	-5.800976	1.625	0.410147	0	
214	N234	-7.027755	-0.666667	2.154111	0	
215	N235	-1.654047	-0.666667	-7.153423	0	
216	N236	-5.800976	5.375	0.410147	0	
217	N237	-5.800976	1.875	0.410147	0	
218	N238	-5.634309	5.375	0.121471	0	
219	N239	-5.634309	1.875	0.121471	0	
220	N240	-5.634309	4.708333	0.121471	0	
221	N241	-5.634309	2.541667	0.121471	0	
222	N242	-5.425976	4.708333	-0.239373	0	
223	N243	-5.425976	2.541667	-0.239373	0	
224	N244	-2.634309	4.708333	-5.074681	0	
225	N245	-2.634309	2.541667	-5.074681	0	
226	N246	-2.925976	4.708333	-4.5695	0	
227	N247	-2.925976	2.541667	-4.5695	0	
228	N248	2.468362	0.895833	-4.3195	0	
229	N250	2.468362	3.625	-4.3195	0	
230	N252	7.010029	0.895833	3.546898	0	
231	N253	5.693041	3.625	0.265809	0	
232	N255	2.693041	3.625	-4.930343	0	
233	N256	2.526375	3.625	-5.219019	0	
234	N257	0.426695	0.895833	-7.85577	0	
235	N258	7.010029	3.625	3.546898	0	
236	N259	0.426695	3.625	-7.85577	0	
237	N260	2.901375	0.895833	-4.5695	0	
238	N261	5.401375	0.895833	-0.239373	0	
239	N262	2.901375	3.625	-4.5695	0	
240	N263	5.401375	3.625	-0.239373	0	
241	N264	7.443041	0.895833	3.296898	0	
242	N265	0.859708	0.895833	-8.10577	0	



Company : GPD  
 Designer : ENIETO  
 Job Number : Project No. 10084891  
 Model Name : 467684-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...
243	N266	7.443041	3.625	3.296898	0	
244	N267	0.859708	3.625	-8.10577	0	
245	N268	2.901375	17.333333	-4.5695	0	
246	N269	5.401375	17.333333	-0.239373	0	
247	N270	7.443041	17.333333	3.296898	0	
248	N271	0.859708	17.333333	-8.10577	0	
249	N272	2.901375	0	-4.5695	0	
250	N273	5.401375	0	-0.239373	0	
251	N274	7.443041	0	3.296898	0	
252	N275	0.859708	0	-8.10577	0	
253	N276	1.629446	3.895833	-6.965923	0	
254	N277	6.840774	3.895833	2.060361	0	
255	N278	1.629446	0.666667	-6.965923	0	
256	N279	6.840774	0.666667	2.060361	0	
257	N280	1.629446	3.895833	-7.153423	0	
258	N281	7.003154	3.895833	2.154111	0	
259	N282	1.629446	0.666667	-7.153423	0	
260	N283	7.003154	0.666667	2.154111	0	
261	N284	1.629446	5.333333	-7.153423	0	
262	N285	7.003154	5.333333	2.154111	0	
263	N286	5.693041	6.625	0.265809	0	
264	N287	2.693041	6.625	-4.930343	0	
265	N288	5.693041	.625	0.265809	0	
266	N289	2.693041	.625	-4.930343	0	
267	N290	2.526375	5.625	-5.219019	0	
268	N291	2.526375	1.625	-5.219019	0	
269	N297	1.629446	-0.666667	-7.153423	0	
270	N298	7.003154	-0.666667	2.154111	0	
271	N299	2.526375	5.375	-5.219019	0	
272	N300	2.526375	1.875	-5.219019	0	
273	N301	2.693041	5.375	-4.930343	0	
274	N302	2.693041	1.875	-4.930343	0	
275	N303	2.693041	4.708333	-4.930343	0	
276	N304	2.693041	2.541667	-4.930343	0	
277	N305	2.901375	4.708333	-4.5695	0	
278	N306	2.901375	2.541667	-4.5695	0	
279	N307	5.693041	4.708333	0.265809	0	
280	N308	5.693041	2.541667	0.265809	0	
281	N309	5.401375	4.708333	-0.239373	0	
282	N310	5.401375	2.541667	-0.239373	0	
283	N311	-0.96505	3.625	-6.965923	0	
284	N312	0.940449	3.625	-6.965923	0	
285	N313	6.496275	3.625	2.657051	0	
286	N314	5.543526	3.625	4.307261	0	
287	N315	-5.568127	3.625	4.307261	0	
288	N316	-6.520876	3.625	2.657051	0	
289	N311A	-0.96505	0.895833	-6.965923	0	
290	N312A	0.940449	0.895833	-6.965923	0	
291	N313A	6.496275	0.895833	2.657051	0	
292	N314A	5.543526	0.895833	4.307261	0	
293	N315A	-5.568127	0.895833	4.307261	0	
294	N316A	-6.520876	0.895833	2.657051	0	
295	N321A	3.760029	0.895833	-2.082267	0	
296	N322A	3.760029	3.625	-2.082267	0	
297	N323A	3.543522	0.895833	-1.957267	0	
298	N324A	3.543522	3.625	-1.957267	0	
299	N325A	3.543522	0	-1.957267	0	



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**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
300	N326A	3.543522	6	-1.957267	0	
301	N355A	-4.992963	3.125	0.010628	0	
302	N356A	-2.492963	3.125	-4.3195	0	
303	N357A	4.968362	3.125	0.010628	0	
304	N358A	2.487699	3.125	4.307261	0	
305	N359A	-2.512301	3.125	4.307261	0	
306	N360A	2.487699	3.125	4.807261	0	
307	N361A	-2.512301	3.125	4.807261	0	
308	N362A	-5.425976	3.125	-0.239373	0	
309	N363	-2.925976	3.125	-4.5695	0	
310	N364	2.468362	3.125	-4.3195	0	
311	N365	2.901375	3.125	-4.5695	0	
312	N366	5.401375	3.125	-0.239373	0	
313	N367	6.873907	-0.583333	1.746879	0	
314	N368	7.048218	-0.583333	-0.24551	0	
315	N369	-7.072819	-0.583333	0.526699	0	
316	N370	-6.898508	-0.583333	-1.465691	0	
317	N379	-0.012301	0	0.140596	0	
318	N372	4.701968	0	-0.450781	0	
319	N373	5.922742	0	1.663663	0	
320	N374	-4.273218	0	-1.236008	0	
321	N375	-5.376596	0	0.675099	0	
322	N376	4.701968	-0.583333	-0.450781	0	
323	N377	5.922742	-0.583333	1.663663	0	
324	N378	-4.273218	-0.583333	-1.236008	0	
325	N379A	-5.376596	-0.583333	0.675099	0	
326	N380	-6.595634	5.125	4.807261	0	
327	N381	6.571033	5.125	4.807261	0	
328	N382	2.487699	5.125	4.807261	0	
329	N383	-2.512301	5.125	4.807261	0	
330	N384	-6.595634	5.125	4.479136	0	
331	N385	6.571033	5.125	4.479136	0	
332	N386	2.487699	5.125	4.479136	0	
333	N387	-2.512301	5.125	4.479136	0	
334	N388	-7.345634	5.125	4.479136	0	
335	N389	7.321033	5.125	4.479136	0	
336	N390	-5.595634	5.125	4.479136	0	
337	N391	5.571033	5.125	4.479136	0	
338	N395	-0.884309	5.125	-8.10577	0	
339	N396	-7.467642	5.125	3.296898	0	
340	N397	-5.425976	5.125	-0.239372	0	
341	N398	-2.925976	5.125	-4.5695	0	
342	N399	-0.600144	5.125	-7.941707	0	
343	N400	-7.183478	5.125	3.46096	0	
344	N401	-5.141811	5.125	-0.07531	0	
345	N402	-2.641811	5.125	-4.405437	0	
346	N403	-0.225144	5.125	-8.591226	0	
347	N404	-7.558478	5.125	4.110479	0	
348	N405	-1.100144	5.125	-7.075682	0	
349	N406	-6.683478	5.125	2.594935	0	
350	N410	7.443041	5.125	3.296898	0	
351	N411	0.859708	5.125	-8.10577	0	
352	N412	2.901375	5.125	-4.5695	0	
353	N413	5.401375	5.125	-0.239372	0	
354	N414	7.158877	5.125	3.46096	0	
355	N415	0.575543	5.125	-7.941707	0	
356	N416	2.61721	5.125	-4.405437	0	



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**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
357	N417	5.11721	5.125	-0.07531	0	
358	N418	7.533877	5.125	4.110479	0	
359	N419	0.200543	5.125	-8.591226	0	
360	N420	6.658877	5.125	2.594935	0	
361	N421	1.075543	5.125	-7.075682	0	
362	N422A	-5.595634	5.125	4.359344	0	
363	N423A	5.571033	5.125	4.359344	0	
364	N430	-0.996419	5.125	-7.015702	0	
365	N431	-6.579752	5.125	2.654915	0	
366	N438	6.555053	5.125	2.654858	0	
367	N439	0.971719	5.125	-7.015759	0	
368	N437	-6.595634	15.833333	4.807261	0	
369	N438A	6.571033	15.833333	4.807261	0	
370	N439A	2.487699	15.833333	4.807261	0	
371	N440A	-2.512301	15.833333	4.807261	0	
372	N441A	-6.595634	15.833333	4.479136	0	
373	N442	6.571033	15.833333	4.479136	0	
374	N443	2.487699	15.833333	4.479136	0	
375	N444	-2.512301	15.833333	4.479136	0	
376	N445	-7.345634	15.833333	4.479136	0	
377	N446	7.321033	15.833333	4.479136	0	
378	N447	-5.595634	15.833333	4.479136	0	
379	N448	5.571033	15.833333	4.479136	0	
380	N451	-0.884309	15.833333	-8.10577	0	
381	N452	-7.467642	15.833333	3.296898	0	
382	N453	-5.425976	15.833333	-0.239372	0	
383	N454	-2.925976	15.833333	-4.5695	0	
384	N455	-0.600144	15.833333	-7.941707	0	
385	N456	-7.183478	15.833333	3.46096	0	
386	N457	-5.141811	15.833333	-0.07531	0	
387	N458	-2.641811	15.833333	-4.405437	0	
388	N459	-0.225144	15.833333	-8.591226	0	
389	N460	-7.558478	15.833333	4.110479	0	
390	N461	-1.100144	15.833333	-7.075682	0	
391	N462	-6.683478	15.833333	2.594935	0	
392	N465	7.443041	15.833333	3.296898	0	
393	N466	0.859708	15.833333	-8.10577	0	
394	N467	2.901375	15.833333	-4.5695	0	
395	N468	5.401375	15.833333	-0.239372	0	
396	N469	7.158877	15.833333	3.46096	0	
397	N470	0.575543	15.833333	-7.941707	0	
398	N471	2.61721	15.833333	-4.405437	0	
399	N472	5.11721	15.833333	-0.07531	0	
400	N473	7.533877	15.833333	4.110479	0	
401	N474	0.200543	15.833333	-8.591226	0	
402	N475	6.658877	15.833333	2.594935	0	
403	N476	1.075543	15.833333	-7.075682	0	
404	N479	-5.595634	15.833333	4.359344	0	
405	N480	5.571033	15.833333	4.359344	0	
406	N483	-0.996419	15.833333	-7.015702	0	
407	N484	-6.579752	15.833333	2.654915	0	
408	N487	6.555053	15.833333	2.654858	0	
409	N488	0.971719	15.833333	-7.015759	0	
410	N491	0.737699	7.125	-3.546906	0	
411	N484A	-4.891828	5.125	-0.508239	0	
412	N491A	4.867129	5.125	-0.508295	0	
413	N483B	0.737699	10.833333	-3.546906	0	



### Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
414	N484B	-4.891828	15.833333	-0.508239	0	
415	N485A	4.867129	15.833333	-0.508295	0	

### Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Desig..A [in2]	Iyy [i...]	Izz [i...]	J [i...]	J [in4]
1	Platform HSS Framing	HSS6X4X5	None	None	A500 Gr.B Rect	Typical	5.26	13.2	24.8	28.4
2	Platform Kicker	L4X4X5	None	None	A36 Gr.36	Typical	2.4	3.67	3.67	.083
3	Platform Face Horizontals	PIPE 3.0	None	None	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
4	Platform Vertical	PIPE 3.0	None	None	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
5	Corner Rail Post	WT8X15.5	None	None	A36 Gr.36	Typical	4.56	6.2	27.5	.23
6	Corner Angle Brace 1	L3.5X3.5X4	None	None	A36 Gr.36	Typical	1.7	2	2	.039
7	Corner Angle Brace 2	L3X3X5	None	None	A36 Gr.36	Typical	1.78	1.5	1.5	.06
8	Corner Angle Brace 3	L2x2x4	None	None	A36 Gr.36	Typical	.944	.346	.346	.021
9	Connection Plate	PL1/2X4	None	None	A36 Gr.36	Typical	2	.042	2.667	.154
10	Mount Pipe (P3.5 STD)	PIPE 3.5	None	None	A53 Gr.B	Typical	2.5	4.52	4.52	9.04
11	Mount Pipe (P2.0 STD)	PIPE 2.0	None	None	A53 Gr.B	Typical	1.02	.627	.627	1.25
12	Mount Pipe Connection HSS	HSS4X4X4	None	None	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
13	Platform Tower Horz	HSS8X4X5	None	None	A500 Gr.B Rect	Typical	6.43	17.2	51	42.6
14	Threaded Rod	SR 0.4084	None	None	A307 Gr. A	Typical	.131	.001	.001	.003
15	Mod Reinforcement Horz	PIPE 2.5	None	None	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
16	Mod Reinf Horz Corner Angle	L3X3X5	None	None	A36 Gr.36	Typical	1.78	1.5	1.5	.06
17	Mod V-Kit Angle	L2.5x2.5x3	None	None	A36 Gr.36	Typical	.901	.535	.535	.011

### Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (1/E5 F)	Density[k/ft^3]	Yield[ksi]	Ry	Fu[ksi]	Rt
1	A992	29000	11154	.3	.65	.49	50	1.1	65	1.1
2	A36 Gr.36	29000	11154	.3	.65	.49	36	1.5	58	1.2
3	A307 Gr. A	29000	11154	.3	.65	.49	36	1.5	60	1.2
4	A572 Gr.50	29000	11154	.3	.65	.49	50	1.1	65	1.1
5	A500 Gr.B RND	29000	11154	.3	.65	.527	42	1.4	58	1.3
6	A500 Gr.B Rect	29000	11154	.3	.65	.527	46	1.4	58	1.3
7	A53 Gr.B	29000	11154	.3	.65	.49	35	1.6	60	1.2
8	A1085	29000	11154	.3	.65	.49	50	1.4	65	1.3

### Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(d...)	Section/Shape	Type	Design List	Material	Design Rul...
1	M1	N1	N2			Platform HSS Framing	None	None	A500 Gr...	Typical
2	M2	N2	N3			Platform HSS Framing	None	None	A500 Gr...	Typical
3	M3	N3	N1			Platform HSS Framing	None	None	A500 Gr...	Typical
4	M4	N4	N5			Platform HSS Framing	None	None	A500 Gr...	Typical
5	M5	N6	N7			Platform HSS Framing	None	None	A500 Gr...	Typical
6	M6	N8	N9			Platform HSS Framing	None	None	A500 Gr...	Typical
7	M7	N14	N15		180	Platform Kicker	None	None	A36 Gr.36	Typical
8	M8	N16	N17		90	Platform Kicker	None	None	A36 Gr.36	Typical
9	M9	N18	N19		90	Platform Kicker	None	None	A36 Gr.36	Typical
10	M10	N20	N21		180	Platform Kicker	None	None	A36 Gr.36	Typical
11	M11	N57	N54			Platform Face Horizontals	None	None	A53 Gr.B	Typical
12	M12	N57	N33			Platform Vertical	None	None	A53 Gr.B	Typical
13	M13	N54	N30			Platform Vertical	None	None	A53 Gr.B	Typical
14	M14	N55	N31			Platform Vertical	None	None	A53 Gr.B	Typical
15	M15	N56	N32			Platform Vertical	None	None	A53 Gr.B	Typical
16	M16	N45	N44			Platform Face Horizontals	None	None	A53 Gr.B	Typical



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**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(d...)	Section/Shape	Type	Design List	Material	Design Rul...
17	M17	N44	N43			Platform Face Horizontals	None	None	A53 Gr.B	Typical
18	M18	N43	N42			Platform Face Horizontals	None	None	A53 Gr.B	Typical
19	M19	N49	N46			Platform Face Horizontals	None	None	A53 Gr.B	Typical
20	M20	N49	N25			Platform Vertical	None	None	A53 Gr.B	Typical
21	M21	N46	N22			Platform Vertical	None	None	A53 Gr.B	Typical
22	M22	N48	N24			Platform Vertical	None	None	A53 Gr.B	Typical
23	M23	N47	N23			Platform Vertical	None	None	A53 Gr.B	Typical
24	M24	N37	N36			Platform Face Horizontals	None	None	A53 Gr.B	Typical
25	M25	N36	N35			Platform Face Horizontals	None	None	A53 Gr.B	Typical
26	M26	N35	N34			Platform Face Horizontals	None	None	A53 Gr.B	Typical
27	M27	N53	N50			Platform Face Horizontals	None	None	A53 Gr.B	Typical
28	M28	N53	N29			Platform Vertical	None	None	A53 Gr.B	Typical
29	M29	N52	N28			Platform Vertical	None	None	A53 Gr.B	Typical
30	M30	N51	N27			Platform Vertical	None	None	A53 Gr.B	Typical
31	M31	N50	N26			Platform Vertical	None	None	A53 Gr.B	Typical
32	M32	N41	N40			Platform Face Horizontals	None	None	A53 Gr.B	Typical
33	M33	N40	N39			Platform Face Horizontals	None	None	A53 Gr.B	Typical
34	M34	N39	N38			Platform Face Horizontals	None	None	A53 Gr.B	Typical
35	M35	N58	N1		90	Corner Rail Post	None	None	A36 Gr.36	Typical
36	M36	N59	N2		210	Corner Rail Post	None	None	A36 Gr.36	Typical
37	M37	N60	N3		330	Corner Rail Post	None	None	A36 Gr.36	Typical
38	M38	N49	N58			RIGID	None	None	RIGID	Typical
39	M39	N50	N58			RIGID	None	None	RIGID	Typical
40	M40	N53	N59			RIGID	None	None	RIGID	Typical
41	M41	N54	N59			RIGID	None	None	RIGID	Typical
42	M42	N46	N60			RIGID	None	None	RIGID	Typical
43	M43	N57	N60			RIGID	None	None	RIGID	Typical
44	M44	N62	N67			RIGID	None	None	RIGID	Typical
45	M45	N63	N67			RIGID	None	None	RIGID	Typical
46	M46	N64	N68			RIGID	None	None	RIGID	Typical
47	M47	N65	N68			RIGID	None	None	RIGID	Typical
48	M48	N61	N69			RIGID	None	None	RIGID	Typical
49	M49	N66	N69			RIGID	None	None	RIGID	Typical
50	M50	N71	N76			RIGID	None	None	RIGID	Typical
51	M51	N72	N76			RIGID	None	None	RIGID	Typical
52	M52	N73	N77			RIGID	None	None	RIGID	Typical
53	M53	N74	N77			RIGID	None	None	RIGID	Typical
54	M54	N70	N78			RIGID	None	None	RIGID	Typical
55	M55	N75	N78			RIGID	None	None	RIGID	Typical
56	M56	N80	N85			RIGID	None	None	RIGID	Typical
57	M57	N81	N85			RIGID	None	None	RIGID	Typical
58	M58	N82	N86			RIGID	None	None	RIGID	Typical
59	M59	N83	N86			RIGID	None	None	RIGID	Typical
60	M60	N79	N87			RIGID	None	None	RIGID	Typical
61	M61	N84	N87			RIGID	None	None	RIGID	Typical
62	M62	N101	N102			Corner Angle Brace 1	None	None	A36 Gr.36	Typical
63	M63	N93A	N95		90	Connection Plate	None	None	A36 Gr.36	Typical
64	M64	N98	N100A		90	Connection Plate	None	None	A36 Gr.36	Typical
65	M65	N95	N100A		180	Corner Angle Brace 2	None	None	A36 Gr.36	Typical
66	M66	N101A	N102A			Corner Angle Brace 1	None	None	A36 Gr.36	Typical
67	M67	N97	N98A		90	Connection Plate	None	None	A36 Gr.36	Typical
68	M68	N99	N100B		90	Connection Plate	None	None	A36 Gr.36	Typical
69	M69	N98A	N100B		180	Corner Angle Brace 2	None	None	A36 Gr.36	Typical
70	M70	N109	N110			Corner Angle Brace 1	None	None	A36 Gr.36	Typical
71	M71	N105	N106		90	Connection Plate	None	None	A36 Gr.36	Typical
72	M72	N107	N108		90	Connection Plate	None	None	A36 Gr.36	Typical
73	M73	N106	N108		180	Corner Angle Brace 2	None	None	A36 Gr.36	Typical



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**Member Primary Data (Continued)**

Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Rul...	
74	M74	N142A	N143A		90	Corner Angle Brace 3	None	None	A36 Gr.36	Typical
75	M75	N146	N147		90	Corner Angle Brace 3	None	None	A36 Gr.36	Typical
76	M76	N150	N151		90	Corner Angle Brace 3	None	None	A36 Gr.36	Typical
77	MP0.5A	N134	N138			Mount Pipe (P3.5 STD)	None	None	A53 Gr.B	Typical
78	MP1A	N158A	N171			Mount Pipe (P2.0 STD)	None	None	A53 Gr.B	Typical
79	MP1.8A	N164	N165			Mount Pipe (P2.0 STD)	None	None	A53 Gr.B	Typical
80	MP1.9A	N161	N163			Mount Pipe (P2.0 STD)	None	None	A53 Gr.B	Typical
81	MP2A	N131	N135			Mount Pipe (P3.5 STD)	None	None	A53 Gr.B	Typical
82	MP4A	N132	N136			Mount Pipe (P3.5 STD)	None	None	A53 Gr.B	Typical
83	MP4.1A	N160	N162			Mount Pipe (P2.0 STD)	None	None	A53 Gr.B	Typical
84	MP5A	N159	N172			Mount Pipe (P2.0 STD)	None	None	A53 Gr.B	Typical
85	MP5.5A	N133	N137			Mount Pipe (P3.5 STD)	None	None	A53 Gr.B	Typical
86	M87	N142	N157A			RIGID	None	None	RIGID	Typical
87	M88	N154	N156			RIGID	None	None	RIGID	Typical
88	M89	N143	N158			RIGID	None	None	RIGID	Typical
89	M90	N155	N157			RIGID	None	None	RIGID	Typical
90	M91	N122	N130			Mount Pipe Connection HSS	None	None	A500 Gr...	Typical
91	M92	N120	N128			Mount Pipe Connection HSS	None	None	A500 Gr...	Typical
92	M94	N43	N123			Mount Pipe Connection HSS	None	None	A500 Gr...	Typical
93	M96	N44	N124			Mount Pipe Connection HSS	None	None	A500 Gr...	Typical
94	M97	N121	N129			Mount Pipe Connection HSS	None	None	A500 Gr...	Typical
95	M98	N113	N127			Mount Pipe Connection HSS	None	None	A500 Gr...	Typical
96	M101	N179	N177			RIGID	None	None	RIGID	Typical
97	M102	N180	N178			RIGID	None	None	RIGID	Typical
98	M103	N175	N173			RIGID	None	None	RIGID	Typical
99	M104	N176	N174			RIGID	None	None	RIGID	Typical
100	M105	N181	N183			RIGID	None	None	RIGID	Typical
101	M106	N182	N184			RIGID	None	None	RIGID	Typical
102	MP0.5B	N208	N212			Mount Pipe (P3.5 STD)	None	None	A53 Gr.B	Typical
103	MP1B	N221	N234			Mount Pipe (P2.0 STD)	None	None	A53 Gr.B	Typical
104	MP1.8B	N227	N228			Mount Pipe (P2.0 STD)	None	None	A53 Gr.B	Typical
105	MP1.9B	N224	N226			Mount Pipe (P2.0 STD)	None	None	A53 Gr.B	Typical
106	MP2B	N205	N209			Mount Pipe (P3.5 STD)	None	None	A53 Gr.B	Typical
107	MP4B	N206	N210			Mount Pipe (P3.5 STD)	None	None	A53 Gr.B	Typical
108	MP4.1B	N223	N225			Mount Pipe (P2.0 STD)	None	None	A53 Gr.B	Typical
109	MP5B	N222	N235			Mount Pipe (P2.0 STD)	None	None	A53 Gr.B	Typical
110	MP5.5B	N207	N211			Mount Pipe (P3.5 STD)	None	None	A53 Gr.B	Typical
111	M117	N213	N217			RIGID	None	None	RIGID	Typical
112	M118	N215	N219			RIGID	None	None	RIGID	Typical
113	M119	N214	N218			RIGID	None	None	RIGID	Typical
114	M120	N216	N220			RIGID	None	None	RIGID	Typical
115	M121	N196	N204			Mount Pipe Connection HSS	None	None	A500 Gr...	Typical
116	M122	N194	N202			Mount Pipe Connection HSS	None	None	A500 Gr...	Typical
117	M124	N35	N197			Mount Pipe Connection HSS	None	None	A500 Gr...	Typical
118	M126	N36	N198			Mount Pipe Connection HSS	None	None	A500 Gr...	Typical
119	M127	N195	N203			Mount Pipe Connection HSS	None	None	A500 Gr...	Typical
120	M128	N189	N201			Mount Pipe Connection HSS	None	None	A500 Gr...	Typical
121	M131	N242	N240			RIGID	None	None	RIGID	Typical
122	M132	N243	N241			RIGID	None	None	RIGID	Typical
123	M133	N238	N236			RIGID	None	None	RIGID	Typical
124	M134	N239	N237			RIGID	None	None	RIGID	Typical
125	M135	N244	N246			RIGID	None	None	RIGID	Typical
126	M136	N245	N247			RIGID	None	None	RIGID	Typical
127	MP0.5C	N271	N275			Mount Pipe (P3.5 STD)	None	None	A53 Gr.B	Typical
128	MP1C	N284	N297			Mount Pipe (P2.0 STD)	None	None	A53 Gr.B	Typical
129	MP1.8C	N290	N291			Mount Pipe (P2.0 STD)	None	None	A53 Gr.B	Typical
130	MP1.9C	N287	N289			Mount Pipe (P2.0 STD)	None	None	A53 Gr.B	Typical



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### Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...)	Section/Shape	Type	Design List	Material	Design Rul...
131	MP2C	N268	N272			Mount Pipe (P3.5 STD)	None	None	A53 Gr.B	Typical
132	MP4C	N269	N273			Mount Pipe (P3.5 STD)	None	None	A53 Gr.B	Typical
133	MP4.1C	N286	N288			Mount Pipe (P2.0 STD)	None	None	A53 Gr.B	Typical
134	MP5C	N285	N298			Mount Pipe (P2.0 STD)	None	None	A53 Gr.B	Typical
135	MP5.5C	N270	N274			Mount Pipe (P3.5 STD)	None	None	A53 Gr.B	Typical
136	M147	N276	N280			RIGID	None	None	RIGID	Typical
137	M148	N278	N282			RIGID	None	None	RIGID	Typical
138	M149	N277	N281			RIGID	None	None	RIGID	Typical
139	M150	N279	N283			RIGID	None	None	RIGID	Typical
140	M151	N259	N267			Mount Pipe Connection HSS	None	None	A500 Gr...	Typical
141	M152	N257	N265			Mount Pipe Connection HSS	None	None	A500 Gr...	Typical
142	M154	N248	N260			Mount Pipe Connection HSS	None	None	A500 Gr...	Typical
143	M156	N40	N261			Mount Pipe Connection HSS	None	None	A500 Gr...	Typical
144	M157	N258	N266			Mount Pipe Connection HSS	None	None	A500 Gr...	Typical
145	M158	N252	N264			Mount Pipe Connection HSS	None	None	A500 Gr...	Typical
146	M161	N305	N303			RIGID	None	None	RIGID	Typical
147	M162	N306	N304			RIGID	None	None	RIGID	Typical
148	M163	N301	N299			RIGID	None	None	RIGID	Typical
149	M164	N302	N300			RIGID	None	None	RIGID	Typical
150	M165	N307	N309			RIGID	None	None	RIGID	Typical
151	M166	N308	N310			RIGID	None	None	RIGID	Typical
152	M167	N111	N315			RIGID	None	None	RIGID	Typical
153	M168	N112	N316		120	RIGID	None	None	RIGID	Typical
154	M169	N95A	N311		120	RIGID	None	None	RIGID	Typical
155	M170	N96	N312		240	RIGID	None	None	RIGID	Typical
156	M171	N104	N314			RIGID	None	None	RIGID	Typical
157	M172	N103	N313		240	RIGID	None	None	RIGID	Typical
158	M173	N313A	N148		240	RIGID	None	None	RIGID	Typical
159	M174	N314A	N149			RIGID	None	None	RIGID	Typical
160	M175	N315A	N152			RIGID	None	None	RIGID	Typical
161	M176	N316A	N153		120	RIGID	None	None	RIGID	Typical
162	M177	N311A	N144		120	RIGID	None	None	RIGID	Typical
163	M178	N312A	N145		240	RIGID	None	None	RIGID	Typical
164	MP3C	N326A	N325A			Mount Pipe (P2.0 STD)	None	None	A53 Gr.B	Typical
165	M190A	N321A	N323A			RIGID	None	None	RIGID	Typical
166	M191A	N322A	N324A			RIGID	None	None	RIGID	Typical
167	M218A	N358A	N360A			Mount Pipe Connection HSS	None	None	A500 Gr...	Typical
168	M219A	N359A	N361A			Mount Pipe Connection HSS	None	None	A500 Gr...	Typical
169	M220A	N355A	N362A			Mount Pipe Connection HSS	None	None	A500 Gr...	Typical
170	M221A	N356A	N363			Mount Pipe Connection HSS	None	None	A500 Gr...	Typical
171	M222A	N364	N365			Mount Pipe Connection HSS	None	None	A500 Gr...	Typical
172	M223	N357A	N366			Mount Pipe Connection HSS	None	None	A500 Gr...	Typical
173	M218B	N370	N368			Platform Tower Horz	None	None	A500 Gr...	Typical
174	M219B	N369	N367			Platform Tower Horz	None	None	A500 Gr...	Typical
175	M220B	N375	N379A			RIGID	None	None	RIGID	Typical
176	M221B	N374	N378			RIGID	None	None	RIGID	Typical
177	M222B	N373	N377			RIGID	None	None	RIGID	Typical
178	M223A	N372	N376			RIGID	None	None	RIGID	Typical
179	M224	N380	N384			RIGID	None	None	RIGID	Typical
180	M225	N383	N387			RIGID	None	None	RIGID	Typical
181	M226	N382	N386			RIGID	None	None	RIGID	Typical
182	M227	N381	N385			RIGID	None	None	RIGID	Typical
183	M228	N388	N389			Mod Reinforcement Horz	None	None	A53 Gr.B	Typical
184	M229	N395	N399			RIGID	None	None	RIGID	Typical
185	M230	N398	N402			RIGID	None	None	RIGID	Typical
186	M231	N397	N401			RIGID	None	None	RIGID	Typical
187	M232	N396	N400			RIGID	None	None	RIGID	Typical



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**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(d...)	Section/Shape	Type	Design List	Material	Design Rul...
188	M233	N403	N404			Mod Reinforcement Horz	None	None	A53 Gr.B	Typical
189	M234	N410	N414			RIGID	None	None	RIGID	Typical
190	M235	N413	N417			RIGID	None	None	RIGID	Typical
191	M236	N412	N416			RIGID	None	None	RIGID	Typical
192	M237	N411	N415			RIGID	None	None	RIGID	Typical
193	M238	N418	N419			Mod Reinforcement Horz	None	None	A53 Gr.B	Typical
194	M239	N390	N422A			RIGID	None	None	RIGID	Typical
195	M242	N391	N423A			RIGID	None	None	RIGID	Typical
196	M243	N405	N430			RIGID	None	None	RIGID	Typical
197	M246	N406	N431			RIGID	None	None	RIGID	Typical
198	M247	N420	N438			RIGID	None	None	RIGID	Typical
199	M250	N421	N439			RIGID	None	None	RIGID	Typical
200	M251	N422A	N431		90	Mod Reinf Horz Corner Angle	None	None	A36 Gr.36	Typical
201	M253	N430	N439		90	Mod Reinf Horz Corner Angle	None	None	A36 Gr.36	Typical
202	M255	N438	N423A		90	Mod Reinf Horz Corner Angle	None	None	A36 Gr.36	Typical
203	M257	N437	N441A			RIGID	None	None	RIGID	Typical
204	M258	N440A	N444			RIGID	None	None	RIGID	Typical
205	M259	N439A	N443			RIGID	None	None	RIGID	Typical
206	M260	N438A	N442			RIGID	None	None	RIGID	Typical
207	M261	N445	N446			Mod Reinforcement Horz	None	None	A53 Gr.B	Typical
208	M262	N451	N455			RIGID	None	None	RIGID	Typical
209	M263	N454	N458			RIGID	None	None	RIGID	Typical
210	M264	N453	N457			RIGID	None	None	RIGID	Typical
211	M265	N452	N456			RIGID	None	None	RIGID	Typical
212	M266	N459	N460			Mod Reinforcement Horz	None	None	A53 Gr.B	Typical
213	M267	N465	N469			RIGID	None	None	RIGID	Typical
214	M268	N468	N472			RIGID	None	None	RIGID	Typical
215	M269	N467	N471			RIGID	None	None	RIGID	Typical
216	M270	N466	N470			RIGID	None	None	RIGID	Typical
217	M271	N473	N474			Mod Reinforcement Horz	None	None	A53 Gr.B	Typical
218	M272	N447	N479			RIGID	None	None	RIGID	Typical
219	M275	N448	N480			RIGID	None	None	RIGID	Typical
220	M276	N461	N483			RIGID	None	None	RIGID	Typical
221	M279	N462	N484			RIGID	None	None	RIGID	Typical
222	M280	N475	N487			RIGID	None	None	RIGID	Typical
223	M283	N476	N488			RIGID	None	None	RIGID	Typical
224	M284	N479	N484		90	Mod Reinf Horz Corner Angle	None	None	A36 Gr.36	Typical
225	M286	N483	N488		90	Mod Reinf Horz Corner Angle	None	None	A36 Gr.36	Typical
226	M288	N487	N480		90	Mod Reinf Horz Corner Angle	None	None	A36 Gr.36	Typical
227	M290	N491	N484A		180	Mod V-Kit Angle	None	None	A36 Gr.36	Typical
228	M291	N491	N491A		90	Mod V-Kit Angle	None	None	A36 Gr.36	Typical
229	M274	N483B	N484B		180	Mod V-Kit Angle	None	None	A36 Gr.36	Typical
230	M275A	N483B	N485A		90	Mod V-Kit Angle	None	None	A36 Gr.36	Typical

**Member Advanced Data**

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical Defl Ratio Opti...	Analysis Offs...	Inactive	Seismi...
1	M1						Yes	** NA **		None
2	M2						Yes	** NA **		None
3	M3						Yes	** NA **		None
4	M4			2	2		Yes	** NA **		None
5	M5			2	2		Yes	** NA **		None
6	M6			2	2		Yes	** NA **		None
7	M7						Yes	** NA **		None
8	M8						Yes	** NA **		None
9	M9						Yes	** NA **		None



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**Member Advanced Data (Continued)**

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical Defl	Ratio Opti...	Analysis Offs...	Inactive	Seismi...
10	M10						Yes	** NA **			None
11	M11						Yes	** NA **			None
12	M12			1.75	1.75		Yes	** NA **			None
13	M13			1.75	1.75		Yes	** NA **			None
14	M14			1.75	1.75		Yes	** NA **			None
15	M15			1.75	1.75		Yes	** NA **			None
16	M16						Yes	** NA **			None
17	M17						Yes	** NA **			None
18	M18						Yes	** NA **			None
19	M19						Yes	** NA **			None
20	M20			1.75	1.75		Yes	** NA **			None
21	M21			1.75	1.75		Yes	** NA **			None
22	M22			1.75	1.75		Yes	** NA **			None
23	M23			1.75	1.75		Yes	** NA **			None
24	M24						Yes	** NA **			None
25	M25						Yes	** NA **			None
26	M26						Yes	** NA **			None
27	M27						Yes	** NA **			None
28	M28			1.75	1.75		Yes	** NA **			None
29	M29			1.75	1.75		Yes	** NA **			None
30	M30			1.75	1.75		Yes	** NA **			None
31	M31			1.75	1.75		Yes	** NA **			None
32	M32						Yes	** NA **			None
33	M33						Yes	** NA **			None
34	M34						Yes	** NA **			None
35	M35						Yes	** NA **			None
36	M36						Yes	** NA **			None
37	M37						Yes	** NA **			None
38	M38						Yes	** NA **			None
39	M39						Yes	** NA **			None
40	M40						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	M55						Yes	** NA **			None
56	M56						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						Yes	** NA **			None
62	M62						Yes	** NA **			None
63	M63						Yes	** NA **			None
64	M64						Yes	** NA **			None
65	M65	O0000X	O0000X				Yes	** NA **			None
66	M66						Yes	** NA **			None



**Member Advanced Data (Continued)**

	Label	I Release	J Release	Offset[in]	J Offset[in]	T/C Only	Physical Defl	Ratio Opti...	Analysis Offs...	Inactive	Seismi...
67	M67						Yes	** NA **			None
68	M68						Yes	** NA **			None
69	M69	00000X	00000X				Yes	** NA **			None
70	M70						Yes	** NA **			None
71	M71						Yes	** NA **			None
72	M72						Yes	** NA **			None
73	M73	00000X	00000X				Yes	** NA **			None
74	M74						Yes	** NA **			None
75	M75						Yes	** NA **			None
76	M76						Yes	** NA **			None
77	MP0.5A						Yes	** NA **			None
78	MP1A						Yes	** NA **			None
79	MP1.8A						Yes	** NA **			None
80	MP1.9A						Yes	** NA **			None
81	MP2A						Yes	** NA **			None
82	MP4A						Yes	** NA **			None
83	MP4.1A						Yes	** NA **			None
84	MP5A						Yes	** NA **			None
85	MP5.5A						Yes	** NA **			None
86	M87		000X00				Yes	** NA **			None
87	M88		000X00				Yes	** NA **			None
88	M89		000X00				Yes	** NA **			None
89	M90		000X00				Yes	** NA **			None
90	M91						Yes	** NA **			None
91	M92						Yes	** NA **			None
92	M94						Yes	** NA **			None
93	M96						Yes	** NA **			None
94	M97						Yes	** NA **			None
95	M98						Yes	** NA **			None
96	M101						Yes	** NA **			None
97	M102						Yes	** NA **			None
98	M103						Yes	** NA **			None
99	M104						Yes	** NA **			None
100	M105						Yes	** NA **			None
101	M106						Yes	** NA **			None
102	MP0.5B						Yes	** NA **			None
103	MP1B						Yes	** NA **			None
104	MP1.8B						Yes	** NA **			None
105	MP1.9B						Yes	** NA **			None
106	MP2B						Yes	** NA **			None
107	MP4B						Yes	** NA **			None
108	MP4.1B						Yes	** NA **			None
109	MP5B						Yes	** NA **			None
110	MP5.5B						Yes	** NA **			None
111	M117		000X00				Yes	** NA **			None
112	M118		000X00				Yes	** NA **			None
113	M119		000X00				Yes	** NA **			None
114	M120		000X00				Yes	** NA **			None
115	M121						Yes	** NA **			None
116	M122						Yes	** NA **			None
117	M124						Yes	** NA **			None
118	M126						Yes	** NA **			None
119	M127						Yes	** NA **			None
120	M128						Yes	** NA **			None
121	M131						Yes	** NA **			None
122	M132						Yes	** NA **			None
123	M133						Yes	** NA **			None



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**Member Advanced Data (Continued)**

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical Defl Ratio	Opti...	Analysis Offs...	Inactive	Seismi...
124	M134						Yes	** NA **			None
125	M135						Yes	** NA **			None
126	M136						Yes	** NA **			None
127	MP0.5C						Yes	** NA **			None
128	MP1C						Yes	** NA **			None
129	MP1.8C						Yes	** NA **			None
130	MP1.9C						Yes	** NA **			None
131	MP2C						Yes	** NA **			None
132	MP4C						Yes	** NA **			None
133	MP4.1C						Yes	** NA **			None
134	MP5C						Yes	** NA **			None
135	MP5.5C						Yes	** NA **			None
136	M147		OOOXOO				Yes	** NA **			None
137	M148		OOOXOO				Yes	** NA **			None
138	M149		OOOXOO				Yes	** NA **			None
139	M150		OOOXOO				Yes	** NA **			None
140	M151						Yes	** NA **			None
141	M152						Yes	** NA **			None
142	M154						Yes	** NA **			None
143	M156						Yes	** NA **			None
144	M157						Yes	** NA **			None
145	M158						Yes	** NA **			None
146	M161						Yes	** NA **			None
147	M162						Yes	** NA **			None
148	M163						Yes	** NA **			None
149	M164						Yes	** NA **			None
150	M165						Yes	** NA **			None
151	M166						Yes	** NA **			None
152	M167						Yes	** NA **			None
153	M168						Yes	** NA **			None
154	M169						Yes	** NA **			None
155	M170						Yes	** NA **			None
156	M171						Yes	** NA **			None
157	M172						Yes	** NA **			None
158	M173						Yes	** NA **			None
159	M174						Yes	** NA **			None
160	M175						Yes	** NA **			None
161	M176						Yes	** NA **			None
162	M177						Yes	** NA **			None
163	M178						Yes	** NA **			None
164	MP3C						Yes	** NA **			None
165	M190A						Yes	** NA **			None
166	M191A						Yes	** NA **			None
167	M218A						Yes	** NA **			None
168	M219A						Yes	** NA **			None
169	M220A						Yes	** NA **			None
170	M221A						Yes	** NA **			None
171	M222A						Yes	** NA **			None
172	M223						Yes	** NA **			None
173	M218B						Yes	** NA **			None
174	M219B						Yes	** NA **			None
175	M220B	AIPIN				Compression ...	Yes	** NA **			None
176	M221B	AIPIN				Compression ...	Yes	** NA **			None
177	M222B	AIPIN				Compression ...	Yes	** NA **			None
178	M223A	AIPIN				Compression ...	Yes	** NA **			None
179	M224						Yes	** NA **			None
180	M225						Yes	** NA **			None





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**Member Advanced Data (Continued)**

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical Defl	Ratio Opti...	Analysis Offs...	Inactive	Seismi...
181	M226						Yes	** NA **			None
182	M227						Yes	** NA **			None
183	M228						Yes	** NA **			None
184	M229						Yes	** NA **			None
185	M230						Yes	** NA **			None
186	M231						Yes	** NA **			None
187	M232						Yes	** NA **			None
188	M233						Yes	** NA **			None
189	M234						Yes	** NA **			None
190	M235						Yes	** NA **			None
191	M236						Yes	** NA **			None
192	M237						Yes	** NA **			None
193	M238						Yes	** NA **			None
194	M239	00000X					Yes	** NA **			None
195	M242	00000X					Yes	** NA **			None
196	M243	00000X					Yes	** NA **			None
197	M246	00000X					Yes	** NA **			None
198	M247	00000X					Yes	** NA **			None
199	M250	00000X					Yes	** NA **			None
200	M251						Yes	** NA **			None
201	M253						Yes	** NA **			None
202	M255						Yes	** NA **			None
203	M257						Yes	** NA **			None
204	M258						Yes	** NA **			None
205	M259						Yes	** NA **			None
206	M260						Yes	** NA **			None
207	M261						Yes	** NA **			None
208	M262						Yes	** NA **			None
209	M263						Yes	** NA **			None
210	M264						Yes	** NA **			None
211	M265						Yes	** NA **			None
212	M266						Yes	** NA **			None
213	M267						Yes	** NA **			None
214	M268						Yes	** NA **			None
215	M269						Yes	** NA **			None
216	M270						Yes	** NA **			None
217	M271						Yes	** NA **			None
218	M272	00000X					Yes	** NA **			None
219	M275	00000X					Yes	** NA **			None
220	M276	00000X					Yes	** NA **			None
221	M279	00000X					Yes	** NA **			None
222	M280	00000X					Yes	** NA **			None
223	M283	00000X					Yes	** NA **			None
224	M284						Yes	** NA **			None
225	M286						Yes	** NA **			None
226	M288						Yes	** NA **			None
227	M290	BenPIN	BenPIN				Yes	** NA **			None
228	M291	BenPIN	BenPIN				Yes	** NA **			None
229	M274	BenPIN	BenPIN				Yes	** NA **			None
230	M275A	BenPIN	BenPIN				Yes	** NA **			None

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	Y	-23	12.93
2	MP2A	My	-.005	12.93



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
3	MP2A	Mz	.023	12.93
4	MP2A	Y	-23	15.74
5	MP2A	My	-.005	15.74
6	MP2A	Mz	.023	15.74
7	MP2B	Y	-23	12.93
8	MP2B	My	-.017	12.93
9	MP2B	Mz	-.015	12.93
10	MP2B	Y	-23	15.74
11	MP2B	My	-.017	15.74
12	MP2B	Mz	-.015	15.74
13	MP2C	Y	-23	12.93
14	MP2C	My	.022	12.93
15	MP2C	Mz	-.007	12.93
16	MP2C	Y	-23	15.74
17	MP2C	My	.022	15.74
18	MP2C	Mz	-.007	15.74
19	MP2A	Y	-23	12.93
20	MP2A	My	-.022	12.93
21	MP2A	Mz	-.007	12.93
22	MP2A	Y	-23	15.74
23	MP2A	My	-.022	15.74
24	MP2A	Mz	-.007	15.74
25	MP2B	Y	-23	12.93
26	MP2B	My	.017	12.93
27	MP2B	Mz	-.015	12.93
28	MP2B	Y	-23	15.74
29	MP2B	My	.017	15.74
30	MP2B	Mz	-.015	15.74
31	MP2C	Y	-23	12.93
32	MP2C	My	.005	12.93
33	MP2C	Mz	.023	12.93
34	MP2C	Y	-23	15.74
35	MP2C	My	.005	15.74
36	MP2C	Mz	.023	15.74
37	MP4A	Y	-43.55	13.37
38	MP4A	My	-.025	13.37
39	MP4A	Mz	.015	13.37
40	MP4A	Y	-43.55	15.3
41	MP4A	My	-.025	15.3
42	MP4A	Mz	.015	15.3
43	MP4B	Y	-43.55	13.37
44	MP4B	My	0	13.37
45	MP4B	Mz	-.029	13.37
46	MP4B	Y	-43.55	15.3
47	MP4B	My	0	15.3
48	MP4B	Mz	-.029	15.3
49	MP4C	Y	-43.55	13.37
50	MP4C	My	.025	13.37
51	MP4C	Mz	.015	13.37
52	MP4C	Y	-43.55	15.3
53	MP4C	My	.025	15.3
54	MP4C	Mz	.015	15.3
55	MP2A	Y	-84.4	11.13
56	MP2A	My	.07	11.13
57	MP2A	Mz	0	11.13
58	MP2B	Y	-84.4	11.13
59	MP2B	My	-.035	11.13



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
60	MP2B	Mz	.061	11.13
61	MP2C	Y	-84.4	11.13
62	MP2C	My	-.035	11.13
63	MP2C	Mz	-.061	11.13
64	MP2A	Y	-70.3	9.13
65	MP2A	My	.059	9.13
66	MP2A	Mz	0	9.13
67	MP2B	Y	-70.3	9.13
68	MP2B	My	-.029	9.13
69	MP2B	Mz	.051	9.13
70	MP2C	Y	-70.3	9.13
71	MP2C	My	-.029	9.13
72	MP2C	Mz	-.051	9.13
73	MP1A	Y	-10.5	.53
74	MP1A	My	-.006	.53
75	MP1A	Mz	.004	.53
76	MP1A	Y	-10.5	5.53
77	MP1A	My	-.006	5.53
78	MP1A	Mz	.004	5.53
79	MP1B	Y	-10.5	.53
80	MP1B	My	0	.53
81	MP1B	Mz	-.007	.53
82	MP1B	Y	-10.5	5.53
83	MP1B	My	0	5.53
84	MP1B	Mz	-.007	5.53
85	MP5A	Y	-10.5	.53
86	MP5A	My	-.006	.53
87	MP5A	Mz	.004	.53
88	MP5A	Y	-10.5	5.53
89	MP5A	My	-.006	5.53
90	MP5A	Mz	.004	5.53
91	MP5B	Y	-10.5	.53
92	MP5B	My	0	.53
93	MP5B	Mz	-.007	.53
94	MP5B	Y	-10.5	5.53
95	MP5B	My	0	5.53
96	MP5B	Mz	-.007	5.53
97	MP1C	Y	-10.5	.58
98	MP1C	My	.006	.58
99	MP1C	Mz	.004	.58
100	MP1C	Y	-10.5	5.49
101	MP1C	My	.006	5.49
102	MP1C	Mz	.004	5.49
103	MP5C	Y	-10.5	.58
104	MP5C	My	.006	.58
105	MP5C	Mz	.004	.58
106	MP5C	Y	-10.5	5.49
107	MP5C	My	.006	5.49
108	MP5C	Mz	.004	5.49
109	MP0.5A	Y	-10	.92
110	MP0.5A	My	-.007	.92
111	MP0.5A	Mz	0	.92
112	MP0.5A	Y	-10	3.75
113	MP0.5A	My	-.007	3.75
114	MP0.5A	Mz	0	3.75
115	MP0.5A	Y	-17.5	6
116	MP0.5A	My	.006	6

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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
117	MP0.5A	Mz	0	6
118	MP0.5A	Y	-17.5	6
119	MP0.5A	My	-.006	6
120	MP0.5A	Mz	0	6
121	MP0.5B	Y	-10	.92
122	MP0.5B	My	.003	.92
123	MP0.5B	Mz	-.006	.92
124	MP0.5B	Y	-10	3.75
125	MP0.5B	My	.003	3.75
126	MP0.5B	Mz	-.006	3.75
127	MP0.5B	Y	-17.5	6
128	MP0.5B	My	-.003	6
129	MP0.5B	Mz	.005	6
130	MP0.5B	Y	-17.5	6
131	MP0.5B	My	.003	6
132	MP0.5B	Mz	-.005	6
133	MP0.5C	Y	-10	.92
134	MP0.5C	My	.003	.92
135	MP0.5C	Mz	.006	.92
136	MP0.5C	Y	-10	3.75
137	MP0.5C	My	.003	3.75
138	MP0.5C	Mz	.006	3.75
139	MP0.5C	Y	-17.5	6
140	MP0.5C	My	-.003	6
141	MP0.5C	Mz	-.005	6
142	MP0.5C	Y	-17.5	6
143	MP0.5C	My	.003	6
144	MP0.5C	Mz	.005	6
145	MP2A	Y	-23.45	.32
146	MP2A	My	-.016	.32
147	MP2A	Mz	0	.32
148	MP2A	Y	-23.45	4.35
149	MP2A	My	-.016	4.35
150	MP2A	Mz	0	4.35
151	MP2B	Y	-23.45	.32
152	MP2B	My	.008	.32
153	MP2B	Mz	-.014	.32
154	MP2B	Y	-23.45	4.35
155	MP2B	My	.008	4.35
156	MP2B	Mz	-.014	4.35
157	MP2C	Y	-23.45	.32
158	MP2C	My	.008	.32
159	MP2C	Mz	.014	.32
160	MP2C	Y	-23.45	4.35
161	MP2C	My	.008	4.35
162	MP2C	Mz	.014	4.35
163	MP2A	Y	-77	6
164	MP2A	My	.058	6
165	MP2A	Mz	0	6
166	MP2B	Y	-77	6
167	MP2B	My	-.029	6
168	MP2B	Mz	.05	6
169	MP2C	Y	-77	6
170	MP2C	My	-.029	6
171	MP2C	Mz	-.05	6
172	MP5.5A	Y	-55.5	.33
173	MP5.5A	My	-.037	.33



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
174	MP5.5A	Mz	0	.33
175	MP5.5A	Y	-55.5	4.33
176	MP5.5A	My	-.037	4.33
177	MP5.5A	Mz	0	4.33
178	MP5.5A	Y	-77	7.5
179	MP5.5A	My	.058	7.5
180	MP5.5A	Mz	0	7.5
181	MP5.5A	Y	-50	10.64
182	MP5.5A	My	.037	10.64
183	MP5.5A	Mz	0	10.64
184	MP5.5B	Y	-55.5	.33
185	MP5.5B	My	.018	.33
186	MP5.5B	Mz	-.032	.33
187	MP5.5B	Y	-55.5	4.33
188	MP5.5B	My	.018	4.33
189	MP5.5B	Mz	-.032	4.33
190	MP5.5B	Y	-77	7.5
191	MP5.5B	My	-.029	7.5
192	MP5.5B	Mz	.05	7.5
193	MP5.5B	Y	-50	10.64
194	MP5.5B	My	-.019	10.64
195	MP5.5B	Mz	.032	10.64
196	MP5.5C	Y	-55.5	.33
197	MP5.5C	My	.018	.33
198	MP5.5C	Mz	.032	.33
199	MP5.5C	Y	-55.5	4.33
200	MP5.5C	My	.018	4.33
201	MP5.5C	Mz	.032	4.33
202	MP5.5C	Y	-77	7.5
203	MP5.5C	My	-.029	7.5
204	MP5.5C	Mz	-.05	7.5
205	MP5.5C	Y	-50	10.64
206	MP5.5C	My	-.019	10.64
207	MP5.5C	Mz	-.032	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	Y	-78.537	12.93
2	MP2A	My	-.016	12.93
3	MP2A	Mz	.077	12.93
4	MP2A	Y	-78.537	15.74
5	MP2A	My	-.016	15.74
6	MP2A	Mz	.077	15.74
7	MP2B	Y	-78.537	12.93
8	MP2B	My	-.059	12.93
9	MP2B	Mz	-.052	12.93
10	MP2B	Y	-78.537	15.74
11	MP2B	My	-.059	15.74
12	MP2B	Mz	-.052	15.74
13	MP2C	Y	-78.537	12.93
14	MP2C	My	.075	12.93
15	MP2C	Mz	-.025	12.93
16	MP2C	Y	-78.537	15.74
17	MP2C	My	.075	15.74
18	MP2C	Mz	-.025	15.74
19	MP2A	Y	-78.537	12.93



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
20	MP2A	My	-.075	12.93
21	MP2A	Mz	-.025	12.93
22	MP2A	Y	-78.537	15.74
23	MP2A	My	-.075	15.74
24	MP2A	Mz	-.025	15.74
25	MP2B	Y	-78.537	12.93
26	MP2B	My	.059	12.93
27	MP2B	Mz	-.052	12.93
28	MP2B	Y	-78.537	15.74
29	MP2B	My	.059	15.74
30	MP2B	Mz	-.052	15.74
31	MP2C	Y	-78.537	12.93
32	MP2C	My	.016	12.93
33	MP2C	Mz	.077	12.93
34	MP2C	Y	-78.537	15.74
35	MP2C	My	.016	15.74
36	MP2C	Mz	.077	15.74
37	MP4A	Y	-33.87	13.37
38	MP4A	My	-.02	13.37
39	MP4A	Mz	.011	13.37
40	MP4A	Y	-33.87	15.3
41	MP4A	My	-.02	15.3
42	MP4A	Mz	.011	15.3
43	MP4B	Y	-33.87	13.37
44	MP4B	My	0	13.37
45	MP4B	Mz	-.023	13.37
46	MP4B	Y	-33.87	15.3
47	MP4B	My	0	15.3
48	MP4B	Mz	-.023	15.3
49	MP4C	Y	-33.87	13.37
50	MP4C	My	.02	13.37
51	MP4C	Mz	.011	13.37
52	MP4C	Y	-33.87	15.3
53	MP4C	My	.02	15.3
54	MP4C	Mz	.011	15.3
55	MP2A	Y	-42.672	11.13
56	MP2A	My	.036	11.13
57	MP2A	Mz	0	11.13
58	MP2B	Y	-42.672	11.13
59	MP2B	My	-.018	11.13
60	MP2B	Mz	.031	11.13
61	MP2C	Y	-42.672	11.13
62	MP2C	My	-.018	11.13
63	MP2C	Mz	-.031	11.13
64	MP2A	Y	-38.361	9.13
65	MP2A	My	.032	9.13
66	MP2A	Mz	0	9.13
67	MP2B	Y	-38.361	9.13
68	MP2B	My	-.016	9.13
69	MP2B	Mz	.028	9.13
70	MP2C	Y	-38.361	9.13
71	MP2C	My	-.016	9.13
72	MP2C	Mz	-.028	9.13
73	MP1A	Y	-56.35	.53
74	MP1A	My	-.033	.53
75	MP1A	Mz	.019	.53
76	MP1A	Y	-56.35	5.53



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
77	MP1A	My	-.033	5.53
78	MP1A	Mz	.019	5.53
79	MP1B	Y	-56.35	.53
80	MP1B	My	0	.53
81	MP1B	Mz	-.038	.53
82	MP1B	Y	-56.35	5.53
83	MP1B	My	0	5.53
84	MP1B	Mz	-.038	5.53
85	MP5A	Y	-56.35	.53
86	MP5A	My	-.033	.53
87	MP5A	Mz	.019	.53
88	MP5A	Y	-56.35	5.53
89	MP5A	My	-.033	5.53
90	MP5A	Mz	.019	5.53
91	MP5B	Y	-56.35	.53
92	MP5B	My	0	.53
93	MP5B	Mz	-.038	.53
94	MP5B	Y	-56.35	5.53
95	MP5B	My	0	5.53
96	MP5B	Mz	-.038	5.53
97	MP1C	Y	-55.631	.58
98	MP1C	My	.032	.58
99	MP1C	Mz	.019	.58
100	MP1C	Y	-55.631	5.49
101	MP1C	My	.032	5.49
102	MP1C	Mz	.019	5.49
103	MP5C	Y	-55.631	.58
104	MP5C	My	.032	.58
105	MP5C	Mz	.019	.58
106	MP5C	Y	-55.631	5.49
107	MP5C	My	.032	5.49
108	MP5C	Mz	.019	5.49
109	MP0.5A	Y	-25.822	.92
110	MP0.5A	My	-.017	.92
111	MP0.5A	Mz	0	.92
112	MP0.5A	Y	-25.822	3.75
113	MP0.5A	My	-.017	3.75
114	MP0.5A	Mz	0	3.75
115	MP0.5A	Y	-14.404	6
116	MP0.5A	My	.005	6
117	MP0.5A	Mz	0	6
118	MP0.5A	Y	-14.404	6
119	MP0.5A	My	-.005	6
120	MP0.5A	Mz	0	6
121	MP0.5B	Y	-25.822	.92
122	MP0.5B	My	.009	.92
123	MP0.5B	Mz	-.015	.92
124	MP0.5B	Y	-25.822	3.75
125	MP0.5B	My	.009	3.75
126	MP0.5B	Mz	-.015	3.75
127	MP0.5B	Y	-14.404	6
128	MP0.5B	My	-.002	6
129	MP0.5B	Mz	.004	6
130	MP0.5B	Y	-14.404	6
131	MP0.5B	My	.002	6
132	MP0.5B	Mz	-.004	6
133	MP0.5C	Y	-25.822	.92



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
134	MP0.5C	My	.009	.92
135	MP0.5C	Mz	.015	.92
136	MP0.5C	Y	-25.822	3.75
137	MP0.5C	My	.009	3.75
138	MP0.5C	Mz	.015	3.75
139	MP0.5C	Y	-14.404	6
140	MP0.5C	My	-.002	6
141	MP0.5C	Mz	-.004	6
142	MP0.5C	Y	-14.404	6
143	MP0.5C	My	.002	6
144	MP0.5C	Mz	.004	6
145	MP2A	Y	-66.679	.32
146	MP2A	My	-.044	.32
147	MP2A	Mz	0	.32
148	MP2A	Y	-66.679	4.35
149	MP2A	My	-.044	4.35
150	MP2A	Mz	0	4.35
151	MP2B	Y	-66.679	.32
152	MP2B	My	.022	.32
153	MP2B	Mz	-.038	.32
154	MP2B	Y	-66.679	4.35
155	MP2B	My	.022	4.35
156	MP2B	Mz	-.038	4.35
157	MP2C	Y	-66.679	.32
158	MP2C	My	.022	.32
159	MP2C	Mz	.038	.32
160	MP2C	Y	-66.679	4.35
161	MP2C	My	.022	4.35
162	MP2C	Mz	.038	4.35
163	MP2A	Y	-26.114	6
164	MP2A	My	.02	6
165	MP2A	Mz	0	6
166	MP2B	Y	-26.114	6
167	MP2B	My	-.01	6
168	MP2B	Mz	.017	6
169	MP2C	Y	-26.114	6
170	MP2C	My	-.01	6
171	MP2C	Mz	-.017	6
172	MP5.5A	Y	-66.522	.33
173	MP5.5A	My	-.044	.33
174	MP5.5A	Mz	0	.33
175	MP5.5A	Y	-66.522	4.33
176	MP5.5A	My	-.044	4.33
177	MP5.5A	Mz	0	4.33
178	MP5.5A	Y	-26.114	7.5
179	MP5.5A	My	.02	7.5
180	MP5.5A	Mz	0	7.5
181	MP5.5A	Y	-46.165	10.64
182	MP5.5A	My	.035	10.64
183	MP5.5A	Mz	0	10.64
184	MP5.5B	Y	-66.522	.33
185	MP5.5B	My	.022	.33
186	MP5.5B	Mz	-.038	.33
187	MP5.5B	Y	-66.522	4.33
188	MP5.5B	My	.022	4.33
189	MP5.5B	Mz	-.038	4.33
190	MP5.5B	Y	-26.114	7.5





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
191	MP5.5B	My	-.01	7.5
192	MP5.5B	Mz	.017	7.5
193	MP5.5B	Y	-46.165	10.64
194	MP5.5B	My	-.017	10.64
195	MP5.5B	Mz	.03	10.64
196	MP5.5C	Y	-66.522	.33
197	MP5.5C	My	.022	.33
198	MP5.5C	Mz	.038	.33
199	MP5.5C	Y	-66.522	4.33
200	MP5.5C	My	.022	4.33
201	MP5.5C	Mz	.038	4.33
202	MP5.5C	Y	-26.114	7.5
203	MP5.5C	My	-.01	7.5
204	MP5.5C	Mz	-.017	7.5
205	MP5.5C	Y	-46.165	10.64
206	MP5.5C	My	-.017	10.64
207	MP5.5C	Mz	-.03	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	0	12.93
2	MP2A	Z	-175.834	12.93
3	MP2A	Mx	-.173	12.93
4	MP2A	X	0	15.74
5	MP2A	Z	-175.834	15.74
6	MP2A	Mx	-.173	15.74
7	MP2B	X	0	12.93
8	MP2B	Z	-139.685	12.93
9	MP2B	Mx	.093	12.93
10	MP2B	X	0	15.74
11	MP2B	Z	-139.685	15.74
12	MP2B	Mx	.093	15.74
13	MP2C	X	0	12.93
14	MP2C	Z	-175.834	12.93
15	MP2C	Mx	.056	12.93
16	MP2C	X	0	15.74
17	MP2C	Z	-175.834	15.74
18	MP2C	Mx	.056	15.74
19	MP2A	X	0	12.93
20	MP2A	Z	-175.834	12.93
21	MP2A	Mx	.056	12.93
22	MP2A	X	0	15.74
23	MP2A	Z	-175.834	15.74
24	MP2A	Mx	.056	15.74
25	MP2B	X	0	12.93
26	MP2B	Z	-139.685	12.93
27	MP2B	Mx	.093	12.93
28	MP2B	X	0	15.74
29	MP2B	Z	-139.685	15.74
30	MP2B	Mx	.093	15.74
31	MP2C	X	0	12.93
32	MP2C	Z	-175.834	12.93
33	MP2C	Mx	-.173	12.93
34	MP2C	X	0	15.74
35	MP2C	Z	-175.834	15.74
36	MP2C	Mx	-.173	15.74



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
37	MP4A	X	0	13.37
38	MP4A	Z	-75.858	13.37
39	MP4A	Mx	-.025	13.37
40	MP4A	X	0	15.3
41	MP4A	Z	-75.858	15.3
42	MP4A	Mx	-.025	15.3
43	MP4B	X	0	13.37
44	MP4B	Z	-35.027	13.37
45	MP4B	Mx	.023	13.37
46	MP4B	X	0	15.3
47	MP4B	Z	-35.027	15.3
48	MP4B	Mx	.023	15.3
49	MP4C	X	0	13.37
50	MP4C	Z	-75.858	13.37
51	MP4C	Mx	-.025	13.37
52	MP4C	X	0	15.3
53	MP4C	Z	-75.858	15.3
54	MP4C	Mx	-.025	15.3
55	MP2A	X	0	11.13
56	MP2A	Z	-71.194	11.13
57	MP2A	Mx	0	11.13
58	MP2B	X	0	11.13
59	MP2B	Z	-53.491	11.13
60	MP2B	Mx	-.039	11.13
61	MP2C	X	0	11.13
62	MP2C	Z	-53.491	11.13
63	MP2C	Mx	.039	11.13
64	MP2A	X	0	9.13
65	MP2A	Z	-71.194	9.13
66	MP2A	Mx	0	9.13
67	MP2B	X	0	9.13
68	MP2B	Z	-46.709	9.13
69	MP2B	Mx	-.034	9.13
70	MP2C	X	0	9.13
71	MP2C	Z	-46.709	9.13
72	MP2C	Mx	.034	9.13
73	MP1A	X	0	.53
74	MP1A	Z	-129.96	.53
75	MP1A	Mx	-.043	.53
76	MP1A	X	0	5.53
77	MP1A	Z	-129.96	5.53
78	MP1A	Mx	-.043	5.53
79	MP1B	X	0	.53
80	MP1B	Z	-117.229	.53
81	MP1B	Mx	.078	.53
82	MP1B	X	0	5.53
83	MP1B	Z	-117.229	5.53
84	MP1B	Mx	.078	5.53
85	MP5A	X	0	.53
86	MP5A	Z	-129.96	.53
87	MP5A	Mx	-.043	.53
88	MP5A	X	0	5.53
89	MP5A	Z	-129.96	5.53
90	MP5A	Mx	-.043	5.53
91	MP5B	X	0	.53
92	MP5B	Z	-117.229	.53
93	MP5B	Mx	.078	.53

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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
94	MP5B	X	0	5.53
95	MP5B	Z	-117.229	5.53
96	MP5B	Mx	.078	5.53
97	MP1C	X	0	.58
98	MP1C	Z	-102.881	.58
99	MP1C	Mx	-.034	.58
100	MP1C	X	0	5.49
101	MP1C	Z	-102.881	5.49
102	MP1C	Mx	-.034	5.49
103	MP5C	X	0	.58
104	MP5C	Z	-102.881	.58
105	MP5C	Mx	-.034	.58
106	MP5C	X	0	5.49
107	MP5C	Z	-102.881	5.49
108	MP5C	Mx	-.034	5.49
109	MP0.5A	X	0	.92
110	MP0.5A	Z	-69.616	.92
111	MP0.5A	Mx	0	.92
112	MP0.5A	X	0	3.75
113	MP0.5A	Z	-69.616	3.75
114	MP0.5A	Mx	0	3.75
115	MP0.5A	X	0	6
116	MP0.5A	Z	0	6
117	MP0.5A	Mx	0	6
118	MP0.5A	X	0	6
119	MP0.5A	Z	0	6
120	MP0.5A	Mx	0	6
121	MP0.5B	X	0	.92
122	MP0.5B	Z	-51.3	.92
123	MP0.5B	Mx	.03	.92
124	MP0.5B	X	0	3.75
125	MP0.5B	Z	-51.3	3.75
126	MP0.5B	Mx	.03	3.75
127	MP0.5B	X	0	6
128	MP0.5B	Z	-10.159	6
129	MP0.5B	Mx	-.003	6
130	MP0.5B	X	0	6
131	MP0.5B	Z	-10.159	6
132	MP0.5B	Mx	.003	6
133	MP0.5C	X	0	.92
134	MP0.5C	Z	-51.3	.92
135	MP0.5C	Mx	-.03	.92
136	MP0.5C	X	0	3.75
137	MP0.5C	Z	-51.3	3.75
138	MP0.5C	Mx	-.03	3.75
139	MP0.5C	X	0	6
140	MP0.5C	Z	-10.159	6
141	MP0.5C	Mx	.003	6
142	MP0.5C	X	0	6
143	MP0.5C	Z	-10.159	6
144	MP0.5C	Mx	-.003	6
145	MP2A	X	0	.32
146	MP2A	Z	-185.578	.32
147	MP2A	Mx	0	.32
148	MP2A	X	0	4.35
149	MP2A	Z	-185.578	4.35
150	MP2A	Mx	0	4.35



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]	
151	MP2B	X	0	.32
152	MP2B	Z	-126.856	.32
153	MP2B	Mx	.073	.32
154	MP2B	X	0	4.35
155	MP2B	Z	-126.856	4.35
156	MP2B	Mx	.073	4.35
157	MP2C	X	0	.32
158	MP2C	Z	-126.856	.32
159	MP2C	Mx	-.073	.32
160	MP2C	X	0	4.35
161	MP2C	Z	-126.856	4.35
162	MP2C	Mx	-.073	4.35
163	MP2A	X	0	6
164	MP2A	Z	-64.532	6
165	MP2A	Mx	0	6
166	MP2B	X	0	6
167	MP2B	Z	-35.386	6
168	MP2B	Mx	-.023	6
169	MP2C	X	0	6
170	MP2C	Z	-35.386	6
171	MP2C	Mx	.023	6
172	MP5.5A	X	0	.33
173	MP5.5A	Z	-158.983	.33
174	MP5.5A	Mx	0	.33
175	MP5.5A	X	0	4.33
176	MP5.5A	Z	-158.983	4.33
177	MP5.5A	Mx	0	4.33
178	MP5.5A	X	0	7.5
179	MP5.5A	Z	-64.532	7.5
180	MP5.5A	Mx	0	7.5
181	MP5.5A	X	0	10.64
182	MP5.5A	Z	-100.514	10.64
183	MP5.5A	Mx	0	10.64
184	MP5.5B	X	0	.33
185	MP5.5B	Z	-139.477	.33
186	MP5.5B	Mx	.081	.33
187	MP5.5B	X	0	4.33
188	MP5.5B	Z	-139.477	4.33
189	MP5.5B	Mx	.081	4.33
190	MP5.5B	X	0	7.5
191	MP5.5B	Z	-35.386	7.5
192	MP5.5B	Mx	-.023	7.5
193	MP5.5B	X	0	10.64
194	MP5.5B	Z	-100.401	10.64
195	MP5.5B	Mx	-.065	10.64
196	MP5.5C	X	0	.33
197	MP5.5C	Z	-139.477	.33
198	MP5.5C	Mx	-.081	.33
199	MP5.5C	X	0	4.33
200	MP5.5C	Z	-139.477	4.33
201	MP5.5C	Mx	-.081	4.33
202	MP5.5C	X	0	7.5
203	MP5.5C	Z	-35.386	7.5
204	MP5.5C	Mx	.023	7.5
205	MP5.5C	X	0	10.64
206	MP5.5C	Z	-100.401	10.64
207	MP5.5C	Mx	.065	10.64



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	75.867	12.93
2	MP2A	Z	-131.406	12.93
3	MP2A	Mx	-.145	12.93
4	MP2A	X	75.867	15.74
5	MP2A	Z	-131.406	15.74
6	MP2A	Mx	-.145	15.74
7	MP2B	X	75.867	12.93
8	MP2B	Z	-131.406	12.93
9	MP2B	Mx	.031	12.93
10	MP2B	X	75.867	15.74
11	MP2B	Z	-131.406	15.74
12	MP2B	Mx	.031	15.74
13	MP2C	X	93.942	12.93
14	MP2C	Z	-162.713	12.93
15	MP2C	Mx	.141	12.93
16	MP2C	X	93.942	15.74
17	MP2C	Z	-162.713	15.74
18	MP2C	Mx	.141	15.74
19	MP2A	X	75.867	12.93
20	MP2A	Z	-131.406	12.93
21	MP2A	Mx	-.031	12.93
22	MP2A	X	75.867	15.74
23	MP2A	Z	-131.406	15.74
24	MP2A	Mx	-.031	15.74
25	MP2B	X	75.867	12.93
26	MP2B	Z	-131.406	12.93
27	MP2B	Mx	.145	12.93
28	MP2B	X	75.867	15.74
29	MP2B	Z	-131.406	15.74
30	MP2B	Mx	.145	15.74
31	MP2C	X	93.942	12.93
32	MP2C	Z	-162.713	12.93
33	MP2C	Mx	-.141	12.93
34	MP2C	X	93.942	15.74
35	MP2C	Z	-162.713	15.74
36	MP2C	Mx	-.141	15.74
37	MP4A	X	24.319	13.37
38	MP4A	Z	-42.121	13.37
39	MP4A	Mx	-.028	13.37
40	MP4A	X	24.319	15.3
41	MP4A	Z	-42.121	15.3
42	MP4A	Mx	-.028	15.3
43	MP4B	X	24.319	13.37
44	MP4B	Z	-42.121	13.37
45	MP4B	Mx	.028	13.37
46	MP4B	X	24.319	15.3
47	MP4B	Z	-42.121	15.3
48	MP4B	Mx	.028	15.3
49	MP4C	X	44.734	13.37
50	MP4C	Z	-77.482	13.37
51	MP4C	Mx	0	13.37
52	MP4C	X	44.734	15.3
53	MP4C	Z	-77.482	15.3
54	MP4C	Mx	0	15.3
55	MP2A	X	32.647	11.13
56	MP2A	Z	-56.546	11.13
57	MP2A	Mx	.027	11.13



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP2B	X	23.795	11.13
59	MP2B	Z	-41.214	11.13
60	MP2B	Mx	-.04	11.13
61	MP2C	X	32.647	11.13
62	MP2C	Z	-56.546	11.13
63	MP2C	Mx	.027	11.13
64	MP2A	X	31.516	9.13
65	MP2A	Z	-54.588	9.13
66	MP2A	Mx	.026	9.13
67	MP2B	X	19.274	9.13
68	MP2B	Z	-33.383	9.13
69	MP2B	Mx	-.032	9.13
70	MP2C	X	31.516	9.13
71	MP2C	Z	-54.588	9.13
72	MP2C	Mx	.026	9.13
73	MP1A	X	60.736	.53
74	MP1A	Z	-105.199	.53
75	MP1A	Mx	-.07	.53
76	MP1A	X	60.736	5.53
77	MP1A	Z	-105.199	5.53
78	MP1A	Mx	-.07	5.53
79	MP1B	X	60.736	.53
80	MP1B	Z	-105.199	.53
81	MP1B	Mx	.07	.53
82	MP1B	X	60.736	5.53
83	MP1B	Z	-105.199	5.53
84	MP1B	Mx	.07	5.53
85	MP5A	X	60.736	.53
86	MP5A	Z	-105.199	.53
87	MP5A	Mx	-.07	.53
88	MP5A	X	60.736	5.53
89	MP5A	Z	-105.199	5.53
90	MP5A	Mx	-.07	5.53
91	MP5B	X	60.736	.53
92	MP5B	Z	-105.199	.53
93	MP5B	Mx	.07	.53
94	MP5B	X	60.736	5.53
95	MP5B	Z	-105.199	5.53
96	MP5B	Mx	.07	5.53
97	MP1C	X	41.213	.58
98	MP1C	Z	-71.383	.58
99	MP1C	Mx	0	.58
100	MP1C	X	41.213	5.49
101	MP1C	Z	-71.383	5.49
102	MP1C	Mx	0	5.49
103	MP5C	X	41.213	.58
104	MP5C	Z	-71.383	.58
105	MP5C	Mx	0	.58
106	MP5C	X	41.213	5.49
107	MP5C	Z	-71.383	5.49
108	MP5C	Mx	0	5.49
109	MP0.5A	X	31.755	.92
110	MP0.5A	Z	-55.002	.92
111	MP0.5A	Mx	-.021	.92
112	MP0.5A	X	31.755	3.75
113	MP0.5A	Z	-55.002	3.75
114	MP0.5A	Mx	-.021	3.75



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
115	MP0.5A	X	1.693	6
116	MP0.5A	Z	-2.933	6
117	MP0.5A	Mx	.000564	6
118	MP0.5A	X	1.693	6
119	MP0.5A	Z	-2.933	6
120	MP0.5A	Mx	-.000564	6
121	MP0.5B	X	22.597	.92
122	MP0.5B	Z	-39.139	.92
123	MP0.5B	Mx	.03	.92
124	MP0.5B	X	22.597	3.75
125	MP0.5B	Z	-39.139	3.75
126	MP0.5B	Mx	.03	3.75
127	MP0.5B	X	6.772	6
128	MP0.5B	Z	-11.73	6
129	MP0.5B	Mx	-.005	6
130	MP0.5B	X	6.772	6
131	MP0.5B	Z	-11.73	6
132	MP0.5B	Mx	.005	6
133	MP0.5C	X	31.755	.92
134	MP0.5C	Z	-55.002	.92
135	MP0.5C	Mx	-.021	.92
136	MP0.5C	X	31.755	3.75
137	MP0.5C	Z	-55.002	3.75
138	MP0.5C	Mx	-.021	3.75
139	MP0.5C	X	1.693	6
140	MP0.5C	Z	-2.933	6
141	MP0.5C	Mx	.000565	6
142	MP0.5C	X	1.693	6
143	MP0.5C	Z	-2.933	6
144	MP0.5C	Mx	-.000565	6
145	MP2A	X	83.002	.32
146	MP2A	Z	-143.764	.32
147	MP2A	Mx	-.055	.32
148	MP2A	X	83.002	4.35
149	MP2A	Z	-143.764	4.35
150	MP2A	Mx	-.055	4.35
151	MP2B	X	53.641	.32
152	MP2B	Z	-92.909	.32
153	MP2B	Mx	.072	.32
154	MP2B	X	53.641	4.35
155	MP2B	Z	-92.909	4.35
156	MP2B	Mx	.072	4.35
157	MP2C	X	83.002	.32
158	MP2C	Z	-143.764	.32
159	MP2C	Mx	-.055	.32
160	MP2C	X	83.002	4.35
161	MP2C	Z	-143.764	4.35
162	MP2C	Mx	-.055	4.35
163	MP2A	X	27.408	6
164	MP2A	Z	-47.473	6
165	MP2A	Mx	.021	6
166	MP2B	X	12.835	6
167	MP2B	Z	-22.231	6
168	MP2B	Mx	-.019	6
169	MP2C	X	27.408	6
170	MP2C	Z	-47.473	6
171	MP2C	Mx	.021	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
172	MP5.5A	X	76.241	.33
173	MP5.5A	Z	-132.053	.33
174	MP5.5A	Mx	-.051	.33
175	MP5.5A	X	76.241	4.33
176	MP5.5A	Z	-132.053	4.33
177	MP5.5A	Mx	-.051	4.33
178	MP5.5A	X	27.408	7.5
179	MP5.5A	Z	-47.473	7.5
180	MP5.5A	Mx	.021	7.5
181	MP5.5A	X	50.238	10.64
182	MP5.5A	Z	-87.015	10.64
183	MP5.5A	Mx	.038	10.64
184	MP5.5B	X	66.488	.33
185	MP5.5B	Z	-115.16	.33
186	MP5.5B	Mx	.089	.33
187	MP5.5B	X	66.488	4.33
188	MP5.5B	Z	-115.16	4.33
189	MP5.5B	Mx	.089	4.33
190	MP5.5B	X	12.835	7.5
191	MP5.5B	Z	-22.231	7.5
192	MP5.5B	Mx	-.019	7.5
193	MP5.5B	X	50.182	10.64
194	MP5.5B	Z	-86.917	10.64
195	MP5.5B	Mx	-.075	10.64
196	MP5.5C	X	76.241	.33
197	MP5.5C	Z	-132.053	.33
198	MP5.5C	Mx	-.051	.33
199	MP5.5C	X	76.241	4.33
200	MP5.5C	Z	-132.053	4.33
201	MP5.5C	Mx	-.051	4.33
202	MP5.5C	X	27.408	7.5
203	MP5.5C	Z	-47.473	7.5
204	MP5.5C	Mx	.021	7.5
205	MP5.5C	X	50.238	10.64
206	MP5.5C	Z	-87.015	10.64
207	MP5.5C	Mx	.038	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	120.97	12.93
2	MP2A	Z	-69.842	12.93
3	MP2A	Mx	-.093	12.93
4	MP2A	X	120.97	15.74
5	MP2A	Z	-69.842	15.74
6	MP2A	Mx	-.093	15.74
7	MP2B	X	152.277	12.93
8	MP2B	Z	-87.917	12.93
9	MP2B	Mx	-.056	12.93
10	MP2B	X	152.277	15.74
11	MP2B	Z	-87.917	15.74
12	MP2B	Mx	-.056	15.74
13	MP2C	X	152.277	12.93
14	MP2C	Z	-87.917	12.93
15	MP2C	Mx	.173	12.93
16	MP2C	X	152.277	15.74
17	MP2C	Z	-87.917	15.74





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
18	MP2C	Mx	.173	15.74
19	MP2A	X	120.97	12.93
20	MP2A	Z	-69.842	12.93
21	MP2A	Mx	-.093	12.93
22	MP2A	X	120.97	15.74
23	MP2A	Z	-69.842	15.74
24	MP2A	Mx	-.093	15.74
25	MP2B	X	152.277	12.93
26	MP2B	Z	-87.917	12.93
27	MP2B	Mx	.173	12.93
28	MP2B	X	152.277	15.74
29	MP2B	Z	-87.917	15.74
30	MP2B	Mx	.173	15.74
31	MP2C	X	152.277	12.93
32	MP2C	Z	-87.917	12.93
33	MP2C	Mx	-.056	12.93
34	MP2C	X	152.277	15.74
35	MP2C	Z	-87.917	15.74
36	MP2C	Mx	-.056	15.74
37	MP4A	X	30.334	13.37
38	MP4A	Z	-17.513	13.37
39	MP4A	Mx	-.023	13.37
40	MP4A	X	30.334	15.3
41	MP4A	Z	-17.513	15.3
42	MP4A	Mx	-.023	15.3
43	MP4B	X	65.695	13.37
44	MP4B	Z	-37.929	13.37
45	MP4B	Mx	.025	13.37
46	MP4B	X	65.695	15.3
47	MP4B	Z	-37.929	15.3
48	MP4B	Mx	.025	15.3
49	MP4C	X	65.695	13.37
50	MP4C	Z	-37.929	13.37
51	MP4C	Mx	.025	13.37
52	MP4C	X	65.695	15.3
53	MP4C	Z	-37.929	15.3
54	MP4C	Mx	.025	15.3
55	MP2A	X	46.324	11.13
56	MP2A	Z	-26.745	11.13
57	MP2A	Mx	.039	11.13
58	MP2B	X	46.324	11.13
59	MP2B	Z	-26.745	11.13
60	MP2B	Mx	-.039	11.13
61	MP2C	X	61.656	11.13
62	MP2C	Z	-35.597	11.13
63	MP2C	Mx	0	11.13
64	MP2A	X	40.451	9.13
65	MP2A	Z	-23.355	9.13
66	MP2A	Mx	.034	9.13
67	MP2B	X	40.451	9.13
68	MP2B	Z	-23.355	9.13
69	MP2B	Mx	-.034	9.13
70	MP2C	X	61.656	9.13
71	MP2C	Z	-35.597	9.13
72	MP2C	Mx	0	9.13
73	MP1A	X	101.524	.53
74	MP1A	Z	-58.615	.53



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
75	MP1A	Mx	-.078	.53
76	MP1A	X	101.524	5.53
77	MP1A	Z	-58.615	5.53
78	MP1A	Mx	-.078	5.53
79	MP1B	X	112.548	.53
80	MP1B	Z	-64.98	.53
81	MP1B	Mx	.043	.53
82	MP1B	X	112.548	5.53
83	MP1B	Z	-64.98	5.53
84	MP1B	Mx	.043	5.53
85	MP5A	X	101.524	.53
86	MP5A	Z	-58.615	.53
87	MP5A	Mx	-.078	.53
88	MP5A	X	101.524	5.53
89	MP5A	Z	-58.615	5.53
90	MP5A	Mx	-.078	5.53
91	MP5B	X	112.548	.53
92	MP5B	Z	-64.98	.53
93	MP5B	Mx	.043	.53
94	MP5B	X	112.548	5.53
95	MP5B	Z	-64.98	5.53
96	MP5B	Mx	.043	5.53
97	MP1C	X	89.098	.58
98	MP1C	Z	-51.441	.58
99	MP1C	Mx	.034	.58
100	MP1C	X	89.098	5.49
101	MP1C	Z	-51.441	5.49
102	MP1C	Mx	.034	5.49
103	MP5C	X	89.098	.58
104	MP5C	Z	-51.441	.58
105	MP5C	Mx	.034	.58
106	MP5C	X	89.098	5.49
107	MP5C	Z	-51.441	5.49
108	MP5C	Mx	.034	5.49
109	MP0.5A	X	44.427	.92
110	MP0.5A	Z	-25.65	.92
111	MP0.5A	Mx	-.03	.92
112	MP0.5A	X	44.427	3.75
113	MP0.5A	Z	-25.65	3.75
114	MP0.5A	Mx	-.03	3.75
115	MP0.5A	X	8.798	6
116	MP0.5A	Z	-5.079	6
117	MP0.5A	Mx	.003	6
118	MP0.5A	X	8.798	6
119	MP0.5A	Z	-5.079	6
120	MP0.5A	Mx	-.003	6
121	MP0.5B	X	44.427	.92
122	MP0.5B	Z	-25.65	.92
123	MP0.5B	Mx	.03	.92
124	MP0.5B	X	44.427	3.75
125	MP0.5B	Z	-25.65	3.75
126	MP0.5B	Mx	.03	3.75
127	MP0.5B	X	8.798	6
128	MP0.5B	Z	-5.079	6
129	MP0.5B	Mx	-.003	6
130	MP0.5B	X	8.798	6
131	MP0.5B	Z	-5.079	6



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
132	MP0.5B	Mx	.003	6
133	MP0.5C	X	60.29	.92
134	MP0.5C	Z	-34.808	.92
135	MP0.5C	Mx	0	.92
136	MP0.5C	X	60.29	3.75
137	MP0.5C	Z	-34.808	3.75
138	MP0.5C	Mx	0	3.75
139	MP0.5C	X	0	6
140	MP0.5C	Z	0	6
141	MP0.5C	Mx	0	6
142	MP0.5C	X	0	6
143	MP0.5C	Z	0	6
144	MP0.5C	Mx	0	6
145	MP2A	X	109.86	.32
146	MP2A	Z	-63.428	.32
147	MP2A	Mx	-.073	.32
148	MP2A	X	109.86	4.35
149	MP2A	Z	-63.428	4.35
150	MP2A	Mx	-.073	4.35
151	MP2B	X	109.86	.32
152	MP2B	Z	-63.428	.32
153	MP2B	Mx	.073	.32
154	MP2B	X	109.86	4.35
155	MP2B	Z	-63.428	4.35
156	MP2B	Mx	.073	4.35
157	MP2C	X	160.716	.32
158	MP2C	Z	-92.789	.32
159	MP2C	Mx	0	.32
160	MP2C	X	160.716	4.35
161	MP2C	Z	-92.789	4.35
162	MP2C	Mx	0	4.35
163	MP2A	X	30.645	6
164	MP2A	Z	-17.693	6
165	MP2A	Mx	.023	6
166	MP2B	X	30.645	6
167	MP2B	Z	-17.693	6
168	MP2B	Mx	-.023	6
169	MP2C	X	55.886	6
170	MP2C	Z	-32.266	6
171	MP2C	Mx	0	6
172	MP5.5A	X	120.791	.33
173	MP5.5A	Z	-69.739	.33
174	MP5.5A	Mx	-.081	.33
175	MP5.5A	X	120.791	4.33
176	MP5.5A	Z	-69.739	4.33
177	MP5.5A	Mx	-.081	4.33
178	MP5.5A	X	30.645	7.5
179	MP5.5A	Z	-17.693	7.5
180	MP5.5A	Mx	.023	7.5
181	MP5.5A	X	86.95	10.64
182	MP5.5A	Z	-50.201	10.64
183	MP5.5A	Mx	.065	10.64
184	MP5.5B	X	120.791	.33
185	MP5.5B	Z	-69.739	.33
186	MP5.5B	Mx	.081	.33
187	MP5.5B	X	120.791	4.33
188	MP5.5B	Z	-69.739	4.33



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
189	MP5.5B	Mx	.081	4.33
190	MP5.5B	X	30.645	7.5
191	MP5.5B	Z	-17.693	7.5
192	MP5.5B	Mx	-.023	7.5
193	MP5.5B	X	86.95	10.64
194	MP5.5B	Z	-50.201	10.64
195	MP5.5B	Mx	-.065	10.64
196	MP5.5C	X	137.684	.33
197	MP5.5C	Z	-79.492	.33
198	MP5.5C	Mx	0	.33
199	MP5.5C	X	137.684	4.33
200	MP5.5C	Z	-79.492	4.33
201	MP5.5C	Mx	0	4.33
202	MP5.5C	X	55.886	7.5
203	MP5.5C	Z	-32.266	7.5
204	MP5.5C	Mx	0	7.5
205	MP5.5C	X	87.047	10.64
206	MP5.5C	Z	-50.257	10.64
207	MP5.5C	Mx	0	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	151.735	12.93
2	MP2A	Z	0	12.93
3	MP2A	Mx	-.031	12.93
4	MP2A	X	151.735	15.74
5	MP2A	Z	0	15.74
6	MP2A	Mx	-.031	15.74
7	MP2B	X	187.884	12.93
8	MP2B	Z	0	12.93
9	MP2B	Mx	-.141	12.93
10	MP2B	X	187.884	15.74
11	MP2B	Z	0	15.74
12	MP2B	Mx	-.141	15.74
13	MP2C	X	151.735	12.93
14	MP2C	Z	0	12.93
15	MP2C	Mx	.145	12.93
16	MP2C	X	151.735	15.74
17	MP2C	Z	0	15.74
18	MP2C	Mx	.145	15.74
19	MP2A	X	151.735	12.93
20	MP2A	Z	0	12.93
21	MP2A	Mx	-.145	12.93
22	MP2A	X	151.735	15.74
23	MP2A	Z	0	15.74
24	MP2A	Mx	-.145	15.74
25	MP2B	X	187.884	12.93
26	MP2B	Z	0	12.93
27	MP2B	Mx	.141	12.93
28	MP2B	X	187.884	15.74
29	MP2B	Z	0	15.74
30	MP2B	Mx	.141	15.74
31	MP2C	X	151.735	12.93
32	MP2C	Z	0	12.93
33	MP2C	Mx	.031	12.93
34	MP2C	X	151.735	15.74



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
35	MP2C	Z	0	15.74
36	MP2C	Mx	.031	15.74
37	MP4A	X	48.637	13.37
38	MP4A	Z	0	13.37
39	MP4A	Mx	-.028	13.37
40	MP4A	X	48.637	15.3
41	MP4A	Z	0	15.3
42	MP4A	Mx	-.028	15.3
43	MP4B	X	89.469	13.37
44	MP4B	Z	0	13.37
45	MP4B	Mx	0	13.37
46	MP4B	X	89.469	15.3
47	MP4B	Z	0	15.3
48	MP4B	Mx	0	15.3
49	MP4C	X	48.637	13.37
50	MP4C	Z	0	13.37
51	MP4C	Mx	.028	13.37
52	MP4C	X	48.637	15.3
53	MP4C	Z	0	15.3
54	MP4C	Mx	.028	15.3
55	MP2A	X	47.59	11.13
56	MP2A	Z	0	11.13
57	MP2A	Mx	.04	11.13
58	MP2B	X	65.293	11.13
59	MP2B	Z	0	11.13
60	MP2B	Mx	-.027	11.13
61	MP2C	X	65.293	11.13
62	MP2C	Z	0	11.13
63	MP2C	Mx	-.027	11.13
64	MP2A	X	38.548	9.13
65	MP2A	Z	0	9.13
66	MP2A	Mx	.032	9.13
67	MP2B	X	63.033	9.13
68	MP2B	Z	0	9.13
69	MP2B	Mx	-.026	9.13
70	MP2C	X	63.033	9.13
71	MP2C	Z	0	9.13
72	MP2C	Mx	-.026	9.13
73	MP1A	X	121.473	.53
74	MP1A	Z	0	.53
75	MP1A	Mx	-.07	.53
76	MP1A	X	121.473	5.53
77	MP1A	Z	0	5.53
78	MP1A	Mx	-.07	5.53
79	MP1B	X	134.203	.53
80	MP1B	Z	0	.53
81	MP1B	Mx	0	.53
82	MP1B	X	134.203	5.53
83	MP1B	Z	0	5.53
84	MP1B	Mx	0	5.53
85	MP5A	X	121.473	.53
86	MP5A	Z	0	.53
87	MP5A	Mx	-.07	.53
88	MP5A	X	121.473	5.53
89	MP5A	Z	0	5.53
90	MP5A	Mx	-.07	5.53
91	MP5B	X	134.203	.53



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
92	MP5B	Z	0	.53
93	MP5B	Mx	0	.53
94	MP5B	X	134.203	5.53
95	MP5B	Z	0	5.53
96	MP5B	Mx	0	5.53
97	MP1C	X	143.793	.58
98	MP1C	Z	0	.58
99	MP1C	Mx	.083	.58
100	MP1C	X	143.793	5.49
101	MP1C	Z	0	5.49
102	MP1C	Mx	.083	5.49
103	MP5C	X	143.793	.58
104	MP5C	Z	0	.58
105	MP5C	Mx	.083	.58
106	MP5C	X	143.793	5.49
107	MP5C	Z	0	5.49
108	MP5C	Mx	.083	5.49
109	MP0.5A	X	45.194	.92
110	MP0.5A	Z	0	.92
111	MP0.5A	Mx	-.03	.92
112	MP0.5A	X	45.194	3.75
113	MP0.5A	Z	0	3.75
114	MP0.5A	Mx	-.03	3.75
115	MP0.5A	X	13.545	6
116	MP0.5A	Z	0	6
117	MP0.5A	Mx	.005	6
118	MP0.5A	X	13.545	6
119	MP0.5A	Z	0	6
120	MP0.5A	Mx	-.005	6
121	MP0.5B	X	63.511	.92
122	MP0.5B	Z	0	.92
123	MP0.5B	Mx	.021	.92
124	MP0.5B	X	63.511	3.75
125	MP0.5B	Z	0	3.75
126	MP0.5B	Mx	.021	3.75
127	MP0.5B	X	3.386	6
128	MP0.5B	Z	0	6
129	MP0.5B	Mx	-.000564	6
130	MP0.5B	X	3.386	6
131	MP0.5B	Z	0	6
132	MP0.5B	Mx	.000564	6
133	MP0.5C	X	63.511	.92
134	MP0.5C	Z	0	.92
135	MP0.5C	Mx	.021	.92
136	MP0.5C	X	63.511	3.75
137	MP0.5C	Z	0	3.75
138	MP0.5C	Mx	.021	3.75
139	MP0.5C	X	3.386	6
140	MP0.5C	Z	0	6
141	MP0.5C	Mx	-.000564	6
142	MP0.5C	X	3.386	6
143	MP0.5C	Z	0	6
144	MP0.5C	Mx	.000564	6
145	MP2A	X	107.282	.32
146	MP2A	Z	0	.32
147	MP2A	Mx	-.072	.32
148	MP2A	X	107.282	4.35



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]	
149	MP2A	Z	0	4.35
150	MP2A	Mx	-.072	4.35
151	MP2B	X	166.004	.32
152	MP2B	Z	0	.32
153	MP2B	Mx	.055	.32
154	MP2B	X	166.004	4.35
155	MP2B	Z	0	4.35
156	MP2B	Mx	.055	4.35
157	MP2C	X	166.004	.32
158	MP2C	Z	0	.32
159	MP2C	Mx	.055	.32
160	MP2C	X	166.004	4.35
161	MP2C	Z	0	4.35
162	MP2C	Mx	.055	4.35
163	MP2A	X	25.67	6
164	MP2A	Z	0	6
165	MP2A	Mx	.019	6
166	MP2B	X	54.817	6
167	MP2B	Z	0	6
168	MP2B	Mx	-.021	6
169	MP2C	X	54.817	6
170	MP2C	Z	0	6
171	MP2C	Mx	-.021	6
172	MP5.5A	X	132.975	.33
173	MP5.5A	Z	0	.33
174	MP5.5A	Mx	-.089	.33
175	MP5.5A	X	132.975	4.33
176	MP5.5A	Z	0	4.33
177	MP5.5A	Mx	-.089	4.33
178	MP5.5A	X	25.67	7.5
179	MP5.5A	Z	0	7.5
180	MP5.5A	Mx	.019	7.5
181	MP5.5A	X	100.364	10.64
182	MP5.5A	Z	0	10.64
183	MP5.5A	Mx	.075	10.64
184	MP5.5B	X	152.481	.33
185	MP5.5B	Z	0	.33
186	MP5.5B	Mx	.051	.33
187	MP5.5B	X	152.481	4.33
188	MP5.5B	Z	0	4.33
189	MP5.5B	Mx	.051	4.33
190	MP5.5B	X	54.817	7.5
191	MP5.5B	Z	0	7.5
192	MP5.5B	Mx	-.021	7.5
193	MP5.5B	X	100.476	10.64
194	MP5.5B	Z	0	10.64
195	MP5.5B	Mx	-.038	10.64
196	MP5.5C	X	152.481	.33
197	MP5.5C	Z	0	.33
198	MP5.5C	Mx	.051	.33
199	MP5.5C	X	152.481	4.33
200	MP5.5C	Z	0	4.33
201	MP5.5C	Mx	.051	4.33
202	MP5.5C	X	54.817	7.5
203	MP5.5C	Z	0	7.5
204	MP5.5C	Mx	-.021	7.5
205	MP5.5C	X	100.476	10.64



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
206	MP5.5C	Z	0	10.64
207	MP5.5C	Mx	-.038	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	152.277	12.93
2	MP2A	Z	87.917	12.93
3	MP2A	Mx	.056	12.93
4	MP2A	X	152.277	15.74
5	MP2A	Z	87.917	15.74
6	MP2A	Mx	.056	15.74
7	MP2B	X	152.277	12.93
8	MP2B	Z	87.917	12.93
9	MP2B	Mx	-.173	12.93
10	MP2B	X	152.277	15.74
11	MP2B	Z	87.917	15.74
12	MP2B	Mx	-.173	15.74
13	MP2C	X	120.97	12.93
14	MP2C	Z	69.842	12.93
15	MP2C	Mx	.093	12.93
16	MP2C	X	120.97	15.74
17	MP2C	Z	69.842	15.74
18	MP2C	Mx	.093	15.74
19	MP2A	X	152.277	12.93
20	MP2A	Z	87.917	12.93
21	MP2A	Mx	-.173	12.93
22	MP2A	X	152.277	15.74
23	MP2A	Z	87.917	15.74
24	MP2A	Mx	-.173	15.74
25	MP2B	X	152.277	12.93
26	MP2B	Z	87.917	12.93
27	MP2B	Mx	.056	12.93
28	MP2B	X	152.277	15.74
29	MP2B	Z	87.917	15.74
30	MP2B	Mx	.056	15.74
31	MP2C	X	120.97	12.93
32	MP2C	Z	69.842	12.93
33	MP2C	Mx	.093	12.93
34	MP2C	X	120.97	15.74
35	MP2C	Z	69.842	15.74
36	MP2C	Mx	.093	15.74
37	MP4A	X	65.695	13.37
38	MP4A	Z	37.929	13.37
39	MP4A	Mx	-.025	13.37
40	MP4A	X	65.695	15.3
41	MP4A	Z	37.929	15.3
42	MP4A	Mx	-.025	15.3
43	MP4B	X	65.695	13.37
44	MP4B	Z	37.929	13.37
45	MP4B	Mx	-.025	13.37
46	MP4B	X	65.695	15.3
47	MP4B	Z	37.929	15.3
48	MP4B	Mx	-.025	15.3
49	MP4C	X	30.334	13.37
50	MP4C	Z	17.513	13.37
51	MP4C	Mx	.023	13.37





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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
52	MP4C	X	30.334	15.3
53	MP4C	Z	17.513	15.3
54	MP4C	Mx	.023	15.3
55	MP2A	X	46.324	11.13
56	MP2A	Z	26.745	11.13
57	MP2A	Mx	.039	11.13
58	MP2B	X	61.656	11.13
59	MP2B	Z	35.597	11.13
60	MP2B	Mx	0	11.13
61	MP2C	X	46.324	11.13
62	MP2C	Z	26.745	11.13
63	MP2C	Mx	-.039	11.13
64	MP2A	X	40.451	9.13
65	MP2A	Z	23.355	9.13
66	MP2A	Mx	.034	9.13
67	MP2B	X	61.656	9.13
68	MP2B	Z	35.597	9.13
69	MP2B	Mx	0	9.13
70	MP2C	X	40.451	9.13
71	MP2C	Z	23.355	9.13
72	MP2C	Mx	-.034	9.13
73	MP1A	X	112.548	.53
74	MP1A	Z	64.98	.53
75	MP1A	Mx	-.043	.53
76	MP1A	X	112.548	5.53
77	MP1A	Z	64.98	5.53
78	MP1A	Mx	-.043	5.53
79	MP1B	X	112.548	.53
80	MP1B	Z	64.98	.53
81	MP1B	Mx	-.043	.53
82	MP1B	X	112.548	5.53
83	MP1B	Z	64.98	5.53
84	MP1B	Mx	-.043	5.53
85	MP5A	X	112.548	.53
86	MP5A	Z	64.98	.53
87	MP5A	Mx	-.043	.53
88	MP5A	X	112.548	5.53
89	MP5A	Z	64.98	5.53
90	MP5A	Mx	-.043	5.53
91	MP5B	X	112.548	.53
92	MP5B	Z	64.98	.53
93	MP5B	Mx	-.043	.53
94	MP5B	X	112.548	5.53
95	MP5B	Z	64.98	5.53
96	MP5B	Mx	-.043	5.53
97	MP1C	X	142.243	.58
98	MP1C	Z	82.124	.58
99	MP1C	Mx	.109	.58
100	MP1C	X	142.243	5.49
101	MP1C	Z	82.124	5.49
102	MP1C	Mx	.109	5.49
103	MP5C	X	142.243	.58
104	MP5C	Z	82.124	.58
105	MP5C	Mx	.109	.58
106	MP5C	X	142.243	5.49
107	MP5C	Z	82.124	5.49
108	MP5C	Mx	.109	5.49



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
109	MP0.5A	X	44.427	.92
110	MP0.5A	Z	25.65	.92
111	MP0.5A	Mx	-.03	.92
112	MP0.5A	X	44.427	3.75
113	MP0.5A	Z	25.65	3.75
114	MP0.5A	Mx	-.03	3.75
115	MP0.5A	X	8.798	6
116	MP0.5A	Z	5.079	6
117	MP0.5A	Mx	.003	6
118	MP0.5A	X	8.798	6
119	MP0.5A	Z	5.079	6
120	MP0.5A	Mx	-.003	6
121	MP0.5B	X	60.29	.92
122	MP0.5B	Z	34.808	.92
123	MP0.5B	Mx	0	.92
124	MP0.5B	X	60.29	3.75
125	MP0.5B	Z	34.808	3.75
126	MP0.5B	Mx	0	3.75
127	MP0.5B	X	0	6
128	MP0.5B	Z	0	6
129	MP0.5B	Mx	0	6
130	MP0.5B	X	0	6
131	MP0.5B	Z	0	6
132	MP0.5B	Mx	0	6
133	MP0.5C	X	44.427	.92
134	MP0.5C	Z	25.65	.92
135	MP0.5C	Mx	.03	.92
136	MP0.5C	X	44.427	3.75
137	MP0.5C	Z	25.65	3.75
138	MP0.5C	Mx	.03	3.75
139	MP0.5C	X	8.798	6
140	MP0.5C	Z	5.079	6
141	MP0.5C	Mx	-.003	6
142	MP0.5C	X	8.798	6
143	MP0.5C	Z	5.079	6
144	MP0.5C	Mx	.003	6
145	MP2A	X	109.86	.32
146	MP2A	Z	63.428	.32
147	MP2A	Mx	-.073	.32
148	MP2A	X	109.86	4.35
149	MP2A	Z	63.428	4.35
150	MP2A	Mx	-.073	4.35
151	MP2B	X	160.716	.32
152	MP2B	Z	92.789	.32
153	MP2B	Mx	0	.32
154	MP2B	X	160.716	4.35
155	MP2B	Z	92.789	4.35
156	MP2B	Mx	0	4.35
157	MP2C	X	109.86	.32
158	MP2C	Z	63.428	.32
159	MP2C	Mx	.073	.32
160	MP2C	X	109.86	4.35
161	MP2C	Z	63.428	4.35
162	MP2C	Mx	.073	4.35
163	MP2A	X	30.645	6
164	MP2A	Z	17.693	6
165	MP2A	Mx	.023	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
166	MP2B	X	55.886	6
167	MP2B	Z	32.266	6
168	MP2B	Mx	0	6
169	MP2C	X	30.645	6
170	MP2C	Z	17.693	6
171	MP2C	Mx	-.023	6
172	MP5.5A	X	120.791	.33
173	MP5.5A	Z	69.739	.33
174	MP5.5A	Mx	-.081	.33
175	MP5.5A	X	120.791	4.33
176	MP5.5A	Z	69.739	4.33
177	MP5.5A	Mx	-.081	4.33
178	MP5.5A	X	30.645	7.5
179	MP5.5A	Z	17.693	7.5
180	MP5.5A	Mx	.023	7.5
181	MP5.5A	X	86.95	10.64
182	MP5.5A	Z	50.201	10.64
183	MP5.5A	Mx	.065	10.64
184	MP5.5B	X	137.684	.33
185	MP5.5B	Z	79.492	.33
186	MP5.5B	Mx	0	.33
187	MP5.5B	X	137.684	4.33
188	MP5.5B	Z	79.492	4.33
189	MP5.5B	Mx	0	4.33
190	MP5.5B	X	55.886	7.5
191	MP5.5B	Z	32.266	7.5
192	MP5.5B	Mx	0	7.5
193	MP5.5B	X	87.047	10.64
194	MP5.5B	Z	50.257	10.64
195	MP5.5B	Mx	0	10.64
196	MP5.5C	X	120.791	.33
197	MP5.5C	Z	69.739	.33
198	MP5.5C	Mx	.081	.33
199	MP5.5C	X	120.791	4.33
200	MP5.5C	Z	69.739	4.33
201	MP5.5C	Mx	.081	4.33
202	MP5.5C	X	30.645	7.5
203	MP5.5C	Z	17.693	7.5
204	MP5.5C	Mx	-.023	7.5
205	MP5.5C	X	86.95	10.64
206	MP5.5C	Z	50.201	10.64
207	MP5.5C	Mx	-.065	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	93.942	12.93
2	MP2A	Z	162.713	12.93
3	MP2A	Mx	.141	12.93
4	MP2A	X	93.942	15.74
5	MP2A	Z	162.713	15.74
6	MP2A	Mx	.141	15.74
7	MP2B	X	75.867	12.93
8	MP2B	Z	131.406	12.93
9	MP2B	Mx	-.145	12.93
10	MP2B	X	75.867	15.74
11	MP2B	Z	131.406	15.74



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
12	MP2B	Mx	-.145	15.74
13	MP2C	X	75.867	12.93
14	MP2C	Z	131.406	12.93
15	MP2C	Mx	.031	12.93
16	MP2C	X	75.867	15.74
17	MP2C	Z	131.406	15.74
18	MP2C	Mx	.031	15.74
19	MP2A	X	93.942	12.93
20	MP2A	Z	162.713	12.93
21	MP2A	Mx	-.141	12.93
22	MP2A	X	93.942	15.74
23	MP2A	Z	162.713	15.74
24	MP2A	Mx	-.141	15.74
25	MP2B	X	75.867	12.93
26	MP2B	Z	131.406	12.93
27	MP2B	Mx	-.031	12.93
28	MP2B	X	75.867	15.74
29	MP2B	Z	131.406	15.74
30	MP2B	Mx	-.031	15.74
31	MP2C	X	75.867	12.93
32	MP2C	Z	131.406	12.93
33	MP2C	Mx	.145	12.93
34	MP2C	X	75.867	15.74
35	MP2C	Z	131.406	15.74
36	MP2C	Mx	.145	15.74
37	MP4A	X	44.734	13.37
38	MP4A	Z	77.482	13.37
39	MP4A	Mx	0	13.37
40	MP4A	X	44.734	15.3
41	MP4A	Z	77.482	15.3
42	MP4A	Mx	0	15.3
43	MP4B	X	24.319	13.37
44	MP4B	Z	42.121	13.37
45	MP4B	Mx	-.028	13.37
46	MP4B	X	24.319	15.3
47	MP4B	Z	42.121	15.3
48	MP4B	Mx	-.028	15.3
49	MP4C	X	24.319	13.37
50	MP4C	Z	42.121	13.37
51	MP4C	Mx	.028	13.37
52	MP4C	X	24.319	15.3
53	MP4C	Z	42.121	15.3
54	MP4C	Mx	.028	15.3
55	MP2A	X	32.647	11.13
56	MP2A	Z	56.546	11.13
57	MP2A	Mx	.027	11.13
58	MP2B	X	32.647	11.13
59	MP2B	Z	56.546	11.13
60	MP2B	Mx	.027	11.13
61	MP2C	X	23.795	11.13
62	MP2C	Z	41.214	11.13
63	MP2C	Mx	-.04	11.13
64	MP2A	X	31.516	9.13
65	MP2A	Z	54.588	9.13
66	MP2A	Mx	.026	9.13
67	MP2B	X	31.516	9.13
68	MP2B	Z	54.588	9.13



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]	
69	MP2B	Mx	.026	9.13
70	MP2C	X	19.274	9.13
71	MP2C	Z	33.383	9.13
72	MP2C	Mx	-.032	9.13
73	MP1A	X	67.102	.53
74	MP1A	Z	116.223	.53
75	MP1A	Mx	0	.53
76	MP1A	X	67.102	5.53
77	MP1A	Z	116.223	5.53
78	MP1A	Mx	0	5.53
79	MP1B	X	60.736	.53
80	MP1B	Z	105.199	.53
81	MP1B	Mx	-.07	.53
82	MP1B	X	60.736	5.53
83	MP1B	Z	105.199	5.53
84	MP1B	Mx	-.07	5.53
85	MP5A	X	67.102	.53
86	MP5A	Z	116.223	.53
87	MP5A	Mx	0	.53
88	MP5A	X	67.102	5.53
89	MP5A	Z	116.223	5.53
90	MP5A	Mx	0	5.53
91	MP5B	X	60.736	.53
92	MP5B	Z	105.199	.53
93	MP5B	Mx	-.07	.53
94	MP5B	X	60.736	5.53
95	MP5B	Z	105.199	5.53
96	MP5B	Mx	-.07	5.53
97	MP1C	X	71.896	.58
98	MP1C	Z	124.528	.58
99	MP1C	Mx	.083	.58
100	MP1C	X	71.896	5.49
101	MP1C	Z	124.528	5.49
102	MP1C	Mx	.083	5.49
103	MP5C	X	71.896	.58
104	MP5C	Z	124.528	.58
105	MP5C	Mx	.083	.58
106	MP5C	X	71.896	5.49
107	MP5C	Z	124.528	5.49
108	MP5C	Mx	.083	5.49
109	MP0.5A	X	31.755	.92
110	MP0.5A	Z	55.002	.92
111	MP0.5A	Mx	-.021	.92
112	MP0.5A	X	31.755	3.75
113	MP0.5A	Z	55.002	3.75
114	MP0.5A	Mx	-.021	3.75
115	MP0.5A	X	1.693	6
116	MP0.5A	Z	2.933	6
117	MP0.5A	Mx	.000564	6
118	MP0.5A	X	1.693	6
119	MP0.5A	Z	2.933	6
120	MP0.5A	Mx	-.000564	6
121	MP0.5B	X	31.755	.92
122	MP0.5B	Z	55.002	.92
123	MP0.5B	Mx	-.021	.92
124	MP0.5B	X	31.755	3.75
125	MP0.5B	Z	55.002	3.75



Company : GPD  
 Designer : ENIETO  
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**Member Point Loads (BLC 8 : Antenna Wo (150 Deg)) (Continued)**

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
126	MP0.5B	Mx	-0.21	3.75
127	MP0.5B	X	1.693	6
128	MP0.5B	Z	2.933	6
129	MP0.5B	Mx	.000565	6
130	MP0.5B	X	1.693	6
131	MP0.5B	Z	2.933	6
132	MP0.5B	Mx	-.000565	6
133	MP0.5C	X	22.597	.92
134	MP0.5C	Z	39.139	.92
135	MP0.5C	Mx	.03	.92
136	MP0.5C	X	22.597	3.75
137	MP0.5C	Z	39.139	3.75
138	MP0.5C	Mx	.03	3.75
139	MP0.5C	X	6.772	6
140	MP0.5C	Z	11.73	6
141	MP0.5C	Mx	-.005	6
142	MP0.5C	X	6.772	6
143	MP0.5C	Z	11.73	6
144	MP0.5C	Mx	.005	6
145	MP2A	X	83.002	.32
146	MP2A	Z	143.764	.32
147	MP2A	Mx	-.055	.32
148	MP2A	X	83.002	4.35
149	MP2A	Z	143.764	4.35
150	MP2A	Mx	-.055	4.35
151	MP2B	X	83.002	.32
152	MP2B	Z	143.764	.32
153	MP2B	Mx	-.055	.32
154	MP2B	X	83.002	4.35
155	MP2B	Z	143.764	4.35
156	MP2B	Mx	-.055	4.35
157	MP2C	X	53.641	.32
158	MP2C	Z	92.909	.32
159	MP2C	Mx	.072	.32
160	MP2C	X	53.641	4.35
161	MP2C	Z	92.909	4.35
162	MP2C	Mx	.072	4.35
163	MP2A	X	27.408	6
164	MP2A	Z	47.473	6
165	MP2A	Mx	.021	6
166	MP2B	X	27.408	6
167	MP2B	Z	47.473	6
168	MP2B	Mx	.021	6
169	MP2C	X	12.835	6
170	MP2C	Z	22.231	6
171	MP2C	Mx	-.019	6
172	MP5.5A	X	76.241	.33
173	MP5.5A	Z	132.053	.33
174	MP5.5A	Mx	-.051	.33
175	MP5.5A	X	76.241	4.33
176	MP5.5A	Z	132.053	4.33
177	MP5.5A	Mx	-.051	4.33
178	MP5.5A	X	27.408	7.5
179	MP5.5A	Z	47.473	7.5
180	MP5.5A	Mx	.021	7.5
181	MP5.5A	X	50.238	10.64
182	MP5.5A	Z	87.015	10.64



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
183	MP5.5A	Mx	.038	10.64
184	MP5.5B	X	76.241	.33
185	MP5.5B	Z	132.053	.33
186	MP5.5B	Mx	-.051	.33
187	MP5.5B	X	76.241	4.33
188	MP5.5B	Z	132.053	4.33
189	MP5.5B	Mx	-.051	4.33
190	MP5.5B	X	27.408	7.5
191	MP5.5B	Z	47.473	7.5
192	MP5.5B	Mx	.021	7.5
193	MP5.5B	X	50.238	10.64
194	MP5.5B	Z	87.015	10.64
195	MP5.5B	Mx	.038	10.64
196	MP5.5C	X	66.488	.33
197	MP5.5C	Z	115.16	.33
198	MP5.5C	Mx	.089	.33
199	MP5.5C	X	66.488	4.33
200	MP5.5C	Z	115.16	4.33
201	MP5.5C	Mx	.089	4.33
202	MP5.5C	X	12.835	7.5
203	MP5.5C	Z	22.231	7.5
204	MP5.5C	Mx	-.019	7.5
205	MP5.5C	X	50.182	10.64
206	MP5.5C	Z	86.917	10.64
207	MP5.5C	Mx	-.075	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	0	12.93
2	MP2A	Z	175.834	12.93
3	MP2A	Mx	.173	12.93
4	MP2A	X	0	15.74
5	MP2A	Z	175.834	15.74
6	MP2A	Mx	.173	15.74
7	MP2B	X	0	12.93
8	MP2B	Z	139.685	12.93
9	MP2B	Mx	-.093	12.93
10	MP2B	X	0	15.74
11	MP2B	Z	139.685	15.74
12	MP2B	Mx	-.093	15.74
13	MP2C	X	0	12.93
14	MP2C	Z	175.834	12.93
15	MP2C	Mx	-.056	12.93
16	MP2C	X	0	15.74
17	MP2C	Z	175.834	15.74
18	MP2C	Mx	-.056	15.74
19	MP2A	X	0	12.93
20	MP2A	Z	175.834	12.93
21	MP2A	Mx	-.056	12.93
22	MP2A	X	0	15.74
23	MP2A	Z	175.834	15.74
24	MP2A	Mx	-.056	15.74
25	MP2B	X	0	12.93
26	MP2B	Z	139.685	12.93
27	MP2B	Mx	-.093	12.93
28	MP2B	X	0	15.74



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
29	MP2B	Z	139.685	15.74
30	MP2B	Mx	-.093	15.74
31	MP2C	X	0	12.93
32	MP2C	Z	175.834	12.93
33	MP2C	Mx	.173	12.93
34	MP2C	X	0	15.74
35	MP2C	Z	175.834	15.74
36	MP2C	Mx	.173	15.74
37	MP4A	X	0	13.37
38	MP4A	Z	75.858	13.37
39	MP4A	Mx	.025	13.37
40	MP4A	X	0	15.3
41	MP4A	Z	75.858	15.3
42	MP4A	Mx	.025	15.3
43	MP4B	X	0	13.37
44	MP4B	Z	35.027	13.37
45	MP4B	Mx	-.023	13.37
46	MP4B	X	0	15.3
47	MP4B	Z	35.027	15.3
48	MP4B	Mx	-.023	15.3
49	MP4C	X	0	13.37
50	MP4C	Z	75.858	13.37
51	MP4C	Mx	.025	13.37
52	MP4C	X	0	15.3
53	MP4C	Z	75.858	15.3
54	MP4C	Mx	.025	15.3
55	MP2A	X	0	11.13
56	MP2A	Z	71.194	11.13
57	MP2A	Mx	0	11.13
58	MP2B	X	0	11.13
59	MP2B	Z	53.491	11.13
60	MP2B	Mx	.039	11.13
61	MP2C	X	0	11.13
62	MP2C	Z	53.491	11.13
63	MP2C	Mx	-.039	11.13
64	MP2A	X	0	9.13
65	MP2A	Z	71.194	9.13
66	MP2A	Mx	0	9.13
67	MP2B	X	0	9.13
68	MP2B	Z	46.709	9.13
69	MP2B	Mx	.034	9.13
70	MP2C	X	0	9.13
71	MP2C	Z	46.709	9.13
72	MP2C	Mx	-.034	9.13
73	MP1A	X	0	.53
74	MP1A	Z	129.96	.53
75	MP1A	Mx	.043	.53
76	MP1A	X	0	5.53
77	MP1A	Z	129.96	5.53
78	MP1A	Mx	.043	5.53
79	MP1B	X	0	.53
80	MP1B	Z	117.229	.53
81	MP1B	Mx	-.078	.53
82	MP1B	X	0	5.53
83	MP1B	Z	117.229	5.53
84	MP1B	Mx	-.078	5.53
85	MP5A	X	0	.53





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
86	MP5A	Z	129.96	.53
87	MP5A	Mx	.043	.53
88	MP5A	X	0	5.53
89	MP5A	Z	129.96	5.53
90	MP5A	Mx	.043	5.53
91	MP5B	X	0	.53
92	MP5B	Z	117.229	.53
93	MP5B	Mx	-.078	.53
94	MP5B	X	0	5.53
95	MP5B	Z	117.229	5.53
96	MP5B	Mx	-.078	5.53
97	MP1C	X	0	.58
98	MP1C	Z	102.881	.58
99	MP1C	Mx	.034	.58
100	MP1C	X	0	5.49
101	MP1C	Z	102.881	5.49
102	MP1C	Mx	.034	5.49
103	MP5C	X	0	.58
104	MP5C	Z	102.881	.58
105	MP5C	Mx	.034	.58
106	MP5C	X	0	5.49
107	MP5C	Z	102.881	5.49
108	MP5C	Mx	.034	5.49
109	MP0.5A	X	0	.92
110	MP0.5A	Z	69.616	.92
111	MP0.5A	Mx	0	.92
112	MP0.5A	X	0	3.75
113	MP0.5A	Z	69.616	3.75
114	MP0.5A	Mx	0	3.75
115	MP0.5A	X	0	6
116	MP0.5A	Z	0	6
117	MP0.5A	Mx	0	6
118	MP0.5A	X	0	6
119	MP0.5A	Z	0	6
120	MP0.5A	Mx	0	6
121	MP0.5B	X	0	.92
122	MP0.5B	Z	51.3	.92
123	MP0.5B	Mx	-.03	.92
124	MP0.5B	X	0	3.75
125	MP0.5B	Z	51.3	3.75
126	MP0.5B	Mx	-.03	3.75
127	MP0.5B	X	0	6
128	MP0.5B	Z	10.159	6
129	MP0.5B	Mx	.003	6
130	MP0.5B	X	0	6
131	MP0.5B	Z	10.159	6
132	MP0.5B	Mx	-.003	6
133	MP0.5C	X	0	.92
134	MP0.5C	Z	51.3	.92
135	MP0.5C	Mx	.03	.92
136	MP0.5C	X	0	3.75
137	MP0.5C	Z	51.3	3.75
138	MP0.5C	Mx	.03	3.75
139	MP0.5C	X	0	6
140	MP0.5C	Z	10.159	6
141	MP0.5C	Mx	-.003	6
142	MP0.5C	X	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
143	MP0.5C	Z	10.159	6
144	MP0.5C	Mx	.003	6
145	MP2A	X	0	.32
146	MP2A	Z	185.578	.32
147	MP2A	Mx	0	.32
148	MP2A	X	0	4.35
149	MP2A	Z	185.578	4.35
150	MP2A	Mx	0	4.35
151	MP2B	X	0	.32
152	MP2B	Z	126.856	.32
153	MP2B	Mx	-.073	.32
154	MP2B	X	0	4.35
155	MP2B	Z	126.856	4.35
156	MP2B	Mx	-.073	4.35
157	MP2C	X	0	.32
158	MP2C	Z	126.856	.32
159	MP2C	Mx	.073	.32
160	MP2C	X	0	4.35
161	MP2C	Z	126.856	4.35
162	MP2C	Mx	.073	4.35
163	MP2A	X	0	6
164	MP2A	Z	64.532	6
165	MP2A	Mx	0	6
166	MP2B	X	0	6
167	MP2B	Z	35.386	6
168	MP2B	Mx	.023	6
169	MP2C	X	0	6
170	MP2C	Z	35.386	6
171	MP2C	Mx	-.023	6
172	MP5.5A	X	0	.33
173	MP5.5A	Z	158.983	.33
174	MP5.5A	Mx	0	.33
175	MP5.5A	X	0	4.33
176	MP5.5A	Z	158.983	4.33
177	MP5.5A	Mx	0	4.33
178	MP5.5A	X	0	7.5
179	MP5.5A	Z	64.532	7.5
180	MP5.5A	Mx	0	7.5
181	MP5.5A	X	0	10.64
182	MP5.5A	Z	100.514	10.64
183	MP5.5A	Mx	0	10.64
184	MP5.5B	X	0	.33
185	MP5.5B	Z	139.477	.33
186	MP5.5B	Mx	-.081	.33
187	MP5.5B	X	0	4.33
188	MP5.5B	Z	139.477	4.33
189	MP5.5B	Mx	-.081	4.33
190	MP5.5B	X	0	7.5
191	MP5.5B	Z	35.386	7.5
192	MP5.5B	Mx	.023	7.5
193	MP5.5B	X	0	10.64
194	MP5.5B	Z	100.401	10.64
195	MP5.5B	Mx	.065	10.64
196	MP5.5C	X	0	.33
197	MP5.5C	Z	139.477	.33
198	MP5.5C	Mx	.081	.33
199	MP5.5C	X	0	4.33



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
200	MP5.5C	Z	139.477	4.33
201	MP5.5C	Mx	.081	4.33
202	MP5.5C	X	0	7.5
203	MP5.5C	Z	35.386	7.5
204	MP5.5C	Mx	-.023	7.5
205	MP5.5C	X	0	10.64
206	MP5.5C	Z	100.401	10.64
207	MP5.5C	Mx	-.065	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-75.867	12.93
2	MP2A	Z	131.406	12.93
3	MP2A	Mx	.145	12.93
4	MP2A	X	-75.867	15.74
5	MP2A	Z	131.406	15.74
6	MP2A	Mx	.145	15.74
7	MP2B	X	-75.867	12.93
8	MP2B	Z	131.406	12.93
9	MP2B	Mx	-.031	12.93
10	MP2B	X	-75.867	15.74
11	MP2B	Z	131.406	15.74
12	MP2B	Mx	-.031	15.74
13	MP2C	X	-93.942	12.93
14	MP2C	Z	162.713	12.93
15	MP2C	Mx	-.141	12.93
16	MP2C	X	-93.942	15.74
17	MP2C	Z	162.713	15.74
18	MP2C	Mx	-.141	15.74
19	MP2A	X	-75.867	12.93
20	MP2A	Z	131.406	12.93
21	MP2A	Mx	.031	12.93
22	MP2A	X	-75.867	15.74
23	MP2A	Z	131.406	15.74
24	MP2A	Mx	.031	15.74
25	MP2B	X	-75.867	12.93
26	MP2B	Z	131.406	12.93
27	MP2B	Mx	-.145	12.93
28	MP2B	X	-75.867	15.74
29	MP2B	Z	131.406	15.74
30	MP2B	Mx	-.145	15.74
31	MP2C	X	-93.942	12.93
32	MP2C	Z	162.713	12.93
33	MP2C	Mx	.141	12.93
34	MP2C	X	-93.942	15.74
35	MP2C	Z	162.713	15.74
36	MP2C	Mx	.141	15.74
37	MP4A	X	-24.319	13.37
38	MP4A	Z	42.121	13.37
39	MP4A	Mx	.028	13.37
40	MP4A	X	-24.319	15.3
41	MP4A	Z	42.121	15.3
42	MP4A	Mx	.028	15.3
43	MP4B	X	-24.319	13.37
44	MP4B	Z	42.121	13.37
45	MP4B	Mx	-.028	13.37



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]	
46	MP4B	X	-24.319	15.3
47	MP4B	Z	42.121	15.3
48	MP4B	Mx	-.028	15.3
49	MP4C	X	-44.734	13.37
50	MP4C	Z	77.482	13.37
51	MP4C	Mx	0	13.37
52	MP4C	X	-44.734	15.3
53	MP4C	Z	77.482	15.3
54	MP4C	Mx	0	15.3
55	MP2A	X	-32.647	11.13
56	MP2A	Z	56.546	11.13
57	MP2A	Mx	-.027	11.13
58	MP2B	X	-23.795	11.13
59	MP2B	Z	41.214	11.13
60	MP2B	Mx	.04	11.13
61	MP2C	X	-32.647	11.13
62	MP2C	Z	56.546	11.13
63	MP2C	Mx	-.027	11.13
64	MP2A	X	-31.516	9.13
65	MP2A	Z	54.588	9.13
66	MP2A	Mx	-.026	9.13
67	MP2B	X	-19.274	9.13
68	MP2B	Z	33.383	9.13
69	MP2B	Mx	.032	9.13
70	MP2C	X	-31.516	9.13
71	MP2C	Z	54.588	9.13
72	MP2C	Mx	-.026	9.13
73	MP1A	X	-60.736	.53
74	MP1A	Z	105.199	.53
75	MP1A	Mx	.07	.53
76	MP1A	X	-60.736	5.53
77	MP1A	Z	105.199	5.53
78	MP1A	Mx	.07	5.53
79	MP1B	X	-60.736	.53
80	MP1B	Z	105.199	.53
81	MP1B	Mx	-.07	.53
82	MP1B	X	-60.736	5.53
83	MP1B	Z	105.199	5.53
84	MP1B	Mx	-.07	5.53
85	MP5A	X	-60.736	.53
86	MP5A	Z	105.199	.53
87	MP5A	Mx	.07	.53
88	MP5A	X	-60.736	5.53
89	MP5A	Z	105.199	5.53
90	MP5A	Mx	.07	5.53
91	MP5B	X	-60.736	.53
92	MP5B	Z	105.199	.53
93	MP5B	Mx	-.07	.53
94	MP5B	X	-60.736	5.53
95	MP5B	Z	105.199	5.53
96	MP5B	Mx	-.07	5.53
97	MP1C	X	-41.213	.58
98	MP1C	Z	71.383	.58
99	MP1C	Mx	0	.58
100	MP1C	X	-41.213	5.49
101	MP1C	Z	71.383	5.49
102	MP1C	Mx	0	5.49



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
103	MP5C	X	-41.213	.58
104	MP5C	Z	71.383	.58
105	MP5C	Mx	0	.58
106	MP5C	X	-41.213	5.49
107	MP5C	Z	71.383	5.49
108	MP5C	Mx	0	5.49
109	MP0.5A	X	-31.755	.92
110	MP0.5A	Z	55.002	.92
111	MP0.5A	Mx	.021	.92
112	MP0.5A	X	-31.755	3.75
113	MP0.5A	Z	55.002	3.75
114	MP0.5A	Mx	.021	3.75
115	MP0.5A	X	-1.693	6
116	MP0.5A	Z	2.933	6
117	MP0.5A	Mx	-.000564	6
118	MP0.5A	X	-1.693	6
119	MP0.5A	Z	2.933	6
120	MP0.5A	Mx	.000564	6
121	MP0.5B	X	-22.597	.92
122	MP0.5B	Z	39.139	.92
123	MP0.5B	Mx	-.03	.92
124	MP0.5B	X	-22.597	3.75
125	MP0.5B	Z	39.139	3.75
126	MP0.5B	Mx	-.03	3.75
127	MP0.5B	X	-6.772	6
128	MP0.5B	Z	11.73	6
129	MP0.5B	Mx	.005	6
130	MP0.5B	X	-6.772	6
131	MP0.5B	Z	11.73	6
132	MP0.5B	Mx	-.005	6
133	MP0.5C	X	-31.755	.92
134	MP0.5C	Z	55.002	.92
135	MP0.5C	Mx	.021	.92
136	MP0.5C	X	-31.755	3.75
137	MP0.5C	Z	55.002	3.75
138	MP0.5C	Mx	.021	3.75
139	MP0.5C	X	-1.693	6
140	MP0.5C	Z	2.933	6
141	MP0.5C	Mx	-.000565	6
142	MP0.5C	X	-1.693	6
143	MP0.5C	Z	2.933	6
144	MP0.5C	Mx	.000565	6
145	MP2A	X	-83.002	.32
146	MP2A	Z	143.764	.32
147	MP2A	Mx	.055	.32
148	MP2A	X	-83.002	4.35
149	MP2A	Z	143.764	4.35
150	MP2A	Mx	.055	4.35
151	MP2B	X	-53.641	.32
152	MP2B	Z	92.909	.32
153	MP2B	Mx	-.072	.32
154	MP2B	X	-53.641	4.35
155	MP2B	Z	92.909	4.35
156	MP2B	Mx	-.072	4.35
157	MP2C	X	-83.002	.32
158	MP2C	Z	143.764	.32
159	MP2C	Mx	.055	.32



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
160	MP2C	X	-83.002	4.35
161	MP2C	Z	143.764	4.35
162	MP2C	Mx	.055	4.35
163	MP2A	X	-27.408	6
164	MP2A	Z	47.473	6
165	MP2A	Mx	-.021	6
166	MP2B	X	-12.835	6
167	MP2B	Z	22.231	6
168	MP2B	Mx	.019	6
169	MP2C	X	-27.408	6
170	MP2C	Z	47.473	6
171	MP2C	Mx	-.021	6
172	MP5.5A	X	-76.241	.33
173	MP5.5A	Z	132.053	.33
174	MP5.5A	Mx	.051	.33
175	MP5.5A	X	-76.241	4.33
176	MP5.5A	Z	132.053	4.33
177	MP5.5A	Mx	.051	4.33
178	MP5.5A	X	-27.408	7.5
179	MP5.5A	Z	47.473	7.5
180	MP5.5A	Mx	-.021	7.5
181	MP5.5A	X	-50.238	10.64
182	MP5.5A	Z	87.015	10.64
183	MP5.5A	Mx	-.038	10.64
184	MP5.5B	X	-66.488	.33
185	MP5.5B	Z	115.16	.33
186	MP5.5B	Mx	-.089	.33
187	MP5.5B	X	-66.488	4.33
188	MP5.5B	Z	115.16	4.33
189	MP5.5B	Mx	-.089	4.33
190	MP5.5B	X	-12.835	7.5
191	MP5.5B	Z	22.231	7.5
192	MP5.5B	Mx	.019	7.5
193	MP5.5B	X	-50.182	10.64
194	MP5.5B	Z	86.917	10.64
195	MP5.5B	Mx	.075	10.64
196	MP5.5C	X	-76.241	.33
197	MP5.5C	Z	132.053	.33
198	MP5.5C	Mx	.051	.33
199	MP5.5C	X	-76.241	4.33
200	MP5.5C	Z	132.053	4.33
201	MP5.5C	Mx	.051	4.33
202	MP5.5C	X	-27.408	7.5
203	MP5.5C	Z	47.473	7.5
204	MP5.5C	Mx	-.021	7.5
205	MP5.5C	X	-50.238	10.64
206	MP5.5C	Z	87.015	10.64
207	MP5.5C	Mx	-.038	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-120.97	12.93
2	MP2A	Z	69.842	12.93
3	MP2A	Mx	.093	12.93
4	MP2A	X	-120.97	15.74
5	MP2A	Z	69.842	15.74



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
6	MP2A	Mx	.093	15.74
7	MP2B	X	-152.277	12.93
8	MP2B	Z	87.917	12.93
9	MP2B	Mx	.056	12.93
10	MP2B	X	-152.277	15.74
11	MP2B	Z	87.917	15.74
12	MP2B	Mx	.056	15.74
13	MP2C	X	-152.277	12.93
14	MP2C	Z	87.917	12.93
15	MP2C	Mx	-.173	12.93
16	MP2C	X	-152.277	15.74
17	MP2C	Z	87.917	15.74
18	MP2C	Mx	-.173	15.74
19	MP2A	X	-120.97	12.93
20	MP2A	Z	69.842	12.93
21	MP2A	Mx	.093	12.93
22	MP2A	X	-120.97	15.74
23	MP2A	Z	69.842	15.74
24	MP2A	Mx	.093	15.74
25	MP2B	X	-152.277	12.93
26	MP2B	Z	87.917	12.93
27	MP2B	Mx	-.173	12.93
28	MP2B	X	-152.277	15.74
29	MP2B	Z	87.917	15.74
30	MP2B	Mx	-.173	15.74
31	MP2C	X	-152.277	12.93
32	MP2C	Z	87.917	12.93
33	MP2C	Mx	.056	12.93
34	MP2C	X	-152.277	15.74
35	MP2C	Z	87.917	15.74
36	MP2C	Mx	.056	15.74
37	MP4A	X	-30.334	13.37
38	MP4A	Z	17.513	13.37
39	MP4A	Mx	.023	13.37
40	MP4A	X	-30.334	15.3
41	MP4A	Z	17.513	15.3
42	MP4A	Mx	.023	15.3
43	MP4B	X	-65.695	13.37
44	MP4B	Z	37.929	13.37
45	MP4B	Mx	-.025	13.37
46	MP4B	X	-65.695	15.3
47	MP4B	Z	37.929	15.3
48	MP4B	Mx	-.025	15.3
49	MP4C	X	-65.695	13.37
50	MP4C	Z	37.929	13.37
51	MP4C	Mx	-.025	13.37
52	MP4C	X	-65.695	15.3
53	MP4C	Z	37.929	15.3
54	MP4C	Mx	-.025	15.3
55	MP2A	X	-46.324	11.13
56	MP2A	Z	26.745	11.13
57	MP2A	Mx	-.039	11.13
58	MP2B	X	-46.324	11.13
59	MP2B	Z	26.745	11.13
60	MP2B	Mx	.039	11.13
61	MP2C	X	-61.656	11.13
62	MP2C	Z	35.597	11.13



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]	
63	MP2C	Mx	0	11.13
64	MP2A	X	-40.451	9.13
65	MP2A	Z	23.355	9.13
66	MP2A	Mx	-.034	9.13
67	MP2B	X	-40.451	9.13
68	MP2B	Z	23.355	9.13
69	MP2B	Mx	.034	9.13
70	MP2C	X	-61.656	9.13
71	MP2C	Z	35.597	9.13
72	MP2C	Mx	0	9.13
73	MP1A	X	-101.524	.53
74	MP1A	Z	58.615	.53
75	MP1A	Mx	.078	.53
76	MP1A	X	-101.524	5.53
77	MP1A	Z	58.615	5.53
78	MP1A	Mx	.078	5.53
79	MP1B	X	-112.548	.53
80	MP1B	Z	64.98	.53
81	MP1B	Mx	-.043	.53
82	MP1B	X	-112.548	5.53
83	MP1B	Z	64.98	5.53
84	MP1B	Mx	-.043	5.53
85	MP5A	X	-101.524	.53
86	MP5A	Z	58.615	.53
87	MP5A	Mx	.078	.53
88	MP5A	X	-101.524	5.53
89	MP5A	Z	58.615	5.53
90	MP5A	Mx	.078	5.53
91	MP5B	X	-112.548	.53
92	MP5B	Z	64.98	.53
93	MP5B	Mx	-.043	.53
94	MP5B	X	-112.548	5.53
95	MP5B	Z	64.98	5.53
96	MP5B	Mx	-.043	5.53
97	MP1C	X	-89.098	.58
98	MP1C	Z	51.441	.58
99	MP1C	Mx	-.034	.58
100	MP1C	X	-89.098	5.49
101	MP1C	Z	51.441	5.49
102	MP1C	Mx	-.034	5.49
103	MP5C	X	-89.098	.58
104	MP5C	Z	51.441	.58
105	MP5C	Mx	-.034	.58
106	MP5C	X	-89.098	5.49
107	MP5C	Z	51.441	5.49
108	MP5C	Mx	-.034	5.49
109	MP0.5A	X	-44.427	.92
110	MP0.5A	Z	25.65	.92
111	MP0.5A	Mx	.03	.92
112	MP0.5A	X	-44.427	3.75
113	MP0.5A	Z	25.65	3.75
114	MP0.5A	Mx	.03	3.75
115	MP0.5A	X	-8.798	6
116	MP0.5A	Z	5.079	6
117	MP0.5A	Mx	-.003	6
118	MP0.5A	X	-8.798	6
119	MP0.5A	Z	5.079	6





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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]	
120	MP0.5A	Mx	.003	6
121	MP0.5B	X	-44.427	.92
122	MP0.5B	Z	25.65	.92
123	MP0.5B	Mx	-.03	.92
124	MP0.5B	X	-44.427	3.75
125	MP0.5B	Z	25.65	3.75
126	MP0.5B	Mx	-.03	3.75
127	MP0.5B	X	-8.798	6
128	MP0.5B	Z	5.079	6
129	MP0.5B	Mx	.003	6
130	MP0.5B	X	-8.798	6
131	MP0.5B	Z	5.079	6
132	MP0.5B	Mx	-.003	6
133	MP0.5C	X	-60.29	.92
134	MP0.5C	Z	34.808	.92
135	MP0.5C	Mx	0	.92
136	MP0.5C	X	-60.29	3.75
137	MP0.5C	Z	34.808	3.75
138	MP0.5C	Mx	0	3.75
139	MP0.5C	X	0	6
140	MP0.5C	Z	0	6
141	MP0.5C	Mx	0	6
142	MP0.5C	X	0	6
143	MP0.5C	Z	0	6
144	MP0.5C	Mx	0	6
145	MP2A	X	-109.86	.32
146	MP2A	Z	63.428	.32
147	MP2A	Mx	.073	.32
148	MP2A	X	-109.86	4.35
149	MP2A	Z	63.428	4.35
150	MP2A	Mx	.073	4.35
151	MP2B	X	-109.86	.32
152	MP2B	Z	63.428	.32
153	MP2B	Mx	-.073	.32
154	MP2B	X	-109.86	4.35
155	MP2B	Z	63.428	4.35
156	MP2B	Mx	-.073	4.35
157	MP2C	X	-160.716	.32
158	MP2C	Z	92.789	.32
159	MP2C	Mx	0	.32
160	MP2C	X	-160.716	4.35
161	MP2C	Z	92.789	4.35
162	MP2C	Mx	0	4.35
163	MP2A	X	-30.645	6
164	MP2A	Z	17.693	6
165	MP2A	Mx	-.023	6
166	MP2B	X	-30.645	6
167	MP2B	Z	17.693	6
168	MP2B	Mx	.023	6
169	MP2C	X	-55.886	6
170	MP2C	Z	32.266	6
171	MP2C	Mx	0	6
172	MP5.5A	X	-120.791	.33
173	MP5.5A	Z	69.739	.33
174	MP5.5A	Mx	.081	.33
175	MP5.5A	X	-120.791	4.33
176	MP5.5A	Z	69.739	4.33



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
177	MP5.5A	Mx	.081	4.33
178	MP5.5A	X	-30.645	7.5
179	MP5.5A	Z	17.693	7.5
180	MP5.5A	Mx	-.023	7.5
181	MP5.5A	X	-86.95	10.64
182	MP5.5A	Z	50.201	10.64
183	MP5.5A	Mx	-.065	10.64
184	MP5.5B	X	-120.791	.33
185	MP5.5B	Z	69.739	.33
186	MP5.5B	Mx	-.081	.33
187	MP5.5B	X	-120.791	4.33
188	MP5.5B	Z	69.739	4.33
189	MP5.5B	Mx	-.081	4.33
190	MP5.5B	X	-30.645	7.5
191	MP5.5B	Z	17.693	7.5
192	MP5.5B	Mx	.023	7.5
193	MP5.5B	X	-86.95	10.64
194	MP5.5B	Z	50.201	10.64
195	MP5.5B	Mx	.065	10.64
196	MP5.5C	X	-137.684	.33
197	MP5.5C	Z	79.492	.33
198	MP5.5C	Mx	0	.33
199	MP5.5C	X	-137.684	4.33
200	MP5.5C	Z	79.492	4.33
201	MP5.5C	Mx	0	4.33
202	MP5.5C	X	-55.886	7.5
203	MP5.5C	Z	32.266	7.5
204	MP5.5C	Mx	0	7.5
205	MP5.5C	X	-87.047	10.64
206	MP5.5C	Z	50.257	10.64
207	MP5.5C	Mx	0	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-151.735	12.93
2	MP2A	Z	0	12.93
3	MP2A	Mx	.031	12.93
4	MP2A	X	-151.735	15.74
5	MP2A	Z	0	15.74
6	MP2A	Mx	.031	15.74
7	MP2B	X	-187.884	12.93
8	MP2B	Z	0	12.93
9	MP2B	Mx	.141	12.93
10	MP2B	X	-187.884	15.74
11	MP2B	Z	0	15.74
12	MP2B	Mx	.141	15.74
13	MP2C	X	-151.735	12.93
14	MP2C	Z	0	12.93
15	MP2C	Mx	-.145	12.93
16	MP2C	X	-151.735	15.74
17	MP2C	Z	0	15.74
18	MP2C	Mx	-.145	15.74
19	MP2A	X	-151.735	12.93
20	MP2A	Z	0	12.93
21	MP2A	Mx	.145	12.93
22	MP2A	X	-151.735	15.74



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]	
23	MP2A	Z	0	15.74
24	MP2A	Mx	.145	15.74
25	MP2B	X	-187.884	12.93
26	MP2B	Z	0	12.93
27	MP2B	Mx	-.141	12.93
28	MP2B	X	-187.884	15.74
29	MP2B	Z	0	15.74
30	MP2B	Mx	-.141	15.74
31	MP2C	X	-151.735	12.93
32	MP2C	Z	0	12.93
33	MP2C	Mx	-.031	12.93
34	MP2C	X	-151.735	15.74
35	MP2C	Z	0	15.74
36	MP2C	Mx	-.031	15.74
37	MP4A	X	-48.637	13.37
38	MP4A	Z	0	13.37
39	MP4A	Mx	.028	13.37
40	MP4A	X	-48.637	15.3
41	MP4A	Z	0	15.3
42	MP4A	Mx	.028	15.3
43	MP4B	X	-89.469	13.37
44	MP4B	Z	0	13.37
45	MP4B	Mx	0	13.37
46	MP4B	X	-89.469	15.3
47	MP4B	Z	0	15.3
48	MP4B	Mx	0	15.3
49	MP4C	X	-48.637	13.37
50	MP4C	Z	0	13.37
51	MP4C	Mx	-.028	13.37
52	MP4C	X	-48.637	15.3
53	MP4C	Z	0	15.3
54	MP4C	Mx	-.028	15.3
55	MP2A	X	-47.59	11.13
56	MP2A	Z	0	11.13
57	MP2A	Mx	-.04	11.13
58	MP2B	X	-65.293	11.13
59	MP2B	Z	0	11.13
60	MP2B	Mx	.027	11.13
61	MP2C	X	-65.293	11.13
62	MP2C	Z	0	11.13
63	MP2C	Mx	.027	11.13
64	MP2A	X	-38.548	9.13
65	MP2A	Z	0	9.13
66	MP2A	Mx	-.032	9.13
67	MP2B	X	-63.033	9.13
68	MP2B	Z	0	9.13
69	MP2B	Mx	.026	9.13
70	MP2C	X	-63.033	9.13
71	MP2C	Z	0	9.13
72	MP2C	Mx	.026	9.13
73	MP1A	X	-121.473	.53
74	MP1A	Z	0	.53
75	MP1A	Mx	.07	.53
76	MP1A	X	-121.473	5.53
77	MP1A	Z	0	5.53
78	MP1A	Mx	.07	5.53
79	MP1B	X	-134.203	.53



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
80	MP1B	Z	0	.53
81	MP1B	Mx	0	.53
82	MP1B	X	-134.203	5.53
83	MP1B	Z	0	5.53
84	MP1B	Mx	0	5.53
85	MP5A	X	-121.473	.53
86	MP5A	Z	0	.53
87	MP5A	Mx	.07	.53
88	MP5A	X	-121.473	5.53
89	MP5A	Z	0	5.53
90	MP5A	Mx	.07	5.53
91	MP5B	X	-134.203	.53
92	MP5B	Z	0	.53
93	MP5B	Mx	0	.53
94	MP5B	X	-134.203	5.53
95	MP5B	Z	0	5.53
96	MP5B	Mx	0	5.53
97	MP1C	X	-143.793	.58
98	MP1C	Z	0	.58
99	MP1C	Mx	-.083	.58
100	MP1C	X	-143.793	5.49
101	MP1C	Z	0	5.49
102	MP1C	Mx	-.083	5.49
103	MP5C	X	-143.793	.58
104	MP5C	Z	0	.58
105	MP5C	Mx	-.083	.58
106	MP5C	X	-143.793	5.49
107	MP5C	Z	0	5.49
108	MP5C	Mx	-.083	5.49
109	MP0.5A	X	-45.194	.92
110	MP0.5A	Z	0	.92
111	MP0.5A	Mx	.03	.92
112	MP0.5A	X	-45.194	3.75
113	MP0.5A	Z	0	3.75
114	MP0.5A	Mx	.03	3.75
115	MP0.5A	X	-13.545	6
116	MP0.5A	Z	0	6
117	MP0.5A	Mx	-.005	6
118	MP0.5A	X	-13.545	6
119	MP0.5A	Z	0	6
120	MP0.5A	Mx	.005	6
121	MP0.5B	X	-63.511	.92
122	MP0.5B	Z	0	.92
123	MP0.5B	Mx	-.021	.92
124	MP0.5B	X	-63.511	3.75
125	MP0.5B	Z	0	3.75
126	MP0.5B	Mx	-.021	3.75
127	MP0.5B	X	-3.386	6
128	MP0.5B	Z	0	6
129	MP0.5B	Mx	.000564	6
130	MP0.5B	X	-3.386	6
131	MP0.5B	Z	0	6
132	MP0.5B	Mx	-.000564	6
133	MP0.5C	X	-63.511	.92
134	MP0.5C	Z	0	.92
135	MP0.5C	Mx	-.021	.92
136	MP0.5C	X	-63.511	3.75

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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
137	MP0.5C	Z	0	3.75
138	MP0.5C	Mx	-.021	3.75
139	MP0.5C	X	-3.386	6
140	MP0.5C	Z	0	6
141	MP0.5C	Mx	.000564	6
142	MP0.5C	X	-3.386	6
143	MP0.5C	Z	0	6
144	MP0.5C	Mx	-.000564	6
145	MP2A	X	-107.282	.32
146	MP2A	Z	0	.32
147	MP2A	Mx	.072	.32
148	MP2A	X	-107.282	4.35
149	MP2A	Z	0	4.35
150	MP2A	Mx	.072	4.35
151	MP2B	X	-166.004	.32
152	MP2B	Z	0	.32
153	MP2B	Mx	-.055	.32
154	MP2B	X	-166.004	4.35
155	MP2B	Z	0	4.35
156	MP2B	Mx	-.055	4.35
157	MP2C	X	-166.004	.32
158	MP2C	Z	0	.32
159	MP2C	Mx	-.055	.32
160	MP2C	X	-166.004	4.35
161	MP2C	Z	0	4.35
162	MP2C	Mx	-.055	4.35
163	MP2A	X	-25.67	6
164	MP2A	Z	0	6
165	MP2A	Mx	-.019	6
166	MP2B	X	-54.817	6
167	MP2B	Z	0	6
168	MP2B	Mx	.021	6
169	MP2C	X	-54.817	6
170	MP2C	Z	0	6
171	MP2C	Mx	.021	6
172	MP5.5A	X	-132.975	.33
173	MP5.5A	Z	0	.33
174	MP5.5A	Mx	.089	.33
175	MP5.5A	X	-132.975	4.33
176	MP5.5A	Z	0	4.33
177	MP5.5A	Mx	.089	4.33
178	MP5.5A	X	-25.67	7.5
179	MP5.5A	Z	0	7.5
180	MP5.5A	Mx	-.019	7.5
181	MP5.5A	X	-100.364	10.64
182	MP5.5A	Z	0	10.64
183	MP5.5A	Mx	-.075	10.64
184	MP5.5B	X	-152.481	.33
185	MP5.5B	Z	0	.33
186	MP5.5B	Mx	-.051	.33
187	MP5.5B	X	-152.481	4.33
188	MP5.5B	Z	0	4.33
189	MP5.5B	Mx	-.051	4.33
190	MP5.5B	X	-54.817	7.5
191	MP5.5B	Z	0	7.5
192	MP5.5B	Mx	.021	7.5
193	MP5.5B	X	-100.476	10.64



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
194	MP5.5B	Z	0	10.64
195	MP5.5B	Mx	.038	10.64
196	MP5.5C	X	-152.481	.33
197	MP5.5C	Z	0	.33
198	MP5.5C	Mx	-.051	.33
199	MP5.5C	X	-152.481	4.33
200	MP5.5C	Z	0	4.33
201	MP5.5C	Mx	-.051	4.33
202	MP5.5C	X	-54.817	7.5
203	MP5.5C	Z	0	7.5
204	MP5.5C	Mx	.021	7.5
205	MP5.5C	X	-100.476	10.64
206	MP5.5C	Z	0	10.64
207	MP5.5C	Mx	.038	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-152.277	12.93
2	MP2A	Z	-87.917	12.93
3	MP2A	Mx	-.056	12.93
4	MP2A	X	-152.277	15.74
5	MP2A	Z	-87.917	15.74
6	MP2A	Mx	-.056	15.74
7	MP2B	X	-152.277	12.93
8	MP2B	Z	-87.917	12.93
9	MP2B	Mx	.173	12.93
10	MP2B	X	-152.277	15.74
11	MP2B	Z	-87.917	15.74
12	MP2B	Mx	.173	15.74
13	MP2C	X	-120.97	12.93
14	MP2C	Z	-69.842	12.93
15	MP2C	Mx	-.093	12.93
16	MP2C	X	-120.97	15.74
17	MP2C	Z	-69.842	15.74
18	MP2C	Mx	-.093	15.74
19	MP2A	X	-152.277	12.93
20	MP2A	Z	-87.917	12.93
21	MP2A	Mx	.173	12.93
22	MP2A	X	-152.277	15.74
23	MP2A	Z	-87.917	15.74
24	MP2A	Mx	.173	15.74
25	MP2B	X	-152.277	12.93
26	MP2B	Z	-87.917	12.93
27	MP2B	Mx	-.056	12.93
28	MP2B	X	-152.277	15.74
29	MP2B	Z	-87.917	15.74
30	MP2B	Mx	-.056	15.74
31	MP2C	X	-120.97	12.93
32	MP2C	Z	-69.842	12.93
33	MP2C	Mx	-.093	12.93
34	MP2C	X	-120.97	15.74
35	MP2C	Z	-69.842	15.74
36	MP2C	Mx	-.093	15.74
37	MP4A	X	-65.695	13.37
38	MP4A	Z	-37.929	13.37
39	MP4A	Mx	.025	13.37



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
40	MP4A	X	-65.695	15.3
41	MP4A	Z	-37.929	15.3
42	MP4A	Mx	.025	15.3
43	MP4B	X	-65.695	13.37
44	MP4B	Z	-37.929	13.37
45	MP4B	Mx	.025	13.37
46	MP4B	X	-65.695	15.3
47	MP4B	Z	-37.929	15.3
48	MP4B	Mx	.025	15.3
49	MP4C	X	-30.334	13.37
50	MP4C	Z	-17.513	13.37
51	MP4C	Mx	-.023	13.37
52	MP4C	X	-30.334	15.3
53	MP4C	Z	-17.513	15.3
54	MP4C	Mx	-.023	15.3
55	MP2A	X	-46.324	11.13
56	MP2A	Z	-26.745	11.13
57	MP2A	Mx	-.039	11.13
58	MP2B	X	-61.656	11.13
59	MP2B	Z	-35.597	11.13
60	MP2B	Mx	0	11.13
61	MP2C	X	-46.324	11.13
62	MP2C	Z	-26.745	11.13
63	MP2C	Mx	.039	11.13
64	MP2A	X	-40.451	9.13
65	MP2A	Z	-23.355	9.13
66	MP2A	Mx	-.034	9.13
67	MP2B	X	-61.656	9.13
68	MP2B	Z	-35.597	9.13
69	MP2B	Mx	0	9.13
70	MP2C	X	-40.451	9.13
71	MP2C	Z	-23.355	9.13
72	MP2C	Mx	.034	9.13
73	MP1A	X	-112.548	.53
74	MP1A	Z	-64.98	.53
75	MP1A	Mx	.043	.53
76	MP1A	X	-112.548	5.53
77	MP1A	Z	-64.98	5.53
78	MP1A	Mx	.043	5.53
79	MP1B	X	-112.548	.53
80	MP1B	Z	-64.98	.53
81	MP1B	Mx	.043	.53
82	MP1B	X	-112.548	5.53
83	MP1B	Z	-64.98	5.53
84	MP1B	Mx	.043	5.53
85	MP5A	X	-112.548	.53
86	MP5A	Z	-64.98	.53
87	MP5A	Mx	.043	.53
88	MP5A	X	-112.548	5.53
89	MP5A	Z	-64.98	5.53
90	MP5A	Mx	.043	5.53
91	MP5B	X	-112.548	.53
92	MP5B	Z	-64.98	.53
93	MP5B	Mx	.043	.53
94	MP5B	X	-112.548	5.53
95	MP5B	Z	-64.98	5.53
96	MP5B	Mx	.043	5.53



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
97	MP1C	X	-142.243	.58
98	MP1C	Z	-82.124	.58
99	MP1C	Mx	-.109	.58
100	MP1C	X	-142.243	5.49
101	MP1C	Z	-82.124	5.49
102	MP1C	Mx	-.109	5.49
103	MP5C	X	-142.243	.58
104	MP5C	Z	-82.124	.58
105	MP5C	Mx	-.109	.58
106	MP5C	X	-142.243	5.49
107	MP5C	Z	-82.124	5.49
108	MP5C	Mx	-.109	5.49
109	MP0.5A	X	-44.427	.92
110	MP0.5A	Z	-25.65	.92
111	MP0.5A	Mx	.03	.92
112	MP0.5A	X	-44.427	3.75
113	MP0.5A	Z	-25.65	3.75
114	MP0.5A	Mx	.03	3.75
115	MP0.5A	X	-8.798	6
116	MP0.5A	Z	-5.079	6
117	MP0.5A	Mx	-.003	6
118	MP0.5A	X	-8.798	6
119	MP0.5A	Z	-5.079	6
120	MP0.5A	Mx	.003	6
121	MP0.5B	X	-60.29	.92
122	MP0.5B	Z	-34.808	.92
123	MP0.5B	Mx	0	.92
124	MP0.5B	X	-60.29	3.75
125	MP0.5B	Z	-34.808	3.75
126	MP0.5B	Mx	0	3.75
127	MP0.5B	X	0	6
128	MP0.5B	Z	0	6
129	MP0.5B	Mx	0	6
130	MP0.5B	X	0	6
131	MP0.5B	Z	0	6
132	MP0.5B	Mx	0	6
133	MP0.5C	X	-44.427	.92
134	MP0.5C	Z	-25.65	.92
135	MP0.5C	Mx	-.03	.92
136	MP0.5C	X	-44.427	3.75
137	MP0.5C	Z	-25.65	3.75
138	MP0.5C	Mx	-.03	3.75
139	MP0.5C	X	-8.798	6
140	MP0.5C	Z	-5.079	6
141	MP0.5C	Mx	.003	6
142	MP0.5C	X	-8.798	6
143	MP0.5C	Z	-5.079	6
144	MP0.5C	Mx	-.003	6
145	MP2A	X	-109.86	.32
146	MP2A	Z	-63.428	.32
147	MP2A	Mx	.073	.32
148	MP2A	X	-109.86	4.35
149	MP2A	Z	-63.428	4.35
150	MP2A	Mx	.073	4.35
151	MP2B	X	-160.716	.32
152	MP2B	Z	-92.789	.32
153	MP2B	Mx	0	.32





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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
154	MP2B	X	-160.716	4.35
155	MP2B	Z	-92.789	4.35
156	MP2B	Mx	0	4.35
157	MP2C	X	-109.86	.32
158	MP2C	Z	-63.428	.32
159	MP2C	Mx	-.073	.32
160	MP2C	X	-109.86	4.35
161	MP2C	Z	-63.428	4.35
162	MP2C	Mx	-.073	4.35
163	MP2A	X	-30.645	6
164	MP2A	Z	-17.693	6
165	MP2A	Mx	-.023	6
166	MP2B	X	-55.886	6
167	MP2B	Z	-32.266	6
168	MP2B	Mx	0	6
169	MP2C	X	-30.645	6
170	MP2C	Z	-17.693	6
171	MP2C	Mx	.023	6
172	MP5.5A	X	-120.791	.33
173	MP5.5A	Z	-69.739	.33
174	MP5.5A	Mx	.081	.33
175	MP5.5A	X	-120.791	4.33
176	MP5.5A	Z	-69.739	4.33
177	MP5.5A	Mx	.081	4.33
178	MP5.5A	X	-30.645	7.5
179	MP5.5A	Z	-17.693	7.5
180	MP5.5A	Mx	-.023	7.5
181	MP5.5A	X	-86.95	10.64
182	MP5.5A	Z	-50.201	10.64
183	MP5.5A	Mx	-.065	10.64
184	MP5.5B	X	-137.684	.33
185	MP5.5B	Z	-79.492	.33
186	MP5.5B	Mx	0	.33
187	MP5.5B	X	-137.684	4.33
188	MP5.5B	Z	-79.492	4.33
189	MP5.5B	Mx	0	4.33
190	MP5.5B	X	-55.886	7.5
191	MP5.5B	Z	-32.266	7.5
192	MP5.5B	Mx	0	7.5
193	MP5.5B	X	-87.047	10.64
194	MP5.5B	Z	-50.257	10.64
195	MP5.5B	Mx	0	10.64
196	MP5.5C	X	-120.791	.33
197	MP5.5C	Z	-69.739	.33
198	MP5.5C	Mx	-.081	.33
199	MP5.5C	X	-120.791	4.33
200	MP5.5C	Z	-69.739	4.33
201	MP5.5C	Mx	-.081	4.33
202	MP5.5C	X	-30.645	7.5
203	MP5.5C	Z	-17.693	7.5
204	MP5.5C	Mx	.023	7.5
205	MP5.5C	X	-86.95	10.64
206	MP5.5C	Z	-50.201	10.64
207	MP5.5C	Mx	.065	10.64

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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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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	-93.942	12.93
2	MP2A	Z	-162.713	12.93
3	MP2A	Mx	-.141	12.93
4	MP2A	X	-93.942	15.74
5	MP2A	Z	-162.713	15.74
6	MP2A	Mx	-.141	15.74
7	MP2B	X	-75.867	12.93
8	MP2B	Z	-131.406	12.93
9	MP2B	Mx	.145	12.93
10	MP2B	X	-75.867	15.74
11	MP2B	Z	-131.406	15.74
12	MP2B	Mx	.145	15.74
13	MP2C	X	-75.867	12.93
14	MP2C	Z	-131.406	12.93
15	MP2C	Mx	-.031	12.93
16	MP2C	X	-75.867	15.74
17	MP2C	Z	-131.406	15.74
18	MP2C	Mx	-.031	15.74
19	MP2A	X	-93.942	12.93
20	MP2A	Z	-162.713	12.93
21	MP2A	Mx	.141	12.93
22	MP2A	X	-93.942	15.74
23	MP2A	Z	-162.713	15.74
24	MP2A	Mx	.141	15.74
25	MP2B	X	-75.867	12.93
26	MP2B	Z	-131.406	12.93
27	MP2B	Mx	.031	12.93
28	MP2B	X	-75.867	15.74
29	MP2B	Z	-131.406	15.74
30	MP2B	Mx	.031	15.74
31	MP2C	X	-75.867	12.93
32	MP2C	Z	-131.406	12.93
33	MP2C	Mx	-.145	12.93
34	MP2C	X	-75.867	15.74
35	MP2C	Z	-131.406	15.74
36	MP2C	Mx	-.145	15.74
37	MP4A	X	-44.734	13.37
38	MP4A	Z	-77.482	13.37
39	MP4A	Mx	0	13.37
40	MP4A	X	-44.734	15.3
41	MP4A	Z	-77.482	15.3
42	MP4A	Mx	0	15.3
43	MP4B	X	-24.319	13.37
44	MP4B	Z	-42.121	13.37
45	MP4B	Mx	.028	13.37
46	MP4B	X	-24.319	15.3
47	MP4B	Z	-42.121	15.3
48	MP4B	Mx	.028	15.3
49	MP4C	X	-24.319	13.37
50	MP4C	Z	-42.121	13.37
51	MP4C	Mx	-.028	13.37
52	MP4C	X	-24.319	15.3
53	MP4C	Z	-42.121	15.3
54	MP4C	Mx	-.028	15.3
55	MP2A	X	-32.647	11.13
56	MP2A	Z	-56.546	11.13
57	MP2A	Mx	-.027	11.13



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
58	MP2B	X	-32.647	11.13
59	MP2B	Z	-56.546	11.13
60	MP2B	Mx	-.027	11.13
61	MP2C	X	-23.795	11.13
62	MP2C	Z	-41.214	11.13
63	MP2C	Mx	.04	11.13
64	MP2A	X	-31.516	9.13
65	MP2A	Z	-54.588	9.13
66	MP2A	Mx	-.026	9.13
67	MP2B	X	-31.516	9.13
68	MP2B	Z	-54.588	9.13
69	MP2B	Mx	-.026	9.13
70	MP2C	X	-19.274	9.13
71	MP2C	Z	-33.383	9.13
72	MP2C	Mx	.032	9.13
73	MP1A	X	-67.102	.53
74	MP1A	Z	-116.223	.53
75	MP1A	Mx	0	.53
76	MP1A	X	-67.102	5.53
77	MP1A	Z	-116.223	5.53
78	MP1A	Mx	0	5.53
79	MP1B	X	-60.736	.53
80	MP1B	Z	-105.199	.53
81	MP1B	Mx	.07	.53
82	MP1B	X	-60.736	5.53
83	MP1B	Z	-105.199	5.53
84	MP1B	Mx	.07	5.53
85	MP5A	X	-67.102	.53
86	MP5A	Z	-116.223	.53
87	MP5A	Mx	0	.53
88	MP5A	X	-67.102	5.53
89	MP5A	Z	-116.223	5.53
90	MP5A	Mx	0	5.53
91	MP5B	X	-60.736	.53
92	MP5B	Z	-105.199	.53
93	MP5B	Mx	.07	.53
94	MP5B	X	-60.736	5.53
95	MP5B	Z	-105.199	5.53
96	MP5B	Mx	.07	5.53
97	MP1C	X	-71.896	.58
98	MP1C	Z	-124.528	.58
99	MP1C	Mx	-.083	.58
100	MP1C	X	-71.896	5.49
101	MP1C	Z	-124.528	5.49
102	MP1C	Mx	-.083	5.49
103	MP5C	X	-71.896	.58
104	MP5C	Z	-124.528	.58
105	MP5C	Mx	-.083	.58
106	MP5C	X	-71.896	5.49
107	MP5C	Z	-124.528	5.49
108	MP5C	Mx	-.083	5.49
109	MP0.5A	X	-31.755	.92
110	MP0.5A	Z	-55.002	.92
111	MP0.5A	Mx	.021	.92
112	MP0.5A	X	-31.755	3.75
113	MP0.5A	Z	-55.002	3.75
114	MP0.5A	Mx	.021	3.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
115	MP0.5A	X	-1.693	6
116	MP0.5A	Z	-2.933	6
117	MP0.5A	Mx	-.000564	6
118	MP0.5A	X	-1.693	6
119	MP0.5A	Z	-2.933	6
120	MP0.5A	Mx	.000564	6
121	MP0.5B	X	-31.755	.92
122	MP0.5B	Z	-55.002	.92
123	MP0.5B	Mx	.021	.92
124	MP0.5B	X	-31.755	3.75
125	MP0.5B	Z	-55.002	3.75
126	MP0.5B	Mx	.021	3.75
127	MP0.5B	X	-1.693	6
128	MP0.5B	Z	-2.933	6
129	MP0.5B	Mx	-.000565	6
130	MP0.5B	X	-1.693	6
131	MP0.5B	Z	-2.933	6
132	MP0.5B	Mx	.000565	6
133	MP0.5C	X	-22.597	.92
134	MP0.5C	Z	-39.139	.92
135	MP0.5C	Mx	-.03	.92
136	MP0.5C	X	-22.597	3.75
137	MP0.5C	Z	-39.139	3.75
138	MP0.5C	Mx	-.03	3.75
139	MP0.5C	X	-6.772	6
140	MP0.5C	Z	-11.73	6
141	MP0.5C	Mx	.005	6
142	MP0.5C	X	-6.772	6
143	MP0.5C	Z	-11.73	6
144	MP0.5C	Mx	-.005	6
145	MP2A	X	-83.002	.32
146	MP2A	Z	-143.764	.32
147	MP2A	Mx	.055	.32
148	MP2A	X	-83.002	4.35
149	MP2A	Z	-143.764	4.35
150	MP2A	Mx	.055	4.35
151	MP2B	X	-83.002	.32
152	MP2B	Z	-143.764	.32
153	MP2B	Mx	.055	.32
154	MP2B	X	-83.002	4.35
155	MP2B	Z	-143.764	4.35
156	MP2B	Mx	.055	4.35
157	MP2C	X	-53.641	.32
158	MP2C	Z	-92.909	.32
159	MP2C	Mx	-.072	.32
160	MP2C	X	-53.641	4.35
161	MP2C	Z	-92.909	4.35
162	MP2C	Mx	-.072	4.35
163	MP2A	X	-27.408	6
164	MP2A	Z	-47.473	6
165	MP2A	Mx	-.021	6
166	MP2B	X	-27.408	6
167	MP2B	Z	-47.473	6
168	MP2B	Mx	-.021	6
169	MP2C	X	-12.835	6
170	MP2C	Z	-22.231	6
171	MP2C	Mx	.019	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
172	MP5.5A	X	-76.241	.33
173	MP5.5A	Z	-132.053	.33
174	MP5.5A	Mx	.051	.33
175	MP5.5A	X	-76.241	4.33
176	MP5.5A	Z	-132.053	4.33
177	MP5.5A	Mx	.051	4.33
178	MP5.5A	X	-27.408	7.5
179	MP5.5A	Z	-47.473	7.5
180	MP5.5A	Mx	-.021	7.5
181	MP5.5A	X	-50.238	10.64
182	MP5.5A	Z	-87.015	10.64
183	MP5.5A	Mx	-.038	10.64
184	MP5.5B	X	-76.241	.33
185	MP5.5B	Z	-132.053	.33
186	MP5.5B	Mx	.051	.33
187	MP5.5B	X	-76.241	4.33
188	MP5.5B	Z	-132.053	4.33
189	MP5.5B	Mx	.051	4.33
190	MP5.5B	X	-27.408	7.5
191	MP5.5B	Z	-47.473	7.5
192	MP5.5B	Mx	-.021	7.5
193	MP5.5B	X	-50.238	10.64
194	MP5.5B	Z	-87.015	10.64
195	MP5.5B	Mx	-.038	10.64
196	MP5.5C	X	-66.488	.33
197	MP5.5C	Z	-115.16	.33
198	MP5.5C	Mx	-.089	.33
199	MP5.5C	X	-66.488	4.33
200	MP5.5C	Z	-115.16	4.33
201	MP5.5C	Mx	-.089	4.33
202	MP5.5C	X	-12.835	7.5
203	MP5.5C	Z	-22.231	7.5
204	MP5.5C	Mx	.019	7.5
205	MP5.5C	X	-50.182	10.64
206	MP5.5C	Z	-86.917	10.64
207	MP5.5C	Mx	.075	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	0	12.93
2	MP2A	Z	-33.834	12.93
3	MP2A	Mx	-.033	12.93
4	MP2A	X	0	15.74
5	MP2A	Z	-33.834	15.74
6	MP2A	Mx	-.033	15.74
7	MP2B	X	0	12.93
8	MP2B	Z	-27.237	12.93
9	MP2B	Mx	.018	12.93
10	MP2B	X	0	15.74
11	MP2B	Z	-27.237	15.74
12	MP2B	Mx	.018	15.74
13	MP2C	X	0	12.93
14	MP2C	Z	-33.834	12.93
15	MP2C	Mx	.011	12.93
16	MP2C	X	0	15.74
17	MP2C	Z	-33.834	15.74



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
18	MP2C	Mx	.011	15.74
19	MP2A	X	0	12.93
20	MP2A	Z	-33.834	12.93
21	MP2A	Mx	.011	12.93
22	MP2A	X	0	15.74
23	MP2A	Z	-33.834	15.74
24	MP2A	Mx	.011	15.74
25	MP2B	X	0	12.93
26	MP2B	Z	-27.237	12.93
27	MP2B	Mx	.018	12.93
28	MP2B	X	0	15.74
29	MP2B	Z	-27.237	15.74
30	MP2B	Mx	.018	15.74
31	MP2C	X	0	12.93
32	MP2C	Z	-33.834	12.93
33	MP2C	Mx	-.033	12.93
34	MP2C	X	0	15.74
35	MP2C	Z	-33.834	15.74
36	MP2C	Mx	-.033	15.74
37	MP4A	X	0	13.37
38	MP4A	Z	-15.196	13.37
39	MP4A	Mx	-.005	13.37
40	MP4A	X	0	15.3
41	MP4A	Z	-15.196	15.3
42	MP4A	Mx	-.005	15.3
43	MP4B	X	0	13.37
44	MP4B	Z	-7.533	13.37
45	MP4B	Mx	.005	13.37
46	MP4B	X	0	15.3
47	MP4B	Z	-7.533	15.3
48	MP4B	Mx	.005	15.3
49	MP4C	X	0	13.37
50	MP4C	Z	-15.196	13.37
51	MP4C	Mx	-.005	13.37
52	MP4C	X	0	15.3
53	MP4C	Z	-15.196	15.3
54	MP4C	Mx	-.005	15.3
55	MP2A	X	0	11.13
56	MP2A	Z	-14.924	11.13
57	MP2A	Mx	0	11.13
58	MP2B	X	0	11.13
59	MP2B	Z	-11.503	11.13
60	MP2B	Mx	-.008	11.13
61	MP2C	X	0	11.13
62	MP2C	Z	-11.503	11.13
63	MP2C	Mx	.008	11.13
64	MP2A	X	0	9.13
65	MP2A	Z	-14.924	9.13
66	MP2A	Mx	0	9.13
67	MP2B	X	0	9.13
68	MP2B	Z	-10.203	9.13
69	MP2B	Mx	-.007	9.13
70	MP2C	X	0	9.13
71	MP2C	Z	-10.203	9.13
72	MP2C	Mx	.007	9.13
73	MP1A	X	0	.53
74	MP1A	Z	-25.5	.53



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
75	MP1A	Mx	-.009	.53
76	MP1A	X	0	5.53
77	MP1A	Z	-25.5	5.53
78	MP1A	Mx	-.009	5.53
79	MP1B	X	0	.53
80	MP1B	Z	-23.352	.53
81	MP1B	Mx	.016	.53
82	MP1B	X	0	5.53
83	MP1B	Z	-23.352	5.53
84	MP1B	Mx	.016	5.53
85	MP5A	X	0	.53
86	MP5A	Z	-25.5	.53
87	MP5A	Mx	-.009	.53
88	MP5A	X	0	5.53
89	MP5A	Z	-25.5	5.53
90	MP5A	Mx	-.009	5.53
91	MP5B	X	0	.53
92	MP5B	Z	-23.352	.53
93	MP5B	Mx	.016	.53
94	MP5B	X	0	5.53
95	MP5B	Z	-23.352	5.53
96	MP5B	Mx	.016	5.53
97	MP1C	X	0	.58
98	MP1C	Z	-20.648	.58
99	MP1C	Mx	-.007	.58
100	MP1C	X	0	5.49
101	MP1C	Z	-20.648	5.49
102	MP1C	Mx	-.007	5.49
103	MP5C	X	0	.58
104	MP5C	Z	-20.648	.58
105	MP5C	Mx	-.007	.58
106	MP5C	X	0	5.49
107	MP5C	Z	-20.648	5.49
108	MP5C	Mx	-.007	5.49
109	MP0.5A	X	0	.92
110	MP0.5A	Z	-14.322	.92
111	MP0.5A	Mx	0	.92
112	MP0.5A	X	0	3.75
113	MP0.5A	Z	-14.322	3.75
114	MP0.5A	Mx	0	3.75
115	MP0.5A	X	0	6
116	MP0.5A	Z	-7.381	6
117	MP0.5A	Mx	0	6
118	MP0.5A	X	0	6
119	MP0.5A	Z	-7.381	6
120	MP0.5A	Mx	0	6
121	MP0.5B	X	0	.92
122	MP0.5B	Z	-10.988	.92
123	MP0.5B	Mx	.006	.92
124	MP0.5B	X	0	3.75
125	MP0.5B	Z	-10.988	3.75
126	MP0.5B	Mx	.006	3.75
127	MP0.5B	X	0	6
128	MP0.5B	Z	-4.616	6
129	MP0.5B	Mx	-.001	6
130	MP0.5B	X	0	6
131	MP0.5B	Z	-4.616	6



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]	
132	MP0.5B	Mx	.001	6
133	MP0.5C	X	0	.92
134	MP0.5C	Z	-10.988	.92
135	MP0.5C	Mx	-.006	.92
136	MP0.5C	X	0	3.75
137	MP0.5C	Z	-10.988	3.75
138	MP0.5C	Mx	-.006	3.75
139	MP0.5C	X	0	6
140	MP0.5C	Z	-4.616	6
141	MP0.5C	Mx	.001	6
142	MP0.5C	X	0	6
143	MP0.5C	Z	-4.616	6
144	MP0.5C	Mx	-.001	6
145	MP2A	X	0	.32
146	MP2A	Z	-35.694	.32
147	MP2A	Mx	0	.32
148	MP2A	X	0	4.35
149	MP2A	Z	-35.694	4.35
150	MP2A	Mx	0	4.35
151	MP2B	X	0	.32
152	MP2B	Z	-25.158	.32
153	MP2B	Mx	.015	.32
154	MP2B	X	0	4.35
155	MP2B	Z	-25.158	4.35
156	MP2B	Mx	.015	4.35
157	MP2C	X	0	.32
158	MP2C	Z	-25.158	.32
159	MP2C	Mx	-.015	.32
160	MP2C	X	0	4.35
161	MP2C	Z	-25.158	4.35
162	MP2C	Mx	-.015	4.35
163	MP2A	X	0	6
164	MP2A	Z	-13.872	6
165	MP2A	Mx	0	6
166	MP2B	X	0	6
167	MP2B	Z	-8.196	6
168	MP2B	Mx	-.005	6
169	MP2C	X	0	6
170	MP2C	Z	-8.196	6
171	MP2C	Mx	.005	6
172	MP5.5A	X	0	.33
173	MP5.5A	Z	-30.869	.33
174	MP5.5A	Mx	0	.33
175	MP5.5A	X	0	4.33
176	MP5.5A	Z	-30.869	4.33
177	MP5.5A	Mx	0	4.33
178	MP5.5A	X	0	7.5
179	MP5.5A	Z	-13.872	7.5
180	MP5.5A	Mx	0	7.5
181	MP5.5A	X	0	10.64
182	MP5.5A	Z	-9.417	10.64
183	MP5.5A	Mx	0	10.64
184	MP5.5B	X	0	.33
185	MP5.5B	Z	-27.355	.33
186	MP5.5B	Mx	.016	.33
187	MP5.5B	X	0	4.33
188	MP5.5B	Z	-27.355	4.33





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
189	MP5.5B	Mx	.016	4.33
190	MP5.5B	X	0	7.5
191	MP5.5B	Z	-8.196	7.5
192	MP5.5B	Mx	-.005	7.5
193	MP5.5B	X	0	10.64
194	MP5.5B	Z	-17.743	10.64
195	MP5.5B	Mx	-.012	10.64
196	MP5.5C	X	0	.33
197	MP5.5C	Z	-27.355	.33
198	MP5.5C	Mx	-.016	.33
199	MP5.5C	X	0	4.33
200	MP5.5C	Z	-27.355	4.33
201	MP5.5C	Mx	-.016	4.33
202	MP5.5C	X	0	7.5
203	MP5.5C	Z	-8.196	7.5
204	MP5.5C	Mx	.005	7.5
205	MP5.5C	X	0	10.64
206	MP5.5C	Z	-17.743	10.64
207	MP5.5C	Mx	.012	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	14.718	12.93
2	MP2A	Z	-25.492	12.93
3	MP2A	Mx	-.028	12.93
4	MP2A	X	14.718	15.74
5	MP2A	Z	-25.492	15.74
6	MP2A	Mx	-.028	15.74
7	MP2B	X	14.718	12.93
8	MP2B	Z	-25.492	12.93
9	MP2B	Mx	.006	12.93
10	MP2B	X	14.718	15.74
11	MP2B	Z	-25.492	15.74
12	MP2B	Mx	.006	15.74
13	MP2C	X	18.016	12.93
14	MP2C	Z	-31.205	12.93
15	MP2C	Mx	.027	12.93
16	MP2C	X	18.016	15.74
17	MP2C	Z	-31.205	15.74
18	MP2C	Mx	.027	15.74
19	MP2A	X	14.718	12.93
20	MP2A	Z	-25.492	12.93
21	MP2A	Mx	-.006	12.93
22	MP2A	X	14.718	15.74
23	MP2A	Z	-25.492	15.74
24	MP2A	Mx	-.006	15.74
25	MP2B	X	14.718	12.93
26	MP2B	Z	-25.492	12.93
27	MP2B	Mx	.028	12.93
28	MP2B	X	14.718	15.74
29	MP2B	Z	-25.492	15.74
30	MP2B	Mx	.028	15.74
31	MP2C	X	18.016	12.93
32	MP2C	Z	-31.205	12.93
33	MP2C	Mx	-.027	12.93
34	MP2C	X	18.016	15.74



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
35	MP2C	Z	-31.205	15.74
36	MP2C	Mx	-.027	15.74
37	MP4A	X	5.044	13.37
38	MP4A	Z	-8.736	13.37
39	MP4A	Mx	-.006	13.37
40	MP4A	X	5.044	15.3
41	MP4A	Z	-8.736	15.3
42	MP4A	Mx	-.006	15.3
43	MP4B	X	5.044	13.37
44	MP4B	Z	-8.736	13.37
45	MP4B	Mx	.006	13.37
46	MP4B	X	5.044	15.3
47	MP4B	Z	-8.736	15.3
48	MP4B	Mx	.006	15.3
49	MP4C	X	8.875	13.37
50	MP4C	Z	-15.373	13.37
51	MP4C	Mx	0	13.37
52	MP4C	X	8.875	15.3
53	MP4C	Z	-15.373	15.3
54	MP4C	Mx	0	15.3
55	MP2A	X	6.892	11.13
56	MP2A	Z	-11.937	11.13
57	MP2A	Mx	.006	11.13
58	MP2B	X	5.181	11.13
59	MP2B	Z	-8.974	11.13
60	MP2B	Mx	-.009	11.13
61	MP2C	X	6.892	11.13
62	MP2C	Z	-11.937	11.13
63	MP2C	Mx	.006	11.13
64	MP2A	X	6.675	9.13
65	MP2A	Z	-11.562	9.13
66	MP2A	Mx	.006	9.13
67	MP2B	X	4.315	9.13
68	MP2B	Z	-7.473	9.13
69	MP2B	Mx	-.007	9.13
70	MP2C	X	6.675	9.13
71	MP2C	Z	-11.562	9.13
72	MP2C	Mx	.006	9.13
73	MP1A	X	12.034	.53
74	MP1A	Z	-20.844	.53
75	MP1A	Mx	-.014	.53
76	MP1A	X	12.034	5.53
77	MP1A	Z	-20.844	5.53
78	MP1A	Mx	-.014	5.53
79	MP1B	X	12.034	.53
80	MP1B	Z	-20.844	.53
81	MP1B	Mx	.014	.53
82	MP1B	X	12.034	5.53
83	MP1B	Z	-20.844	5.53
84	MP1B	Mx	.014	5.53
85	MP5A	X	12.034	.53
86	MP5A	Z	-20.844	.53
87	MP5A	Mx	-.014	.53
88	MP5A	X	12.034	5.53
89	MP5A	Z	-20.844	5.53
90	MP5A	Mx	-.014	5.53
91	MP5B	X	12.034	.53



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
92	MP5B	Z	-20.844	.53
93	MP5B	Mx	.014	.53
94	MP5B	X	12.034	5.53
95	MP5B	Z	-20.844	5.53
96	MP5B	Mx	.014	5.53
97	MP1C	X	8.478	.58
98	MP1C	Z	-14.685	.58
99	MP1C	Mx	0	.58
100	MP1C	X	8.478	5.49
101	MP1C	Z	-14.685	5.49
102	MP1C	Mx	0	5.49
103	MP5C	X	8.478	.58
104	MP5C	Z	-14.685	.58
105	MP5C	Mx	0	.58
106	MP5C	X	8.478	5.49
107	MP5C	Z	-14.685	5.49
108	MP5C	Mx	0	5.49
109	MP0.5A	X	6.606	.92
110	MP0.5A	Z	-11.441	.92
111	MP0.5A	Mx	-.004	.92
112	MP0.5A	X	6.606	3.75
113	MP0.5A	Z	-11.441	3.75
114	MP0.5A	Mx	-.004	3.75
115	MP0.5A	X	3.23	6
116	MP0.5A	Z	-5.594	6
117	MP0.5A	Mx	.001	6
118	MP0.5A	X	3.23	6
119	MP0.5A	Z	-5.594	6
120	MP0.5A	Mx	-.001	6
121	MP0.5B	X	4.939	.92
122	MP0.5B	Z	-8.554	.92
123	MP0.5B	Mx	.007	.92
124	MP0.5B	X	4.939	3.75
125	MP0.5B	Z	-8.554	3.75
126	MP0.5B	Mx	.007	3.75
127	MP0.5B	X	1.847	6
128	MP0.5B	Z	-3.199	6
129	MP0.5B	Mx	-.001	6
130	MP0.5B	X	1.847	6
131	MP0.5B	Z	-3.199	6
132	MP0.5B	Mx	.001	6
133	MP0.5C	X	6.606	.92
134	MP0.5C	Z	-11.441	.92
135	MP0.5C	Mx	-.004	.92
136	MP0.5C	X	6.606	3.75
137	MP0.5C	Z	-11.441	3.75
138	MP0.5C	Mx	-.004	3.75
139	MP0.5C	X	3.23	6
140	MP0.5C	Z	-5.594	6
141	MP0.5C	Mx	.001	6
142	MP0.5C	X	3.23	6
143	MP0.5C	Z	-5.594	6
144	MP0.5C	Mx	-.001	6
145	MP2A	X	16.091	.32
146	MP2A	Z	-27.87	.32
147	MP2A	Mx	-.011	.32
148	MP2A	X	16.091	4.35



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]	
149	MP2A	Z	-27.87	4.35
150	MP2A	Mx	-.011	4.35
151	MP2B	X	10.823	.32
152	MP2B	Z	-18.746	.32
153	MP2B	Mx	.014	.32
154	MP2B	X	10.823	4.35
155	MP2B	Z	-18.746	4.35
156	MP2B	Mx	.014	4.35
157	MP2C	X	16.091	.32
158	MP2C	Z	-27.87	.32
159	MP2C	Mx	-.011	.32
160	MP2C	X	16.091	4.35
161	MP2C	Z	-27.87	4.35
162	MP2C	Mx	-.011	4.35
163	MP2A	X	5.99	6
164	MP2A	Z	-10.375	6
165	MP2A	Mx	.004	6
166	MP2B	X	3.152	6
167	MP2B	Z	-5.459	6
168	MP2B	Mx	-.005	6
169	MP2C	X	5.99	6
170	MP2C	Z	-10.375	6
171	MP2C	Mx	.004	6
172	MP5.5A	X	14.849	.33
173	MP5.5A	Z	-25.719	.33
174	MP5.5A	Mx	-.01	.33
175	MP5.5A	X	14.849	4.33
176	MP5.5A	Z	-25.719	4.33
177	MP5.5A	Mx	-.01	4.33
178	MP5.5A	X	5.99	7.5
179	MP5.5A	Z	-10.375	7.5
180	MP5.5A	Mx	.004	7.5
181	MP5.5A	X	6.096	10.64
182	MP5.5A	Z	-10.559	10.64
183	MP5.5A	Mx	.005	10.64
184	MP5.5B	X	13.092	.33
185	MP5.5B	Z	-22.676	.33
186	MP5.5B	Mx	.017	.33
187	MP5.5B	X	13.092	4.33
188	MP5.5B	Z	-22.676	4.33
189	MP5.5B	Mx	.017	4.33
190	MP5.5B	X	3.152	7.5
191	MP5.5B	Z	-5.459	7.5
192	MP5.5B	Mx	-.005	7.5
193	MP5.5B	X	10.259	10.64
194	MP5.5B	Z	-17.769	10.64
195	MP5.5B	Mx	-.015	10.64
196	MP5.5C	X	14.849	.33
197	MP5.5C	Z	-25.719	.33
198	MP5.5C	Mx	-.01	.33
199	MP5.5C	X	14.849	4.33
200	MP5.5C	Z	-25.719	4.33
201	MP5.5C	Mx	-.01	4.33
202	MP5.5C	X	5.99	7.5
203	MP5.5C	Z	-10.375	7.5
204	MP5.5C	Mx	.004	7.5
205	MP5.5C	X	6.096	10.64



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
206	MP5.5C	Z	-10.559	10.64
207	MP5.5C	Mx	.005	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	23.588	12.93
2	MP2A	Z	-13.618	12.93
3	MP2A	Mx	-.018	12.93
4	MP2A	X	23.588	15.74
5	MP2A	Z	-13.618	15.74
6	MP2A	Mx	-.018	15.74
7	MP2B	X	29.301	12.93
8	MP2B	Z	-16.917	12.93
9	MP2B	Mx	-.011	12.93
10	MP2B	X	29.301	15.74
11	MP2B	Z	-16.917	15.74
12	MP2B	Mx	-.011	15.74
13	MP2C	X	29.301	12.93
14	MP2C	Z	-16.917	12.93
15	MP2C	Mx	.033	12.93
16	MP2C	X	29.301	15.74
17	MP2C	Z	-16.917	15.74
18	MP2C	Mx	.033	15.74
19	MP2A	X	23.588	12.93
20	MP2A	Z	-13.618	12.93
21	MP2A	Mx	-.018	12.93
22	MP2A	X	23.588	15.74
23	MP2A	Z	-13.618	15.74
24	MP2A	Mx	-.018	15.74
25	MP2B	X	29.301	12.93
26	MP2B	Z	-16.917	12.93
27	MP2B	Mx	.033	12.93
28	MP2B	X	29.301	15.74
29	MP2B	Z	-16.917	15.74
30	MP2B	Mx	.033	15.74
31	MP2C	X	29.301	12.93
32	MP2C	Z	-16.917	12.93
33	MP2C	Mx	-.011	12.93
34	MP2C	X	29.301	15.74
35	MP2C	Z	-16.917	15.74
36	MP2C	Mx	-.011	15.74
37	MP4A	X	6.523	13.37
38	MP4A	Z	-3.766	13.37
39	MP4A	Mx	-.005	13.37
40	MP4A	X	6.523	15.3
41	MP4A	Z	-3.766	15.3
42	MP4A	Mx	-.005	15.3
43	MP4B	X	13.16	13.37
44	MP4B	Z	-7.598	13.37
45	MP4B	Mx	.005	13.37
46	MP4B	X	13.16	15.3
47	MP4B	Z	-7.598	15.3
48	MP4B	Mx	.005	15.3
49	MP4C	X	13.16	13.37
50	MP4C	Z	-7.598	13.37
51	MP4C	Mx	.005	13.37



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
52	MP4C	X	13.16	15.3
53	MP4C	Z	-7.598	15.3
54	MP4C	Mx	.005	15.3
55	MP2A	X	9.962	11.13
56	MP2A	Z	-5.751	11.13
57	MP2A	Mx	.008	11.13
58	MP2B	X	9.962	11.13
59	MP2B	Z	-5.751	11.13
60	MP2B	Mx	-.008	11.13
61	MP2C	X	12.924	11.13
62	MP2C	Z	-7.462	11.13
63	MP2C	Mx	0	11.13
64	MP2A	X	8.836	9.13
65	MP2A	Z	-5.101	9.13
66	MP2A	Mx	.007	9.13
67	MP2B	X	8.836	9.13
68	MP2B	Z	-5.101	9.13
69	MP2B	Mx	-.007	9.13
70	MP2C	X	12.924	9.13
71	MP2C	Z	-7.462	9.13
72	MP2C	Mx	0	9.13
73	MP1A	X	20.223	.53
74	MP1A	Z	-11.676	.53
75	MP1A	Mx	-.016	.53
76	MP1A	X	20.223	5.53
77	MP1A	Z	-11.676	5.53
78	MP1A	Mx	-.016	5.53
79	MP1B	X	22.084	.53
80	MP1B	Z	-12.75	.53
81	MP1B	Mx	.009	.53
82	MP1B	X	22.084	5.53
83	MP1B	Z	-12.75	5.53
84	MP1B	Mx	.009	5.53
85	MP5A	X	20.223	.53
86	MP5A	Z	-11.676	.53
87	MP5A	Mx	-.016	.53
88	MP5A	X	20.223	5.53
89	MP5A	Z	-11.676	5.53
90	MP5A	Mx	-.016	5.53
91	MP5B	X	22.084	.53
92	MP5B	Z	-12.75	.53
93	MP5B	Mx	.009	.53
94	MP5B	X	22.084	5.53
95	MP5B	Z	-12.75	5.53
96	MP5B	Mx	.009	5.53
97	MP1C	X	17.881	.58
98	MP1C	Z	-10.324	.58
99	MP1C	Mx	.007	.58
100	MP1C	X	17.881	5.49
101	MP1C	Z	-10.324	5.49
102	MP1C	Mx	.007	5.49
103	MP5C	X	17.881	.58
104	MP5C	Z	-10.324	.58
105	MP5C	Mx	.007	.58
106	MP5C	X	17.881	5.49
107	MP5C	Z	-10.324	5.49
108	MP5C	Mx	.007	5.49



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
109	MP0.5A	X	9.516	.92
110	MP0.5A	Z	-5.494	.92
111	MP0.5A	Mx	-.006	.92
112	MP0.5A	X	9.516	3.75
113	MP0.5A	Z	-5.494	3.75
114	MP0.5A	Mx	-.006	3.75
115	MP0.5A	X	3.998	6
116	MP0.5A	Z	-2.308	6
117	MP0.5A	Mx	.001	6
118	MP0.5A	X	3.998	6
119	MP0.5A	Z	-2.308	6
120	MP0.5A	Mx	-.001	6
121	MP0.5B	X	9.516	.92
122	MP0.5B	Z	-5.494	.92
123	MP0.5B	Mx	.006	.92
124	MP0.5B	X	9.516	3.75
125	MP0.5B	Z	-5.494	3.75
126	MP0.5B	Mx	.006	3.75
127	MP0.5B	X	3.998	6
128	MP0.5B	Z	-2.308	6
129	MP0.5B	Mx	-.001	6
130	MP0.5B	X	3.998	6
131	MP0.5B	Z	-2.308	6
132	MP0.5B	Mx	.001	6
133	MP0.5C	X	12.403	.92
134	MP0.5C	Z	-7.161	.92
135	MP0.5C	Mx	0	.92
136	MP0.5C	X	12.403	3.75
137	MP0.5C	Z	-7.161	3.75
138	MP0.5C	Mx	0	3.75
139	MP0.5C	X	6.392	6
140	MP0.5C	Z	-3.691	6
141	MP0.5C	Mx	0	6
142	MP0.5C	X	6.392	6
143	MP0.5C	Z	-3.691	6
144	MP0.5C	Mx	0	6
145	MP2A	X	21.788	.32
146	MP2A	Z	-12.579	.32
147	MP2A	Mx	-.015	.32
148	MP2A	X	21.788	4.35
149	MP2A	Z	-12.579	4.35
150	MP2A	Mx	-.015	4.35
151	MP2B	X	21.788	.32
152	MP2B	Z	-12.579	.32
153	MP2B	Mx	.015	.32
154	MP2B	X	21.788	4.35
155	MP2B	Z	-12.579	4.35
156	MP2B	Mx	.015	4.35
157	MP2C	X	30.912	.32
158	MP2C	Z	-17.847	.32
159	MP2C	Mx	0	.32
160	MP2C	X	30.912	4.35
161	MP2C	Z	-17.847	4.35
162	MP2C	Mx	0	4.35
163	MP2A	X	7.098	6
164	MP2A	Z	-4.098	6
165	MP2A	Mx	.005	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
166	MP2B	X	7.098	6
167	MP2B	Z	-4.098	6
168	MP2B	Mx	-.005	6
169	MP2C	X	12.013	6
170	MP2C	Z	-6.936	6
171	MP2C	Mx	0	6
172	MP5.5A	X	23.69	.33
173	MP5.5A	Z	-13.678	.33
174	MP5.5A	Mx	-.016	.33
175	MP5.5A	X	23.69	4.33
176	MP5.5A	Z	-13.678	4.33
177	MP5.5A	Mx	-.016	4.33
178	MP5.5A	X	7.098	7.5
179	MP5.5A	Z	-4.098	7.5
180	MP5.5A	Mx	.005	7.5
181	MP5.5A	X	15.366	10.64
182	MP5.5A	Z	-8.871	10.64
183	MP5.5A	Mx	.012	10.64
184	MP5.5B	X	23.69	.33
185	MP5.5B	Z	-13.678	.33
186	MP5.5B	Mx	.016	.33
187	MP5.5B	X	23.69	4.33
188	MP5.5B	Z	-13.678	4.33
189	MP5.5B	Mx	.016	4.33
190	MP5.5B	X	7.098	7.5
191	MP5.5B	Z	-4.098	7.5
192	MP5.5B	Mx	-.005	7.5
193	MP5.5B	X	15.366	10.64
194	MP5.5B	Z	-8.871	10.64
195	MP5.5B	Mx	-.012	10.64
196	MP5.5C	X	26.733	.33
197	MP5.5C	Z	-15.434	.33
198	MP5.5C	Mx	0	.33
199	MP5.5C	X	26.733	4.33
200	MP5.5C	Z	-15.434	4.33
201	MP5.5C	Mx	0	4.33
202	MP5.5C	X	12.013	7.5
203	MP5.5C	Z	-6.936	7.5
204	MP5.5C	Mx	0	7.5
205	MP5.5C	X	8.155	10.64
206	MP5.5C	Z	-4.708	10.64
207	MP5.5C	Mx	0	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	29.436	12.93
2	MP2A	Z	0	12.93
3	MP2A	Mx	-.006	12.93
4	MP2A	X	29.436	15.74
5	MP2A	Z	0	15.74
6	MP2A	Mx	-.006	15.74
7	MP2B	X	36.032	12.93
8	MP2B	Z	0	12.93
9	MP2B	Mx	-.027	12.93
10	MP2B	X	36.032	15.74
11	MP2B	Z	0	15.74





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
12	MP2B	Mx	-.027	15.74
13	MP2C	X	29.436	12.93
14	MP2C	Z	0	12.93
15	MP2C	Mx	.028	12.93
16	MP2C	X	29.436	15.74
17	MP2C	Z	0	15.74
18	MP2C	Mx	.028	15.74
19	MP2A	X	29.436	12.93
20	MP2A	Z	0	12.93
21	MP2A	Mx	-.028	12.93
22	MP2A	X	29.436	15.74
23	MP2A	Z	0	15.74
24	MP2A	Mx	-.028	15.74
25	MP2B	X	36.032	12.93
26	MP2B	Z	0	12.93
27	MP2B	Mx	.027	12.93
28	MP2B	X	36.032	15.74
29	MP2B	Z	0	15.74
30	MP2B	Mx	.027	15.74
31	MP2C	X	29.436	12.93
32	MP2C	Z	0	12.93
33	MP2C	Mx	.006	12.93
34	MP2C	X	29.436	15.74
35	MP2C	Z	0	15.74
36	MP2C	Mx	.006	15.74
37	MP4A	X	10.087	13.37
38	MP4A	Z	0	13.37
39	MP4A	Mx	-.006	13.37
40	MP4A	X	10.087	15.3
41	MP4A	Z	0	15.3
42	MP4A	Mx	-.006	15.3
43	MP4B	X	17.751	13.37
44	MP4B	Z	0	13.37
45	MP4B	Mx	0	13.37
46	MP4B	X	17.751	15.3
47	MP4B	Z	0	15.3
48	MP4B	Mx	0	15.3
49	MP4C	X	10.087	13.37
50	MP4C	Z	0	13.37
51	MP4C	Mx	.006	13.37
52	MP4C	X	10.087	15.3
53	MP4C	Z	0	15.3
54	MP4C	Mx	.006	15.3
55	MP2A	X	10.363	11.13
56	MP2A	Z	0	11.13
57	MP2A	Mx	.009	11.13
58	MP2B	X	13.783	11.13
59	MP2B	Z	0	11.13
60	MP2B	Mx	-.006	11.13
61	MP2C	X	13.783	11.13
62	MP2C	Z	0	11.13
63	MP2C	Mx	-.006	11.13
64	MP2A	X	8.629	9.13
65	MP2A	Z	0	9.13
66	MP2A	Mx	.007	9.13
67	MP2B	X	13.35	9.13
68	MP2B	Z	0	9.13



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
69	MP2B	Mx	-.006	9.13
70	MP2C	X	13.35	9.13
71	MP2C	Z	0	9.13
72	MP2C	Mx	-.006	9.13
73	MP1A	X	24.068	.53
74	MP1A	Z	0	.53
75	MP1A	Mx	-.014	.53
76	MP1A	X	24.068	5.53
77	MP1A	Z	0	5.53
78	MP1A	Mx	-.014	5.53
79	MP1B	X	26.216	.53
80	MP1B	Z	0	.53
81	MP1B	Mx	0	.53
82	MP1B	X	26.216	5.53
83	MP1B	Z	0	5.53
84	MP1B	Mx	0	5.53
85	MP5A	X	24.068	.53
86	MP5A	Z	0	.53
87	MP5A	Mx	-.014	.53
88	MP5A	X	24.068	5.53
89	MP5A	Z	0	5.53
90	MP5A	Mx	-.014	5.53
91	MP5B	X	26.216	.53
92	MP5B	Z	0	.53
93	MP5B	Mx	0	.53
94	MP5B	X	26.216	5.53
95	MP5B	Z	0	5.53
96	MP5B	Mx	0	5.53
97	MP1C	X	28.03	.58
98	MP1C	Z	0	.58
99	MP1C	Mx	.016	.58
100	MP1C	X	28.03	5.49
101	MP1C	Z	0	5.49
102	MP1C	Mx	.016	5.49
103	MP5C	X	28.03	.58
104	MP5C	Z	0	.58
105	MP5C	Mx	.016	.58
106	MP5C	X	28.03	5.49
107	MP5C	Z	0	5.49
108	MP5C	Mx	.016	5.49
109	MP0.5A	X	9.877	.92
110	MP0.5A	Z	0	.92
111	MP0.5A	Mx	-.007	.92
112	MP0.5A	X	9.877	3.75
113	MP0.5A	Z	0	3.75
114	MP0.5A	Mx	-.007	3.75
115	MP0.5A	X	3.694	6
116	MP0.5A	Z	0	6
117	MP0.5A	Mx	.001	6
118	MP0.5A	X	3.694	6
119	MP0.5A	Z	0	6
120	MP0.5A	Mx	-.001	6
121	MP0.5B	X	13.211	.92
122	MP0.5B	Z	0	.92
123	MP0.5B	Mx	.004	.92
124	MP0.5B	X	13.211	3.75
125	MP0.5B	Z	0	3.75

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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
126	MP0.5B	Mx	.004 3.75
127	MP0.5B	X	6.46 6
128	MP0.5B	Z	0 6
129	MP0.5B	Mx	-.001 6
130	MP0.5B	X	6.46 6
131	MP0.5B	Z	0 6
132	MP0.5B	Mx	.001 6
133	MP0.5C	X	13.211 .92
134	MP0.5C	Z	0 .92
135	MP0.5C	Mx	.004 .92
136	MP0.5C	X	13.211 3.75
137	MP0.5C	Z	0 3.75
138	MP0.5C	Mx	.004 3.75
139	MP0.5C	X	6.46 6
140	MP0.5C	Z	0 6
141	MP0.5C	Mx	-.001 6
142	MP0.5C	X	6.46 6
143	MP0.5C	Z	0 6
144	MP0.5C	Mx	.001 6
145	MP2A	X	21.646 .32
146	MP2A	Z	0 .32
147	MP2A	Mx	-.014 .32
148	MP2A	X	21.646 4.35
149	MP2A	Z	0 4.35
150	MP2A	Mx	-.014 4.35
151	MP2B	X	32.182 .32
152	MP2B	Z	0 .32
153	MP2B	Mx	.011 .32
154	MP2B	X	32.182 4.35
155	MP2B	Z	0 4.35
156	MP2B	Mx	.011 4.35
157	MP2C	X	32.182 .32
158	MP2C	Z	0 .32
159	MP2C	Mx	.011 .32
160	MP2C	X	32.182 4.35
161	MP2C	Z	0 4.35
162	MP2C	Mx	.011 4.35
163	MP2A	X	6.304 6
164	MP2A	Z	0 6
165	MP2A	Mx	.005 6
166	MP2B	X	11.98 6
167	MP2B	Z	0 6
168	MP2B	Mx	-.004 6
169	MP2C	X	11.98 6
170	MP2C	Z	0 6
171	MP2C	Mx	-.004 6
172	MP5.5A	X	26.184 .33
173	MP5.5A	Z	0 .33
174	MP5.5A	Mx	-.017 .33
175	MP5.5A	X	26.184 4.33
176	MP5.5A	Z	0 4.33
177	MP5.5A	Mx	-.017 4.33
178	MP5.5A	X	6.304 7.5
179	MP5.5A	Z	0 7.5
180	MP5.5A	Mx	.005 7.5
181	MP5.5A	X	20.518 10.64
182	MP5.5A	Z	0 10.64



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
183	MP5.5A	Mx	.015	10.64
184	MP5.5B	X	29.697	.33
185	MP5.5B	Z	0	.33
186	MP5.5B	Mx	.01	.33
187	MP5.5B	X	29.697	4.33
188	MP5.5B	Z	0	4.33
189	MP5.5B	Mx	.01	4.33
190	MP5.5B	X	11.98	7.5
191	MP5.5B	Z	0	7.5
192	MP5.5B	Mx	-.004	7.5
193	MP5.5B	X	12.192	10.64
194	MP5.5B	Z	0	10.64
195	MP5.5B	Mx	-.005	10.64
196	MP5.5C	X	29.697	.33
197	MP5.5C	Z	0	.33
198	MP5.5C	Mx	.01	.33
199	MP5.5C	X	29.697	4.33
200	MP5.5C	Z	0	4.33
201	MP5.5C	Mx	.01	4.33
202	MP5.5C	X	11.98	7.5
203	MP5.5C	Z	0	7.5
204	MP5.5C	Mx	-.004	7.5
205	MP5.5C	X	12.192	10.64
206	MP5.5C	Z	0	10.64
207	MP5.5C	Mx	-.005	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	29.301	12.93
2	MP2A	Z	16.917	12.93
3	MP2A	Mx	.011	12.93
4	MP2A	X	29.301	15.74
5	MP2A	Z	16.917	15.74
6	MP2A	Mx	.011	15.74
7	MP2B	X	29.301	12.93
8	MP2B	Z	16.917	12.93
9	MP2B	Mx	-.033	12.93
10	MP2B	X	29.301	15.74
11	MP2B	Z	16.917	15.74
12	MP2B	Mx	-.033	15.74
13	MP2C	X	23.588	12.93
14	MP2C	Z	13.618	12.93
15	MP2C	Mx	.018	12.93
16	MP2C	X	23.588	15.74
17	MP2C	Z	13.618	15.74
18	MP2C	Mx	.018	15.74
19	MP2A	X	29.301	12.93
20	MP2A	Z	16.917	12.93
21	MP2A	Mx	-.033	12.93
22	MP2A	X	29.301	15.74
23	MP2A	Z	16.917	15.74
24	MP2A	Mx	-.033	15.74
25	MP2B	X	29.301	12.93
26	MP2B	Z	16.917	12.93
27	MP2B	Mx	.011	12.93
28	MP2B	X	29.301	15.74



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
29	MP2B	Z	16.917	15.74
30	MP2B	Mx	.011	15.74
31	MP2C	X	23.588	12.93
32	MP2C	Z	13.618	12.93
33	MP2C	Mx	.018	12.93
34	MP2C	X	23.588	15.74
35	MP2C	Z	13.618	15.74
36	MP2C	Mx	.018	15.74
37	MP4A	X	13.16	13.37
38	MP4A	Z	7.598	13.37
39	MP4A	Mx	-.005	13.37
40	MP4A	X	13.16	15.3
41	MP4A	Z	7.598	15.3
42	MP4A	Mx	-.005	15.3
43	MP4B	X	13.16	13.37
44	MP4B	Z	7.598	13.37
45	MP4B	Mx	-.005	13.37
46	MP4B	X	13.16	15.3
47	MP4B	Z	7.598	15.3
48	MP4B	Mx	-.005	15.3
49	MP4C	X	6.523	13.37
50	MP4C	Z	3.766	13.37
51	MP4C	Mx	.005	13.37
52	MP4C	X	6.523	15.3
53	MP4C	Z	3.766	15.3
54	MP4C	Mx	.005	15.3
55	MP2A	X	9.962	11.13
56	MP2A	Z	5.751	11.13
57	MP2A	Mx	.008	11.13
58	MP2B	X	12.924	11.13
59	MP2B	Z	7.462	11.13
60	MP2B	Mx	0	11.13
61	MP2C	X	9.962	11.13
62	MP2C	Z	5.751	11.13
63	MP2C	Mx	-.008	11.13
64	MP2A	X	8.836	9.13
65	MP2A	Z	5.101	9.13
66	MP2A	Mx	.007	9.13
67	MP2B	X	12.924	9.13
68	MP2B	Z	7.462	9.13
69	MP2B	Mx	0	9.13
70	MP2C	X	8.836	9.13
71	MP2C	Z	5.101	9.13
72	MP2C	Mx	-.007	9.13
73	MP1A	X	22.084	.53
74	MP1A	Z	12.75	.53
75	MP1A	Mx	-.009	.53
76	MP1A	X	22.084	5.53
77	MP1A	Z	12.75	5.53
78	MP1A	Mx	-.009	5.53
79	MP1B	X	22.084	.53
80	MP1B	Z	12.75	.53
81	MP1B	Mx	-.009	.53
82	MP1B	X	22.084	5.53
83	MP1B	Z	12.75	5.53
84	MP1B	Mx	-.009	5.53
85	MP5A	X	22.084	.53



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
86	MP5A	Z	12.75	.53
87	MP5A	Mx	-.009	.53
88	MP5A	X	22.084	5.53
89	MP5A	Z	12.75	5.53
90	MP5A	Mx	-.009	5.53
91	MP5B	X	22.084	.53
92	MP5B	Z	12.75	.53
93	MP5B	Mx	-.009	.53
94	MP5B	X	22.084	5.53
95	MP5B	Z	12.75	5.53
96	MP5B	Mx	-.009	5.53
97	MP1C	X	27.471	.58
98	MP1C	Z	15.861	.58
99	MP1C	Mx	.021	.58
100	MP1C	X	27.471	5.49
101	MP1C	Z	15.861	5.49
102	MP1C	Mx	.021	5.49
103	MP5C	X	27.471	.58
104	MP5C	Z	15.861	.58
105	MP5C	Mx	.021	.58
106	MP5C	X	27.471	5.49
107	MP5C	Z	15.861	5.49
108	MP5C	Mx	.021	5.49
109	MP0.5A	X	9.516	.92
110	MP0.5A	Z	5.494	.92
111	MP0.5A	Mx	-.006	.92
112	MP0.5A	X	9.516	3.75
113	MP0.5A	Z	5.494	3.75
114	MP0.5A	Mx	-.006	3.75
115	MP0.5A	X	3.998	6
116	MP0.5A	Z	2.308	6
117	MP0.5A	Mx	.001	6
118	MP0.5A	X	3.998	6
119	MP0.5A	Z	2.308	6
120	MP0.5A	Mx	-.001	6
121	MP0.5B	X	12.403	.92
122	MP0.5B	Z	7.161	.92
123	MP0.5B	Mx	0	.92
124	MP0.5B	X	12.403	3.75
125	MP0.5B	Z	7.161	3.75
126	MP0.5B	Mx	0	3.75
127	MP0.5B	X	6.392	6
128	MP0.5B	Z	3.691	6
129	MP0.5B	Mx	0	6
130	MP0.5B	X	6.392	6
131	MP0.5B	Z	3.691	6
132	MP0.5B	Mx	0	6
133	MP0.5C	X	9.516	.92
134	MP0.5C	Z	5.494	.92
135	MP0.5C	Mx	.006	.92
136	MP0.5C	X	9.516	3.75
137	MP0.5C	Z	5.494	3.75
138	MP0.5C	Mx	.006	3.75
139	MP0.5C	X	3.998	6
140	MP0.5C	Z	2.308	6
141	MP0.5C	Mx	-.001	6
142	MP0.5C	X	3.998	6



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
143	MP0.5C	Z	2.308	6
144	MP0.5C	Mx	.001	6
145	MP2A	X	21.788	.32
146	MP2A	Z	12.579	.32
147	MP2A	Mx	-.015	.32
148	MP2A	X	21.788	4.35
149	MP2A	Z	12.579	4.35
150	MP2A	Mx	-.015	4.35
151	MP2B	X	30.912	.32
152	MP2B	Z	17.847	.32
153	MP2B	Mx	0	.32
154	MP2B	X	30.912	4.35
155	MP2B	Z	17.847	4.35
156	MP2B	Mx	0	4.35
157	MP2C	X	21.788	.32
158	MP2C	Z	12.579	.32
159	MP2C	Mx	.015	.32
160	MP2C	X	21.788	4.35
161	MP2C	Z	12.579	4.35
162	MP2C	Mx	.015	4.35
163	MP2A	X	7.098	6
164	MP2A	Z	4.098	6
165	MP2A	Mx	.005	6
166	MP2B	X	12.013	6
167	MP2B	Z	6.936	6
168	MP2B	Mx	0	6
169	MP2C	X	7.098	6
170	MP2C	Z	4.098	6
171	MP2C	Mx	-.005	6
172	MP5.5A	X	23.69	.33
173	MP5.5A	Z	13.678	.33
174	MP5.5A	Mx	-.016	.33
175	MP5.5A	X	23.69	4.33
176	MP5.5A	Z	13.678	4.33
177	MP5.5A	Mx	-.016	4.33
178	MP5.5A	X	7.098	7.5
179	MP5.5A	Z	4.098	7.5
180	MP5.5A	Mx	.005	7.5
181	MP5.5A	X	15.366	10.64
182	MP5.5A	Z	8.871	10.64
183	MP5.5A	Mx	.012	10.64
184	MP5.5B	X	26.733	.33
185	MP5.5B	Z	15.434	.33
186	MP5.5B	Mx	0	.33
187	MP5.5B	X	26.733	4.33
188	MP5.5B	Z	15.434	4.33
189	MP5.5B	Mx	0	4.33
190	MP5.5B	X	12.013	7.5
191	MP5.5B	Z	6.936	7.5
192	MP5.5B	Mx	0	7.5
193	MP5.5B	X	8.155	10.64
194	MP5.5B	Z	4.708	10.64
195	MP5.5B	Mx	0	10.64
196	MP5.5C	X	23.69	.33
197	MP5.5C	Z	13.678	.33
198	MP5.5C	Mx	.016	.33
199	MP5.5C	X	23.69	4.33



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
200	MP5.5C	Z	13.678	4.33
201	MP5.5C	Mx	.016	4.33
202	MP5.5C	X	7.098	7.5
203	MP5.5C	Z	4.098	7.5
204	MP5.5C	Mx	-.005	7.5
205	MP5.5C	X	15.366	10.64
206	MP5.5C	Z	8.871	10.64
207	MP5.5C	Mx	-.012	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	18.016	12.93
2	MP2A	Z	31.205	12.93
3	MP2A	Mx	.027	12.93
4	MP2A	X	18.016	15.74
5	MP2A	Z	31.205	15.74
6	MP2A	Mx	.027	15.74
7	MP2B	X	14.718	12.93
8	MP2B	Z	25.492	12.93
9	MP2B	Mx	-.028	12.93
10	MP2B	X	14.718	15.74
11	MP2B	Z	25.492	15.74
12	MP2B	Mx	-.028	15.74
13	MP2C	X	14.718	12.93
14	MP2C	Z	25.492	12.93
15	MP2C	Mx	.006	12.93
16	MP2C	X	14.718	15.74
17	MP2C	Z	25.492	15.74
18	MP2C	Mx	.006	15.74
19	MP2A	X	18.016	12.93
20	MP2A	Z	31.205	12.93
21	MP2A	Mx	-.027	12.93
22	MP2A	X	18.016	15.74
23	MP2A	Z	31.205	15.74
24	MP2A	Mx	-.027	15.74
25	MP2B	X	14.718	12.93
26	MP2B	Z	25.492	12.93
27	MP2B	Mx	-.006	12.93
28	MP2B	X	14.718	15.74
29	MP2B	Z	25.492	15.74
30	MP2B	Mx	-.006	15.74
31	MP2C	X	14.718	12.93
32	MP2C	Z	25.492	12.93
33	MP2C	Mx	.028	12.93
34	MP2C	X	14.718	15.74
35	MP2C	Z	25.492	15.74
36	MP2C	Mx	.028	15.74
37	MP4A	X	8.875	13.37
38	MP4A	Z	15.373	13.37
39	MP4A	Mx	0	13.37
40	MP4A	X	8.875	15.3
41	MP4A	Z	15.373	15.3
42	MP4A	Mx	0	15.3
43	MP4B	X	5.044	13.37
44	MP4B	Z	8.736	13.37
45	MP4B	Mx	-.006	13.37





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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
46	MP4B	X	5.044	15.3
47	MP4B	Z	8.736	15.3
48	MP4B	Mx	-.006	15.3
49	MP4C	X	5.044	13.37
50	MP4C	Z	8.736	13.37
51	MP4C	Mx	.006	13.37
52	MP4C	X	5.044	15.3
53	MP4C	Z	8.736	15.3
54	MP4C	Mx	.006	15.3
55	MP2A	X	6.892	11.13
56	MP2A	Z	11.937	11.13
57	MP2A	Mx	.006	11.13
58	MP2B	X	6.892	11.13
59	MP2B	Z	11.937	11.13
60	MP2B	Mx	.006	11.13
61	MP2C	X	5.181	11.13
62	MP2C	Z	8.974	11.13
63	MP2C	Mx	-.009	11.13
64	MP2A	X	6.675	9.13
65	MP2A	Z	11.562	9.13
66	MP2A	Mx	.006	9.13
67	MP2B	X	6.675	9.13
68	MP2B	Z	11.562	9.13
69	MP2B	Mx	.006	9.13
70	MP2C	X	4.315	9.13
71	MP2C	Z	7.473	9.13
72	MP2C	Mx	-.007	9.13
73	MP1A	X	13.108	.53
74	MP1A	Z	22.704	.53
75	MP1A	Mx	0	.53
76	MP1A	X	13.108	5.53
77	MP1A	Z	22.704	5.53
78	MP1A	Mx	0	5.53
79	MP1B	X	12.034	.53
80	MP1B	Z	20.844	.53
81	MP1B	Mx	-.014	.53
82	MP1B	X	12.034	5.53
83	MP1B	Z	20.844	5.53
84	MP1B	Mx	-.014	5.53
85	MP5A	X	13.108	.53
86	MP5A	Z	22.704	.53
87	MP5A	Mx	0	.53
88	MP5A	X	13.108	5.53
89	MP5A	Z	22.704	5.53
90	MP5A	Mx	0	5.53
91	MP5B	X	12.034	.53
92	MP5B	Z	20.844	.53
93	MP5B	Mx	-.014	.53
94	MP5B	X	12.034	5.53
95	MP5B	Z	20.844	5.53
96	MP5B	Mx	-.014	5.53
97	MP1C	X	14.015	.58
98	MP1C	Z	24.275	.58
99	MP1C	Mx	.016	.58
100	MP1C	X	14.015	5.49
101	MP1C	Z	24.275	5.49
102	MP1C	Mx	.016	5.49



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
103	MP5C	X	14.015	.58
104	MP5C	Z	24.275	.58
105	MP5C	Mx	.016	.58
106	MP5C	X	14.015	5.49
107	MP5C	Z	24.275	5.49
108	MP5C	Mx	.016	5.49
109	MP0.5A	X	6.606	.92
110	MP0.5A	Z	11.441	.92
111	MP0.5A	Mx	-.004	.92
112	MP0.5A	X	6.606	3.75
113	MP0.5A	Z	11.441	3.75
114	MP0.5A	Mx	-.004	3.75
115	MP0.5A	X	3.23	6
116	MP0.5A	Z	5.594	6
117	MP0.5A	Mx	.001	6
118	MP0.5A	X	3.23	6
119	MP0.5A	Z	5.594	6
120	MP0.5A	Mx	-.001	6
121	MP0.5B	X	6.606	.92
122	MP0.5B	Z	11.441	.92
123	MP0.5B	Mx	-.004	.92
124	MP0.5B	X	6.606	3.75
125	MP0.5B	Z	11.441	3.75
126	MP0.5B	Mx	-.004	3.75
127	MP0.5B	X	3.23	6
128	MP0.5B	Z	5.594	6
129	MP0.5B	Mx	.001	6
130	MP0.5B	X	3.23	6
131	MP0.5B	Z	5.594	6
132	MP0.5B	Mx	-.001	6
133	MP0.5C	X	4.939	.92
134	MP0.5C	Z	8.554	.92
135	MP0.5C	Mx	.007	.92
136	MP0.5C	X	4.939	3.75
137	MP0.5C	Z	8.554	3.75
138	MP0.5C	Mx	.007	3.75
139	MP0.5C	X	1.847	6
140	MP0.5C	Z	3.199	6
141	MP0.5C	Mx	-.001	6
142	MP0.5C	X	1.847	6
143	MP0.5C	Z	3.199	6
144	MP0.5C	Mx	.001	6
145	MP2A	X	16.091	.32
146	MP2A	Z	27.87	.32
147	MP2A	Mx	-.011	.32
148	MP2A	X	16.091	4.35
149	MP2A	Z	27.87	4.35
150	MP2A	Mx	-.011	4.35
151	MP2B	X	16.091	.32
152	MP2B	Z	27.87	.32
153	MP2B	Mx	-.011	.32
154	MP2B	X	16.091	4.35
155	MP2B	Z	27.87	4.35
156	MP2B	Mx	-.011	4.35
157	MP2C	X	10.823	.32
158	MP2C	Z	18.746	.32
159	MP2C	Mx	.014	.32



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
160	MP2C	X	10.823	4.35
161	MP2C	Z	18.746	4.35
162	MP2C	Mx	.014	4.35
163	MP2A	X	5.99	6
164	MP2A	Z	10.375	6
165	MP2A	Mx	.004	6
166	MP2B	X	5.99	6
167	MP2B	Z	10.375	6
168	MP2B	Mx	.004	6
169	MP2C	X	3.152	6
170	MP2C	Z	5.459	6
171	MP2C	Mx	-.005	6
172	MP5.5A	X	14.849	.33
173	MP5.5A	Z	25.719	.33
174	MP5.5A	Mx	-.01	.33
175	MP5.5A	X	14.849	4.33
176	MP5.5A	Z	25.719	4.33
177	MP5.5A	Mx	-.01	4.33
178	MP5.5A	X	5.99	7.5
179	MP5.5A	Z	10.375	7.5
180	MP5.5A	Mx	.004	7.5
181	MP5.5A	X	6.096	10.64
182	MP5.5A	Z	10.559	10.64
183	MP5.5A	Mx	.005	10.64
184	MP5.5B	X	14.849	.33
185	MP5.5B	Z	25.719	.33
186	MP5.5B	Mx	-.01	.33
187	MP5.5B	X	14.849	4.33
188	MP5.5B	Z	25.719	4.33
189	MP5.5B	Mx	-.01	4.33
190	MP5.5B	X	5.99	7.5
191	MP5.5B	Z	10.375	7.5
192	MP5.5B	Mx	.004	7.5
193	MP5.5B	X	6.096	10.64
194	MP5.5B	Z	10.559	10.64
195	MP5.5B	Mx	.005	10.64
196	MP5.5C	X	13.092	.33
197	MP5.5C	Z	22.676	.33
198	MP5.5C	Mx	.017	.33
199	MP5.5C	X	13.092	4.33
200	MP5.5C	Z	22.676	4.33
201	MP5.5C	Mx	.017	4.33
202	MP5.5C	X	3.152	7.5
203	MP5.5C	Z	5.459	7.5
204	MP5.5C	Mx	-.005	7.5
205	MP5.5C	X	10.259	10.64
206	MP5.5C	Z	17.769	10.64
207	MP5.5C	Mx	-.015	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	0	12.93
2	MP2A	Z	33.834	12.93
3	MP2A	Mx	.033	12.93
4	MP2A	X	0	15.74
5	MP2A	Z	33.834	15.74



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
6	MP2A	Mx	.033	15.74
7	MP2B	X	0	12.93
8	MP2B	Z	27.237	12.93
9	MP2B	Mx	-.018	12.93
10	MP2B	X	0	15.74
11	MP2B	Z	27.237	15.74
12	MP2B	Mx	-.018	15.74
13	MP2C	X	0	12.93
14	MP2C	Z	33.834	12.93
15	MP2C	Mx	-.011	12.93
16	MP2C	X	0	15.74
17	MP2C	Z	33.834	15.74
18	MP2C	Mx	-.011	15.74
19	MP2A	X	0	12.93
20	MP2A	Z	33.834	12.93
21	MP2A	Mx	-.011	12.93
22	MP2A	X	0	15.74
23	MP2A	Z	33.834	15.74
24	MP2A	Mx	-.011	15.74
25	MP2B	X	0	12.93
26	MP2B	Z	27.237	12.93
27	MP2B	Mx	-.018	12.93
28	MP2B	X	0	15.74
29	MP2B	Z	27.237	15.74
30	MP2B	Mx	-.018	15.74
31	MP2C	X	0	12.93
32	MP2C	Z	33.834	12.93
33	MP2C	Mx	.033	12.93
34	MP2C	X	0	15.74
35	MP2C	Z	33.834	15.74
36	MP2C	Mx	.033	15.74
37	MP4A	X	0	13.37
38	MP4A	Z	15.196	13.37
39	MP4A	Mx	.005	13.37
40	MP4A	X	0	15.3
41	MP4A	Z	15.196	15.3
42	MP4A	Mx	.005	15.3
43	MP4B	X	0	13.37
44	MP4B	Z	7.533	13.37
45	MP4B	Mx	-.005	13.37
46	MP4B	X	0	15.3
47	MP4B	Z	7.533	15.3
48	MP4B	Mx	-.005	15.3
49	MP4C	X	0	13.37
50	MP4C	Z	15.196	13.37
51	MP4C	Mx	.005	13.37
52	MP4C	X	0	15.3
53	MP4C	Z	15.196	15.3
54	MP4C	Mx	.005	15.3
55	MP2A	X	0	11.13
56	MP2A	Z	14.924	11.13
57	MP2A	Mx	0	11.13
58	MP2B	X	0	11.13
59	MP2B	Z	11.503	11.13
60	MP2B	Mx	.008	11.13
61	MP2C	X	0	11.13
62	MP2C	Z	11.503	11.13



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
63	MP2C	Mx	-.008	11.13
64	MP2A	X	0	9.13
65	MP2A	Z	14.924	9.13
66	MP2A	Mx	0	9.13
67	MP2B	X	0	9.13
68	MP2B	Z	10.203	9.13
69	MP2B	Mx	.007	9.13
70	MP2C	X	0	9.13
71	MP2C	Z	10.203	9.13
72	MP2C	Mx	-.007	9.13
73	MP1A	X	0	.53
74	MP1A	Z	25.5	.53
75	MP1A	Mx	.009	.53
76	MP1A	X	0	5.53
77	MP1A	Z	25.5	5.53
78	MP1A	Mx	.009	5.53
79	MP1B	X	0	.53
80	MP1B	Z	23.352	.53
81	MP1B	Mx	-.016	.53
82	MP1B	X	0	5.53
83	MP1B	Z	23.352	5.53
84	MP1B	Mx	-.016	5.53
85	MP5A	X	0	.53
86	MP5A	Z	25.5	.53
87	MP5A	Mx	.009	.53
88	MP5A	X	0	5.53
89	MP5A	Z	25.5	5.53
90	MP5A	Mx	.009	5.53
91	MP5B	X	0	.53
92	MP5B	Z	23.352	.53
93	MP5B	Mx	-.016	.53
94	MP5B	X	0	5.53
95	MP5B	Z	23.352	5.53
96	MP5B	Mx	-.016	5.53
97	MP1C	X	0	.58
98	MP1C	Z	20.648	.58
99	MP1C	Mx	.007	.58
100	MP1C	X	0	5.49
101	MP1C	Z	20.648	5.49
102	MP1C	Mx	.007	5.49
103	MP5C	X	0	.58
104	MP5C	Z	20.648	.58
105	MP5C	Mx	.007	.58
106	MP5C	X	0	5.49
107	MP5C	Z	20.648	5.49
108	MP5C	Mx	.007	5.49
109	MP0.5A	X	0	.92
110	MP0.5A	Z	14.322	.92
111	MP0.5A	Mx	0	.92
112	MP0.5A	X	0	3.75
113	MP0.5A	Z	14.322	3.75
114	MP0.5A	Mx	0	3.75
115	MP0.5A	X	0	6
116	MP0.5A	Z	7.381	6
117	MP0.5A	Mx	0	6
118	MP0.5A	X	0	6
119	MP0.5A	Z	7.381	6



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
120	MP0.5A	Mx	0	6
121	MP0.5B	X	0	.92
122	MP0.5B	Z	10.988	.92
123	MP0.5B	Mx	-.006	.92
124	MP0.5B	X	0	3.75
125	MP0.5B	Z	10.988	3.75
126	MP0.5B	Mx	-.006	3.75
127	MP0.5B	X	0	6
128	MP0.5B	Z	4.616	6
129	MP0.5B	Mx	.001	6
130	MP0.5B	X	0	6
131	MP0.5B	Z	4.616	6
132	MP0.5B	Mx	-.001	6
133	MP0.5C	X	0	.92
134	MP0.5C	Z	10.988	.92
135	MP0.5C	Mx	.006	.92
136	MP0.5C	X	0	3.75
137	MP0.5C	Z	10.988	3.75
138	MP0.5C	Mx	.006	3.75
139	MP0.5C	X	0	6
140	MP0.5C	Z	4.616	6
141	MP0.5C	Mx	-.001	6
142	MP0.5C	X	0	6
143	MP0.5C	Z	4.616	6
144	MP0.5C	Mx	.001	6
145	MP2A	X	0	.32
146	MP2A	Z	35.694	.32
147	MP2A	Mx	0	.32
148	MP2A	X	0	4.35
149	MP2A	Z	35.694	4.35
150	MP2A	Mx	0	4.35
151	MP2B	X	0	.32
152	MP2B	Z	25.158	.32
153	MP2B	Mx	-.015	.32
154	MP2B	X	0	4.35
155	MP2B	Z	25.158	4.35
156	MP2B	Mx	-.015	4.35
157	MP2C	X	0	.32
158	MP2C	Z	25.158	.32
159	MP2C	Mx	.015	.32
160	MP2C	X	0	4.35
161	MP2C	Z	25.158	4.35
162	MP2C	Mx	.015	4.35
163	MP2A	X	0	6
164	MP2A	Z	13.872	6
165	MP2A	Mx	0	6
166	MP2B	X	0	6
167	MP2B	Z	8.196	6
168	MP2B	Mx	.005	6
169	MP2C	X	0	6
170	MP2C	Z	8.196	6
171	MP2C	Mx	-.005	6
172	MP5.5A	X	0	.33
173	MP5.5A	Z	30.869	.33
174	MP5.5A	Mx	0	.33
175	MP5.5A	X	0	4.33
176	MP5.5A	Z	30.869	4.33



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
177	MP5.5A	Mx	0	4.33
178	MP5.5A	X	0	7.5
179	MP5.5A	Z	13.872	7.5
180	MP5.5A	Mx	0	7.5
181	MP5.5A	X	0	10.64
182	MP5.5A	Z	9.417	10.64
183	MP5.5A	Mx	0	10.64
184	MP5.5B	X	0	.33
185	MP5.5B	Z	27.355	.33
186	MP5.5B	Mx	-.016	.33
187	MP5.5B	X	0	4.33
188	MP5.5B	Z	27.355	4.33
189	MP5.5B	Mx	-.016	4.33
190	MP5.5B	X	0	7.5
191	MP5.5B	Z	8.196	7.5
192	MP5.5B	Mx	.005	7.5
193	MP5.5B	X	0	10.64
194	MP5.5B	Z	17.743	10.64
195	MP5.5B	Mx	.012	10.64
196	MP5.5C	X	0	.33
197	MP5.5C	Z	27.355	.33
198	MP5.5C	Mx	.016	.33
199	MP5.5C	X	0	4.33
200	MP5.5C	Z	27.355	4.33
201	MP5.5C	Mx	.016	4.33
202	MP5.5C	X	0	7.5
203	MP5.5C	Z	8.196	7.5
204	MP5.5C	Mx	-.005	7.5
205	MP5.5C	X	0	10.64
206	MP5.5C	Z	17.743	10.64
207	MP5.5C	Mx	-.012	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-14.718	12.93
2	MP2A	Z	25.492	12.93
3	MP2A	Mx	.028	12.93
4	MP2A	X	-14.718	15.74
5	MP2A	Z	25.492	15.74
6	MP2A	Mx	.028	15.74
7	MP2B	X	-14.718	12.93
8	MP2B	Z	25.492	12.93
9	MP2B	Mx	-.006	12.93
10	MP2B	X	-14.718	15.74
11	MP2B	Z	25.492	15.74
12	MP2B	Mx	-.006	15.74
13	MP2C	X	-18.016	12.93
14	MP2C	Z	31.205	12.93
15	MP2C	Mx	-.027	12.93
16	MP2C	X	-18.016	15.74
17	MP2C	Z	31.205	15.74
18	MP2C	Mx	-.027	15.74
19	MP2A	X	-14.718	12.93
20	MP2A	Z	25.492	12.93
21	MP2A	Mx	.006	12.93
22	MP2A	X	-14.718	15.74



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
23	MP2A	Z	25.492	15.74
24	MP2A	Mx	.006	15.74
25	MP2B	X	-14.718	12.93
26	MP2B	Z	25.492	12.93
27	MP2B	Mx	-.028	12.93
28	MP2B	X	-14.718	15.74
29	MP2B	Z	25.492	15.74
30	MP2B	Mx	-.028	15.74
31	MP2C	X	-18.016	12.93
32	MP2C	Z	31.205	12.93
33	MP2C	Mx	.027	12.93
34	MP2C	X	-18.016	15.74
35	MP2C	Z	31.205	15.74
36	MP2C	Mx	.027	15.74
37	MP4A	X	-5.044	13.37
38	MP4A	Z	8.736	13.37
39	MP4A	Mx	.006	13.37
40	MP4A	X	-5.044	15.3
41	MP4A	Z	8.736	15.3
42	MP4A	Mx	.006	15.3
43	MP4B	X	-5.044	13.37
44	MP4B	Z	8.736	13.37
45	MP4B	Mx	-.006	13.37
46	MP4B	X	-5.044	15.3
47	MP4B	Z	8.736	15.3
48	MP4B	Mx	-.006	15.3
49	MP4C	X	-8.875	13.37
50	MP4C	Z	15.373	13.37
51	MP4C	Mx	0	13.37
52	MP4C	X	-8.875	15.3
53	MP4C	Z	15.373	15.3
54	MP4C	Mx	0	15.3
55	MP2A	X	-6.892	11.13
56	MP2A	Z	11.937	11.13
57	MP2A	Mx	-.006	11.13
58	MP2B	X	-5.181	11.13
59	MP2B	Z	8.974	11.13
60	MP2B	Mx	.009	11.13
61	MP2C	X	-6.892	11.13
62	MP2C	Z	11.937	11.13
63	MP2C	Mx	-.006	11.13
64	MP2A	X	-6.675	9.13
65	MP2A	Z	11.562	9.13
66	MP2A	Mx	-.006	9.13
67	MP2B	X	-4.315	9.13
68	MP2B	Z	7.473	9.13
69	MP2B	Mx	.007	9.13
70	MP2C	X	-6.675	9.13
71	MP2C	Z	11.562	9.13
72	MP2C	Mx	-.006	9.13
73	MP1A	X	-12.034	.53
74	MP1A	Z	20.844	.53
75	MP1A	Mx	.014	.53
76	MP1A	X	-12.034	5.53
77	MP1A	Z	20.844	5.53
78	MP1A	Mx	.014	5.53
79	MP1B	X	-12.034	.53



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
80	MP1B	Z	20.844 .53
81	MP1B	Mx	-.014 .53
82	MP1B	X	-12.034 5.53
83	MP1B	Z	20.844 5.53
84	MP1B	Mx	-.014 5.53
85	MP5A	X	-12.034 .53
86	MP5A	Z	20.844 .53
87	MP5A	Mx	.014 .53
88	MP5A	X	-12.034 5.53
89	MP5A	Z	20.844 5.53
90	MP5A	Mx	.014 5.53
91	MP5B	X	-12.034 .53
92	MP5B	Z	20.844 .53
93	MP5B	Mx	-.014 .53
94	MP5B	X	-12.034 5.53
95	MP5B	Z	20.844 5.53
96	MP5B	Mx	-.014 5.53
97	MP1C	X	-8.478 .58
98	MP1C	Z	14.685 .58
99	MP1C	Mx	0 .58
100	MP1C	X	-8.478 5.49
101	MP1C	Z	14.685 5.49
102	MP1C	Mx	0 5.49
103	MP5C	X	-8.478 .58
104	MP5C	Z	14.685 .58
105	MP5C	Mx	0 .58
106	MP5C	X	-8.478 5.49
107	MP5C	Z	14.685 5.49
108	MP5C	Mx	0 5.49
109	MP0.5A	X	-6.606 .92
110	MP0.5A	Z	11.441 .92
111	MP0.5A	Mx	.004 .92
112	MP0.5A	X	-6.606 3.75
113	MP0.5A	Z	11.441 3.75
114	MP0.5A	Mx	.004 3.75
115	MP0.5A	X	-3.23 6
116	MP0.5A	Z	5.594 6
117	MP0.5A	Mx	-.001 6
118	MP0.5A	X	-3.23 6
119	MP0.5A	Z	5.594 6
120	MP0.5A	Mx	.001 6
121	MP0.5B	X	-4.939 .92
122	MP0.5B	Z	8.554 .92
123	MP0.5B	Mx	-.007 .92
124	MP0.5B	X	-4.939 3.75
125	MP0.5B	Z	8.554 3.75
126	MP0.5B	Mx	-.007 3.75
127	MP0.5B	X	-1.847 6
128	MP0.5B	Z	3.199 6
129	MP0.5B	Mx	.001 6
130	MP0.5B	X	-1.847 6
131	MP0.5B	Z	3.199 6
132	MP0.5B	Mx	-.001 6
133	MP0.5C	X	-6.606 .92
134	MP0.5C	Z	11.441 .92
135	MP0.5C	Mx	.004 .92
136	MP0.5C	X	-6.606 3.75



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
137	MP0.5C	Z	11.441	3.75
138	MP0.5C	Mx	.004	3.75
139	MP0.5C	X	-3.23	6
140	MP0.5C	Z	5.594	6
141	MP0.5C	Mx	-.001	6
142	MP0.5C	X	-3.23	6
143	MP0.5C	Z	5.594	6
144	MP0.5C	Mx	.001	6
145	MP2A	X	-16.091	.32
146	MP2A	Z	27.87	.32
147	MP2A	Mx	.011	.32
148	MP2A	X	-16.091	4.35
149	MP2A	Z	27.87	4.35
150	MP2A	Mx	.011	4.35
151	MP2B	X	-10.823	.32
152	MP2B	Z	18.746	.32
153	MP2B	Mx	-.014	.32
154	MP2B	X	-10.823	4.35
155	MP2B	Z	18.746	4.35
156	MP2B	Mx	-.014	4.35
157	MP2C	X	-16.091	.32
158	MP2C	Z	27.87	.32
159	MP2C	Mx	.011	.32
160	MP2C	X	-16.091	4.35
161	MP2C	Z	27.87	4.35
162	MP2C	Mx	.011	4.35
163	MP2A	X	-5.99	6
164	MP2A	Z	10.375	6
165	MP2A	Mx	-.004	6
166	MP2B	X	-3.152	6
167	MP2B	Z	5.459	6
168	MP2B	Mx	.005	6
169	MP2C	X	-5.99	6
170	MP2C	Z	10.375	6
171	MP2C	Mx	-.004	6
172	MP5.5A	X	-14.849	.33
173	MP5.5A	Z	25.719	.33
174	MP5.5A	Mx	.01	.33
175	MP5.5A	X	-14.849	4.33
176	MP5.5A	Z	25.719	4.33
177	MP5.5A	Mx	.01	4.33
178	MP5.5A	X	-5.99	7.5
179	MP5.5A	Z	10.375	7.5
180	MP5.5A	Mx	-.004	7.5
181	MP5.5A	X	-6.096	10.64
182	MP5.5A	Z	10.559	10.64
183	MP5.5A	Mx	-.005	10.64
184	MP5.5B	X	-13.092	.33
185	MP5.5B	Z	22.676	.33
186	MP5.5B	Mx	-.017	.33
187	MP5.5B	X	-13.092	4.33
188	MP5.5B	Z	22.676	4.33
189	MP5.5B	Mx	-.017	4.33
190	MP5.5B	X	-3.152	7.5
191	MP5.5B	Z	5.459	7.5
192	MP5.5B	Mx	.005	7.5
193	MP5.5B	X	-10.259	10.64



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
194	MP5.5B	Z	17.769	10.64
195	MP5.5B	Mx	.015	10.64
196	MP5.5C	X	-14.849	.33
197	MP5.5C	Z	25.719	.33
198	MP5.5C	Mx	.01	.33
199	MP5.5C	X	-14.849	4.33
200	MP5.5C	Z	25.719	4.33
201	MP5.5C	Mx	.01	4.33
202	MP5.5C	X	-5.99	7.5
203	MP5.5C	Z	10.375	7.5
204	MP5.5C	Mx	-.004	7.5
205	MP5.5C	X	-6.096	10.64
206	MP5.5C	Z	10.559	10.64
207	MP5.5C	Mx	-.005	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-23.588	12.93
2	MP2A	Z	13.618	12.93
3	MP2A	Mx	.018	12.93
4	MP2A	X	-23.588	15.74
5	MP2A	Z	13.618	15.74
6	MP2A	Mx	.018	15.74
7	MP2B	X	-29.301	12.93
8	MP2B	Z	16.917	12.93
9	MP2B	Mx	.011	12.93
10	MP2B	X	-29.301	15.74
11	MP2B	Z	16.917	15.74
12	MP2B	Mx	.011	15.74
13	MP2C	X	-29.301	12.93
14	MP2C	Z	16.917	12.93
15	MP2C	Mx	-.033	12.93
16	MP2C	X	-29.301	15.74
17	MP2C	Z	16.917	15.74
18	MP2C	Mx	-.033	15.74
19	MP2A	X	-23.588	12.93
20	MP2A	Z	13.618	12.93
21	MP2A	Mx	.018	12.93
22	MP2A	X	-23.588	15.74
23	MP2A	Z	13.618	15.74
24	MP2A	Mx	.018	15.74
25	MP2B	X	-29.301	12.93
26	MP2B	Z	16.917	12.93
27	MP2B	Mx	-.033	12.93
28	MP2B	X	-29.301	15.74
29	MP2B	Z	16.917	15.74
30	MP2B	Mx	-.033	15.74
31	MP2C	X	-29.301	12.93
32	MP2C	Z	16.917	12.93
33	MP2C	Mx	.011	12.93
34	MP2C	X	-29.301	15.74
35	MP2C	Z	16.917	15.74
36	MP2C	Mx	.011	15.74
37	MP4A	X	-6.523	13.37
38	MP4A	Z	3.766	13.37
39	MP4A	Mx	.005	13.37



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
40	MP4A	X	-6.523	15.3
41	MP4A	Z	3.766	15.3
42	MP4A	Mx	.005	15.3
43	MP4B	X	-13.16	13.37
44	MP4B	Z	7.598	13.37
45	MP4B	Mx	-.005	13.37
46	MP4B	X	-13.16	15.3
47	MP4B	Z	7.598	15.3
48	MP4B	Mx	-.005	15.3
49	MP4C	X	-13.16	13.37
50	MP4C	Z	7.598	13.37
51	MP4C	Mx	-.005	13.37
52	MP4C	X	-13.16	15.3
53	MP4C	Z	7.598	15.3
54	MP4C	Mx	-.005	15.3
55	MP2A	X	-9.962	11.13
56	MP2A	Z	5.751	11.13
57	MP2A	Mx	-.008	11.13
58	MP2B	X	-9.962	11.13
59	MP2B	Z	5.751	11.13
60	MP2B	Mx	.008	11.13
61	MP2C	X	-12.924	11.13
62	MP2C	Z	7.462	11.13
63	MP2C	Mx	0	11.13
64	MP2A	X	-8.836	9.13
65	MP2A	Z	5.101	9.13
66	MP2A	Mx	-.007	9.13
67	MP2B	X	-8.836	9.13
68	MP2B	Z	5.101	9.13
69	MP2B	Mx	.007	9.13
70	MP2C	X	-12.924	9.13
71	MP2C	Z	7.462	9.13
72	MP2C	Mx	0	9.13
73	MP1A	X	-20.223	.53
74	MP1A	Z	11.676	.53
75	MP1A	Mx	.016	.53
76	MP1A	X	-20.223	5.53
77	MP1A	Z	11.676	5.53
78	MP1A	Mx	.016	5.53
79	MP1B	X	-22.084	.53
80	MP1B	Z	12.75	.53
81	MP1B	Mx	-.009	.53
82	MP1B	X	-22.084	5.53
83	MP1B	Z	12.75	5.53
84	MP1B	Mx	-.009	5.53
85	MP5A	X	-20.223	.53
86	MP5A	Z	11.676	.53
87	MP5A	Mx	.016	.53
88	MP5A	X	-20.223	5.53
89	MP5A	Z	11.676	5.53
90	MP5A	Mx	.016	5.53
91	MP5B	X	-22.084	.53
92	MP5B	Z	12.75	.53
93	MP5B	Mx	-.009	.53
94	MP5B	X	-22.084	5.53
95	MP5B	Z	12.75	5.53
96	MP5B	Mx	-.009	5.53



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
97	MP1C	X	-17.881	.58
98	MP1C	Z	10.324	.58
99	MP1C	Mx	-.007	.58
100	MP1C	X	-17.881	5.49
101	MP1C	Z	10.324	5.49
102	MP1C	Mx	-.007	5.49
103	MP5C	X	-17.881	.58
104	MP5C	Z	10.324	.58
105	MP5C	Mx	-.007	.58
106	MP5C	X	-17.881	5.49
107	MP5C	Z	10.324	5.49
108	MP5C	Mx	-.007	5.49
109	MP0.5A	X	-9.516	.92
110	MP0.5A	Z	5.494	.92
111	MP0.5A	Mx	.006	.92
112	MP0.5A	X	-9.516	3.75
113	MP0.5A	Z	5.494	3.75
114	MP0.5A	Mx	.006	3.75
115	MP0.5A	X	-3.998	6
116	MP0.5A	Z	2.308	6
117	MP0.5A	Mx	-.001	6
118	MP0.5A	X	-3.998	6
119	MP0.5A	Z	2.308	6
120	MP0.5A	Mx	.001	6
121	MP0.5B	X	-9.516	.92
122	MP0.5B	Z	5.494	.92
123	MP0.5B	Mx	-.006	.92
124	MP0.5B	X	-9.516	3.75
125	MP0.5B	Z	5.494	3.75
126	MP0.5B	Mx	-.006	3.75
127	MP0.5B	X	-3.998	6
128	MP0.5B	Z	2.308	6
129	MP0.5B	Mx	.001	6
130	MP0.5B	X	-3.998	6
131	MP0.5B	Z	2.308	6
132	MP0.5B	Mx	-.001	6
133	MP0.5C	X	-12.403	.92
134	MP0.5C	Z	7.161	.92
135	MP0.5C	Mx	0	.92
136	MP0.5C	X	-12.403	3.75
137	MP0.5C	Z	7.161	3.75
138	MP0.5C	Mx	0	3.75
139	MP0.5C	X	-6.392	6
140	MP0.5C	Z	3.691	6
141	MP0.5C	Mx	0	6
142	MP0.5C	X	-6.392	6
143	MP0.5C	Z	3.691	6
144	MP0.5C	Mx	0	6
145	MP2A	X	-21.788	.32
146	MP2A	Z	12.579	.32
147	MP2A	Mx	.015	.32
148	MP2A	X	-21.788	4.35
149	MP2A	Z	12.579	4.35
150	MP2A	Mx	.015	4.35
151	MP2B	X	-21.788	.32
152	MP2B	Z	12.579	.32
153	MP2B	Mx	-.015	.32



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]	
154	MP2B	X	-21.788	4.35
155	MP2B	Z	12.579	4.35
156	MP2B	Mx	-.015	4.35
157	MP2C	X	-30.912	.32
158	MP2C	Z	17.847	.32
159	MP2C	Mx	0	.32
160	MP2C	X	-30.912	4.35
161	MP2C	Z	17.847	4.35
162	MP2C	Mx	0	4.35
163	MP2A	X	-7.098	6
164	MP2A	Z	4.098	6
165	MP2A	Mx	-.005	6
166	MP2B	X	-7.098	6
167	MP2B	Z	4.098	6
168	MP2B	Mx	.005	6
169	MP2C	X	-12.013	6
170	MP2C	Z	6.936	6
171	MP2C	Mx	0	6
172	MP5.5A	X	-23.69	.33
173	MP5.5A	Z	13.678	.33
174	MP5.5A	Mx	.016	.33
175	MP5.5A	X	-23.69	4.33
176	MP5.5A	Z	13.678	4.33
177	MP5.5A	Mx	.016	4.33
178	MP5.5A	X	-7.098	7.5
179	MP5.5A	Z	4.098	7.5
180	MP5.5A	Mx	-.005	7.5
181	MP5.5A	X	-15.366	10.64
182	MP5.5A	Z	8.871	10.64
183	MP5.5A	Mx	-.012	10.64
184	MP5.5B	X	-23.69	.33
185	MP5.5B	Z	13.678	.33
186	MP5.5B	Mx	-.016	.33
187	MP5.5B	X	-23.69	4.33
188	MP5.5B	Z	13.678	4.33
189	MP5.5B	Mx	-.016	4.33
190	MP5.5B	X	-7.098	7.5
191	MP5.5B	Z	4.098	7.5
192	MP5.5B	Mx	.005	7.5
193	MP5.5B	X	-15.366	10.64
194	MP5.5B	Z	8.871	10.64
195	MP5.5B	Mx	.012	10.64
196	MP5.5C	X	-26.733	.33
197	MP5.5C	Z	15.434	.33
198	MP5.5C	Mx	0	.33
199	MP5.5C	X	-26.733	4.33
200	MP5.5C	Z	15.434	4.33
201	MP5.5C	Mx	0	4.33
202	MP5.5C	X	-12.013	7.5
203	MP5.5C	Z	6.936	7.5
204	MP5.5C	Mx	0	7.5
205	MP5.5C	X	-8.155	10.64
206	MP5.5C	Z	4.708	10.64
207	MP5.5C	Mx	0	10.64

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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
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**Member Point Loads (BLC 24 : Antenna Wi (270 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-29.436	12.93
2	MP2A	Z	0	12.93
3	MP2A	Mx	.006	12.93
4	MP2A	X	-29.436	15.74
5	MP2A	Z	0	15.74
6	MP2A	Mx	.006	15.74
7	MP2B	X	-36.032	12.93
8	MP2B	Z	0	12.93
9	MP2B	Mx	.027	12.93
10	MP2B	X	-36.032	15.74
11	MP2B	Z	0	15.74
12	MP2B	Mx	.027	15.74
13	MP2C	X	-29.436	12.93
14	MP2C	Z	0	12.93
15	MP2C	Mx	-.028	12.93
16	MP2C	X	-29.436	15.74
17	MP2C	Z	0	15.74
18	MP2C	Mx	-.028	15.74
19	MP2A	X	-29.436	12.93
20	MP2A	Z	0	12.93
21	MP2A	Mx	.028	12.93
22	MP2A	X	-29.436	15.74
23	MP2A	Z	0	15.74
24	MP2A	Mx	.028	15.74
25	MP2B	X	-36.032	12.93
26	MP2B	Z	0	12.93
27	MP2B	Mx	-.027	12.93
28	MP2B	X	-36.032	15.74
29	MP2B	Z	0	15.74
30	MP2B	Mx	-.027	15.74
31	MP2C	X	-29.436	12.93
32	MP2C	Z	0	12.93
33	MP2C	Mx	-.006	12.93
34	MP2C	X	-29.436	15.74
35	MP2C	Z	0	15.74
36	MP2C	Mx	-.006	15.74
37	MP4A	X	-10.087	13.37
38	MP4A	Z	0	13.37
39	MP4A	Mx	.006	13.37
40	MP4A	X	-10.087	15.3
41	MP4A	Z	0	15.3
42	MP4A	Mx	.006	15.3
43	MP4B	X	-17.751	13.37
44	MP4B	Z	0	13.37
45	MP4B	Mx	0	13.37
46	MP4B	X	-17.751	15.3
47	MP4B	Z	0	15.3
48	MP4B	Mx	0	15.3
49	MP4C	X	-10.087	13.37
50	MP4C	Z	0	13.37
51	MP4C	Mx	-.006	13.37
52	MP4C	X	-10.087	15.3
53	MP4C	Z	0	15.3
54	MP4C	Mx	-.006	15.3
55	MP2A	X	-10.363	11.13
56	MP2A	Z	0	11.13
57	MP2A	Mx	-.009	11.13



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
58	MP2B	X	-13.783	11.13
59	MP2B	Z	0	11.13
60	MP2B	Mx	.006	11.13
61	MP2C	X	-13.783	11.13
62	MP2C	Z	0	11.13
63	MP2C	Mx	.006	11.13
64	MP2A	X	-8.629	9.13
65	MP2A	Z	0	9.13
66	MP2A	Mx	-.007	9.13
67	MP2B	X	-13.35	9.13
68	MP2B	Z	0	9.13
69	MP2B	Mx	.006	9.13
70	MP2C	X	-13.35	9.13
71	MP2C	Z	0	9.13
72	MP2C	Mx	.006	9.13
73	MP1A	X	-24.068	.53
74	MP1A	Z	0	.53
75	MP1A	Mx	.014	.53
76	MP1A	X	-24.068	5.53
77	MP1A	Z	0	5.53
78	MP1A	Mx	.014	5.53
79	MP1B	X	-26.216	.53
80	MP1B	Z	0	.53
81	MP1B	Mx	0	.53
82	MP1B	X	-26.216	5.53
83	MP1B	Z	0	5.53
84	MP1B	Mx	0	5.53
85	MP5A	X	-24.068	.53
86	MP5A	Z	0	.53
87	MP5A	Mx	.014	.53
88	MP5A	X	-24.068	5.53
89	MP5A	Z	0	5.53
90	MP5A	Mx	.014	5.53
91	MP5B	X	-26.216	.53
92	MP5B	Z	0	.53
93	MP5B	Mx	0	.53
94	MP5B	X	-26.216	5.53
95	MP5B	Z	0	5.53
96	MP5B	Mx	0	5.53
97	MP1C	X	-28.03	.58
98	MP1C	Z	0	.58
99	MP1C	Mx	-.016	.58
100	MP1C	X	-28.03	5.49
101	MP1C	Z	0	5.49
102	MP1C	Mx	-.016	5.49
103	MP5C	X	-28.03	.58
104	MP5C	Z	0	.58
105	MP5C	Mx	-.016	.58
106	MP5C	X	-28.03	5.49
107	MP5C	Z	0	5.49
108	MP5C	Mx	-.016	5.49
109	MP0.5A	X	-9.877	.92
110	MP0.5A	Z	0	.92
111	MP0.5A	Mx	.007	.92
112	MP0.5A	X	-9.877	3.75
113	MP0.5A	Z	0	3.75
114	MP0.5A	Mx	.007	3.75





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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
115	MP0.5A	X	-3.694	6
116	MP0.5A	Z	0	6
117	MP0.5A	Mx	-.001	6
118	MP0.5A	X	-3.694	6
119	MP0.5A	Z	0	6
120	MP0.5A	Mx	.001	6
121	MP0.5B	X	-13.211	.92
122	MP0.5B	Z	0	.92
123	MP0.5B	Mx	-.004	.92
124	MP0.5B	X	-13.211	3.75
125	MP0.5B	Z	0	3.75
126	MP0.5B	Mx	-.004	3.75
127	MP0.5B	X	-6.46	6
128	MP0.5B	Z	0	6
129	MP0.5B	Mx	.001	6
130	MP0.5B	X	-6.46	6
131	MP0.5B	Z	0	6
132	MP0.5B	Mx	-.001	6
133	MP0.5C	X	-13.211	.92
134	MP0.5C	Z	0	.92
135	MP0.5C	Mx	-.004	.92
136	MP0.5C	X	-13.211	3.75
137	MP0.5C	Z	0	3.75
138	MP0.5C	Mx	-.004	3.75
139	MP0.5C	X	-6.46	6
140	MP0.5C	Z	0	6
141	MP0.5C	Mx	.001	6
142	MP0.5C	X	-6.46	6
143	MP0.5C	Z	0	6
144	MP0.5C	Mx	-.001	6
145	MP2A	X	-21.646	.32
146	MP2A	Z	0	.32
147	MP2A	Mx	.014	.32
148	MP2A	X	-21.646	4.35
149	MP2A	Z	0	4.35
150	MP2A	Mx	.014	4.35
151	MP2B	X	-32.182	.32
152	MP2B	Z	0	.32
153	MP2B	Mx	-.011	.32
154	MP2B	X	-32.182	4.35
155	MP2B	Z	0	4.35
156	MP2B	Mx	-.011	4.35
157	MP2C	X	-32.182	.32
158	MP2C	Z	0	.32
159	MP2C	Mx	-.011	.32
160	MP2C	X	-32.182	4.35
161	MP2C	Z	0	4.35
162	MP2C	Mx	-.011	4.35
163	MP2A	X	-6.304	6
164	MP2A	Z	0	6
165	MP2A	Mx	-.005	6
166	MP2B	X	-11.98	6
167	MP2B	Z	0	6
168	MP2B	Mx	.004	6
169	MP2C	X	-11.98	6
170	MP2C	Z	0	6
171	MP2C	Mx	.004	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
172	MP5.5A	X	-26.184	.33
173	MP5.5A	Z	0	.33
174	MP5.5A	Mx	.017	.33
175	MP5.5A	X	-26.184	4.33
176	MP5.5A	Z	0	4.33
177	MP5.5A	Mx	.017	4.33
178	MP5.5A	X	-6.304	7.5
179	MP5.5A	Z	0	7.5
180	MP5.5A	Mx	-.005	7.5
181	MP5.5A	X	-20.518	10.64
182	MP5.5A	Z	0	10.64
183	MP5.5A	Mx	-.015	10.64
184	MP5.5B	X	-29.697	.33
185	MP5.5B	Z	0	.33
186	MP5.5B	Mx	-.01	.33
187	MP5.5B	X	-29.697	4.33
188	MP5.5B	Z	0	4.33
189	MP5.5B	Mx	-.01	4.33
190	MP5.5B	X	-11.98	7.5
191	MP5.5B	Z	0	7.5
192	MP5.5B	Mx	.004	7.5
193	MP5.5B	X	-12.192	10.64
194	MP5.5B	Z	0	10.64
195	MP5.5B	Mx	.005	10.64
196	MP5.5C	X	-29.697	.33
197	MP5.5C	Z	0	.33
198	MP5.5C	Mx	-.01	.33
199	MP5.5C	X	-29.697	4.33
200	MP5.5C	Z	0	4.33
201	MP5.5C	Mx	-.01	4.33
202	MP5.5C	X	-11.98	7.5
203	MP5.5C	Z	0	7.5
204	MP5.5C	Mx	.004	7.5
205	MP5.5C	X	-12.192	10.64
206	MP5.5C	Z	0	10.64
207	MP5.5C	Mx	.005	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-29.301	12.93
2	MP2A	Z	-16.917	12.93
3	MP2A	Mx	-.011	12.93
4	MP2A	X	-29.301	15.74
5	MP2A	Z	-16.917	15.74
6	MP2A	Mx	-.011	15.74
7	MP2B	X	-29.301	12.93
8	MP2B	Z	-16.917	12.93
9	MP2B	Mx	.033	12.93
10	MP2B	X	-29.301	15.74
11	MP2B	Z	-16.917	15.74
12	MP2B	Mx	.033	15.74
13	MP2C	X	-23.588	12.93
14	MP2C	Z	-13.618	12.93
15	MP2C	Mx	-.018	12.93
16	MP2C	X	-23.588	15.74
17	MP2C	Z	-13.618	15.74



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
18	MP2C	Mx	-.018	15.74
19	MP2A	X	-29.301	12.93
20	MP2A	Z	-16.917	12.93
21	MP2A	Mx	.033	12.93
22	MP2A	X	-29.301	15.74
23	MP2A	Z	-16.917	15.74
24	MP2A	Mx	.033	15.74
25	MP2B	X	-29.301	12.93
26	MP2B	Z	-16.917	12.93
27	MP2B	Mx	-.011	12.93
28	MP2B	X	-29.301	15.74
29	MP2B	Z	-16.917	15.74
30	MP2B	Mx	-.011	15.74
31	MP2C	X	-23.588	12.93
32	MP2C	Z	-13.618	12.93
33	MP2C	Mx	-.018	12.93
34	MP2C	X	-23.588	15.74
35	MP2C	Z	-13.618	15.74
36	MP2C	Mx	-.018	15.74
37	MP4A	X	-13.16	13.37
38	MP4A	Z	-7.598	13.37
39	MP4A	Mx	.005	13.37
40	MP4A	X	-13.16	15.3
41	MP4A	Z	-7.598	15.3
42	MP4A	Mx	.005	15.3
43	MP4B	X	-13.16	13.37
44	MP4B	Z	-7.598	13.37
45	MP4B	Mx	.005	13.37
46	MP4B	X	-13.16	15.3
47	MP4B	Z	-7.598	15.3
48	MP4B	Mx	.005	15.3
49	MP4C	X	-6.523	13.37
50	MP4C	Z	-3.766	13.37
51	MP4C	Mx	-.005	13.37
52	MP4C	X	-6.523	15.3
53	MP4C	Z	-3.766	15.3
54	MP4C	Mx	-.005	15.3
55	MP2A	X	-9.962	11.13
56	MP2A	Z	-5.751	11.13
57	MP2A	Mx	-.008	11.13
58	MP2B	X	-12.924	11.13
59	MP2B	Z	-7.462	11.13
60	MP2B	Mx	0	11.13
61	MP2C	X	-9.962	11.13
62	MP2C	Z	-5.751	11.13
63	MP2C	Mx	.008	11.13
64	MP2A	X	-8.836	9.13
65	MP2A	Z	-5.101	9.13
66	MP2A	Mx	-.007	9.13
67	MP2B	X	-12.924	9.13
68	MP2B	Z	-7.462	9.13
69	MP2B	Mx	0	9.13
70	MP2C	X	-8.836	9.13
71	MP2C	Z	-5.101	9.13
72	MP2C	Mx	.007	9.13
73	MP1A	X	-22.084	.53
74	MP1A	Z	-12.75	.53



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
75	MP1A	Mx	.009	.53
76	MP1A	X	-22.084	5.53
77	MP1A	Z	-12.75	5.53
78	MP1A	Mx	.009	5.53
79	MP1B	X	-22.084	.53
80	MP1B	Z	-12.75	.53
81	MP1B	Mx	.009	.53
82	MP1B	X	-22.084	5.53
83	MP1B	Z	-12.75	5.53
84	MP1B	Mx	.009	5.53
85	MP5A	X	-22.084	.53
86	MP5A	Z	-12.75	.53
87	MP5A	Mx	.009	.53
88	MP5A	X	-22.084	5.53
89	MP5A	Z	-12.75	5.53
90	MP5A	Mx	.009	5.53
91	MP5B	X	-22.084	.53
92	MP5B	Z	-12.75	.53
93	MP5B	Mx	.009	.53
94	MP5B	X	-22.084	5.53
95	MP5B	Z	-12.75	5.53
96	MP5B	Mx	.009	5.53
97	MP1C	X	-27.471	.58
98	MP1C	Z	-15.861	.58
99	MP1C	Mx	-.021	.58
100	MP1C	X	-27.471	5.49
101	MP1C	Z	-15.861	5.49
102	MP1C	Mx	-.021	5.49
103	MP5C	X	-27.471	.58
104	MP5C	Z	-15.861	.58
105	MP5C	Mx	-.021	.58
106	MP5C	X	-27.471	5.49
107	MP5C	Z	-15.861	5.49
108	MP5C	Mx	-.021	5.49
109	MP0.5A	X	-9.516	.92
110	MP0.5A	Z	-5.494	.92
111	MP0.5A	Mx	.006	.92
112	MP0.5A	X	-9.516	3.75
113	MP0.5A	Z	-5.494	3.75
114	MP0.5A	Mx	.006	3.75
115	MP0.5A	X	-3.998	6
116	MP0.5A	Z	-2.308	6
117	MP0.5A	Mx	-.001	6
118	MP0.5A	X	-3.998	6
119	MP0.5A	Z	-2.308	6
120	MP0.5A	Mx	.001	6
121	MP0.5B	X	-12.403	.92
122	MP0.5B	Z	-7.161	.92
123	MP0.5B	Mx	0	.92
124	MP0.5B	X	-12.403	3.75
125	MP0.5B	Z	-7.161	3.75
126	MP0.5B	Mx	0	3.75
127	MP0.5B	X	-6.392	6
128	MP0.5B	Z	-3.691	6
129	MP0.5B	Mx	0	6
130	MP0.5B	X	-6.392	6
131	MP0.5B	Z	-3.691	6



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]	
132	MP0.5B	Mx	0	6
133	MP0.5C	X	-9.516	.92
134	MP0.5C	Z	-5.494	.92
135	MP0.5C	Mx	-.006	.92
136	MP0.5C	X	-9.516	3.75
137	MP0.5C	Z	-5.494	3.75
138	MP0.5C	Mx	-.006	3.75
139	MP0.5C	X	-3.998	6
140	MP0.5C	Z	-2.308	6
141	MP0.5C	Mx	.001	6
142	MP0.5C	X	-3.998	6
143	MP0.5C	Z	-2.308	6
144	MP0.5C	Mx	-.001	6
145	MP2A	X	-21.788	.32
146	MP2A	Z	-12.579	.32
147	MP2A	Mx	.015	.32
148	MP2A	X	-21.788	4.35
149	MP2A	Z	-12.579	4.35
150	MP2A	Mx	.015	4.35
151	MP2B	X	-30.912	.32
152	MP2B	Z	-17.847	.32
153	MP2B	Mx	0	.32
154	MP2B	X	-30.912	4.35
155	MP2B	Z	-17.847	4.35
156	MP2B	Mx	0	4.35
157	MP2C	X	-21.788	.32
158	MP2C	Z	-12.579	.32
159	MP2C	Mx	-.015	.32
160	MP2C	X	-21.788	4.35
161	MP2C	Z	-12.579	4.35
162	MP2C	Mx	-.015	4.35
163	MP2A	X	-7.098	6
164	MP2A	Z	-4.098	6
165	MP2A	Mx	-.005	6
166	MP2B	X	-12.013	6
167	MP2B	Z	-6.936	6
168	MP2B	Mx	0	6
169	MP2C	X	-7.098	6
170	MP2C	Z	-4.098	6
171	MP2C	Mx	.005	6
172	MP5.5A	X	-23.69	.33
173	MP5.5A	Z	-13.678	.33
174	MP5.5A	Mx	.016	.33
175	MP5.5A	X	-23.69	4.33
176	MP5.5A	Z	-13.678	4.33
177	MP5.5A	Mx	.016	4.33
178	MP5.5A	X	-7.098	7.5
179	MP5.5A	Z	-4.098	7.5
180	MP5.5A	Mx	-.005	7.5
181	MP5.5A	X	-15.366	10.64
182	MP5.5A	Z	-8.871	10.64
183	MP5.5A	Mx	-.012	10.64
184	MP5.5B	X	-26.733	.33
185	MP5.5B	Z	-15.434	.33
186	MP5.5B	Mx	0	.33
187	MP5.5B	X	-26.733	4.33
188	MP5.5B	Z	-15.434	4.33



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
189	MP5.5B	Mx	0	4.33
190	MP5.5B	X	-12.013	7.5
191	MP5.5B	Z	-6.936	7.5
192	MP5.5B	Mx	0	7.5
193	MP5.5B	X	-8.155	10.64
194	MP5.5B	Z	-4.708	10.64
195	MP5.5B	Mx	0	10.64
196	MP5.5C	X	-23.69	.33
197	MP5.5C	Z	-13.678	.33
198	MP5.5C	Mx	-.016	.33
199	MP5.5C	X	-23.69	4.33
200	MP5.5C	Z	-13.678	4.33
201	MP5.5C	Mx	-.016	4.33
202	MP5.5C	X	-7.098	7.5
203	MP5.5C	Z	-4.098	7.5
204	MP5.5C	Mx	.005	7.5
205	MP5.5C	X	-15.366	10.64
206	MP5.5C	Z	-8.871	10.64
207	MP5.5C	Mx	.012	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-18.016	12.93
2	MP2A	Z	-31.205	12.93
3	MP2A	Mx	-.027	12.93
4	MP2A	X	-18.016	15.74
5	MP2A	Z	-31.205	15.74
6	MP2A	Mx	-.027	15.74
7	MP2B	X	-14.718	12.93
8	MP2B	Z	-25.492	12.93
9	MP2B	Mx	.028	12.93
10	MP2B	X	-14.718	15.74
11	MP2B	Z	-25.492	15.74
12	MP2B	Mx	.028	15.74
13	MP2C	X	-14.718	12.93
14	MP2C	Z	-25.492	12.93
15	MP2C	Mx	-.006	12.93
16	MP2C	X	-14.718	15.74
17	MP2C	Z	-25.492	15.74
18	MP2C	Mx	-.006	15.74
19	MP2A	X	-18.016	12.93
20	MP2A	Z	-31.205	12.93
21	MP2A	Mx	.027	12.93
22	MP2A	X	-18.016	15.74
23	MP2A	Z	-31.205	15.74
24	MP2A	Mx	.027	15.74
25	MP2B	X	-14.718	12.93
26	MP2B	Z	-25.492	12.93
27	MP2B	Mx	.006	12.93
28	MP2B	X	-14.718	15.74
29	MP2B	Z	-25.492	15.74
30	MP2B	Mx	.006	15.74
31	MP2C	X	-14.718	12.93
32	MP2C	Z	-25.492	12.93
33	MP2C	Mx	-.028	12.93
34	MP2C	X	-14.718	15.74



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
35	MP2C	Z	-25.492	15.74
36	MP2C	Mx	-.028	15.74
37	MP4A	X	-8.875	13.37
38	MP4A	Z	-15.373	13.37
39	MP4A	Mx	0	13.37
40	MP4A	X	-8.875	15.3
41	MP4A	Z	-15.373	15.3
42	MP4A	Mx	0	15.3
43	MP4B	X	-5.044	13.37
44	MP4B	Z	-8.736	13.37
45	MP4B	Mx	.006	13.37
46	MP4B	X	-5.044	15.3
47	MP4B	Z	-8.736	15.3
48	MP4B	Mx	.006	15.3
49	MP4C	X	-5.044	13.37
50	MP4C	Z	-8.736	13.37
51	MP4C	Mx	-.006	13.37
52	MP4C	X	-5.044	15.3
53	MP4C	Z	-8.736	15.3
54	MP4C	Mx	-.006	15.3
55	MP2A	X	-6.892	11.13
56	MP2A	Z	-11.937	11.13
57	MP2A	Mx	-.006	11.13
58	MP2B	X	-6.892	11.13
59	MP2B	Z	-11.937	11.13
60	MP2B	Mx	-.006	11.13
61	MP2C	X	-5.181	11.13
62	MP2C	Z	-8.974	11.13
63	MP2C	Mx	.009	11.13
64	MP2A	X	-6.675	9.13
65	MP2A	Z	-11.562	9.13
66	MP2A	Mx	-.006	9.13
67	MP2B	X	-6.675	9.13
68	MP2B	Z	-11.562	9.13
69	MP2B	Mx	-.006	9.13
70	MP2C	X	-4.315	9.13
71	MP2C	Z	-7.473	9.13
72	MP2C	Mx	.007	9.13
73	MP1A	X	-13.108	.53
74	MP1A	Z	-22.704	.53
75	MP1A	Mx	0	.53
76	MP1A	X	-13.108	5.53
77	MP1A	Z	-22.704	5.53
78	MP1A	Mx	0	5.53
79	MP1B	X	-12.034	.53
80	MP1B	Z	-20.844	.53
81	MP1B	Mx	.014	.53
82	MP1B	X	-12.034	5.53
83	MP1B	Z	-20.844	5.53
84	MP1B	Mx	.014	5.53
85	MP5A	X	-13.108	.53
86	MP5A	Z	-22.704	.53
87	MP5A	Mx	0	.53
88	MP5A	X	-13.108	5.53
89	MP5A	Z	-22.704	5.53
90	MP5A	Mx	0	5.53
91	MP5B	X	-12.034	.53



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
92	MP5B	Z	-20.844	.53
93	MP5B	Mx	.014	.53
94	MP5B	X	-12.034	5.53
95	MP5B	Z	-20.844	5.53
96	MP5B	Mx	.014	5.53
97	MP1C	X	-14.015	.58
98	MP1C	Z	-24.275	.58
99	MP1C	Mx	-.016	.58
100	MP1C	X	-14.015	5.49
101	MP1C	Z	-24.275	5.49
102	MP1C	Mx	-.016	5.49
103	MP5C	X	-14.015	.58
104	MP5C	Z	-24.275	.58
105	MP5C	Mx	-.016	.58
106	MP5C	X	-14.015	5.49
107	MP5C	Z	-24.275	5.49
108	MP5C	Mx	-.016	5.49
109	MP0.5A	X	-6.606	.92
110	MP0.5A	Z	-11.441	.92
111	MP0.5A	Mx	.004	.92
112	MP0.5A	X	-6.606	3.75
113	MP0.5A	Z	-11.441	3.75
114	MP0.5A	Mx	.004	3.75
115	MP0.5A	X	-3.23	6
116	MP0.5A	Z	-5.594	6
117	MP0.5A	Mx	-.001	6
118	MP0.5A	X	-3.23	6
119	MP0.5A	Z	-5.594	6
120	MP0.5A	Mx	.001	6
121	MP0.5B	X	-6.606	.92
122	MP0.5B	Z	-11.441	.92
123	MP0.5B	Mx	.004	.92
124	MP0.5B	X	-6.606	3.75
125	MP0.5B	Z	-11.441	3.75
126	MP0.5B	Mx	.004	3.75
127	MP0.5B	X	-3.23	6
128	MP0.5B	Z	-5.594	6
129	MP0.5B	Mx	-.001	6
130	MP0.5B	X	-3.23	6
131	MP0.5B	Z	-5.594	6
132	MP0.5B	Mx	.001	6
133	MP0.5C	X	-4.939	.92
134	MP0.5C	Z	-8.554	.92
135	MP0.5C	Mx	-.007	.92
136	MP0.5C	X	-4.939	3.75
137	MP0.5C	Z	-8.554	3.75
138	MP0.5C	Mx	-.007	3.75
139	MP0.5C	X	-1.847	6
140	MP0.5C	Z	-3.199	6
141	MP0.5C	Mx	.001	6
142	MP0.5C	X	-1.847	6
143	MP0.5C	Z	-3.199	6
144	MP0.5C	Mx	-.001	6
145	MP2A	X	-16.091	.32
146	MP2A	Z	-27.87	.32
147	MP2A	Mx	.011	.32
148	MP2A	X	-16.091	4.35





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 Job Number : Project No. 10084891  
 Model Name : 467684-VZW\_MT\_LO\_H

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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]	
149	MP2A	Z	-27.87	4.35
150	MP2A	Mx	.011	4.35
151	MP2B	X	-16.091	.32
152	MP2B	Z	-27.87	.32
153	MP2B	Mx	.011	.32
154	MP2B	X	-16.091	4.35
155	MP2B	Z	-27.87	4.35
156	MP2B	Mx	.011	4.35
157	MP2C	X	-10.823	.32
158	MP2C	Z	-18.746	.32
159	MP2C	Mx	-.014	.32
160	MP2C	X	-10.823	4.35
161	MP2C	Z	-18.746	4.35
162	MP2C	Mx	-.014	4.35
163	MP2A	X	-5.99	6
164	MP2A	Z	-10.375	6
165	MP2A	Mx	-.004	6
166	MP2B	X	-5.99	6
167	MP2B	Z	-10.375	6
168	MP2B	Mx	-.004	6
169	MP2C	X	-3.152	6
170	MP2C	Z	-5.459	6
171	MP2C	Mx	.005	6
172	MP5.5A	X	-14.849	.33
173	MP5.5A	Z	-25.719	.33
174	MP5.5A	Mx	.01	.33
175	MP5.5A	X	-14.849	4.33
176	MP5.5A	Z	-25.719	4.33
177	MP5.5A	Mx	.01	4.33
178	MP5.5A	X	-5.99	7.5
179	MP5.5A	Z	-10.375	7.5
180	MP5.5A	Mx	-.004	7.5
181	MP5.5A	X	-6.096	10.64
182	MP5.5A	Z	-10.559	10.64
183	MP5.5A	Mx	-.005	10.64
184	MP5.5B	X	-14.849	.33
185	MP5.5B	Z	-25.719	.33
186	MP5.5B	Mx	.01	.33
187	MP5.5B	X	-14.849	4.33
188	MP5.5B	Z	-25.719	4.33
189	MP5.5B	Mx	.01	4.33
190	MP5.5B	X	-5.99	7.5
191	MP5.5B	Z	-10.375	7.5
192	MP5.5B	Mx	-.004	7.5
193	MP5.5B	X	-6.096	10.64
194	MP5.5B	Z	-10.559	10.64
195	MP5.5B	Mx	-.005	10.64
196	MP5.5C	X	-13.092	.33
197	MP5.5C	Z	-22.676	.33
198	MP5.5C	Mx	-.017	.33
199	MP5.5C	X	-13.092	4.33
200	MP5.5C	Z	-22.676	4.33
201	MP5.5C	Mx	-.017	4.33
202	MP5.5C	X	-3.152	7.5
203	MP5.5C	Z	-5.459	7.5
204	MP5.5C	Mx	.005	7.5
205	MP5.5C	X	-10.259	10.64



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
206	MP5.5C	Z	-17.769	10.64
207	MP5.5C	Mx	.015	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	0	12.93
2	MP2A	Z	-11.175	12.93
3	MP2A	Mx	-.011	12.93
4	MP2A	X	0	15.74
5	MP2A	Z	-11.175	15.74
6	MP2A	Mx	-.011	15.74
7	MP2B	X	0	12.93
8	MP2B	Z	-8.878	12.93
9	MP2B	Mx	.006	12.93
10	MP2B	X	0	15.74
11	MP2B	Z	-8.878	15.74
12	MP2B	Mx	.006	15.74
13	MP2C	X	0	12.93
14	MP2C	Z	-11.175	12.93
15	MP2C	Mx	.004	12.93
16	MP2C	X	0	15.74
17	MP2C	Z	-11.175	15.74
18	MP2C	Mx	.004	15.74
19	MP2A	X	0	12.93
20	MP2A	Z	-11.175	12.93
21	MP2A	Mx	.004	12.93
22	MP2A	X	0	15.74
23	MP2A	Z	-11.175	15.74
24	MP2A	Mx	.004	15.74
25	MP2B	X	0	12.93
26	MP2B	Z	-8.878	12.93
27	MP2B	Mx	.006	12.93
28	MP2B	X	0	15.74
29	MP2B	Z	-8.878	15.74
30	MP2B	Mx	.006	15.74
31	MP2C	X	0	12.93
32	MP2C	Z	-11.175	12.93
33	MP2C	Mx	-.011	12.93
34	MP2C	X	0	15.74
35	MP2C	Z	-11.175	15.74
36	MP2C	Mx	-.011	15.74
37	MP4A	X	0	13.37
38	MP4A	Z	-4.821	13.37
39	MP4A	Mx	-.002	13.37
40	MP4A	X	0	15.3
41	MP4A	Z	-4.821	15.3
42	MP4A	Mx	-.002	15.3
43	MP4B	X	0	13.37
44	MP4B	Z	-2.226	13.37
45	MP4B	Mx	.001	13.37
46	MP4B	X	0	15.3
47	MP4B	Z	-2.226	15.3
48	MP4B	Mx	.001	15.3
49	MP4C	X	0	13.37
50	MP4C	Z	-4.821	13.37
51	MP4C	Mx	-.002	13.37



Company : GPD  
 Designer : ENIETO  
 Job Number : Project No. 10084891  
 Model Name : 467684-VZW\_MT\_LO\_H

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
52	MP4C	X	0	15.3
53	MP4C	Z	-4.821	15.3
54	MP4C	Mx	-.002	15.3
55	MP2A	X	0	11.13
56	MP2A	Z	-4.525	11.13
57	MP2A	Mx	0	11.13
58	MP2B	X	0	11.13
59	MP2B	Z	-3.4	11.13
60	MP2B	Mx	-.002	11.13
61	MP2C	X	0	11.13
62	MP2C	Z	-3.4	11.13
63	MP2C	Mx	.002	11.13
64	MP2A	X	0	9.13
65	MP2A	Z	-4.525	9.13
66	MP2A	Mx	0	9.13
67	MP2B	X	0	9.13
68	MP2B	Z	-2.969	9.13
69	MP2B	Mx	-.002	9.13
70	MP2C	X	0	9.13
71	MP2C	Z	-2.969	9.13
72	MP2C	Mx	.002	9.13
73	MP1A	X	0	.53
74	MP1A	Z	-8.26	.53
75	MP1A	Mx	-.003	.53
76	MP1A	X	0	5.53
77	MP1A	Z	-8.26	5.53
78	MP1A	Mx	-.003	5.53
79	MP1B	X	0	.53
80	MP1B	Z	-7.45	.53
81	MP1B	Mx	.005	.53
82	MP1B	X	0	5.53
83	MP1B	Z	-7.45	5.53
84	MP1B	Mx	.005	5.53
85	MP5A	X	0	.53
86	MP5A	Z	-8.26	.53
87	MP5A	Mx	-.003	.53
88	MP5A	X	0	5.53
89	MP5A	Z	-8.26	5.53
90	MP5A	Mx	-.003	5.53
91	MP5B	X	0	.53
92	MP5B	Z	-7.45	.53
93	MP5B	Mx	.005	.53
94	MP5B	X	0	5.53
95	MP5B	Z	-7.45	5.53
96	MP5B	Mx	.005	5.53
97	MP1C	X	0	.58
98	MP1C	Z	-6.539	.58
99	MP1C	Mx	-.002	.58
100	MP1C	X	0	5.49
101	MP1C	Z	-6.539	5.49
102	MP1C	Mx	-.002	5.49
103	MP5C	X	0	.58
104	MP5C	Z	-6.539	.58
105	MP5C	Mx	-.002	.58
106	MP5C	X	0	5.49
107	MP5C	Z	-6.539	5.49
108	MP5C	Mx	-.002	5.49



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
109	MP0.5A	X	0	.92
110	MP0.5A	Z	-4.424	.92
111	MP0.5A	Mx	0	.92
112	MP0.5A	X	0	3.75
113	MP0.5A	Z	-4.424	3.75
114	MP0.5A	Mx	0	3.75
115	MP0.5A	X	0	6
116	MP0.5A	Z	0	6
117	MP0.5A	Mx	0	6
118	MP0.5A	X	0	6
119	MP0.5A	Z	0	6
120	MP0.5A	Mx	0	6
121	MP0.5B	X	0	.92
122	MP0.5B	Z	-3.26	.92
123	MP0.5B	Mx	.002	.92
124	MP0.5B	X	0	3.75
125	MP0.5B	Z	-3.26	3.75
126	MP0.5B	Mx	.002	3.75
127	MP0.5B	X	0	6
128	MP0.5B	Z	-.646	6
129	MP0.5B	Mx	-.000186	6
130	MP0.5B	X	0	6
131	MP0.5B	Z	-.646	6
132	MP0.5B	Mx	.000186	6
133	MP0.5C	X	0	.92
134	MP0.5C	Z	-3.26	.92
135	MP0.5C	Mx	-.002	.92
136	MP0.5C	X	0	3.75
137	MP0.5C	Z	-3.26	3.75
138	MP0.5C	Mx	-.002	3.75
139	MP0.5C	X	0	6
140	MP0.5C	Z	-.646	6
141	MP0.5C	Mx	.000186	6
142	MP0.5C	X	0	6
143	MP0.5C	Z	-.646	6
144	MP0.5C	Mx	-.000186	6
145	MP2A	X	0	.32
146	MP2A	Z	-11.794	.32
147	MP2A	Mx	0	.32
148	MP2A	X	0	4.35
149	MP2A	Z	-11.794	4.35
150	MP2A	Mx	0	4.35
151	MP2B	X	0	.32
152	MP2B	Z	-8.062	.32
153	MP2B	Mx	.005	.32
154	MP2B	X	0	4.35
155	MP2B	Z	-8.062	4.35
156	MP2B	Mx	.005	4.35
157	MP2C	X	0	.32
158	MP2C	Z	-8.062	.32
159	MP2C	Mx	-.005	.32
160	MP2C	X	0	4.35
161	MP2C	Z	-8.062	4.35
162	MP2C	Mx	-.005	4.35
163	MP2A	X	0	6
164	MP2A	Z	-4.101	6
165	MP2A	Mx	0	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
166	MP2B	X	0	6
167	MP2B	Z	-2.249	6
168	MP2B	Mx	-.001	6
169	MP2C	X	0	6
170	MP2C	Z	-2.249	6
171	MP2C	Mx	.001	6
172	MP5.5A	X	0	.33
173	MP5.5A	Z	-10.104	.33
174	MP5.5A	Mx	0	.33
175	MP5.5A	X	0	4.33
176	MP5.5A	Z	-10.104	4.33
177	MP5.5A	Mx	0	4.33
178	MP5.5A	X	0	7.5
179	MP5.5A	Z	-4.101	7.5
180	MP5.5A	Mx	0	7.5
181	MP5.5A	X	0	10.64
182	MP5.5A	Z	-6.388	10.64
183	MP5.5A	Mx	0	10.64
184	MP5.5B	X	0	.33
185	MP5.5B	Z	-8.864	.33
186	MP5.5B	Mx	.005	.33
187	MP5.5B	X	0	4.33
188	MP5.5B	Z	-8.864	4.33
189	MP5.5B	Mx	.005	4.33
190	MP5.5B	X	0	7.5
191	MP5.5B	Z	-2.249	7.5
192	MP5.5B	Mx	-.001	7.5
193	MP5.5B	X	0	10.64
194	MP5.5B	Z	-6.381	10.64
195	MP5.5B	Mx	-.004	10.64
196	MP5.5C	X	0	.33
197	MP5.5C	Z	-8.864	.33
198	MP5.5C	Mx	-.005	.33
199	MP5.5C	X	0	4.33
200	MP5.5C	Z	-8.864	4.33
201	MP5.5C	Mx	-.005	4.33
202	MP5.5C	X	0	7.5
203	MP5.5C	Z	-2.249	7.5
204	MP5.5C	Mx	.001	7.5
205	MP5.5C	X	0	10.64
206	MP5.5C	Z	-6.381	10.64
207	MP5.5C	Mx	.004	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	4.822	12.93
2	MP2A	Z	-8.351	12.93
3	MP2A	Mx	-.009	12.93
4	MP2A	X	4.822	15.74
5	MP2A	Z	-8.351	15.74
6	MP2A	Mx	-.009	15.74
7	MP2B	X	4.822	12.93
8	MP2B	Z	-8.351	12.93
9	MP2B	Mx	.002	12.93
10	MP2B	X	4.822	15.74
11	MP2B	Z	-8.351	15.74



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
12	MP2B	Mx	.002	15.74
13	MP2C	X	5.97	12.93
14	MP2C	Z	-10.341	12.93
15	MP2C	Mx	.009	12.93
16	MP2C	X	5.97	15.74
17	MP2C	Z	-10.341	15.74
18	MP2C	Mx	.009	15.74
19	MP2A	X	4.822	12.93
20	MP2A	Z	-8.351	12.93
21	MP2A	Mx	-.002	12.93
22	MP2A	X	4.822	15.74
23	MP2A	Z	-8.351	15.74
24	MP2A	Mx	-.002	15.74
25	MP2B	X	4.822	12.93
26	MP2B	Z	-8.351	12.93
27	MP2B	Mx	.009	12.93
28	MP2B	X	4.822	15.74
29	MP2B	Z	-8.351	15.74
30	MP2B	Mx	.009	15.74
31	MP2C	X	5.97	12.93
32	MP2C	Z	-10.341	12.93
33	MP2C	Mx	-.009	12.93
34	MP2C	X	5.97	15.74
35	MP2C	Z	-10.341	15.74
36	MP2C	Mx	-.009	15.74
37	MP4A	X	1.546	13.37
38	MP4A	Z	-2.677	13.37
39	MP4A	Mx	-.002	13.37
40	MP4A	X	1.546	15.3
41	MP4A	Z	-2.677	15.3
42	MP4A	Mx	-.002	15.3
43	MP4B	X	1.546	13.37
44	MP4B	Z	-2.677	13.37
45	MP4B	Mx	.002	13.37
46	MP4B	X	1.546	15.3
47	MP4B	Z	-2.677	15.3
48	MP4B	Mx	.002	15.3
49	MP4C	X	2.843	13.37
50	MP4C	Z	-4.924	13.37
51	MP4C	Mx	0	13.37
52	MP4C	X	2.843	15.3
53	MP4C	Z	-4.924	15.3
54	MP4C	Mx	0	15.3
55	MP2A	X	2.075	11.13
56	MP2A	Z	-3.594	11.13
57	MP2A	Mx	.002	11.13
58	MP2B	X	1.512	11.13
59	MP2B	Z	-2.619	11.13
60	MP2B	Mx	-.003	11.13
61	MP2C	X	2.075	11.13
62	MP2C	Z	-3.594	11.13
63	MP2C	Mx	.002	11.13
64	MP2A	X	2.003	9.13
65	MP2A	Z	-3.469	9.13
66	MP2A	Mx	.002	9.13
67	MP2B	X	1.225	9.13
68	MP2B	Z	-2.122	9.13



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
69	MP2B	Mx	-.002	9.13
70	MP2C	X	2.003	9.13
71	MP2C	Z	-3.469	9.13
72	MP2C	Mx	.002	9.13
73	MP1A	X	3.86	.53
74	MP1A	Z	-6.686	.53
75	MP1A	Mx	-.004	.53
76	MP1A	X	3.86	5.53
77	MP1A	Z	-6.686	5.53
78	MP1A	Mx	-.004	5.53
79	MP1B	X	3.86	.53
80	MP1B	Z	-6.686	.53
81	MP1B	Mx	.004	.53
82	MP1B	X	3.86	5.53
83	MP1B	Z	-6.686	5.53
84	MP1B	Mx	.004	5.53
85	MP5A	X	3.86	.53
86	MP5A	Z	-6.686	.53
87	MP5A	Mx	-.004	.53
88	MP5A	X	3.86	5.53
89	MP5A	Z	-6.686	5.53
90	MP5A	Mx	-.004	5.53
91	MP5B	X	3.86	.53
92	MP5B	Z	-6.686	.53
93	MP5B	Mx	.004	.53
94	MP5B	X	3.86	5.53
95	MP5B	Z	-6.686	5.53
96	MP5B	Mx	.004	5.53
97	MP1C	X	2.619	.58
98	MP1C	Z	-4.537	.58
99	MP1C	Mx	0	.58
100	MP1C	X	2.619	5.49
101	MP1C	Z	-4.537	5.49
102	MP1C	Mx	0	5.49
103	MP5C	X	2.619	.58
104	MP5C	Z	-4.537	.58
105	MP5C	Mx	0	.58
106	MP5C	X	2.619	5.49
107	MP5C	Z	-4.537	5.49
108	MP5C	Mx	0	5.49
109	MP0.5A	X	2.018	.92
110	MP0.5A	Z	-3.496	.92
111	MP0.5A	Mx	-.001	.92
112	MP0.5A	X	2.018	3.75
113	MP0.5A	Z	-3.496	3.75
114	MP0.5A	Mx	-.001	3.75
115	MP0.5A	X	.108	6
116	MP0.5A	Z	-.186	6
117	MP0.5A	Mx	3.6e-5	6
118	MP0.5A	X	.108	6
119	MP0.5A	Z	-.186	6
120	MP0.5A	Mx	-3.6e-5	6
121	MP0.5B	X	1.436	.92
122	MP0.5B	Z	-2.487	.92
123	MP0.5B	Mx	.002	.92
124	MP0.5B	X	1.436	3.75
125	MP0.5B	Z	-2.487	3.75



Company : GPD  
 Designer : ENIETO  
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**Member Point Loads (BLC 28 : Antenna Wm (30 Deg)) (Continued)**

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]	
126	MP0.5B	Mx	.002	3.75
127	MP0.5B	X	.43	6
128	MP0.5B	Z	-.746	6
129	MP0.5B	Mx	-.000287	6
130	MP0.5B	X	.43	6
131	MP0.5B	Z	-.746	6
132	MP0.5B	Mx	.000287	6
133	MP0.5C	X	2.018	.92
134	MP0.5C	Z	-3.496	.92
135	MP0.5C	Mx	-.001	.92
136	MP0.5C	X	2.018	3.75
137	MP0.5C	Z	-3.496	3.75
138	MP0.5C	Mx	-.001	3.75
139	MP0.5C	X	.108	6
140	MP0.5C	Z	-.186	6
141	MP0.5C	Mx	3.6e-5	6
142	MP0.5C	X	.108	6
143	MP0.5C	Z	-.186	6
144	MP0.5C	Mx	-3.6e-5	6
145	MP2A	X	5.275	.32
146	MP2A	Z	-9.137	.32
147	MP2A	Mx	-.004	.32
148	MP2A	X	5.275	4.35
149	MP2A	Z	-9.137	4.35
150	MP2A	Mx	-.004	4.35
151	MP2B	X	3.409	.32
152	MP2B	Z	-5.905	.32
153	MP2B	Mx	.005	.32
154	MP2B	X	3.409	4.35
155	MP2B	Z	-5.905	4.35
156	MP2B	Mx	.005	4.35
157	MP2C	X	5.275	.32
158	MP2C	Z	-9.137	.32
159	MP2C	Mx	-.004	.32
160	MP2C	X	5.275	4.35
161	MP2C	Z	-9.137	4.35
162	MP2C	Mx	-.004	4.35
163	MP2A	X	1.742	6
164	MP2A	Z	-3.017	6
165	MP2A	Mx	.001	6
166	MP2B	X	.816	6
167	MP2B	Z	-1.413	6
168	MP2B	Mx	-.001	6
169	MP2C	X	1.742	6
170	MP2C	Z	-3.017	6
171	MP2C	Mx	.001	6
172	MP5.5A	X	4.845	.33
173	MP5.5A	Z	-8.393	.33
174	MP5.5A	Mx	-.003	.33
175	MP5.5A	X	4.845	4.33
176	MP5.5A	Z	-8.393	4.33
177	MP5.5A	Mx	-.003	4.33
178	MP5.5A	X	1.742	7.5
179	MP5.5A	Z	-3.017	7.5
180	MP5.5A	Mx	.001	7.5
181	MP5.5A	X	3.193	10.64
182	MP5.5A	Z	-5.53	10.64





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
183	MP5.5A	Mx	.002	10.64
184	MP5.5B	X	4.226	.33
185	MP5.5B	Z	-7.319	.33
186	MP5.5B	Mx	.006	.33
187	MP5.5B	X	4.226	4.33
188	MP5.5B	Z	-7.319	4.33
189	MP5.5B	Mx	.006	4.33
190	MP5.5B	X	.816	7.5
191	MP5.5B	Z	-1.413	7.5
192	MP5.5B	Mx	-.001	7.5
193	MP5.5B	X	3.189	10.64
194	MP5.5B	Z	-5.524	10.64
195	MP5.5B	Mx	-.005	10.64
196	MP5.5C	X	4.845	.33
197	MP5.5C	Z	-8.393	.33
198	MP5.5C	Mx	-.003	.33
199	MP5.5C	X	4.845	4.33
200	MP5.5C	Z	-8.393	4.33
201	MP5.5C	Mx	-.003	4.33
202	MP5.5C	X	1.742	7.5
203	MP5.5C	Z	-3.017	7.5
204	MP5.5C	Mx	.001	7.5
205	MP5.5C	X	3.193	10.64
206	MP5.5C	Z	-5.53	10.64
207	MP5.5C	Mx	.002	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	7.688	12.93
2	MP2A	Z	-4.439	12.93
3	MP2A	Mx	-.006	12.93
4	MP2A	X	7.688	15.74
5	MP2A	Z	-4.439	15.74
6	MP2A	Mx	-.006	15.74
7	MP2B	X	9.678	12.93
8	MP2B	Z	-5.588	12.93
9	MP2B	Mx	-.004	12.93
10	MP2B	X	9.678	15.74
11	MP2B	Z	-5.588	15.74
12	MP2B	Mx	-.004	15.74
13	MP2C	X	9.678	12.93
14	MP2C	Z	-5.588	12.93
15	MP2C	Mx	.011	12.93
16	MP2C	X	9.678	15.74
17	MP2C	Z	-5.588	15.74
18	MP2C	Mx	.011	15.74
19	MP2A	X	7.688	12.93
20	MP2A	Z	-4.439	12.93
21	MP2A	Mx	-.006	12.93
22	MP2A	X	7.688	15.74
23	MP2A	Z	-4.439	15.74
24	MP2A	Mx	-.006	15.74
25	MP2B	X	9.678	12.93
26	MP2B	Z	-5.588	12.93
27	MP2B	Mx	.011	12.93
28	MP2B	X	9.678	15.74



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
29	MP2B	Z	-5.588	15.74
30	MP2B	Mx	.011	15.74
31	MP2C	X	9.678	12.93
32	MP2C	Z	-5.588	12.93
33	MP2C	Mx	-.004	12.93
34	MP2C	X	9.678	15.74
35	MP2C	Z	-5.588	15.74
36	MP2C	Mx	-.004	15.74
37	MP4A	X	1.928	13.37
38	MP4A	Z	-1.113	13.37
39	MP4A	Mx	-.001	13.37
40	MP4A	X	1.928	15.3
41	MP4A	Z	-1.113	15.3
42	MP4A	Mx	-.001	15.3
43	MP4B	X	4.175	13.37
44	MP4B	Z	-2.411	13.37
45	MP4B	Mx	.002	13.37
46	MP4B	X	4.175	15.3
47	MP4B	Z	-2.411	15.3
48	MP4B	Mx	.002	15.3
49	MP4C	X	4.175	13.37
50	MP4C	Z	-2.411	13.37
51	MP4C	Mx	.002	13.37
52	MP4C	X	4.175	15.3
53	MP4C	Z	-2.411	15.3
54	MP4C	Mx	.002	15.3
55	MP2A	X	2.944	11.13
56	MP2A	Z	-1.7	11.13
57	MP2A	Mx	.002	11.13
58	MP2B	X	2.944	11.13
59	MP2B	Z	-1.7	11.13
60	MP2B	Mx	-.002	11.13
61	MP2C	X	3.919	11.13
62	MP2C	Z	-2.262	11.13
63	MP2C	Mx	0	11.13
64	MP2A	X	2.571	9.13
65	MP2A	Z	-1.484	9.13
66	MP2A	Mx	.002	9.13
67	MP2B	X	2.571	9.13
68	MP2B	Z	-1.484	9.13
69	MP2B	Mx	-.002	9.13
70	MP2C	X	3.919	9.13
71	MP2C	Z	-2.262	9.13
72	MP2C	Mx	0	9.13
73	MP1A	X	6.452	.53
74	MP1A	Z	-3.725	.53
75	MP1A	Mx	-.005	.53
76	MP1A	X	6.452	5.53
77	MP1A	Z	-3.725	5.53
78	MP1A	Mx	-.005	5.53
79	MP1B	X	7.153	.53
80	MP1B	Z	-4.13	.53
81	MP1B	Mx	.003	.53
82	MP1B	X	7.153	5.53
83	MP1B	Z	-4.13	5.53
84	MP1B	Mx	.003	5.53
85	MP5A	X	6.452	.53



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
86	MP5A	Z	-3.725	.53
87	MP5A	Mx	-.005	.53
88	MP5A	X	6.452	5.53
89	MP5A	Z	-3.725	5.53
90	MP5A	Mx	-.005	5.53
91	MP5B	X	7.153	.53
92	MP5B	Z	-4.13	.53
93	MP5B	Mx	.003	.53
94	MP5B	X	7.153	5.53
95	MP5B	Z	-4.13	5.53
96	MP5B	Mx	.003	5.53
97	MP1C	X	5.663	.58
98	MP1C	Z	-3.269	.58
99	MP1C	Mx	.002	.58
100	MP1C	X	5.663	5.49
101	MP1C	Z	-3.269	5.49
102	MP1C	Mx	.002	5.49
103	MP5C	X	5.663	.58
104	MP5C	Z	-3.269	.58
105	MP5C	Mx	.002	.58
106	MP5C	X	5.663	5.49
107	MP5C	Z	-3.269	5.49
108	MP5C	Mx	.002	5.49
109	MP0.5A	X	2.824	.92
110	MP0.5A	Z	-1.63	.92
111	MP0.5A	Mx	-.002	.92
112	MP0.5A	X	2.824	3.75
113	MP0.5A	Z	-1.63	3.75
114	MP0.5A	Mx	-.002	3.75
115	MP0.5A	X	.559	6
116	MP0.5A	Z	-.323	6
117	MP0.5A	Mx	.000186	6
118	MP0.5A	X	.559	6
119	MP0.5A	Z	-.323	6
120	MP0.5A	Mx	-.000186	6
121	MP0.5B	X	2.824	.92
122	MP0.5B	Z	-1.63	.92
123	MP0.5B	Mx	.002	.92
124	MP0.5B	X	2.824	3.75
125	MP0.5B	Z	-1.63	3.75
126	MP0.5B	Mx	.002	3.75
127	MP0.5B	X	.559	6
128	MP0.5B	Z	-.323	6
129	MP0.5B	Mx	-.000186	6
130	MP0.5B	X	.559	6
131	MP0.5B	Z	-.323	6
132	MP0.5B	Mx	.000186	6
133	MP0.5C	X	3.832	.92
134	MP0.5C	Z	-2.212	.92
135	MP0.5C	Mx	0	.92
136	MP0.5C	X	3.832	3.75
137	MP0.5C	Z	-2.212	3.75
138	MP0.5C	Mx	0	3.75
139	MP0.5C	X	0	6
140	MP0.5C	Z	0	6
141	MP0.5C	Mx	0	6
142	MP0.5C	X	0	6



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
143	MP0.5C	Z	0	6
144	MP0.5C	Mx	0	6
145	MP2A	X	6.982	.32
146	MP2A	Z	-4.031	.32
147	MP2A	Mx	-.005	.32
148	MP2A	X	6.982	4.35
149	MP2A	Z	-4.031	4.35
150	MP2A	Mx	-.005	4.35
151	MP2B	X	6.982	.32
152	MP2B	Z	-4.031	.32
153	MP2B	Mx	.005	.32
154	MP2B	X	6.982	4.35
155	MP2B	Z	-4.031	4.35
156	MP2B	Mx	.005	4.35
157	MP2C	X	10.214	.32
158	MP2C	Z	-5.897	.32
159	MP2C	Mx	0	.32
160	MP2C	X	10.214	4.35
161	MP2C	Z	-5.897	4.35
162	MP2C	Mx	0	4.35
163	MP2A	X	1.948	6
164	MP2A	Z	-1.124	6
165	MP2A	Mx	.001	6
166	MP2B	X	1.948	6
167	MP2B	Z	-1.124	6
168	MP2B	Mx	-.001	6
169	MP2C	X	3.552	6
170	MP2C	Z	-2.051	6
171	MP2C	Mx	0	6
172	MP5.5A	X	7.677	.33
173	MP5.5A	Z	-4.432	.33
174	MP5.5A	Mx	-.005	.33
175	MP5.5A	X	7.677	4.33
176	MP5.5A	Z	-4.432	4.33
177	MP5.5A	Mx	-.005	4.33
178	MP5.5A	X	1.948	7.5
179	MP5.5A	Z	-1.124	7.5
180	MP5.5A	Mx	.001	7.5
181	MP5.5A	X	5.526	10.64
182	MP5.5A	Z	-3.19	10.64
183	MP5.5A	Mx	.004	10.64
184	MP5.5B	X	7.677	.33
185	MP5.5B	Z	-4.432	.33
186	MP5.5B	Mx	.005	.33
187	MP5.5B	X	7.677	4.33
188	MP5.5B	Z	-4.432	4.33
189	MP5.5B	Mx	.005	4.33
190	MP5.5B	X	1.948	7.5
191	MP5.5B	Z	-1.124	7.5
192	MP5.5B	Mx	-.001	7.5
193	MP5.5B	X	5.526	10.64
194	MP5.5B	Z	-3.19	10.64
195	MP5.5B	Mx	-.004	10.64
196	MP5.5C	X	8.75	.33
197	MP5.5C	Z	-5.052	.33
198	MP5.5C	Mx	0	.33
199	MP5.5C	X	8.75	4.33



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
200	MP5.5C	Z	-5.052	4.33
201	MP5.5C	Mx	0	4.33
202	MP5.5C	X	3.552	7.5
203	MP5.5C	Z	-2.051	7.5
204	MP5.5C	Mx	0	7.5
205	MP5.5C	X	5.532	10.64
206	MP5.5C	Z	-3.194	10.64
207	MP5.5C	Mx	0	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	9.643	12.93
2	MP2A	Z	0	12.93
3	MP2A	Mx	-.002	12.93
4	MP2A	X	9.643	15.74
5	MP2A	Z	0	15.74
6	MP2A	Mx	-.002	15.74
7	MP2B	X	11.941	12.93
8	MP2B	Z	0	12.93
9	MP2B	Mx	-.009	12.93
10	MP2B	X	11.941	15.74
11	MP2B	Z	0	15.74
12	MP2B	Mx	-.009	15.74
13	MP2C	X	9.643	12.93
14	MP2C	Z	0	12.93
15	MP2C	Mx	.009	12.93
16	MP2C	X	9.643	15.74
17	MP2C	Z	0	15.74
18	MP2C	Mx	.009	15.74
19	MP2A	X	9.643	12.93
20	MP2A	Z	0	12.93
21	MP2A	Mx	-.009	12.93
22	MP2A	X	9.643	15.74
23	MP2A	Z	0	15.74
24	MP2A	Mx	-.009	15.74
25	MP2B	X	11.941	12.93
26	MP2B	Z	0	12.93
27	MP2B	Mx	.009	12.93
28	MP2B	X	11.941	15.74
29	MP2B	Z	0	15.74
30	MP2B	Mx	.009	15.74
31	MP2C	X	9.643	12.93
32	MP2C	Z	0	12.93
33	MP2C	Mx	.002	12.93
34	MP2C	X	9.643	15.74
35	MP2C	Z	0	15.74
36	MP2C	Mx	.002	15.74
37	MP4A	X	3.091	13.37
38	MP4A	Z	0	13.37
39	MP4A	Mx	-.002	13.37
40	MP4A	X	3.091	15.3
41	MP4A	Z	0	15.3
42	MP4A	Mx	-.002	15.3
43	MP4B	X	5.686	13.37
44	MP4B	Z	0	13.37
45	MP4B	Mx	0	13.37



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]	
46	MP4B	X	5.686	15.3
47	MP4B	Z	0	15.3
48	MP4B	Mx	0	15.3
49	MP4C	X	3.091	13.37
50	MP4C	Z	0	13.37
51	MP4C	Mx	.002	13.37
52	MP4C	X	3.091	15.3
53	MP4C	Z	0	15.3
54	MP4C	Mx	.002	15.3
55	MP2A	X	3.025	11.13
56	MP2A	Z	0	11.13
57	MP2A	Mx	.003	11.13
58	MP2B	X	4.15	11.13
59	MP2B	Z	0	11.13
60	MP2B	Mx	-.002	11.13
61	MP2C	X	4.15	11.13
62	MP2C	Z	0	11.13
63	MP2C	Mx	-.002	11.13
64	MP2A	X	2.45	9.13
65	MP2A	Z	0	9.13
66	MP2A	Mx	.002	9.13
67	MP2B	X	4.006	9.13
68	MP2B	Z	0	9.13
69	MP2B	Mx	-.002	9.13
70	MP2C	X	4.006	9.13
71	MP2C	Z	0	9.13
72	MP2C	Mx	-.002	9.13
73	MP1A	X	7.72	.53
74	MP1A	Z	0	.53
75	MP1A	Mx	-.004	.53
76	MP1A	X	7.72	5.53
77	MP1A	Z	0	5.53
78	MP1A	Mx	-.004	5.53
79	MP1B	X	8.529	.53
80	MP1B	Z	0	.53
81	MP1B	Mx	0	.53
82	MP1B	X	8.529	5.53
83	MP1B	Z	0	5.53
84	MP1B	Mx	0	5.53
85	MP5A	X	7.72	.53
86	MP5A	Z	0	.53
87	MP5A	Mx	-.004	.53
88	MP5A	X	7.72	5.53
89	MP5A	Z	0	5.53
90	MP5A	Mx	-.004	5.53
91	MP5B	X	8.529	.53
92	MP5B	Z	0	.53
93	MP5B	Mx	0	.53
94	MP5B	X	8.529	5.53
95	MP5B	Z	0	5.53
96	MP5B	Mx	0	5.53
97	MP1C	X	9.139	.58
98	MP1C	Z	0	.58
99	MP1C	Mx	.005	.58
100	MP1C	X	9.139	5.49
101	MP1C	Z	0	5.49
102	MP1C	Mx	.005	5.49



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]	
103	MP5C	X	9.139	.58
104	MP5C	Z	0	.58
105	MP5C	Mx	.005	.58
106	MP5C	X	9.139	5.49
107	MP5C	Z	0	5.49
108	MP5C	Mx	.005	5.49
109	MP0.5A	X	2.872	.92
110	MP0.5A	Z	0	.92
111	MP0.5A	Mx	-.002	.92
112	MP0.5A	X	2.872	3.75
113	MP0.5A	Z	0	3.75
114	MP0.5A	Mx	-.002	3.75
115	MP0.5A	X	.861	6
116	MP0.5A	Z	0	6
117	MP0.5A	Mx	.000287	6
118	MP0.5A	X	.861	6
119	MP0.5A	Z	0	6
120	MP0.5A	Mx	-.000287	6
121	MP0.5B	X	4.036	.92
122	MP0.5B	Z	0	.92
123	MP0.5B	Mx	.001	.92
124	MP0.5B	X	4.036	3.75
125	MP0.5B	Z	0	3.75
126	MP0.5B	Mx	.001	3.75
127	MP0.5B	X	.215	6
128	MP0.5B	Z	0	6
129	MP0.5B	Mx	-3.6e-5	6
130	MP0.5B	X	.215	6
131	MP0.5B	Z	0	6
132	MP0.5B	Mx	3.6e-5	6
133	MP0.5C	X	4.036	.92
134	MP0.5C	Z	0	.92
135	MP0.5C	Mx	.001	.92
136	MP0.5C	X	4.036	3.75
137	MP0.5C	Z	0	3.75
138	MP0.5C	Mx	.001	3.75
139	MP0.5C	X	.215	6
140	MP0.5C	Z	0	6
141	MP0.5C	Mx	-3.6e-5	6
142	MP0.5C	X	.215	6
143	MP0.5C	Z	0	6
144	MP0.5C	Mx	3.6e-5	6
145	MP2A	X	6.818	.32
146	MP2A	Z	0	.32
147	MP2A	Mx	-.005	.32
148	MP2A	X	6.818	4.35
149	MP2A	Z	0	4.35
150	MP2A	Mx	-.005	4.35
151	MP2B	X	10.55	.32
152	MP2B	Z	0	.32
153	MP2B	Mx	.004	.32
154	MP2B	X	10.55	4.35
155	MP2B	Z	0	4.35
156	MP2B	Mx	.004	4.35
157	MP2C	X	10.55	.32
158	MP2C	Z	0	.32
159	MP2C	Mx	.004	.32



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
160	MP2C	X	10.55	4.35
161	MP2C	Z	0	4.35
162	MP2C	Mx	.004	4.35
163	MP2A	X	1.631	6
164	MP2A	Z	0	6
165	MP2A	Mx	.001	6
166	MP2B	X	3.484	6
167	MP2B	Z	0	6
168	MP2B	Mx	-.001	6
169	MP2C	X	3.484	6
170	MP2C	Z	0	6
171	MP2C	Mx	-.001	6
172	MP5.5A	X	8.451	.33
173	MP5.5A	Z	0	.33
174	MP5.5A	Mx	-.006	.33
175	MP5.5A	X	8.451	4.33
176	MP5.5A	Z	0	4.33
177	MP5.5A	Mx	-.006	4.33
178	MP5.5A	X	1.631	7.5
179	MP5.5A	Z	0	7.5
180	MP5.5A	Mx	.001	7.5
181	MP5.5A	X	6.379	10.64
182	MP5.5A	Z	0	10.64
183	MP5.5A	Mx	.005	10.64
184	MP5.5B	X	9.691	.33
185	MP5.5B	Z	0	.33
186	MP5.5B	Mx	.003	.33
187	MP5.5B	X	9.691	4.33
188	MP5.5B	Z	0	4.33
189	MP5.5B	Mx	.003	4.33
190	MP5.5B	X	3.484	7.5
191	MP5.5B	Z	0	7.5
192	MP5.5B	Mx	-.001	7.5
193	MP5.5B	X	6.386	10.64
194	MP5.5B	Z	0	10.64
195	MP5.5B	Mx	-.002	10.64
196	MP5.5C	X	9.691	.33
197	MP5.5C	Z	0	.33
198	MP5.5C	Mx	.003	.33
199	MP5.5C	X	9.691	4.33
200	MP5.5C	Z	0	4.33
201	MP5.5C	Mx	.003	4.33
202	MP5.5C	X	3.484	7.5
203	MP5.5C	Z	0	7.5
204	MP5.5C	Mx	-.001	7.5
205	MP5.5C	X	6.386	10.64
206	MP5.5C	Z	0	10.64
207	MP5.5C	Mx	-.002	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	9.678	12.93
2	MP2A	Z	5.588	12.93
3	MP2A	Mx	.004	12.93
4	MP2A	X	9.678	15.74
5	MP2A	Z	5.588	15.74





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
6	MP2A	Mx	.004	15.74
7	MP2B	X	9.678	12.93
8	MP2B	Z	5.588	12.93
9	MP2B	Mx	-.011	12.93
10	MP2B	X	9.678	15.74
11	MP2B	Z	5.588	15.74
12	MP2B	Mx	-.011	15.74
13	MP2C	X	7.688	12.93
14	MP2C	Z	4.439	12.93
15	MP2C	Mx	.006	12.93
16	MP2C	X	7.688	15.74
17	MP2C	Z	4.439	15.74
18	MP2C	Mx	.006	15.74
19	MP2A	X	9.678	12.93
20	MP2A	Z	5.588	12.93
21	MP2A	Mx	-.011	12.93
22	MP2A	X	9.678	15.74
23	MP2A	Z	5.588	15.74
24	MP2A	Mx	-.011	15.74
25	MP2B	X	9.678	12.93
26	MP2B	Z	5.588	12.93
27	MP2B	Mx	.004	12.93
28	MP2B	X	9.678	15.74
29	MP2B	Z	5.588	15.74
30	MP2B	Mx	.004	15.74
31	MP2C	X	7.688	12.93
32	MP2C	Z	4.439	12.93
33	MP2C	Mx	.006	12.93
34	MP2C	X	7.688	15.74
35	MP2C	Z	4.439	15.74
36	MP2C	Mx	.006	15.74
37	MP4A	X	4.175	13.37
38	MP4A	Z	2.411	13.37
39	MP4A	Mx	-.002	13.37
40	MP4A	X	4.175	15.3
41	MP4A	Z	2.411	15.3
42	MP4A	Mx	-.002	15.3
43	MP4B	X	4.175	13.37
44	MP4B	Z	2.411	13.37
45	MP4B	Mx	-.002	13.37
46	MP4B	X	4.175	15.3
47	MP4B	Z	2.411	15.3
48	MP4B	Mx	-.002	15.3
49	MP4C	X	1.928	13.37
50	MP4C	Z	1.113	13.37
51	MP4C	Mx	.001	13.37
52	MP4C	X	1.928	15.3
53	MP4C	Z	1.113	15.3
54	MP4C	Mx	.001	15.3
55	MP2A	X	2.944	11.13
56	MP2A	Z	1.7	11.13
57	MP2A	Mx	.002	11.13
58	MP2B	X	3.919	11.13
59	MP2B	Z	2.262	11.13
60	MP2B	Mx	0	11.13
61	MP2C	X	2.944	11.13
62	MP2C	Z	1.7	11.13



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
63	MP2C	Mx	- .002	11.13
64	MP2A	X	2.571	9.13
65	MP2A	Z	1.484	9.13
66	MP2A	Mx	.002	9.13
67	MP2B	X	3.919	9.13
68	MP2B	Z	2.262	9.13
69	MP2B	Mx	0	9.13
70	MP2C	X	2.571	9.13
71	MP2C	Z	1.484	9.13
72	MP2C	Mx	-.002	9.13
73	MP1A	X	7.153	.53
74	MP1A	Z	4.13	.53
75	MP1A	Mx	-.003	.53
76	MP1A	X	7.153	5.53
77	MP1A	Z	4.13	5.53
78	MP1A	Mx	-.003	5.53
79	MP1B	X	7.153	.53
80	MP1B	Z	4.13	.53
81	MP1B	Mx	-.003	.53
82	MP1B	X	7.153	5.53
83	MP1B	Z	4.13	5.53
84	MP1B	Mx	-.003	5.53
85	MP5A	X	7.153	.53
86	MP5A	Z	4.13	.53
87	MP5A	Mx	-.003	.53
88	MP5A	X	7.153	5.53
89	MP5A	Z	4.13	5.53
90	MP5A	Mx	-.003	5.53
91	MP5B	X	7.153	.53
92	MP5B	Z	4.13	.53
93	MP5B	Mx	-.003	.53
94	MP5B	X	7.153	5.53
95	MP5B	Z	4.13	5.53
96	MP5B	Mx	-.003	5.53
97	MP1C	X	9.04	.58
98	MP1C	Z	5.219	.58
99	MP1C	Mx	.007	.58
100	MP1C	X	9.04	5.49
101	MP1C	Z	5.219	5.49
102	MP1C	Mx	.007	5.49
103	MP5C	X	9.04	.58
104	MP5C	Z	5.219	.58
105	MP5C	Mx	.007	.58
106	MP5C	X	9.04	5.49
107	MP5C	Z	5.219	5.49
108	MP5C	Mx	.007	5.49
109	MP0.5A	X	2.824	.92
110	MP0.5A	Z	1.63	.92
111	MP0.5A	Mx	-.002	.92
112	MP0.5A	X	2.824	3.75
113	MP0.5A	Z	1.63	3.75
114	MP0.5A	Mx	-.002	3.75
115	MP0.5A	X	.559	6
116	MP0.5A	Z	.323	6
117	MP0.5A	Mx	.000186	6
118	MP0.5A	X	.559	6
119	MP0.5A	Z	.323	6



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
120	MP0.5A	Mx	6
121	MP0.5B	X	.92
122	MP0.5B	Z	.92
123	MP0.5B	Mx	.92
124	MP0.5B	X	3.75
125	MP0.5B	Z	3.75
126	MP0.5B	Mx	3.75
127	MP0.5B	X	6
128	MP0.5B	Z	6
129	MP0.5B	Mx	6
130	MP0.5B	X	6
131	MP0.5B	Z	6
132	MP0.5B	Mx	6
133	MP0.5C	X	.92
134	MP0.5C	Z	.92
135	MP0.5C	Mx	.92
136	MP0.5C	X	3.75
137	MP0.5C	Z	3.75
138	MP0.5C	Mx	3.75
139	MP0.5C	X	6
140	MP0.5C	Z	6
141	MP0.5C	Mx	6
142	MP0.5C	X	6
143	MP0.5C	Z	6
144	MP0.5C	Mx	6
145	MP2A	X	.32
146	MP2A	Z	.32
147	MP2A	Mx	.32
148	MP2A	X	4.35
149	MP2A	Z	4.35
150	MP2A	Mx	4.35
151	MP2B	X	.32
152	MP2B	Z	.32
153	MP2B	Mx	.32
154	MP2B	X	4.35
155	MP2B	Z	4.35
156	MP2B	Mx	4.35
157	MP2C	X	.32
158	MP2C	Z	.32
159	MP2C	Mx	.32
160	MP2C	X	4.35
161	MP2C	Z	4.35
162	MP2C	Mx	4.35
163	MP2A	X	6
164	MP2A	Z	6
165	MP2A	Mx	6
166	MP2B	X	6
167	MP2B	Z	6
168	MP2B	Mx	6
169	MP2C	X	6
170	MP2C	Z	6
171	MP2C	Mx	6
172	MP5.5A	X	.33
173	MP5.5A	Z	.33
174	MP5.5A	Mx	.33
175	MP5.5A	X	4.33
176	MP5.5A	Z	4.33



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
177	MP5.5A	Mx	- .005	4.33
178	MP5.5A	X	1.948	7.5
179	MP5.5A	Z	1.124	7.5
180	MP5.5A	Mx	.001	7.5
181	MP5.5A	X	5.526	10.64
182	MP5.5A	Z	3.19	10.64
183	MP5.5A	Mx	.004	10.64
184	MP5.5B	X	8.75	.33
185	MP5.5B	Z	5.052	.33
186	MP5.5B	Mx	0	.33
187	MP5.5B	X	8.75	4.33
188	MP5.5B	Z	5.052	4.33
189	MP5.5B	Mx	0	4.33
190	MP5.5B	X	3.552	7.5
191	MP5.5B	Z	2.051	7.5
192	MP5.5B	Mx	0	7.5
193	MP5.5B	X	5.532	10.64
194	MP5.5B	Z	3.194	10.64
195	MP5.5B	Mx	0	10.64
196	MP5.5C	X	7.677	.33
197	MP5.5C	Z	4.432	.33
198	MP5.5C	Mx	.005	.33
199	MP5.5C	X	7.677	4.33
200	MP5.5C	Z	4.432	4.33
201	MP5.5C	Mx	.005	4.33
202	MP5.5C	X	1.948	7.5
203	MP5.5C	Z	1.124	7.5
204	MP5.5C	Mx	- .001	7.5
205	MP5.5C	X	5.526	10.64
206	MP5.5C	Z	3.19	10.64
207	MP5.5C	Mx	- .004	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	5.97	12.93
2	MP2A	Z	10.341	12.93
3	MP2A	Mx	.009	12.93
4	MP2A	X	5.97	15.74
5	MP2A	Z	10.341	15.74
6	MP2A	Mx	.009	15.74
7	MP2B	X	4.822	12.93
8	MP2B	Z	8.351	12.93
9	MP2B	Mx	- .009	12.93
10	MP2B	X	4.822	15.74
11	MP2B	Z	8.351	15.74
12	MP2B	Mx	- .009	15.74
13	MP2C	X	4.822	12.93
14	MP2C	Z	8.351	12.93
15	MP2C	Mx	.002	12.93
16	MP2C	X	4.822	15.74
17	MP2C	Z	8.351	15.74
18	MP2C	Mx	.002	15.74
19	MP2A	X	5.97	12.93
20	MP2A	Z	10.341	12.93
21	MP2A	Mx	- .009	12.93
22	MP2A	X	5.97	15.74



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
23	MP2A	Z	10.341	15.74
24	MP2A	Mx	-.009	15.74
25	MP2B	X	4.822	12.93
26	MP2B	Z	8.351	12.93
27	MP2B	Mx	-.002	12.93
28	MP2B	X	4.822	15.74
29	MP2B	Z	8.351	15.74
30	MP2B	Mx	-.002	15.74
31	MP2C	X	4.822	12.93
32	MP2C	Z	8.351	12.93
33	MP2C	Mx	.009	12.93
34	MP2C	X	4.822	15.74
35	MP2C	Z	8.351	15.74
36	MP2C	Mx	.009	15.74
37	MP4A	X	2.843	13.37
38	MP4A	Z	4.924	13.37
39	MP4A	Mx	0	13.37
40	MP4A	X	2.843	15.3
41	MP4A	Z	4.924	15.3
42	MP4A	Mx	0	15.3
43	MP4B	X	1.546	13.37
44	MP4B	Z	2.677	13.37
45	MP4B	Mx	-.002	13.37
46	MP4B	X	1.546	15.3
47	MP4B	Z	2.677	15.3
48	MP4B	Mx	-.002	15.3
49	MP4C	X	1.546	13.37
50	MP4C	Z	2.677	13.37
51	MP4C	Mx	.002	13.37
52	MP4C	X	1.546	15.3
53	MP4C	Z	2.677	15.3
54	MP4C	Mx	.002	15.3
55	MP2A	X	2.075	11.13
56	MP2A	Z	3.594	11.13
57	MP2A	Mx	.002	11.13
58	MP2B	X	2.075	11.13
59	MP2B	Z	3.594	11.13
60	MP2B	Mx	.002	11.13
61	MP2C	X	1.512	11.13
62	MP2C	Z	2.619	11.13
63	MP2C	Mx	-.003	11.13
64	MP2A	X	2.003	9.13
65	MP2A	Z	3.469	9.13
66	MP2A	Mx	.002	9.13
67	MP2B	X	2.003	9.13
68	MP2B	Z	3.469	9.13
69	MP2B	Mx	.002	9.13
70	MP2C	X	1.225	9.13
71	MP2C	Z	2.122	9.13
72	MP2C	Mx	-.002	9.13
73	MP1A	X	4.265	.53
74	MP1A	Z	7.387	.53
75	MP1A	Mx	0	.53
76	MP1A	X	4.265	5.53
77	MP1A	Z	7.387	5.53
78	MP1A	Mx	0	5.53
79	MP1B	X	3.86	.53



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]	
80	MP1B	Z	6.686	.53
81	MP1B	Mx	-.004	.53
82	MP1B	X	3.86	5.53
83	MP1B	Z	6.686	5.53
84	MP1B	Mx	-.004	5.53
85	MP5A	X	4.265	.53
86	MP5A	Z	7.387	.53
87	MP5A	Mx	0	.53
88	MP5A	X	4.265	5.53
89	MP5A	Z	7.387	5.53
90	MP5A	Mx	0	5.53
91	MP5B	X	3.86	.53
92	MP5B	Z	6.686	.53
93	MP5B	Mx	-.004	.53
94	MP5B	X	3.86	5.53
95	MP5B	Z	6.686	5.53
96	MP5B	Mx	-.004	5.53
97	MP1C	X	4.569	.58
98	MP1C	Z	7.914	.58
99	MP1C	Mx	.005	.58
100	MP1C	X	4.569	5.49
101	MP1C	Z	7.914	5.49
102	MP1C	Mx	.005	5.49
103	MP5C	X	4.569	.58
104	MP5C	Z	7.914	.58
105	MP5C	Mx	.005	.58
106	MP5C	X	4.569	5.49
107	MP5C	Z	7.914	5.49
108	MP5C	Mx	.005	5.49
109	MP0.5A	X	2.018	.92
110	MP0.5A	Z	3.496	.92
111	MP0.5A	Mx	-.001	.92
112	MP0.5A	X	2.018	3.75
113	MP0.5A	Z	3.496	3.75
114	MP0.5A	Mx	-.001	3.75
115	MP0.5A	X	.108	6
116	MP0.5A	Z	.186	6
117	MP0.5A	Mx	3.6e-5	6
118	MP0.5A	X	.108	6
119	MP0.5A	Z	.186	6
120	MP0.5A	Mx	-3.6e-5	6
121	MP0.5B	X	2.018	.92
122	MP0.5B	Z	3.496	.92
123	MP0.5B	Mx	-.001	.92
124	MP0.5B	X	2.018	3.75
125	MP0.5B	Z	3.496	3.75
126	MP0.5B	Mx	-.001	3.75
127	MP0.5B	X	.108	6
128	MP0.5B	Z	.186	6
129	MP0.5B	Mx	3.6e-5	6
130	MP0.5B	X	.108	6
131	MP0.5B	Z	.186	6
132	MP0.5B	Mx	-3.6e-5	6
133	MP0.5C	X	1.436	.92
134	MP0.5C	Z	2.487	.92
135	MP0.5C	Mx	.002	.92
136	MP0.5C	X	1.436	3.75



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]	
137	MP0.5C	Z	2.487	3.75
138	MP0.5C	Mx	.002	3.75
139	MP0.5C	X	.43	6
140	MP0.5C	Z	.746	6
141	MP0.5C	Mx	-.000287	6
142	MP0.5C	X	.43	6
143	MP0.5C	Z	.746	6
144	MP0.5C	Mx	.000287	6
145	MP2A	X	5.275	.32
146	MP2A	Z	9.137	.32
147	MP2A	Mx	-.004	.32
148	MP2A	X	5.275	4.35
149	MP2A	Z	9.137	4.35
150	MP2A	Mx	-.004	4.35
151	MP2B	X	5.275	.32
152	MP2B	Z	9.137	.32
153	MP2B	Mx	-.004	.32
154	MP2B	X	5.275	4.35
155	MP2B	Z	9.137	4.35
156	MP2B	Mx	-.004	4.35
157	MP2C	X	3.409	.32
158	MP2C	Z	5.905	.32
159	MP2C	Mx	.005	.32
160	MP2C	X	3.409	4.35
161	MP2C	Z	5.905	4.35
162	MP2C	Mx	.005	4.35
163	MP2A	X	1.742	6
164	MP2A	Z	3.017	6
165	MP2A	Mx	.001	6
166	MP2B	X	1.742	6
167	MP2B	Z	3.017	6
168	MP2B	Mx	.001	6
169	MP2C	X	.816	6
170	MP2C	Z	1.413	6
171	MP2C	Mx	-.001	6
172	MP5.5A	X	4.845	.33
173	MP5.5A	Z	8.393	.33
174	MP5.5A	Mx	-.003	.33
175	MP5.5A	X	4.845	4.33
176	MP5.5A	Z	8.393	4.33
177	MP5.5A	Mx	-.003	4.33
178	MP5.5A	X	1.742	7.5
179	MP5.5A	Z	3.017	7.5
180	MP5.5A	Mx	.001	7.5
181	MP5.5A	X	3.193	10.64
182	MP5.5A	Z	5.53	10.64
183	MP5.5A	Mx	.002	10.64
184	MP5.5B	X	4.845	.33
185	MP5.5B	Z	8.393	.33
186	MP5.5B	Mx	-.003	.33
187	MP5.5B	X	4.845	4.33
188	MP5.5B	Z	8.393	4.33
189	MP5.5B	Mx	-.003	4.33
190	MP5.5B	X	1.742	7.5
191	MP5.5B	Z	3.017	7.5
192	MP5.5B	Mx	.001	7.5
193	MP5.5B	X	3.193	10.64



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
194	MP5.5B	Z	5.53	10.64
195	MP5.5B	Mx	.002	10.64
196	MP5.5C	X	4.226	.33
197	MP5.5C	Z	7.319	.33
198	MP5.5C	Mx	.006	.33
199	MP5.5C	X	4.226	4.33
200	MP5.5C	Z	7.319	4.33
201	MP5.5C	Mx	.006	4.33
202	MP5.5C	X	.816	7.5
203	MP5.5C	Z	1.413	7.5
204	MP5.5C	Mx	-.001	7.5
205	MP5.5C	X	3.189	10.64
206	MP5.5C	Z	5.524	10.64
207	MP5.5C	Mx	-.005	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	0	12.93
2	MP2A	Z	11.175	12.93
3	MP2A	Mx	.011	12.93
4	MP2A	X	0	15.74
5	MP2A	Z	11.175	15.74
6	MP2A	Mx	.011	15.74
7	MP2B	X	0	12.93
8	MP2B	Z	8.878	12.93
9	MP2B	Mx	-.006	12.93
10	MP2B	X	0	15.74
11	MP2B	Z	8.878	15.74
12	MP2B	Mx	-.006	15.74
13	MP2C	X	0	12.93
14	MP2C	Z	11.175	12.93
15	MP2C	Mx	-.004	12.93
16	MP2C	X	0	15.74
17	MP2C	Z	11.175	15.74
18	MP2C	Mx	-.004	15.74
19	MP2A	X	0	12.93
20	MP2A	Z	11.175	12.93
21	MP2A	Mx	-.004	12.93
22	MP2A	X	0	15.74
23	MP2A	Z	11.175	15.74
24	MP2A	Mx	-.004	15.74
25	MP2B	X	0	12.93
26	MP2B	Z	8.878	12.93
27	MP2B	Mx	-.006	12.93
28	MP2B	X	0	15.74
29	MP2B	Z	8.878	15.74
30	MP2B	Mx	-.006	15.74
31	MP2C	X	0	12.93
32	MP2C	Z	11.175	12.93
33	MP2C	Mx	.011	12.93
34	MP2C	X	0	15.74
35	MP2C	Z	11.175	15.74
36	MP2C	Mx	.011	15.74
37	MP4A	X	0	13.37
38	MP4A	Z	4.821	13.37
39	MP4A	Mx	.002	13.37





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
40	MP4A	X	0	15.3
41	MP4A	Z	4.821	15.3
42	MP4A	Mx	.002	15.3
43	MP4B	X	0	13.37
44	MP4B	Z	2.226	13.37
45	MP4B	Mx	-.001	13.37
46	MP4B	X	0	15.3
47	MP4B	Z	2.226	15.3
48	MP4B	Mx	-.001	15.3
49	MP4C	X	0	13.37
50	MP4C	Z	4.821	13.37
51	MP4C	Mx	.002	13.37
52	MP4C	X	0	15.3
53	MP4C	Z	4.821	15.3
54	MP4C	Mx	.002	15.3
55	MP2A	X	0	11.13
56	MP2A	Z	4.525	11.13
57	MP2A	Mx	0	11.13
58	MP2B	X	0	11.13
59	MP2B	Z	3.4	11.13
60	MP2B	Mx	.002	11.13
61	MP2C	X	0	11.13
62	MP2C	Z	3.4	11.13
63	MP2C	Mx	-.002	11.13
64	MP2A	X	0	9.13
65	MP2A	Z	4.525	9.13
66	MP2A	Mx	0	9.13
67	MP2B	X	0	9.13
68	MP2B	Z	2.969	9.13
69	MP2B	Mx	.002	9.13
70	MP2C	X	0	9.13
71	MP2C	Z	2.969	9.13
72	MP2C	Mx	-.002	9.13
73	MP1A	X	0	.53
74	MP1A	Z	8.26	.53
75	MP1A	Mx	.003	.53
76	MP1A	X	0	5.53
77	MP1A	Z	8.26	5.53
78	MP1A	Mx	.003	5.53
79	MP1B	X	0	.53
80	MP1B	Z	7.45	.53
81	MP1B	Mx	-.005	.53
82	MP1B	X	0	5.53
83	MP1B	Z	7.45	5.53
84	MP1B	Mx	-.005	5.53
85	MP5A	X	0	.53
86	MP5A	Z	8.26	.53
87	MP5A	Mx	.003	.53
88	MP5A	X	0	5.53
89	MP5A	Z	8.26	5.53
90	MP5A	Mx	.003	5.53
91	MP5B	X	0	.53
92	MP5B	Z	7.45	.53
93	MP5B	Mx	-.005	.53
94	MP5B	X	0	5.53
95	MP5B	Z	7.45	5.53
96	MP5B	Mx	-.005	5.53



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
97	MP1C	X	0	.58
98	MP1C	Z	6.539	.58
99	MP1C	Mx	.002	.58
100	MP1C	X	0	5.49
101	MP1C	Z	6.539	5.49
102	MP1C	Mx	.002	5.49
103	MP5C	X	0	.58
104	MP5C	Z	6.539	.58
105	MP5C	Mx	.002	.58
106	MP5C	X	0	5.49
107	MP5C	Z	6.539	5.49
108	MP5C	Mx	.002	5.49
109	MP0.5A	X	0	.92
110	MP0.5A	Z	4.424	.92
111	MP0.5A	Mx	0	.92
112	MP0.5A	X	0	3.75
113	MP0.5A	Z	4.424	3.75
114	MP0.5A	Mx	0	3.75
115	MP0.5A	X	0	6
116	MP0.5A	Z	0	6
117	MP0.5A	Mx	0	6
118	MP0.5A	X	0	6
119	MP0.5A	Z	0	6
120	MP0.5A	Mx	0	6
121	MP0.5B	X	0	.92
122	MP0.5B	Z	3.26	.92
123	MP0.5B	Mx	-.002	.92
124	MP0.5B	X	0	3.75
125	MP0.5B	Z	3.26	3.75
126	MP0.5B	Mx	-.002	3.75
127	MP0.5B	X	0	6
128	MP0.5B	Z	.646	6
129	MP0.5B	Mx	.000186	6
130	MP0.5B	X	0	6
131	MP0.5B	Z	.646	6
132	MP0.5B	Mx	-.000186	6
133	MP0.5C	X	0	.92
134	MP0.5C	Z	3.26	.92
135	MP0.5C	Mx	.002	.92
136	MP0.5C	X	0	3.75
137	MP0.5C	Z	3.26	3.75
138	MP0.5C	Mx	.002	3.75
139	MP0.5C	X	0	6
140	MP0.5C	Z	.646	6
141	MP0.5C	Mx	-.000186	6
142	MP0.5C	X	0	6
143	MP0.5C	Z	.646	6
144	MP0.5C	Mx	.000186	6
145	MP2A	X	0	.32
146	MP2A	Z	11.794	.32
147	MP2A	Mx	0	.32
148	MP2A	X	0	4.35
149	MP2A	Z	11.794	4.35
150	MP2A	Mx	0	4.35
151	MP2B	X	0	.32
152	MP2B	Z	8.062	.32
153	MP2B	Mx	-.005	.32



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]	
154	MP2B	X	0	4.35
155	MP2B	Z	8.062	4.35
156	MP2B	Mx	-.005	4.35
157	MP2C	X	0	.32
158	MP2C	Z	8.062	.32
159	MP2C	Mx	.005	.32
160	MP2C	X	0	4.35
161	MP2C	Z	8.062	4.35
162	MP2C	Mx	.005	4.35
163	MP2A	X	0	6
164	MP2A	Z	4.101	6
165	MP2A	Mx	0	6
166	MP2B	X	0	6
167	MP2B	Z	2.249	6
168	MP2B	Mx	.001	6
169	MP2C	X	0	6
170	MP2C	Z	2.249	6
171	MP2C	Mx	-.001	6
172	MP5.5A	X	0	.33
173	MP5.5A	Z	10.104	.33
174	MP5.5A	Mx	0	.33
175	MP5.5A	X	0	4.33
176	MP5.5A	Z	10.104	4.33
177	MP5.5A	Mx	0	4.33
178	MP5.5A	X	0	7.5
179	MP5.5A	Z	4.101	7.5
180	MP5.5A	Mx	0	7.5
181	MP5.5A	X	0	10.64
182	MP5.5A	Z	6.388	10.64
183	MP5.5A	Mx	0	10.64
184	MP5.5B	X	0	.33
185	MP5.5B	Z	8.864	.33
186	MP5.5B	Mx	-.005	.33
187	MP5.5B	X	0	4.33
188	MP5.5B	Z	8.864	4.33
189	MP5.5B	Mx	-.005	4.33
190	MP5.5B	X	0	7.5
191	MP5.5B	Z	2.249	7.5
192	MP5.5B	Mx	.001	7.5
193	MP5.5B	X	0	10.64
194	MP5.5B	Z	6.381	10.64
195	MP5.5B	Mx	.004	10.64
196	MP5.5C	X	0	.33
197	MP5.5C	Z	8.864	.33
198	MP5.5C	Mx	.005	.33
199	MP5.5C	X	0	4.33
200	MP5.5C	Z	8.864	4.33
201	MP5.5C	Mx	.005	4.33
202	MP5.5C	X	0	7.5
203	MP5.5C	Z	2.249	7.5
204	MP5.5C	Mx	-.001	7.5
205	MP5.5C	X	0	10.64
206	MP5.5C	Z	6.381	10.64
207	MP5.5C	Mx	-.004	10.64

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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
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**Member Point Loads (BLC 34 : Antenna Wm (210 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-4.822	12.93
2	MP2A	Z	8.351	12.93
3	MP2A	Mx	.009	12.93
4	MP2A	X	-4.822	15.74
5	MP2A	Z	8.351	15.74
6	MP2A	Mx	.009	15.74
7	MP2B	X	-4.822	12.93
8	MP2B	Z	8.351	12.93
9	MP2B	Mx	-.002	12.93
10	MP2B	X	-4.822	15.74
11	MP2B	Z	8.351	15.74
12	MP2B	Mx	-.002	15.74
13	MP2C	X	-5.97	12.93
14	MP2C	Z	10.341	12.93
15	MP2C	Mx	-.009	12.93
16	MP2C	X	-5.97	15.74
17	MP2C	Z	10.341	15.74
18	MP2C	Mx	-.009	15.74
19	MP2A	X	-4.822	12.93
20	MP2A	Z	8.351	12.93
21	MP2A	Mx	.002	12.93
22	MP2A	X	-4.822	15.74
23	MP2A	Z	8.351	15.74
24	MP2A	Mx	.002	15.74
25	MP2B	X	-4.822	12.93
26	MP2B	Z	8.351	12.93
27	MP2B	Mx	-.009	12.93
28	MP2B	X	-4.822	15.74
29	MP2B	Z	8.351	15.74
30	MP2B	Mx	-.009	15.74
31	MP2C	X	-5.97	12.93
32	MP2C	Z	10.341	12.93
33	MP2C	Mx	.009	12.93
34	MP2C	X	-5.97	15.74
35	MP2C	Z	10.341	15.74
36	MP2C	Mx	.009	15.74
37	MP4A	X	-1.546	13.37
38	MP4A	Z	2.677	13.37
39	MP4A	Mx	.002	13.37
40	MP4A	X	-1.546	15.3
41	MP4A	Z	2.677	15.3
42	MP4A	Mx	.002	15.3
43	MP4B	X	-1.546	13.37
44	MP4B	Z	2.677	13.37
45	MP4B	Mx	-.002	13.37
46	MP4B	X	-1.546	15.3
47	MP4B	Z	2.677	15.3
48	MP4B	Mx	-.002	15.3
49	MP4C	X	-2.843	13.37
50	MP4C	Z	4.924	13.37
51	MP4C	Mx	0	13.37
52	MP4C	X	-2.843	15.3
53	MP4C	Z	4.924	15.3
54	MP4C	Mx	0	15.3
55	MP2A	X	-2.075	11.13
56	MP2A	Z	3.594	11.13
57	MP2A	Mx	-.002	11.13



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
58	MP2B	X	-1.512	11.13
59	MP2B	Z	2.619	11.13
60	MP2B	Mx	.003	11.13
61	MP2C	X	-2.075	11.13
62	MP2C	Z	3.594	11.13
63	MP2C	Mx	-.002	11.13
64	MP2A	X	-2.003	9.13
65	MP2A	Z	3.469	9.13
66	MP2A	Mx	-.002	9.13
67	MP2B	X	-1.225	9.13
68	MP2B	Z	2.122	9.13
69	MP2B	Mx	.002	9.13
70	MP2C	X	-2.003	9.13
71	MP2C	Z	3.469	9.13
72	MP2C	Mx	-.002	9.13
73	MP1A	X	-3.86	.53
74	MP1A	Z	6.686	.53
75	MP1A	Mx	.004	.53
76	MP1A	X	-3.86	5.53
77	MP1A	Z	6.686	5.53
78	MP1A	Mx	.004	5.53
79	MP1B	X	-3.86	.53
80	MP1B	Z	6.686	.53
81	MP1B	Mx	-.004	.53
82	MP1B	X	-3.86	5.53
83	MP1B	Z	6.686	5.53
84	MP1B	Mx	-.004	5.53
85	MP5A	X	-3.86	.53
86	MP5A	Z	6.686	.53
87	MP5A	Mx	.004	.53
88	MP5A	X	-3.86	5.53
89	MP5A	Z	6.686	5.53
90	MP5A	Mx	.004	5.53
91	MP5B	X	-3.86	.53
92	MP5B	Z	6.686	.53
93	MP5B	Mx	-.004	.53
94	MP5B	X	-3.86	5.53
95	MP5B	Z	6.686	5.53
96	MP5B	Mx	-.004	5.53
97	MP1C	X	-2.619	.58
98	MP1C	Z	4.537	.58
99	MP1C	Mx	0	.58
100	MP1C	X	-2.619	5.49
101	MP1C	Z	4.537	5.49
102	MP1C	Mx	0	5.49
103	MP5C	X	-2.619	.58
104	MP5C	Z	4.537	.58
105	MP5C	Mx	0	.58
106	MP5C	X	-2.619	5.49
107	MP5C	Z	4.537	5.49
108	MP5C	Mx	0	5.49
109	MP0.5A	X	-2.018	.92
110	MP0.5A	Z	3.496	.92
111	MP0.5A	Mx	.001	.92
112	MP0.5A	X	-2.018	3.75
113	MP0.5A	Z	3.496	3.75
114	MP0.5A	Mx	.001	3.75



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]	
115	MP0.5A	X	- .108	6
116	MP0.5A	Z	.186	6
117	MP0.5A	Mx	-3.6e-5	6
118	MP0.5A	X	- .108	6
119	MP0.5A	Z	.186	6
120	MP0.5A	Mx	3.6e-5	6
121	MP0.5B	X	-1.436	.92
122	MP0.5B	Z	2.487	.92
123	MP0.5B	Mx	-.002	.92
124	MP0.5B	X	-1.436	3.75
125	MP0.5B	Z	2.487	3.75
126	MP0.5B	Mx	-.002	3.75
127	MP0.5B	X	-.43	6
128	MP0.5B	Z	.746	6
129	MP0.5B	Mx	.000287	6
130	MP0.5B	X	-.43	6
131	MP0.5B	Z	.746	6
132	MP0.5B	Mx	-.000287	6
133	MP0.5C	X	-2.018	.92
134	MP0.5C	Z	3.496	.92
135	MP0.5C	Mx	.001	.92
136	MP0.5C	X	-2.018	3.75
137	MP0.5C	Z	3.496	3.75
138	MP0.5C	Mx	.001	3.75
139	MP0.5C	X	-.108	6
140	MP0.5C	Z	.186	6
141	MP0.5C	Mx	-3.6e-5	6
142	MP0.5C	X	-.108	6
143	MP0.5C	Z	.186	6
144	MP0.5C	Mx	3.6e-5	6
145	MP2A	X	-5.275	.32
146	MP2A	Z	9.137	.32
147	MP2A	Mx	.004	.32
148	MP2A	X	-5.275	4.35
149	MP2A	Z	9.137	4.35
150	MP2A	Mx	.004	4.35
151	MP2B	X	-3.409	.32
152	MP2B	Z	5.905	.32
153	MP2B	Mx	-.005	.32
154	MP2B	X	-3.409	4.35
155	MP2B	Z	5.905	4.35
156	MP2B	Mx	-.005	4.35
157	MP2C	X	-5.275	.32
158	MP2C	Z	9.137	.32
159	MP2C	Mx	.004	.32
160	MP2C	X	-5.275	4.35
161	MP2C	Z	9.137	4.35
162	MP2C	Mx	.004	4.35
163	MP2A	X	-1.742	6
164	MP2A	Z	3.017	6
165	MP2A	Mx	-.001	6
166	MP2B	X	-.816	6
167	MP2B	Z	1.413	6
168	MP2B	Mx	.001	6
169	MP2C	X	-1.742	6
170	MP2C	Z	3.017	6
171	MP2C	Mx	-.001	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
172	MP5.5A	X	-4.845	.33
173	MP5.5A	Z	8.393	.33
174	MP5.5A	Mx	.003	.33
175	MP5.5A	X	-4.845	4.33
176	MP5.5A	Z	8.393	4.33
177	MP5.5A	Mx	.003	4.33
178	MP5.5A	X	-1.742	7.5
179	MP5.5A	Z	3.017	7.5
180	MP5.5A	Mx	-.001	7.5
181	MP5.5A	X	-3.193	10.64
182	MP5.5A	Z	5.53	10.64
183	MP5.5A	Mx	-.002	10.64
184	MP5.5B	X	-4.226	.33
185	MP5.5B	Z	7.319	.33
186	MP5.5B	Mx	-.006	.33
187	MP5.5B	X	-4.226	4.33
188	MP5.5B	Z	7.319	4.33
189	MP5.5B	Mx	-.006	4.33
190	MP5.5B	X	-.816	7.5
191	MP5.5B	Z	1.413	7.5
192	MP5.5B	Mx	.001	7.5
193	MP5.5B	X	-3.189	10.64
194	MP5.5B	Z	5.524	10.64
195	MP5.5B	Mx	.005	10.64
196	MP5.5C	X	-4.845	.33
197	MP5.5C	Z	8.393	.33
198	MP5.5C	Mx	.003	.33
199	MP5.5C	X	-4.845	4.33
200	MP5.5C	Z	8.393	4.33
201	MP5.5C	Mx	.003	4.33
202	MP5.5C	X	-1.742	7.5
203	MP5.5C	Z	3.017	7.5
204	MP5.5C	Mx	-.001	7.5
205	MP5.5C	X	-3.193	10.64
206	MP5.5C	Z	5.53	10.64
207	MP5.5C	Mx	-.002	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-7.688	12.93
2	MP2A	Z	4.439	12.93
3	MP2A	Mx	.006	12.93
4	MP2A	X	-7.688	15.74
5	MP2A	Z	4.439	15.74
6	MP2A	Mx	.006	15.74
7	MP2B	X	-9.678	12.93
8	MP2B	Z	5.588	12.93
9	MP2B	Mx	.004	12.93
10	MP2B	X	-9.678	15.74
11	MP2B	Z	5.588	15.74
12	MP2B	Mx	.004	15.74
13	MP2C	X	-9.678	12.93
14	MP2C	Z	5.588	12.93
15	MP2C	Mx	-.011	12.93
16	MP2C	X	-9.678	15.74
17	MP2C	Z	5.588	15.74



Company : GPD  
 Designer : ENIETO  
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**Member Point Loads (BLC 35 : Antenna Wm (240 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
18	MP2C	Mx	-.011	15.74
19	MP2A	X	-7.688	12.93
20	MP2A	Z	4.439	12.93
21	MP2A	Mx	.006	12.93
22	MP2A	X	-7.688	15.74
23	MP2A	Z	4.439	15.74
24	MP2A	Mx	.006	15.74
25	MP2B	X	-9.678	12.93
26	MP2B	Z	5.588	12.93
27	MP2B	Mx	-.011	12.93
28	MP2B	X	-9.678	15.74
29	MP2B	Z	5.588	15.74
30	MP2B	Mx	-.011	15.74
31	MP2C	X	-9.678	12.93
32	MP2C	Z	5.588	12.93
33	MP2C	Mx	.004	12.93
34	MP2C	X	-9.678	15.74
35	MP2C	Z	5.588	15.74
36	MP2C	Mx	.004	15.74
37	MP4A	X	-1.928	13.37
38	MP4A	Z	1.113	13.37
39	MP4A	Mx	.001	13.37
40	MP4A	X	-1.928	15.3
41	MP4A	Z	1.113	15.3
42	MP4A	Mx	.001	15.3
43	MP4B	X	-4.175	13.37
44	MP4B	Z	2.411	13.37
45	MP4B	Mx	-.002	13.37
46	MP4B	X	-4.175	15.3
47	MP4B	Z	2.411	15.3
48	MP4B	Mx	-.002	15.3
49	MP4C	X	-4.175	13.37
50	MP4C	Z	2.411	13.37
51	MP4C	Mx	-.002	13.37
52	MP4C	X	-4.175	15.3
53	MP4C	Z	2.411	15.3
54	MP4C	Mx	-.002	15.3
55	MP2A	X	-2.944	11.13
56	MP2A	Z	1.7	11.13
57	MP2A	Mx	-.002	11.13
58	MP2B	X	-2.944	11.13
59	MP2B	Z	1.7	11.13
60	MP2B	Mx	.002	11.13
61	MP2C	X	-3.919	11.13
62	MP2C	Z	2.262	11.13
63	MP2C	Mx	0	11.13
64	MP2A	X	-2.571	9.13
65	MP2A	Z	1.484	9.13
66	MP2A	Mx	-.002	9.13
67	MP2B	X	-2.571	9.13
68	MP2B	Z	1.484	9.13
69	MP2B	Mx	.002	9.13
70	MP2C	X	-3.919	9.13
71	MP2C	Z	2.262	9.13
72	MP2C	Mx	0	9.13
73	MP1A	X	-6.452	.53
74	MP1A	Z	3.725	.53





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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
75	MP1A	Mx	.005
76	MP1A	X	-6.452
77	MP1A	Z	3.725
78	MP1A	Mx	.005
79	MP1B	X	-7.153
80	MP1B	Z	4.13
81	MP1B	Mx	-.003
82	MP1B	X	-7.153
83	MP1B	Z	4.13
84	MP1B	Mx	-.003
85	MP5A	X	-6.452
86	MP5A	Z	3.725
87	MP5A	Mx	.005
88	MP5A	X	-6.452
89	MP5A	Z	3.725
90	MP5A	Mx	.005
91	MP5B	X	-7.153
92	MP5B	Z	4.13
93	MP5B	Mx	-.003
94	MP5B	X	-7.153
95	MP5B	Z	4.13
96	MP5B	Mx	-.003
97	MP1C	X	-5.663
98	MP1C	Z	3.269
99	MP1C	Mx	-.002
100	MP1C	X	-5.663
101	MP1C	Z	3.269
102	MP1C	Mx	-.002
103	MP5C	X	-5.663
104	MP5C	Z	3.269
105	MP5C	Mx	-.002
106	MP5C	X	-5.663
107	MP5C	Z	3.269
108	MP5C	Mx	-.002
109	MP0.5A	X	-2.824
110	MP0.5A	Z	1.63
111	MP0.5A	Mx	.002
112	MP0.5A	X	-2.824
113	MP0.5A	Z	1.63
114	MP0.5A	Mx	.002
115	MP0.5A	X	-.559
116	MP0.5A	Z	.323
117	MP0.5A	Mx	-.000186
118	MP0.5A	X	-.559
119	MP0.5A	Z	.323
120	MP0.5A	Mx	.000186
121	MP0.5B	X	-2.824
122	MP0.5B	Z	1.63
123	MP0.5B	Mx	-.002
124	MP0.5B	X	-2.824
125	MP0.5B	Z	1.63
126	MP0.5B	Mx	-.002
127	MP0.5B	X	-.559
128	MP0.5B	Z	.323
129	MP0.5B	Mx	.000186
130	MP0.5B	X	-.559
131	MP0.5B	Z	.323



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
132	MP0.5B	Mx	-0.00186	6
133	MP0.5C	X	-3.832	.92
134	MP0.5C	Z	2.212	.92
135	MP0.5C	Mx	0	.92
136	MP0.5C	X	-3.832	3.75
137	MP0.5C	Z	2.212	3.75
138	MP0.5C	Mx	0	3.75
139	MP0.5C	X	0	6
140	MP0.5C	Z	0	6
141	MP0.5C	Mx	0	6
142	MP0.5C	X	0	6
143	MP0.5C	Z	0	6
144	MP0.5C	Mx	0	6
145	MP2A	X	-6.982	.32
146	MP2A	Z	4.031	.32
147	MP2A	Mx	.005	.32
148	MP2A	X	-6.982	4.35
149	MP2A	Z	4.031	4.35
150	MP2A	Mx	.005	4.35
151	MP2B	X	-6.982	.32
152	MP2B	Z	4.031	.32
153	MP2B	Mx	-.005	.32
154	MP2B	X	-6.982	4.35
155	MP2B	Z	4.031	4.35
156	MP2B	Mx	-.005	4.35
157	MP2C	X	-10.214	.32
158	MP2C	Z	5.897	.32
159	MP2C	Mx	0	.32
160	MP2C	X	-10.214	4.35
161	MP2C	Z	5.897	4.35
162	MP2C	Mx	0	4.35
163	MP2A	X	-1.948	6
164	MP2A	Z	1.124	6
165	MP2A	Mx	-.001	6
166	MP2B	X	-1.948	6
167	MP2B	Z	1.124	6
168	MP2B	Mx	.001	6
169	MP2C	X	-3.552	6
170	MP2C	Z	2.051	6
171	MP2C	Mx	0	6
172	MP5.5A	X	-7.677	.33
173	MP5.5A	Z	4.432	.33
174	MP5.5A	Mx	.005	.33
175	MP5.5A	X	-7.677	4.33
176	MP5.5A	Z	4.432	4.33
177	MP5.5A	Mx	.005	4.33
178	MP5.5A	X	-1.948	7.5
179	MP5.5A	Z	1.124	7.5
180	MP5.5A	Mx	-.001	7.5
181	MP5.5A	X	-5.526	10.64
182	MP5.5A	Z	3.19	10.64
183	MP5.5A	Mx	-.004	10.64
184	MP5.5B	X	-7.677	.33
185	MP5.5B	Z	4.432	.33
186	MP5.5B	Mx	-.005	.33
187	MP5.5B	X	-7.677	4.33
188	MP5.5B	Z	4.432	4.33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
189	MP5.5B	Mx	-0.005	4.33
190	MP5.5B	X	-1.948	7.5
191	MP5.5B	Z	1.124	7.5
192	MP5.5B	Mx	.001	7.5
193	MP5.5B	X	-5.526	10.64
194	MP5.5B	Z	3.19	10.64
195	MP5.5B	Mx	.004	10.64
196	MP5.5C	X	-8.75	.33
197	MP5.5C	Z	5.052	.33
198	MP5.5C	Mx	0	.33
199	MP5.5C	X	-8.75	4.33
200	MP5.5C	Z	5.052	4.33
201	MP5.5C	Mx	0	4.33
202	MP5.5C	X	-3.552	7.5
203	MP5.5C	Z	2.051	7.5
204	MP5.5C	Mx	0	7.5
205	MP5.5C	X	-5.532	10.64
206	MP5.5C	Z	3.194	10.64
207	MP5.5C	Mx	0	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-9.643	12.93
2	MP2A	Z	0	12.93
3	MP2A	Mx	.002	12.93
4	MP2A	X	-9.643	15.74
5	MP2A	Z	0	15.74
6	MP2A	Mx	.002	15.74
7	MP2B	X	-11.941	12.93
8	MP2B	Z	0	12.93
9	MP2B	Mx	.009	12.93
10	MP2B	X	-11.941	15.74
11	MP2B	Z	0	15.74
12	MP2B	Mx	.009	15.74
13	MP2C	X	-9.643	12.93
14	MP2C	Z	0	12.93
15	MP2C	Mx	-.009	12.93
16	MP2C	X	-9.643	15.74
17	MP2C	Z	0	15.74
18	MP2C	Mx	-.009	15.74
19	MP2A	X	-9.643	12.93
20	MP2A	Z	0	12.93
21	MP2A	Mx	.009	12.93
22	MP2A	X	-9.643	15.74
23	MP2A	Z	0	15.74
24	MP2A	Mx	.009	15.74
25	MP2B	X	-11.941	12.93
26	MP2B	Z	0	12.93
27	MP2B	Mx	-.009	12.93
28	MP2B	X	-11.941	15.74
29	MP2B	Z	0	15.74
30	MP2B	Mx	-.009	15.74
31	MP2C	X	-9.643	12.93
32	MP2C	Z	0	12.93
33	MP2C	Mx	-.002	12.93
34	MP2C	X	-9.643	15.74



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
35	MP2C	Z	0	15.74
36	MP2C	Mx	-.002	15.74
37	MP4A	X	-3.091	13.37
38	MP4A	Z	0	13.37
39	MP4A	Mx	.002	13.37
40	MP4A	X	-3.091	15.3
41	MP4A	Z	0	15.3
42	MP4A	Mx	.002	15.3
43	MP4B	X	-5.686	13.37
44	MP4B	Z	0	13.37
45	MP4B	Mx	0	13.37
46	MP4B	X	-5.686	15.3
47	MP4B	Z	0	15.3
48	MP4B	Mx	0	15.3
49	MP4C	X	-3.091	13.37
50	MP4C	Z	0	13.37
51	MP4C	Mx	-.002	13.37
52	MP4C	X	-3.091	15.3
53	MP4C	Z	0	15.3
54	MP4C	Mx	-.002	15.3
55	MP2A	X	-3.025	11.13
56	MP2A	Z	0	11.13
57	MP2A	Mx	-.003	11.13
58	MP2B	X	-4.15	11.13
59	MP2B	Z	0	11.13
60	MP2B	Mx	.002	11.13
61	MP2C	X	-4.15	11.13
62	MP2C	Z	0	11.13
63	MP2C	Mx	.002	11.13
64	MP2A	X	-2.45	9.13
65	MP2A	Z	0	9.13
66	MP2A	Mx	-.002	9.13
67	MP2B	X	-4.006	9.13
68	MP2B	Z	0	9.13
69	MP2B	Mx	.002	9.13
70	MP2C	X	-4.006	9.13
71	MP2C	Z	0	9.13
72	MP2C	Mx	.002	9.13
73	MP1A	X	-7.72	.53
74	MP1A	Z	0	.53
75	MP1A	Mx	.004	.53
76	MP1A	X	-7.72	5.53
77	MP1A	Z	0	5.53
78	MP1A	Mx	.004	5.53
79	MP1B	X	-8.529	.53
80	MP1B	Z	0	.53
81	MP1B	Mx	0	.53
82	MP1B	X	-8.529	5.53
83	MP1B	Z	0	5.53
84	MP1B	Mx	0	5.53
85	MP5A	X	-7.72	.53
86	MP5A	Z	0	.53
87	MP5A	Mx	.004	.53
88	MP5A	X	-7.72	5.53
89	MP5A	Z	0	5.53
90	MP5A	Mx	.004	5.53
91	MP5B	X	-8.529	.53



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
92	MP5B	Z	0	.53
93	MP5B	Mx	0	.53
94	MP5B	X	-8.529	5.53
95	MP5B	Z	0	5.53
96	MP5B	Mx	0	5.53
97	MP1C	X	-9.139	.58
98	MP1C	Z	0	.58
99	MP1C	Mx	-.005	.58
100	MP1C	X	-9.139	5.49
101	MP1C	Z	0	5.49
102	MP1C	Mx	-.005	5.49
103	MP5C	X	-9.139	.58
104	MP5C	Z	0	.58
105	MP5C	Mx	-.005	.58
106	MP5C	X	-9.139	5.49
107	MP5C	Z	0	5.49
108	MP5C	Mx	-.005	5.49
109	MP0.5A	X	-2.872	.92
110	MP0.5A	Z	0	.92
111	MP0.5A	Mx	.002	.92
112	MP0.5A	X	-2.872	3.75
113	MP0.5A	Z	0	3.75
114	MP0.5A	Mx	.002	3.75
115	MP0.5A	X	-.861	6
116	MP0.5A	Z	0	6
117	MP0.5A	Mx	-.000287	6
118	MP0.5A	X	-.861	6
119	MP0.5A	Z	0	6
120	MP0.5A	Mx	.000287	6
121	MP0.5B	X	-4.036	.92
122	MP0.5B	Z	0	.92
123	MP0.5B	Mx	-.001	.92
124	MP0.5B	X	-4.036	3.75
125	MP0.5B	Z	0	3.75
126	MP0.5B	Mx	-.001	3.75
127	MP0.5B	X	-.215	6
128	MP0.5B	Z	0	6
129	MP0.5B	Mx	3.6e-5	6
130	MP0.5B	X	-.215	6
131	MP0.5B	Z	0	6
132	MP0.5B	Mx	-3.6e-5	6
133	MP0.5C	X	-4.036	.92
134	MP0.5C	Z	0	.92
135	MP0.5C	Mx	-.001	.92
136	MP0.5C	X	-4.036	3.75
137	MP0.5C	Z	0	3.75
138	MP0.5C	Mx	-.001	3.75
139	MP0.5C	X	-.215	6
140	MP0.5C	Z	0	6
141	MP0.5C	Mx	3.6e-5	6
142	MP0.5C	X	-.215	6
143	MP0.5C	Z	0	6
144	MP0.5C	Mx	-3.6e-5	6
145	MP2A	X	-6.818	.32
146	MP2A	Z	0	.32
147	MP2A	Mx	.005	.32
148	MP2A	X	-6.818	4.35



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
149	MP2A	Z	0	4.35
150	MP2A	Mx	.005	4.35
151	MP2B	X	-10.55	.32
152	MP2B	Z	0	.32
153	MP2B	Mx	-.004	.32
154	MP2B	X	-10.55	4.35
155	MP2B	Z	0	4.35
156	MP2B	Mx	-.004	4.35
157	MP2C	X	-10.55	.32
158	MP2C	Z	0	.32
159	MP2C	Mx	-.004	.32
160	MP2C	X	-10.55	4.35
161	MP2C	Z	0	4.35
162	MP2C	Mx	-.004	4.35
163	MP2A	X	-1.631	6
164	MP2A	Z	0	6
165	MP2A	Mx	-.001	6
166	MP2B	X	-3.484	6
167	MP2B	Z	0	6
168	MP2B	Mx	.001	6
169	MP2C	X	-3.484	6
170	MP2C	Z	0	6
171	MP2C	Mx	.001	6
172	MP5.5A	X	-8.451	.33
173	MP5.5A	Z	0	.33
174	MP5.5A	Mx	.006	.33
175	MP5.5A	X	-8.451	4.33
176	MP5.5A	Z	0	4.33
177	MP5.5A	Mx	.006	4.33
178	MP5.5A	X	-1.631	7.5
179	MP5.5A	Z	0	7.5
180	MP5.5A	Mx	-.001	7.5
181	MP5.5A	X	-6.379	10.64
182	MP5.5A	Z	0	10.64
183	MP5.5A	Mx	-.005	10.64
184	MP5.5B	X	-9.691	.33
185	MP5.5B	Z	0	.33
186	MP5.5B	Mx	-.003	.33
187	MP5.5B	X	-9.691	4.33
188	MP5.5B	Z	0	4.33
189	MP5.5B	Mx	-.003	4.33
190	MP5.5B	X	-3.484	7.5
191	MP5.5B	Z	0	7.5
192	MP5.5B	Mx	.001	7.5
193	MP5.5B	X	-6.386	10.64
194	MP5.5B	Z	0	10.64
195	MP5.5B	Mx	.002	10.64
196	MP5.5C	X	-9.691	.33
197	MP5.5C	Z	0	.33
198	MP5.5C	Mx	-.003	.33
199	MP5.5C	X	-9.691	4.33
200	MP5.5C	Z	0	4.33
201	MP5.5C	Mx	-.003	4.33
202	MP5.5C	X	-3.484	7.5
203	MP5.5C	Z	0	7.5
204	MP5.5C	Mx	.001	7.5
205	MP5.5C	X	-6.386	10.64



Company : GPD  
 Designer : ENIETO  
 Job Number : Project No. 10084891  
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**Member Point Loads (BLC 36 : Antenna Wm (270 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
206	MP5.5C	Z	0	10.64
207	MP5.5C	Mx	.002	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-9.678	12.93
2	MP2A	Z	-5.588	12.93
3	MP2A	Mx	-.004	12.93
4	MP2A	X	-9.678	15.74
5	MP2A	Z	-5.588	15.74
6	MP2A	Mx	-.004	15.74
7	MP2B	X	-9.678	12.93
8	MP2B	Z	-5.588	12.93
9	MP2B	Mx	.011	12.93
10	MP2B	X	-9.678	15.74
11	MP2B	Z	-5.588	15.74
12	MP2B	Mx	.011	15.74
13	MP2C	X	-7.688	12.93
14	MP2C	Z	-4.439	12.93
15	MP2C	Mx	-.006	12.93
16	MP2C	X	-7.688	15.74
17	MP2C	Z	-4.439	15.74
18	MP2C	Mx	-.006	15.74
19	MP2A	X	-9.678	12.93
20	MP2A	Z	-5.588	12.93
21	MP2A	Mx	.011	12.93
22	MP2A	X	-9.678	15.74
23	MP2A	Z	-5.588	15.74
24	MP2A	Mx	.011	15.74
25	MP2B	X	-9.678	12.93
26	MP2B	Z	-5.588	12.93
27	MP2B	Mx	-.004	12.93
28	MP2B	X	-9.678	15.74
29	MP2B	Z	-5.588	15.74
30	MP2B	Mx	-.004	15.74
31	MP2C	X	-7.688	12.93
32	MP2C	Z	-4.439	12.93
33	MP2C	Mx	-.006	12.93
34	MP2C	X	-7.688	15.74
35	MP2C	Z	-4.439	15.74
36	MP2C	Mx	-.006	15.74
37	MP4A	X	-4.175	13.37
38	MP4A	Z	-2.411	13.37
39	MP4A	Mx	.002	13.37
40	MP4A	X	-4.175	15.3
41	MP4A	Z	-2.411	15.3
42	MP4A	Mx	.002	15.3
43	MP4B	X	-4.175	13.37
44	MP4B	Z	-2.411	13.37
45	MP4B	Mx	.002	13.37
46	MP4B	X	-4.175	15.3
47	MP4B	Z	-2.411	15.3
48	MP4B	Mx	.002	15.3
49	MP4C	X	-1.928	13.37
50	MP4C	Z	-1.113	13.37
51	MP4C	Mx	-.001	13.37



Company : GPD  
 Designer : ENIETO  
 Job Number : Project No. 10084891  
 Model Name : 467684-VZW\_MT\_LO\_H

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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]	
52	MP4C	X	-1.928	15.3
53	MP4C	Z	-1.113	15.3
54	MP4C	Mx	-.001	15.3
55	MP2A	X	-2.944	11.13
56	MP2A	Z	-1.7	11.13
57	MP2A	Mx	-.002	11.13
58	MP2B	X	-3.919	11.13
59	MP2B	Z	-2.262	11.13
60	MP2B	Mx	0	11.13
61	MP2C	X	-2.944	11.13
62	MP2C	Z	-1.7	11.13
63	MP2C	Mx	.002	11.13
64	MP2A	X	-2.571	9.13
65	MP2A	Z	-1.484	9.13
66	MP2A	Mx	-.002	9.13
67	MP2B	X	-3.919	9.13
68	MP2B	Z	-2.262	9.13
69	MP2B	Mx	0	9.13
70	MP2C	X	-2.571	9.13
71	MP2C	Z	-1.484	9.13
72	MP2C	Mx	.002	9.13
73	MP1A	X	-7.153	.53
74	MP1A	Z	-4.13	.53
75	MP1A	Mx	.003	.53
76	MP1A	X	-7.153	5.53
77	MP1A	Z	-4.13	5.53
78	MP1A	Mx	.003	5.53
79	MP1B	X	-7.153	.53
80	MP1B	Z	-4.13	.53
81	MP1B	Mx	.003	.53
82	MP1B	X	-7.153	5.53
83	MP1B	Z	-4.13	5.53
84	MP1B	Mx	.003	5.53
85	MP5A	X	-7.153	.53
86	MP5A	Z	-4.13	.53
87	MP5A	Mx	.003	.53
88	MP5A	X	-7.153	5.53
89	MP5A	Z	-4.13	5.53
90	MP5A	Mx	.003	5.53
91	MP5B	X	-7.153	.53
92	MP5B	Z	-4.13	.53
93	MP5B	Mx	.003	.53
94	MP5B	X	-7.153	5.53
95	MP5B	Z	-4.13	5.53
96	MP5B	Mx	.003	5.53
97	MP1C	X	-9.04	.58
98	MP1C	Z	-5.219	.58
99	MP1C	Mx	-.007	.58
100	MP1C	X	-9.04	5.49
101	MP1C	Z	-5.219	5.49
102	MP1C	Mx	-.007	5.49
103	MP5C	X	-9.04	.58
104	MP5C	Z	-5.219	.58
105	MP5C	Mx	-.007	.58
106	MP5C	X	-9.04	5.49
107	MP5C	Z	-5.219	5.49
108	MP5C	Mx	-.007	5.49





Company : GPD  
 Designer : ENIETO  
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**Member Point Loads (BLC 37 : Antenna Wm (300 Deg)) (Continued)**

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
109	MP0.5A	X	-2.824 .92
110	MP0.5A	Z	-1.63 .92
111	MP0.5A	Mx	.002 .92
112	MP0.5A	X	-2.824 3.75
113	MP0.5A	Z	-1.63 3.75
114	MP0.5A	Mx	.002 3.75
115	MP0.5A	X	-.559 6
116	MP0.5A	Z	-.323 6
117	MP0.5A	Mx	-.000186 6
118	MP0.5A	X	-.559 6
119	MP0.5A	Z	-.323 6
120	MP0.5A	Mx	.000186 6
121	MP0.5B	X	-3.832 .92
122	MP0.5B	Z	-2.212 .92
123	MP0.5B	Mx	0 .92
124	MP0.5B	X	-3.832 3.75
125	MP0.5B	Z	-2.212 3.75
126	MP0.5B	Mx	0 3.75
127	MP0.5B	X	0 6
128	MP0.5B	Z	0 6
129	MP0.5B	Mx	0 6
130	MP0.5B	X	0 6
131	MP0.5B	Z	0 6
132	MP0.5B	Mx	0 6
133	MP0.5C	X	-2.824 .92
134	MP0.5C	Z	-1.63 .92
135	MP0.5C	Mx	-.002 .92
136	MP0.5C	X	-2.824 3.75
137	MP0.5C	Z	-1.63 3.75
138	MP0.5C	Mx	-.002 3.75
139	MP0.5C	X	-.559 6
140	MP0.5C	Z	-.323 6
141	MP0.5C	Mx	.000186 6
142	MP0.5C	X	-.559 6
143	MP0.5C	Z	-.323 6
144	MP0.5C	Mx	-.000186 6
145	MP2A	X	-6.982 .32
146	MP2A	Z	-4.031 .32
147	MP2A	Mx	.005 .32
148	MP2A	X	-6.982 4.35
149	MP2A	Z	-4.031 4.35
150	MP2A	Mx	.005 4.35
151	MP2B	X	-10.214 .32
152	MP2B	Z	-5.897 .32
153	MP2B	Mx	0 .32
154	MP2B	X	-10.214 4.35
155	MP2B	Z	-5.897 4.35
156	MP2B	Mx	0 4.35
157	MP2C	X	-6.982 .32
158	MP2C	Z	-4.031 .32
159	MP2C	Mx	-.005 .32
160	MP2C	X	-6.982 4.35
161	MP2C	Z	-4.031 4.35
162	MP2C	Mx	-.005 4.35
163	MP2A	X	-1.948 6
164	MP2A	Z	-1.124 6
165	MP2A	Mx	-.001 6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
166	MP2B	X	-3.552	6
167	MP2B	Z	-2.051	6
168	MP2B	Mx	0	6
169	MP2C	X	-1.948	6
170	MP2C	Z	-1.124	6
171	MP2C	Mx	.001	6
172	MP5.5A	X	-7.677	.33
173	MP5.5A	Z	-4.432	.33
174	MP5.5A	Mx	.005	.33
175	MP5.5A	X	-7.677	4.33
176	MP5.5A	Z	-4.432	4.33
177	MP5.5A	Mx	.005	4.33
178	MP5.5A	X	-1.948	7.5
179	MP5.5A	Z	-1.124	7.5
180	MP5.5A	Mx	-.001	7.5
181	MP5.5A	X	-5.526	10.64
182	MP5.5A	Z	-3.19	10.64
183	MP5.5A	Mx	-.004	10.64
184	MP5.5B	X	-8.75	.33
185	MP5.5B	Z	-5.052	.33
186	MP5.5B	Mx	0	.33
187	MP5.5B	X	-8.75	4.33
188	MP5.5B	Z	-5.052	4.33
189	MP5.5B	Mx	0	4.33
190	MP5.5B	X	-3.552	7.5
191	MP5.5B	Z	-2.051	7.5
192	MP5.5B	Mx	0	7.5
193	MP5.5B	X	-5.532	10.64
194	MP5.5B	Z	-3.194	10.64
195	MP5.5B	Mx	0	10.64
196	MP5.5C	X	-7.677	.33
197	MP5.5C	Z	-4.432	.33
198	MP5.5C	Mx	-.005	.33
199	MP5.5C	X	-7.677	4.33
200	MP5.5C	Z	-4.432	4.33
201	MP5.5C	Mx	-.005	4.33
202	MP5.5C	X	-1.948	7.5
203	MP5.5C	Z	-1.124	7.5
204	MP5.5C	Mx	.001	7.5
205	MP5.5C	X	-5.526	10.64
206	MP5.5C	Z	-3.19	10.64
207	MP5.5C	Mx	.004	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-5.97	12.93
2	MP2A	Z	-10.341	12.93
3	MP2A	Mx	-.009	12.93
4	MP2A	X	-5.97	15.74
5	MP2A	Z	-10.341	15.74
6	MP2A	Mx	-.009	15.74
7	MP2B	X	-4.822	12.93
8	MP2B	Z	-8.351	12.93
9	MP2B	Mx	.009	12.93
10	MP2B	X	-4.822	15.74
11	MP2B	Z	-8.351	15.74



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
12	MP2B	Mx	.009	15.74
13	MP2C	X	-4.822	12.93
14	MP2C	Z	-8.351	12.93
15	MP2C	Mx	-.002	12.93
16	MP2C	X	-4.822	15.74
17	MP2C	Z	-8.351	15.74
18	MP2C	Mx	-.002	15.74
19	MP2A	X	-5.97	12.93
20	MP2A	Z	-10.341	12.93
21	MP2A	Mx	.009	12.93
22	MP2A	X	-5.97	15.74
23	MP2A	Z	-10.341	15.74
24	MP2A	Mx	.009	15.74
25	MP2B	X	-4.822	12.93
26	MP2B	Z	-8.351	12.93
27	MP2B	Mx	.002	12.93
28	MP2B	X	-4.822	15.74
29	MP2B	Z	-8.351	15.74
30	MP2B	Mx	.002	15.74
31	MP2C	X	-4.822	12.93
32	MP2C	Z	-8.351	12.93
33	MP2C	Mx	-.009	12.93
34	MP2C	X	-4.822	15.74
35	MP2C	Z	-8.351	15.74
36	MP2C	Mx	-.009	15.74
37	MP4A	X	-2.843	13.37
38	MP4A	Z	-4.924	13.37
39	MP4A	Mx	0	13.37
40	MP4A	X	-2.843	15.3
41	MP4A	Z	-4.924	15.3
42	MP4A	Mx	0	15.3
43	MP4B	X	-1.546	13.37
44	MP4B	Z	-2.677	13.37
45	MP4B	Mx	.002	13.37
46	MP4B	X	-1.546	15.3
47	MP4B	Z	-2.677	15.3
48	MP4B	Mx	.002	15.3
49	MP4C	X	-1.546	13.37
50	MP4C	Z	-2.677	13.37
51	MP4C	Mx	-.002	13.37
52	MP4C	X	-1.546	15.3
53	MP4C	Z	-2.677	15.3
54	MP4C	Mx	-.002	15.3
55	MP2A	X	-2.075	11.13
56	MP2A	Z	-3.594	11.13
57	MP2A	Mx	-.002	11.13
58	MP2B	X	-2.075	11.13
59	MP2B	Z	-3.594	11.13
60	MP2B	Mx	-.002	11.13
61	MP2C	X	-1.512	11.13
62	MP2C	Z	-2.619	11.13
63	MP2C	Mx	.003	11.13
64	MP2A	X	-2.003	9.13
65	MP2A	Z	-3.469	9.13
66	MP2A	Mx	-.002	9.13
67	MP2B	X	-2.003	9.13
68	MP2B	Z	-3.469	9.13



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]	
69	MP2B	Mx	- .002	9.13
70	MP2C	X	-1.225	9.13
71	MP2C	Z	-2.122	9.13
72	MP2C	Mx	.002	9.13
73	MP1A	X	-4.265	.53
74	MP1A	Z	-7.387	.53
75	MP1A	Mx	0	.53
76	MP1A	X	-4.265	5.53
77	MP1A	Z	-7.387	5.53
78	MP1A	Mx	0	5.53
79	MP1B	X	-3.86	.53
80	MP1B	Z	-6.686	.53
81	MP1B	Mx	.004	.53
82	MP1B	X	-3.86	5.53
83	MP1B	Z	-6.686	5.53
84	MP1B	Mx	.004	5.53
85	MP5A	X	-4.265	.53
86	MP5A	Z	-7.387	.53
87	MP5A	Mx	0	.53
88	MP5A	X	-4.265	5.53
89	MP5A	Z	-7.387	5.53
90	MP5A	Mx	0	5.53
91	MP5B	X	-3.86	.53
92	MP5B	Z	-6.686	.53
93	MP5B	Mx	.004	.53
94	MP5B	X	-3.86	5.53
95	MP5B	Z	-6.686	5.53
96	MP5B	Mx	.004	5.53
97	MP1C	X	-4.569	.58
98	MP1C	Z	-7.914	.58
99	MP1C	Mx	-.005	.58
100	MP1C	X	-4.569	5.49
101	MP1C	Z	-7.914	5.49
102	MP1C	Mx	-.005	5.49
103	MP5C	X	-4.569	.58
104	MP5C	Z	-7.914	.58
105	MP5C	Mx	-.005	.58
106	MP5C	X	-4.569	5.49
107	MP5C	Z	-7.914	5.49
108	MP5C	Mx	-.005	5.49
109	MP0.5A	X	-2.018	.92
110	MP0.5A	Z	-3.496	.92
111	MP0.5A	Mx	.001	.92
112	MP0.5A	X	-2.018	3.75
113	MP0.5A	Z	-3.496	3.75
114	MP0.5A	Mx	.001	3.75
115	MP0.5A	X	-.108	6
116	MP0.5A	Z	-.186	6
117	MP0.5A	Mx	-3.6e-5	6
118	MP0.5A	X	-.108	6
119	MP0.5A	Z	-.186	6
120	MP0.5A	Mx	3.6e-5	6
121	MP0.5B	X	-2.018	.92
122	MP0.5B	Z	-3.496	.92
123	MP0.5B	Mx	.001	.92
124	MP0.5B	X	-2.018	3.75
125	MP0.5B	Z	-3.496	3.75



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]	
126	MP0.5B	Mx	.001	3.75
127	MP0.5B	X	-.108	6
128	MP0.5B	Z	-.186	6
129	MP0.5B	Mx	-3.6e-5	6
130	MP0.5B	X	-.108	6
131	MP0.5B	Z	-.186	6
132	MP0.5B	Mx	3.6e-5	6
133	MP0.5C	X	-1.436	.92
134	MP0.5C	Z	-2.487	.92
135	MP0.5C	Mx	-.002	.92
136	MP0.5C	X	-1.436	3.75
137	MP0.5C	Z	-2.487	3.75
138	MP0.5C	Mx	-.002	3.75
139	MP0.5C	X	-.43	6
140	MP0.5C	Z	-.746	6
141	MP0.5C	Mx	.000287	6
142	MP0.5C	X	-.43	6
143	MP0.5C	Z	-.746	6
144	MP0.5C	Mx	-.000287	6
145	MP2A	X	-5.275	.32
146	MP2A	Z	-9.137	.32
147	MP2A	Mx	.004	.32
148	MP2A	X	-5.275	4.35
149	MP2A	Z	-9.137	4.35
150	MP2A	Mx	.004	4.35
151	MP2B	X	-5.275	.32
152	MP2B	Z	-9.137	.32
153	MP2B	Mx	.004	.32
154	MP2B	X	-5.275	4.35
155	MP2B	Z	-9.137	4.35
156	MP2B	Mx	.004	4.35
157	MP2C	X	-3.409	.32
158	MP2C	Z	-5.905	.32
159	MP2C	Mx	-.005	.32
160	MP2C	X	-3.409	4.35
161	MP2C	Z	-5.905	4.35
162	MP2C	Mx	-.005	4.35
163	MP2A	X	-1.742	6
164	MP2A	Z	-3.017	6
165	MP2A	Mx	-.001	6
166	MP2B	X	-1.742	6
167	MP2B	Z	-3.017	6
168	MP2B	Mx	-.001	6
169	MP2C	X	-.816	6
170	MP2C	Z	-1.413	6
171	MP2C	Mx	.001	6
172	MP5.5A	X	-4.845	.33
173	MP5.5A	Z	-8.393	.33
174	MP5.5A	Mx	.003	.33
175	MP5.5A	X	-4.845	4.33
176	MP5.5A	Z	-8.393	4.33
177	MP5.5A	Mx	.003	4.33
178	MP5.5A	X	-1.742	7.5
179	MP5.5A	Z	-3.017	7.5
180	MP5.5A	Mx	-.001	7.5
181	MP5.5A	X	-3.193	10.64
182	MP5.5A	Z	-5.53	10.64



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
183	MP5.5A	Mx	-.002	10.64
184	MP5.5B	X	-4.845	.33
185	MP5.5B	Z	-8.393	.33
186	MP5.5B	Mx	.003	.33
187	MP5.5B	X	-4.845	4.33
188	MP5.5B	Z	-8.393	4.33
189	MP5.5B	Mx	.003	4.33
190	MP5.5B	X	-1.742	7.5
191	MP5.5B	Z	-3.017	7.5
192	MP5.5B	Mx	-.001	7.5
193	MP5.5B	X	-3.193	10.64
194	MP5.5B	Z	-5.53	10.64
195	MP5.5B	Mx	-.002	10.64
196	MP5.5C	X	-4.226	.33
197	MP5.5C	Z	-7.319	.33
198	MP5.5C	Mx	-.006	.33
199	MP5.5C	X	-4.226	4.33
200	MP5.5C	Z	-7.319	4.33
201	MP5.5C	Mx	-.006	4.33
202	MP5.5C	X	-.816	7.5
203	MP5.5C	Z	-1.413	7.5
204	MP5.5C	Mx	.001	7.5
205	MP5.5C	X	-3.189	10.64
206	MP5.5C	Z	-5.524	10.64
207	MP5.5C	Mx	.005	10.64

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M17	Y	-500	0

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M17	Y	-500	%100

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M2	Y	-250	0

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M2	Y	-250	%50

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

	Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M1	Y	-11.161	-11.161	0	%100
2	M2	Y	-11.161	-11.161	0	%100
3	M3	Y	-11.161	-11.161	0	%100
4	M4	Y	-11.161	-11.161	0	%100
5	M5	Y	-11.161	-11.161	0	%100
6	M6	Y	-11.161	-11.161	0	%100
7	M7	Y	-9.073	-9.073	0	%100
8	M8	Y	-9.073	-9.073	0	%100
9	M9	Y	-9.073	-9.073	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
10	M10	Y	-9.073	-9.073	0 %100
11	M11	Y	-6.177	-6.177	0 %100
12	M12	Y	-6.177	-6.177	0 %100
13	M13	Y	-6.177	-6.177	0 %100
14	M14	Y	-6.177	-6.177	0 %100
15	M15	Y	-6.177	-6.177	0 %100
16	M16	Y	-6.177	-6.177	0 %100
17	M17	Y	-6.177	-6.177	0 %100
18	M18	Y	-6.177	-6.177	0 %100
19	M19	Y	-6.177	-6.177	0 %100
20	M20	Y	-6.177	-6.177	0 %100
21	M21	Y	-6.177	-6.177	0 %100
22	M22	Y	-6.177	-6.177	0 %100
23	M23	Y	-6.177	-6.177	0 %100
24	M24	Y	-6.177	-6.177	0 %100
25	M25	Y	-6.177	-6.177	0 %100
26	M26	Y	-6.177	-6.177	0 %100
27	M27	Y	-6.177	-6.177	0 %100
28	M28	Y	-6.177	-6.177	0 %100
29	M29	Y	-6.177	-6.177	0 %100
30	M30	Y	-6.177	-6.177	0 %100
31	M31	Y	-6.177	-6.177	0 %100
32	M32	Y	-6.177	-6.177	0 %100
33	M33	Y	-6.177	-6.177	0 %100
34	M34	Y	-6.177	-6.177	0 %100
35	M35	Y	-16.67	-16.67	0 %100
36	M36	Y	-16.67	-16.67	0 %100
37	M37	Y	-16.67	-16.67	0 %100
38	M62	Y	-8.124	-8.124	0 %100
39	M63	Y	-6.89	-6.89	0 %100
40	M64	Y	-6.89	-6.89	0 %100
41	M65	Y	-7.174	-7.174	0 %100
42	M66	Y	-8.124	-8.124	0 %100
43	M67	Y	-6.89	-6.89	0 %100
44	M68	Y	-6.89	-6.89	0 %100
45	M69	Y	-7.174	-7.174	0 %100
46	M70	Y	-8.124	-8.124	0 %100
47	M71	Y	-6.89	-6.89	0 %100
48	M72	Y	-6.89	-6.89	0 %100
49	M73	Y	-7.174	-7.174	0 %100
50	M74	Y	-5.275	-5.275	0 %100
51	M75	Y	-5.275	-5.275	0 %100
52	M76	Y	-5.275	-5.275	0 %100
53	MP0.5A	Y	-6.848	-6.848	0 %100
54	MP1A	Y	-4.666	-4.666	0 %100
55	MP1.8A	Y	-4.666	-4.666	0 %100
56	MP1.9A	Y	-4.666	-4.666	0 %100
57	MP2A	Y	-6.848	-6.848	0 %100
58	MP4A	Y	-6.848	-6.848	0 %100
59	MP4.1A	Y	-4.666	-4.666	0 %100
60	MP5A	Y	-4.666	-4.666	0 %100
61	MP5.5A	Y	-6.848	-6.848	0 %100
62	M91	Y	-9.073	-9.073	0 %100
63	M92	Y	-9.073	-9.073	0 %100
64	M94	Y	-9.073	-9.073	0 %100
65	M96	Y	-9.073	-9.073	0 %100
66	M97	Y	-9.073	-9.073	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
67	M98	Y	-9.073	-9.073	0 %100
68	MP0.5B	Y	-6.848	-6.848	0 %100
69	MP1B	Y	-4.666	-4.666	0 %100
70	MP1.8B	Y	-4.666	-4.666	0 %100
71	MP1.9B	Y	-4.666	-4.666	0 %100
72	MP2B	Y	-6.848	-6.848	0 %100
73	MP4B	Y	-6.848	-6.848	0 %100
74	MP4.1B	Y	-4.666	-4.666	0 %100
75	MP5B	Y	-4.666	-4.666	0 %100
76	MP5.5B	Y	-6.848	-6.848	0 %100
77	M121	Y	-9.073	-9.073	0 %100
78	M122	Y	-9.073	-9.073	0 %100
79	M124	Y	-9.073	-9.073	0 %100
80	M126	Y	-9.073	-9.073	0 %100
81	M127	Y	-9.073	-9.073	0 %100
82	M128	Y	-9.073	-9.073	0 %100
83	MP0.5C	Y	-6.848	-6.848	0 %100
84	MP1C	Y	-4.666	-4.666	0 %100
85	MP1.8C	Y	-4.666	-4.666	0 %100
86	MP1.9C	Y	-4.666	-4.666	0 %100
87	MP2C	Y	-6.848	-6.848	0 %100
88	MP4C	Y	-6.848	-6.848	0 %100
89	MP4.1C	Y	-4.666	-4.666	0 %100
90	MP5C	Y	-4.666	-4.666	0 %100
91	MP5.5C	Y	-6.848	-6.848	0 %100
92	M151	Y	-9.073	-9.073	0 %100
93	M152	Y	-9.073	-9.073	0 %100
94	M154	Y	-9.073	-9.073	0 %100
95	M156	Y	-9.073	-9.073	0 %100
96	M157	Y	-9.073	-9.073	0 %100
97	M158	Y	-9.073	-9.073	0 %100
98	MP3C	Y	-4.666	-4.666	0 %100
99	M218A	Y	-9.073	-9.073	0 %100
100	M219A	Y	-9.073	-9.073	0 %100
101	M220A	Y	-9.073	-9.073	0 %100
102	M221A	Y	-9.073	-9.073	0 %100
103	M222A	Y	-9.073	-9.073	0 %100
104	M223	Y	-9.073	-9.073	0 %100
105	M218B	Y	-16.67	-16.67	0 %100
106	M219B	Y	-16.67	-16.67	0 %100
107	M228	Y	-5.337	-5.337	0 %100
108	M233	Y	-5.337	-5.337	0 %100
109	M238	Y	-5.337	-5.337	0 %100
110	M251	Y	-7.174	-7.174	0 %100
111	M253	Y	-7.174	-7.174	0 %100
112	M255	Y	-7.174	-7.174	0 %100
113	M261	Y	-5.337	-5.337	0 %100
114	M266	Y	-5.337	-5.337	0 %100
115	M271	Y	-5.337	-5.337	0 %100
116	M284	Y	-7.174	-7.174	0 %100
117	M286	Y	-7.174	-7.174	0 %100
118	M288	Y	-7.174	-7.174	0 %100
119	M290	Y	-6.224	-6.224	0 %100
120	M291	Y	-6.224	-6.224	0 %100
121	M274	Y	-6.224	-6.224	0 %100
122	M275A	Y	-6.224	-6.224	0 %100





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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-5.905	-5.905	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-23.622	-23.622	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-5.905	-5.905	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-22.674	-22.674	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-20.014	-20.014	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-17.512	-17.512	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-12.818	-12.818	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-14.566	-14.566	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-15.919	-15.919	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	-12.77	-12.77	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	-13.228	-13.228	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	-10.149	-10.149	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	-10.149	-10.149	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	-10.149	-10.149	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	-10.149	-10.149	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	-10.953	-10.953	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	-11.303	-11.303	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	-10.953	-10.953	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	-3.307	-3.307	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	-10.149	-10.149	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	-10.149	-10.149	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	-10.149	-10.149	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	-10.149	-10.149	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	-2.738	-2.738	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	-2.826	-2.826	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	-2.738	-2.738	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	-3.307	-3.307	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	-10.149	-10.149	0	%100
57	M29	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	M29	Z	-10.149	-10.149	0 %100
59	M30	X	0	0	0 %100
60	M30	Z	-10.149	-10.149	0 %100
61	M31	X	0	0	0 %100
62	M31	Z	-10.149	-10.149	0 %100
63	M32	X	0	0	0 %100
64	M32	Z	-2.738	-2.738	0 %100
65	M33	X	0	0	0 %100
66	M33	Z	-2.823	-2.823	0 %100
67	M34	X	0	0	0 %100
68	M34	Z	-2.741	-2.741	0 %100
69	M35	X	0	0	0 %100
70	M35	Z	-33.525	-33.525	0 %100
71	M36	X	0	0	0 %100
72	M36	Z	-33.525	-33.525	0 %100
73	M37	X	0	0	0 %100
74	M37	Z	-33.525	-33.525	0 %100
75	M62	X	0	0	0 %100
76	M62	Z	-17.627	-17.627	0 %100
77	M63	X	0	0	0 %100
78	M63	Z	-1.426	-1.426	0 %100
79	M64	X	0	0	0 %100
80	M64	Z	-1.426	-1.426	0 %100
81	M65	X	0	0	0 %100
82	M65	Z	-15.79	-15.79	0 %100
83	M66	X	0	0	0 %100
84	M66	Z	-4.407	-4.407	0 %100
85	M67	X	0	0	0 %100
86	M67	Z	-1.426	-1.426	0 %100
87	M68	X	0	0	0 %100
88	M68	Z	0	0	0 %100
89	M69	X	0	0	0 %100
90	M69	Z	-3.948	-3.948	0 %100
91	M70	X	0	0	0 %100
92	M70	Z	-4.407	-4.407	0 %100
93	M71	X	0	0	0 %100
94	M71	Z	0	0	0 %100
95	M72	X	0	0	0 %100
96	M72	Z	-1.426	-1.426	0 %100
97	M73	X	0	0	0 %100
98	M73	Z	-3.948	-3.948	0 %100
99	M74	X	0	0	0 %100
100	M74	Z	-12.116	-12.116	0 %100
101	M75	X	0	0	0 %100
102	M75	Z	-3.029	-3.029	0 %100
103	M76	X	0	0	0 %100
104	M76	Z	-3.029	-3.029	0 %100
105	MP0.5A	X	0	0	0 %100
106	MP0.5A	Z	-13.461	-13.461	0 %100
107	MP1A	X	0	0	0 %100
108	MP1A	Z	-8.976	-8.976	0 %100
109	MP1.8A	X	0	0	0 %100
110	MP1.8A	Z	-8.18	-8.18	0 %100
111	MP1.9A	X	0	0	0 %100
112	MP1.9A	Z	-8.976	-8.976	0 %100
113	MP2A	X	0	0	0 %100
114	MP2A	Z	-13.461	-13.461	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
115	MP4A	X	0	0	%100
116	MP4A	Z	-13.461	-13.461	%100
117	MP4.1A	X	0	0	%100
118	MP4.1A	Z	-8.976	-8.976	%100
119	MP5A	X	0	0	%100
120	MP5A	Z	-8.976	-8.976	%100
121	MP5.5A	X	0	0	%100
122	MP5.5A	Z	-13.461	-13.461	%100
123	M91	X	0	0	%100
124	M91	Z	0	0	%100
125	M92	X	0	0	%100
126	M92	Z	0	0	%100
127	M94	X	0	0	%100
128	M94	Z	0	0	%100
129	M96	X	0	0	%100
130	M96	Z	0	0	%100
131	M97	X	0	0	%100
132	M97	Z	0	0	%100
133	M98	X	0	0	%100
134	M98	Z	0	0	%100
135	MP0.5B	X	0	0	%100
136	MP0.5B	Z	-13.461	-13.461	%100
137	MP1B	X	0	0	%100
138	MP1B	Z	-8.976	-8.976	%100
139	MP1.8B	X	0	0	%100
140	MP1.8B	Z	-8.18	-8.18	%100
141	MP1.9B	X	0	0	%100
142	MP1.9B	Z	-8.976	-8.976	%100
143	MP2B	X	0	0	%100
144	MP2B	Z	-13.461	-13.461	%100
145	MP4B	X	0	0	%100
146	MP4B	Z	-13.461	-13.461	%100
147	MP4.1B	X	0	0	%100
148	MP4.1B	Z	-8.976	-8.976	%100
149	MP5B	X	0	0	%100
150	MP5B	Z	-8.976	-8.976	%100
151	MP5.5B	X	0	0	%100
152	MP5.5B	Z	-13.461	-13.461	%100
153	M121	X	0	0	%100
154	M121	Z	-8.031	-8.031	%100
155	M122	X	0	0	%100
156	M122	Z	-8.031	-8.031	%100
157	M124	X	0	0	%100
158	M124	Z	-8.031	-8.031	%100
159	M126	X	0	0	%100
160	M126	Z	-8.031	-8.031	%100
161	M127	X	0	0	%100
162	M127	Z	-8.031	-8.031	%100
163	M128	X	0	0	%100
164	M128	Z	-8.031	-8.031	%100
165	MP0.5C	X	0	0	%100
166	MP0.5C	Z	-13.461	-13.461	%100
167	MP1C	X	0	0	%100
168	MP1C	Z	-8.976	-8.976	%100
169	MP1.8C	X	0	0	%100
170	MP1.8C	Z	-8.18	-8.18	%100
171	MP1.9C	X	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
172	MP1.9C	Z	-8.976	-8.976	0 %100
173	MP2C	X	0	0	0 %100
174	MP2C	Z	-13.461	-13.461	0 %100
175	MP4C	X	0	0	0 %100
176	MP4C	Z	-13.461	-13.461	0 %100
177	MP4.1C	X	0	0	0 %100
178	MP4.1C	Z	-8.976	-8.976	0 %100
179	MP5C	X	0	0	0 %100
180	MP5C	Z	-8.976	-8.976	0 %100
181	MP5.5C	X	0	0	0 %100
182	MP5.5C	Z	-13.461	-13.461	0 %100
183	M151	X	0	0	0 %100
184	M151	Z	-8.031	-8.031	0 %100
185	M152	X	0	0	0 %100
186	M152	Z	-8.031	-8.031	0 %100
187	M154	X	0	0	0 %100
188	M154	Z	-8.031	-8.031	0 %100
189	M156	X	0	0	0 %100
190	M156	Z	-8.031	-8.031	0 %100
191	M157	X	0	0	0 %100
192	M157	Z	-8.031	-8.031	0 %100
193	M158	X	0	0	0 %100
194	M158	Z	-8.031	-8.031	0 %100
195	MP3C	X	0	0	0 %100
196	MP3C	Z	-8.976	-8.976	0 %100
197	M218A	X	0	0	0 %100
198	M218A	Z	0	0	0 %100
199	M219A	X	0	0	0 %100
200	M219A	Z	0	0	0 %100
201	M220A	X	0	0	0 %100
202	M220A	Z	-8.031	-8.031	0 %100
203	M221A	X	0	0	0 %100
204	M221A	Z	-8.031	-8.031	0 %100
205	M222A	X	0	0	0 %100
206	M222A	Z	-8.031	-8.031	0 %100
207	M223	X	0	0	0 %100
208	M223	Z	-8.031	-8.031	0 %100
209	M218B	X	0	0	0 %100
210	M218B	Z	-46.676	-46.676	0 %100
211	M219B	X	0	0	0 %100
212	M219B	Z	-46.676	-46.676	0 %100
213	M228	X	0	0	0 %100
214	M228	Z	-10.866	-10.866	0 %100
215	M233	X	0	0	0 %100
216	M233	Z	-2.717	-2.717	0 %100
217	M238	X	0	0	0 %100
218	M238	Z	-2.717	-2.717	0 %100
219	M251	X	0	0	0 %100
220	M251	Z	-3.376	-3.376	0 %100
221	M253	X	0	0	0 %100
222	M253	Z	-13.503	-13.503	0 %100
223	M255	X	0	0	0 %100
224	M255	Z	-3.375	-3.375	0 %100
225	M261	X	0	0	0 %100
226	M261	Z	-10.866	-10.866	0 %100
227	M266	X	0	0	0 %100
228	M266	Z	-2.717	-2.717	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]	
229	M271	X	0	0	%100	
230	M271	Z	-2.717	-2.717	0	%100
231	M284	X	0	0	0	%100
232	M284	Z	-3.376	-3.376	0	%100
233	M286	X	0	0	0	%100
234	M286	Z	-13.503	-13.503	0	%100
235	M288	X	0	0	0	%100
236	M288	Z	-3.375	-3.375	0	%100
237	M290	X	0	0	0	%100
238	M290	Z	-12.511	-12.511	0	%100
239	M291	X	0	0	0	%100
240	M291	Z	-10.947	-10.947	0	%100
241	M274	X	0	0	0	%100
242	M274	Z	-13.542	-13.542	0	%100
243	M275A	X	0	0	0	%100
244	M275A	Z	-12.913	-12.913	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]	
1	M1	X	8.858	8.858	0	%100
2	M1	Z	-15.343	-15.343	0	%100
3	M2	X	8.858	8.858	0	%100
4	M2	Z	-15.343	-15.343	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	8.503	8.503	0	%100
8	M4	Z	-14.727	-14.727	0	%100
9	M5	X	7.505	7.505	0	%100
10	M5	Z	-13	-13	0	%100
11	M6	X	6.567	6.567	0	%100
12	M6	Z	-11.375	-11.375	0	%100
13	M7	X	6.866	6.866	0	%100
14	M7	Z	-11.892	-11.892	0	%100
15	M8	X	3.04	3.04	0	%100
16	M8	Z	-5.266	-5.266	0	%100
17	M9	X	9.239	9.239	0	%100
18	M9	Z	-16.002	-16.002	0	%100
19	M10	X	11.335	11.335	0	%100
20	M10	Z	-19.632	-19.632	0	%100
21	M11	X	4.961	4.961	0	%100
22	M11	Z	-8.592	-8.592	0	%100
23	M12	X	5.074	5.074	0	%100
24	M12	Z	-8.789	-8.789	0	%100
25	M13	X	5.074	5.074	0	%100
26	M13	Z	-8.789	-8.789	0	%100
27	M14	X	5.074	5.074	0	%100
28	M14	Z	-8.789	-8.789	0	%100
29	M15	X	5.074	5.074	0	%100
30	M15	Z	-8.789	-8.789	0	%100
31	M16	X	4.108	4.108	0	%100
32	M16	Z	-7.115	-7.115	0	%100
33	M17	X	4.239	4.239	0	%100
34	M17	Z	-7.342	-7.342	0	%100
35	M18	X	4.108	4.108	0	%100
36	M18	Z	-7.115	-7.115	0	%100
37	M19	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
38	M19	Z	0	0	%100
39	M20	X	5.074	5.074	%100
40	M20	Z	-8.789	-8.789	%100
41	M21	X	5.074	5.074	%100
42	M21	Z	-8.789	-8.789	%100
43	M22	X	5.074	5.074	%100
44	M22	Z	-8.789	-8.789	%100
45	M23	X	5.074	5.074	%100
46	M23	Z	-8.789	-8.789	%100
47	M24	X	0	0	%100
48	M24	Z	0	0	%100
49	M25	X	0	0	%100
50	M25	Z	0	0	%100
51	M26	X	0	0	%100
52	M26	Z	0	0	%100
53	M27	X	4.961	4.961	%100
54	M27	Z	-8.592	-8.592	%100
55	M28	X	5.074	5.074	%100
56	M28	Z	-8.789	-8.789	%100
57	M29	X	5.074	5.074	%100
58	M29	Z	-8.789	-8.789	%100
59	M30	X	5.074	5.074	%100
60	M30	Z	-8.789	-8.789	%100
61	M31	X	5.074	5.074	%100
62	M31	Z	-8.789	-8.789	%100
63	M32	X	4.108	4.108	%100
64	M32	Z	-7.115	-7.115	%100
65	M33	X	4.235	4.235	%100
66	M33	Z	-7.335	-7.335	%100
67	M34	X	4.112	4.112	%100
68	M34	Z	-7.122	-7.122	%100
69	M35	X	16.763	16.763	%100
70	M35	Z	-29.034	-29.034	%100
71	M36	X	16.763	16.763	%100
72	M36	Z	-29.034	-29.034	%100
73	M37	X	16.763	16.763	%100
74	M37	Z	-29.034	-29.034	%100
75	M62	X	6.61	6.61	%100
76	M62	Z	-11.449	-11.449	%100
77	M63	X	.951	.951	%100
78	M63	Z	-1.647	-1.647	%100
79	M64	X	.238	.238	%100
80	M64	Z	-.412	-.412	%100
81	M65	X	5.921	5.921	%100
82	M65	Z	-10.256	-10.256	%100
83	M66	X	0	0	%100
84	M66	Z	0	0	%100
85	M67	X	.238	.238	%100
86	M67	Z	-.412	-.412	%100
87	M68	X	.238	.238	%100
88	M68	Z	-.412	-.412	%100
89	M69	X	0	0	%100
90	M69	Z	0	0	%100
91	M70	X	6.61	6.61	%100
92	M70	Z	-11.449	-11.449	%100
93	M71	X	.238	.238	%100
94	M71	Z	-.412	-.412	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
95	M72	X	.951	.951	0 %100
96	M72	Z	-1.647	-1.647	0 %100
97	M73	X	5.921	5.921	0 %100
98	M73	Z	-10.256	-10.256	0 %100
99	M74	X	4.543	4.543	0 %100
100	M74	Z	-7.869	-7.869	0 %100
101	M75	X	0	0	0 %100
102	M75	Z	0	0	0 %100
103	M76	X	4.543	4.543	0 %100
104	M76	Z	-7.869	-7.869	0 %100
105	MP0.5A	X	6.73	6.73	0 %100
106	MP0.5A	Z	-11.657	-11.657	0 %100
107	MP1A	X	4.488	4.488	0 %100
108	MP1A	Z	-7.774	-7.774	0 %100
109	MP1.8A	X	4.09	4.09	0 %100
110	MP1.8A	Z	-7.084	-7.084	0 %100
111	MP1.9A	X	4.488	4.488	0 %100
112	MP1.9A	Z	-7.774	-7.774	0 %100
113	MP2A	X	6.73	6.73	0 %100
114	MP2A	Z	-11.657	-11.657	0 %100
115	MP4A	X	6.73	6.73	0 %100
116	MP4A	Z	-11.657	-11.657	0 %100
117	MP4.1A	X	4.488	4.488	0 %100
118	MP4.1A	Z	-7.774	-7.774	0 %100
119	MP5A	X	4.488	4.488	0 %100
120	MP5A	Z	-7.774	-7.774	0 %100
121	MP5.5A	X	6.73	6.73	0 %100
122	MP5.5A	Z	-11.657	-11.657	0 %100
123	M91	X	1.339	1.339	0 %100
124	M91	Z	-2.318	-2.318	0 %100
125	M92	X	1.339	1.339	0 %100
126	M92	Z	-2.318	-2.318	0 %100
127	M94	X	1.339	1.339	0 %100
128	M94	Z	-2.318	-2.318	0 %100
129	M96	X	1.339	1.339	0 %100
130	M96	Z	-2.318	-2.318	0 %100
131	M97	X	1.339	1.339	0 %100
132	M97	Z	-2.318	-2.318	0 %100
133	M98	X	1.339	1.339	0 %100
134	M98	Z	-2.318	-2.318	0 %100
135	MP0.5B	X	6.73	6.73	0 %100
136	MP0.5B	Z	-11.657	-11.657	0 %100
137	MP1B	X	4.488	4.488	0 %100
138	MP1B	Z	-7.774	-7.774	0 %100
139	MP1.8B	X	4.09	4.09	0 %100
140	MP1.8B	Z	-7.084	-7.084	0 %100
141	MP1.9B	X	4.488	4.488	0 %100
142	MP1.9B	Z	-7.774	-7.774	0 %100
143	MP2B	X	6.73	6.73	0 %100
144	MP2B	Z	-11.657	-11.657	0 %100
145	MP4B	X	6.73	6.73	0 %100
146	MP4B	Z	-11.657	-11.657	0 %100
147	MP4.1B	X	4.488	4.488	0 %100
148	MP4.1B	Z	-7.774	-7.774	0 %100
149	MP5B	X	4.488	4.488	0 %100
150	MP5B	Z	-7.774	-7.774	0 %100
151	MP5.5B	X	6.73	6.73	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
152	MP5.5B	Z	-11.657	-11.657	0 %100
153	M121	X	5.354	5.354	0 %100
154	M121	Z	-9.274	-9.274	0 %100
155	M122	X	5.354	5.354	0 %100
156	M122	Z	-9.274	-9.274	0 %100
157	M124	X	5.354	5.354	0 %100
158	M124	Z	-9.274	-9.274	0 %100
159	M126	X	5.354	5.354	0 %100
160	M126	Z	-9.274	-9.274	0 %100
161	M127	X	5.354	5.354	0 %100
162	M127	Z	-9.274	-9.274	0 %100
163	M128	X	5.354	5.354	0 %100
164	M128	Z	-9.274	-9.274	0 %100
165	MP0.5C	X	6.73	6.73	0 %100
166	MP0.5C	Z	-11.657	-11.657	0 %100
167	MP1C	X	4.488	4.488	0 %100
168	MP1C	Z	-7.774	-7.774	0 %100
169	MP1.8C	X	4.09	4.09	0 %100
170	MP1.8C	Z	-7.084	-7.084	0 %100
171	MP1.9C	X	4.488	4.488	0 %100
172	MP1.9C	Z	-7.774	-7.774	0 %100
173	MP2C	X	6.73	6.73	0 %100
174	MP2C	Z	-11.657	-11.657	0 %100
175	MP4C	X	6.73	6.73	0 %100
176	MP4C	Z	-11.657	-11.657	0 %100
177	MP4.1C	X	4.488	4.488	0 %100
178	MP4.1C	Z	-7.774	-7.774	0 %100
179	MP5C	X	4.488	4.488	0 %100
180	MP5C	Z	-7.774	-7.774	0 %100
181	MP5.5C	X	6.73	6.73	0 %100
182	MP5.5C	Z	-11.657	-11.657	0 %100
183	M151	X	1.339	1.339	0 %100
184	M151	Z	-2.318	-2.318	0 %100
185	M152	X	1.339	1.339	0 %100
186	M152	Z	-2.318	-2.318	0 %100
187	M154	X	1.339	1.339	0 %100
188	M154	Z	-2.318	-2.318	0 %100
189	M156	X	1.339	1.339	0 %100
190	M156	Z	-2.318	-2.318	0 %100
191	M157	X	1.339	1.339	0 %100
192	M157	Z	-2.318	-2.318	0 %100
193	M158	X	1.339	1.339	0 %100
194	M158	Z	-2.318	-2.318	0 %100
195	MP3C	X	4.488	4.488	0 %100
196	MP3C	Z	-7.774	-7.774	0 %100
197	M218A	X	1.339	1.339	0 %100
198	M218A	Z	-2.318	-2.318	0 %100
199	M219A	X	1.339	1.339	0 %100
200	M219A	Z	-2.318	-2.318	0 %100
201	M220A	X	5.354	5.354	0 %100
202	M220A	Z	-9.274	-9.274	0 %100
203	M221A	X	5.354	5.354	0 %100
204	M221A	Z	-9.274	-9.274	0 %100
205	M222A	X	1.339	1.339	0 %100
206	M222A	Z	-2.318	-2.318	0 %100
207	M223	X	1.339	1.339	0 %100
208	M223	Z	-2.318	-2.318	0 %100





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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
209	M218B	X	19.317	19.317	0	%100
210	M218B	Z	-33.457	-33.457	0	%100
211	M219B	X	19.317	19.317	0	%100
212	M219B	Z	-33.457	-33.457	0	%100
213	M228	X	4.075	4.075	0	%100
214	M228	Z	-7.058	-7.058	0	%100
215	M233	X	0	0	0	%100
216	M233	Z	0	0	0	%100
217	M238	X	4.075	4.075	0	%100
218	M238	Z	-7.058	-7.058	0	%100
219	M251	X	5.064	5.064	0	%100
220	M251	Z	-8.771	-8.771	0	%100
221	M253	X	5.063	5.063	0	%100
222	M253	Z	-8.77	-8.77	0	%100
223	M255	X	0	0	0	%100
224	M255	Z	0	0	0	%100
225	M261	X	4.075	4.075	0	%100
226	M261	Z	-7.058	-7.058	0	%100
227	M266	X	0	0	0	%100
228	M266	Z	0	0	0	%100
229	M271	X	4.075	4.075	0	%100
230	M271	Z	-7.058	-7.058	0	%100
231	M284	X	5.064	5.064	0	%100
232	M284	Z	-8.771	-8.771	0	%100
233	M286	X	5.063	5.063	0	%100
234	M286	Z	-8.77	-8.77	0	%100
235	M288	X	0	0	0	%100
236	M288	Z	0	0	0	%100
237	M290	X	2.675	2.675	0	%100
238	M290	Z	-4.633	-4.633	0	%100
239	M291	X	7.79	7.79	0	%100
240	M291	Z	-13.493	-13.493	0	%100
241	M274	X	4.331	4.331	0	%100
242	M274	Z	-7.502	-7.502	0	%100
243	M275A	X	7.825	7.825	0	%100
244	M275A	Z	-13.553	-13.553	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	20.457	20.457	0	%100
2	M1	Z	-11.811	-11.811	0	%100
3	M2	X	5.114	5.114	0	%100
4	M2	Z	-2.953	-2.953	0	%100
5	M3	X	5.114	5.114	0	%100
6	M3	Z	-2.953	-2.953	0	%100
7	M4	X	4.909	4.909	0	%100
8	M4	Z	-2.834	-2.834	0	%100
9	M5	X	4.333	4.333	0	%100
10	M5	Z	-2.502	-2.502	0	%100
11	M6	X	3.792	3.792	0	%100
12	M6	Z	-2.189	-2.189	0	%100
13	M7	X	15.72	15.72	0	%100
14	M7	Z	-9.076	-9.076	0	%100
15	M8	X	5.716	5.716	0	%100
16	M8	Z	-3.3	-3.3	0	%100
17	M9	X	18.02	18.02	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
18	M9	Z	-10.404	-10.404	0 %100
19	M10	X	21.305	21.305	0 %100
20	M10	Z	-12.3	-12.3	0 %100
21	M11	X	2.864	2.864	0 %100
22	M11	Z	-1.654	-1.654	0 %100
23	M12	X	8.789	8.789	0 %100
24	M12	Z	-5.074	-5.074	0 %100
25	M13	X	8.789	8.789	0 %100
26	M13	Z	-5.074	-5.074	0 %100
27	M14	X	8.789	8.789	0 %100
28	M14	Z	-5.074	-5.074	0 %100
29	M15	X	8.789	8.789	0 %100
30	M15	Z	-5.074	-5.074	0 %100
31	M16	X	2.372	2.372	0 %100
32	M16	Z	-1.369	-1.369	0 %100
33	M17	X	2.447	2.447	0 %100
34	M17	Z	-1.413	-1.413	0 %100
35	M18	X	2.372	2.372	0 %100
36	M18	Z	-1.369	-1.369	0 %100
37	M19	X	2.864	2.864	0 %100
38	M19	Z	-1.654	-1.654	0 %100
39	M20	X	8.789	8.789	0 %100
40	M20	Z	-5.074	-5.074	0 %100
41	M21	X	8.789	8.789	0 %100
42	M21	Z	-5.074	-5.074	0 %100
43	M22	X	8.789	8.789	0 %100
44	M22	Z	-5.074	-5.074	0 %100
45	M23	X	8.789	8.789	0 %100
46	M23	Z	-5.074	-5.074	0 %100
47	M24	X	2.372	2.372	0 %100
48	M24	Z	-1.369	-1.369	0 %100
49	M25	X	2.447	2.447	0 %100
50	M25	Z	-1.413	-1.413	0 %100
51	M26	X	2.372	2.372	0 %100
52	M26	Z	-1.369	-1.369	0 %100
53	M27	X	11.456	11.456	0 %100
54	M27	Z	-6.614	-6.614	0 %100
55	M28	X	8.789	8.789	0 %100
56	M28	Z	-5.074	-5.074	0 %100
57	M29	X	8.789	8.789	0 %100
58	M29	Z	-5.074	-5.074	0 %100
59	M30	X	8.789	8.789	0 %100
60	M30	Z	-5.074	-5.074	0 %100
61	M31	X	8.789	8.789	0 %100
62	M31	Z	-5.074	-5.074	0 %100
63	M32	X	9.486	9.486	0 %100
64	M32	Z	-5.477	-5.477	0 %100
65	M33	X	9.78	9.78	0 %100
66	M33	Z	-5.646	-5.646	0 %100
67	M34	X	9.495	9.495	0 %100
68	M34	Z	-5.482	-5.482	0 %100
69	M35	X	29.034	29.034	0 %100
70	M35	Z	-16.763	-16.763	0 %100
71	M36	X	29.034	29.034	0 %100
72	M36	Z	-16.763	-16.763	0 %100
73	M37	X	29.034	29.034	0 %100
74	M37	Z	-16.763	-16.763	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
75	M62	X	3.816	3.816	0 %100
76	M62	Z	-2.203	-2.203	0 %100
77	M63	X	1.235	1.235	0 %100
78	M63	Z	-.713	-.713	0 %100
79	M64	X	0	0	0 %100
80	M64	Z	0	0	0 %100
81	M65	X	3.419	3.419	0 %100
82	M65	Z	-1.974	-1.974	0 %100
83	M66	X	3.816	3.816	0 %100
84	M66	Z	-2.203	-2.203	0 %100
85	M67	X	0	0	0 %100
86	M67	Z	0	0	0 %100
87	M68	X	1.235	1.235	0 %100
88	M68	Z	-.713	-.713	0 %100
89	M69	X	3.419	3.419	0 %100
90	M69	Z	-1.974	-1.974	0 %100
91	M70	X	15.266	15.266	0 %100
92	M70	Z	-8.814	-8.814	0 %100
93	M71	X	1.235	1.235	0 %100
94	M71	Z	-.713	-.713	0 %100
95	M72	X	1.235	1.235	0 %100
96	M72	Z	-.713	-.713	0 %100
97	M73	X	13.675	13.675	0 %100
98	M73	Z	-7.895	-7.895	0 %100
99	M74	X	2.623	2.623	0 %100
100	M74	Z	-1.514	-1.514	0 %100
101	M75	X	2.623	2.623	0 %100
102	M75	Z	-1.514	-1.514	0 %100
103	M76	X	10.492	10.492	0 %100
104	M76	Z	-6.058	-6.058	0 %100
105	MP0.5A	X	11.657	11.657	0 %100
106	MP0.5A	Z	-6.73	-6.73	0 %100
107	MP1A	X	7.774	7.774	0 %100
108	MP1A	Z	-4.488	-4.488	0 %100
109	MP1.8A	X	7.084	7.084	0 %100
110	MP1.8A	Z	-4.09	-4.09	0 %100
111	MP1.9A	X	7.774	7.774	0 %100
112	MP1.9A	Z	-4.488	-4.488	0 %100
113	MP2A	X	11.657	11.657	0 %100
114	MP2A	Z	-6.73	-6.73	0 %100
115	MP4A	X	11.657	11.657	0 %100
116	MP4A	Z	-6.73	-6.73	0 %100
117	MP4.1A	X	7.774	7.774	0 %100
118	MP4.1A	Z	-4.488	-4.488	0 %100
119	MP5A	X	7.774	7.774	0 %100
120	MP5A	Z	-4.488	-4.488	0 %100
121	MP5.5A	X	11.657	11.657	0 %100
122	MP5.5A	Z	-6.73	-6.73	0 %100
123	M91	X	6.955	6.955	0 %100
124	M91	Z	-4.016	-4.016	0 %100
125	M92	X	6.955	6.955	0 %100
126	M92	Z	-4.016	-4.016	0 %100
127	M94	X	6.955	6.955	0 %100
128	M94	Z	-4.016	-4.016	0 %100
129	M96	X	6.955	6.955	0 %100
130	M96	Z	-4.016	-4.016	0 %100
131	M97	X	6.955	6.955	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
132	M97	Z	-4.016	-4.016	0 %100
133	M98	X	6.955	6.955	0 %100
134	M98	Z	-4.016	-4.016	0 %100
135	MP0.5B	X	11.657	11.657	0 %100
136	MP0.5B	Z	-6.73	-6.73	0 %100
137	MP1B	X	7.774	7.774	0 %100
138	MP1B	Z	-4.488	-4.488	0 %100
139	MP1.8B	X	7.084	7.084	0 %100
140	MP1.8B	Z	-4.09	-4.09	0 %100
141	MP1.9B	X	7.774	7.774	0 %100
142	MP1.9B	Z	-4.488	-4.488	0 %100
143	MP2B	X	11.657	11.657	0 %100
144	MP2B	Z	-6.73	-6.73	0 %100
145	MP4B	X	11.657	11.657	0 %100
146	MP4B	Z	-6.73	-6.73	0 %100
147	MP4.1B	X	7.774	7.774	0 %100
148	MP4.1B	Z	-4.488	-4.488	0 %100
149	MP5B	X	7.774	7.774	0 %100
150	MP5B	Z	-4.488	-4.488	0 %100
151	MP5.5B	X	11.657	11.657	0 %100
152	MP5.5B	Z	-6.73	-6.73	0 %100
153	M121	X	6.955	6.955	0 %100
154	M121	Z	-4.016	-4.016	0 %100
155	M122	X	6.955	6.955	0 %100
156	M122	Z	-4.016	-4.016	0 %100
157	M124	X	6.955	6.955	0 %100
158	M124	Z	-4.016	-4.016	0 %100
159	M126	X	6.955	6.955	0 %100
160	M126	Z	-4.016	-4.016	0 %100
161	M127	X	6.955	6.955	0 %100
162	M127	Z	-4.016	-4.016	0 %100
163	M128	X	6.955	6.955	0 %100
164	M128	Z	-4.016	-4.016	0 %100
165	MP0.5C	X	11.657	11.657	0 %100
166	MP0.5C	Z	-6.73	-6.73	0 %100
167	MP1C	X	7.774	7.774	0 %100
168	MP1C	Z	-4.488	-4.488	0 %100
169	MP1.8C	X	7.084	7.084	0 %100
170	MP1.8C	Z	-4.09	-4.09	0 %100
171	MP1.9C	X	7.774	7.774	0 %100
172	MP1.9C	Z	-4.488	-4.488	0 %100
173	MP2C	X	11.657	11.657	0 %100
174	MP2C	Z	-6.73	-6.73	0 %100
175	MP4C	X	11.657	11.657	0 %100
176	MP4C	Z	-6.73	-6.73	0 %100
177	MP4.1C	X	7.774	7.774	0 %100
178	MP4.1C	Z	-4.488	-4.488	0 %100
179	MP5C	X	7.774	7.774	0 %100
180	MP5C	Z	-4.488	-4.488	0 %100
181	MP5.5C	X	11.657	11.657	0 %100
182	MP5.5C	Z	-6.73	-6.73	0 %100
183	M151	X	0	0	0 %100
184	M151	Z	0	0	0 %100
185	M152	X	0	0	0 %100
186	M152	Z	0	0	0 %100
187	M154	X	0	0	0 %100
188	M154	Z	0	0	0 %100





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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	17.716	17.716	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	17.716	17.716	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	21.658	21.658	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	15.605	15.605	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	20.581	20.581	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	16.633	16.633	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	10.149	10.149	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	10.149	10.149	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	10.149	10.149	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	10.149	10.149	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	9.921	9.921	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	10.149	10.149	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	10.149	10.149	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	10.149	10.149	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	10.149	10.149	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	8.215	8.215	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	8.478	8.478	0	%100
50	M25	Z	0	0	0	%100
51	M26	X	8.215	8.215	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	9.921	9.921	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	10.149	10.149	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	10.149	10.149	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
58	M29	Z	0	0	%100
59	M30	X	10.149	10.149	%100
60	M30	Z	0	0	%100
61	M31	X	10.149	10.149	%100
62	M31	Z	0	0	%100
63	M32	X	8.215	8.215	%100
64	M32	Z	0	0	%100
65	M33	X	8.469	8.469	%100
66	M33	Z	0	0	%100
67	M34	X	8.223	8.223	%100
68	M34	Z	0	0	%100
69	M35	X	33.525	33.525	%100
70	M35	Z	0	0	%100
71	M36	X	33.525	33.525	%100
72	M36	Z	0	0	%100
73	M37	X	33.525	33.525	%100
74	M37	Z	0	0	%100
75	M62	X	0	0	%100
76	M62	Z	0	0	%100
77	M63	X	.475	.475	%100
78	M63	Z	0	0	%100
79	M64	X	.475	.475	%100
80	M64	Z	0	0	%100
81	M65	X	0	0	%100
82	M65	Z	0	0	%100
83	M66	X	13.22	13.22	%100
84	M66	Z	0	0	%100
85	M67	X	.475	.475	%100
86	M67	Z	0	0	%100
87	M68	X	1.901	1.901	%100
88	M68	Z	0	0	%100
89	M69	X	11.843	11.843	%100
90	M69	Z	0	0	%100
91	M70	X	13.22	13.22	%100
92	M70	Z	0	0	%100
93	M71	X	1.901	1.901	%100
94	M71	Z	0	0	%100
95	M72	X	.475	.475	%100
96	M72	Z	0	0	%100
97	M73	X	11.843	11.843	%100
98	M73	Z	0	0	%100
99	M74	X	0	0	%100
100	M74	Z	0	0	%100
101	M75	X	9.087	9.087	%100
102	M75	Z	0	0	%100
103	M76	X	9.087	9.087	%100
104	M76	Z	0	0	%100
105	MP0.5A	X	13.461	13.461	%100
106	MP0.5A	Z	0	0	%100
107	MP1A	X	8.976	8.976	%100
108	MP1A	Z	0	0	%100
109	MP1.8A	X	8.18	8.18	%100
110	MP1.8A	Z	0	0	%100
111	MP1.9A	X	8.976	8.976	%100
112	MP1.9A	Z	0	0	%100
113	MP2A	X	13.461	13.461	%100
114	MP2A	Z	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
115	MP4A	X	13.461	13.461	0 %100
116	MP4A	Z	0	0	0 %100
117	MP4.1A	X	8.976	8.976	0 %100
118	MP4.1A	Z	0	0	0 %100
119	MP5A	X	8.976	8.976	0 %100
120	MP5A	Z	0	0	0 %100
121	MP5.5A	X	13.461	13.461	0 %100
122	MP5.5A	Z	0	0	0 %100
123	M91	X	10.709	10.709	0 %100
124	M91	Z	0	0	0 %100
125	M92	X	10.709	10.709	0 %100
126	M92	Z	0	0	0 %100
127	M94	X	10.709	10.709	0 %100
128	M94	Z	0	0	0 %100
129	M96	X	10.709	10.709	0 %100
130	M96	Z	0	0	0 %100
131	M97	X	10.709	10.709	0 %100
132	M97	Z	0	0	0 %100
133	M98	X	10.709	10.709	0 %100
134	M98	Z	0	0	0 %100
135	MP0.5B	X	13.461	13.461	0 %100
136	MP0.5B	Z	0	0	0 %100
137	MP1B	X	8.976	8.976	0 %100
138	MP1B	Z	0	0	0 %100
139	MP1.8B	X	8.18	8.18	0 %100
140	MP1.8B	Z	0	0	0 %100
141	MP1.9B	X	8.976	8.976	0 %100
142	MP1.9B	Z	0	0	0 %100
143	MP2B	X	13.461	13.461	0 %100
144	MP2B	Z	0	0	0 %100
145	MP4B	X	13.461	13.461	0 %100
146	MP4B	Z	0	0	0 %100
147	MP4.1B	X	8.976	8.976	0 %100
148	MP4.1B	Z	0	0	0 %100
149	MP5B	X	8.976	8.976	0 %100
150	MP5B	Z	0	0	0 %100
151	MP5.5B	X	13.461	13.461	0 %100
152	MP5.5B	Z	0	0	0 %100
153	M121	X	2.677	2.677	0 %100
154	M121	Z	0	0	0 %100
155	M122	X	2.677	2.677	0 %100
156	M122	Z	0	0	0 %100
157	M124	X	2.677	2.677	0 %100
158	M124	Z	0	0	0 %100
159	M126	X	2.677	2.677	0 %100
160	M126	Z	0	0	0 %100
161	M127	X	2.677	2.677	0 %100
162	M127	Z	0	0	0 %100
163	M128	X	2.677	2.677	0 %100
164	M128	Z	0	0	0 %100
165	MP0.5C	X	13.461	13.461	0 %100
166	MP0.5C	Z	0	0	0 %100
167	MP1C	X	8.976	8.976	0 %100
168	MP1C	Z	0	0	0 %100
169	MP1.8C	X	8.18	8.18	0 %100
170	MP1.8C	Z	0	0	0 %100
171	MP1.9C	X	8.976	8.976	0 %100





Company : GPD  
 Designer : ENIETO  
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**Member Distributed Loads (BLC 44 : Structure Wo (90 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
172	MP1.9C	Z	0	0	%100
173	MP2C	X	13.461	13.461	%100
174	MP2C	Z	0	0	%100
175	MP4C	X	13.461	13.461	%100
176	MP4C	Z	0	0	%100
177	MP4.1C	X	8.976	8.976	%100
178	MP4.1C	Z	0	0	%100
179	MP5C	X	8.976	8.976	%100
180	MP5C	Z	0	0	%100
181	MP5.5C	X	13.461	13.461	%100
182	MP5.5C	Z	0	0	%100
183	M151	X	2.677	2.677	%100
184	M151	Z	0	0	%100
185	M152	X	2.677	2.677	%100
186	M152	Z	0	0	%100
187	M154	X	2.677	2.677	%100
188	M154	Z	0	0	%100
189	M156	X	2.677	2.677	%100
190	M156	Z	0	0	%100
191	M157	X	2.677	2.677	%100
192	M157	Z	0	0	%100
193	M158	X	2.677	2.677	%100
194	M158	Z	0	0	%100
195	MP3C	X	8.976	8.976	%100
196	MP3C	Z	0	0	%100
197	M218A	X	10.709	10.709	%100
198	M218A	Z	0	0	%100
199	M219A	X	10.709	10.709	%100
200	M219A	Z	0	0	%100
201	M220A	X	2.677	2.677	%100
202	M220A	Z	0	0	%100
203	M221A	X	2.677	2.677	%100
204	M221A	Z	0	0	%100
205	M222A	X	2.677	2.677	%100
206	M222A	Z	0	0	%100
207	M223	X	2.677	2.677	%100
208	M223	Z	0	0	%100
209	M218B	X	.357	.357	%100
210	M218B	Z	0	0	%100
211	M219B	X	.357	.357	%100
212	M219B	Z	0	0	%100
213	M228	X	0	0	%100
214	M228	Z	0	0	%100
215	M233	X	8.15	8.15	%100
216	M233	Z	0	0	%100
217	M238	X	8.15	8.15	%100
218	M238	Z	0	0	%100
219	M251	X	10.127	10.127	%100
220	M251	Z	0	0	%100
221	M253	X	0	0	%100
222	M253	Z	0	0	%100
223	M255	X	10.128	10.128	%100
224	M255	Z	0	0	%100
225	M261	X	0	0	%100
226	M261	Z	0	0	%100
227	M266	X	8.15	8.15	%100
228	M266	Z	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
229	M271	X	8.15	8.15	0 %100
230	M271	Z	0	0	0 %100
231	M284	X	10.127	10.127	0 %100
232	M284	Z	0	0	0 %100
233	M286	X	0	0	0 %100
234	M286	Z	0	0	0 %100
235	M288	X	10.128	10.128	0 %100
236	M288	Z	0	0	0 %100
237	M290	X	4.639	4.639	0 %100
238	M290	Z	0	0	0 %100
239	M291	X	6.881	6.881	0 %100
240	M291	Z	0	0	0 %100
241	M274	X	8.178	8.178	0 %100
242	M274	Z	0	0	0 %100
243	M275A	X	10.512	10.512	0 %100
244	M275A	Z	0	0	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	5.114	5.114	0 %100
2	M1	Z	2.953	2.953	0 %100
3	M2	X	5.114	5.114	0 %100
4	M2	Z	2.953	2.953	0 %100
5	M3	X	20.457	20.457	0 %100
6	M3	Z	11.811	11.811	0 %100
7	M4	X	4.909	4.909	0 %100
8	M4	Z	2.834	2.834	0 %100
9	M5	X	4.333	4.333	0 %100
10	M5	Z	2.502	2.502	0 %100
11	M6	X	3.792	3.792	0 %100
12	M6	Z	2.189	2.189	0 %100
13	M7	X	17.965	17.965	0 %100
14	M7	Z	10.372	10.372	0 %100
15	M8	X	20.863	20.863	0 %100
16	M8	Z	12.045	12.045	0 %100
17	M9	X	15.608	15.608	0 %100
18	M9	Z	9.011	9.011	0 %100
19	M10	X	5.832	5.832	0 %100
20	M10	Z	3.367	3.367	0 %100
21	M11	X	2.864	2.864	0 %100
22	M11	Z	1.654	1.654	0 %100
23	M12	X	8.789	8.789	0 %100
24	M12	Z	5.074	5.074	0 %100
25	M13	X	8.789	8.789	0 %100
26	M13	Z	5.074	5.074	0 %100
27	M14	X	8.789	8.789	0 %100
28	M14	Z	5.074	5.074	0 %100
29	M15	X	8.789	8.789	0 %100
30	M15	Z	5.074	5.074	0 %100
31	M16	X	2.372	2.372	0 %100
32	M16	Z	1.369	1.369	0 %100
33	M17	X	2.447	2.447	0 %100
34	M17	Z	1.413	1.413	0 %100
35	M18	X	2.372	2.372	0 %100
36	M18	Z	1.369	1.369	0 %100
37	M19	X	11.456	11.456	0 %100



Company : GPD  
 Designer : ENIETO  
 Job Number : Project No. 10084891  
 Model Name : 467684-VZW\_MT\_LO\_H

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
38	M19	Z	6.614	6.614	0 %100
39	M20	X	8.789	8.789	0 %100
40	M20	Z	5.074	5.074	0 %100
41	M21	X	8.789	8.789	0 %100
42	M21	Z	5.074	5.074	0 %100
43	M22	X	8.789	8.789	0 %100
44	M22	Z	5.074	5.074	0 %100
45	M23	X	8.789	8.789	0 %100
46	M23	Z	5.074	5.074	0 %100
47	M24	X	9.486	9.486	0 %100
48	M24	Z	5.477	5.477	0 %100
49	M25	X	9.789	9.789	0 %100
50	M25	Z	5.652	5.652	0 %100
51	M26	X	9.486	9.486	0 %100
52	M26	Z	5.477	5.477	0 %100
53	M27	X	2.864	2.864	0 %100
54	M27	Z	1.654	1.654	0 %100
55	M28	X	8.789	8.789	0 %100
56	M28	Z	5.074	5.074	0 %100
57	M29	X	8.789	8.789	0 %100
58	M29	Z	5.074	5.074	0 %100
59	M30	X	8.789	8.789	0 %100
60	M30	Z	5.074	5.074	0 %100
61	M31	X	8.789	8.789	0 %100
62	M31	Z	5.074	5.074	0 %100
63	M32	X	2.372	2.372	0 %100
64	M32	Z	1.369	1.369	0 %100
65	M33	X	2.445	2.445	0 %100
66	M33	Z	1.412	1.412	0 %100
67	M34	X	2.374	2.374	0 %100
68	M34	Z	1.371	1.371	0 %100
69	M35	X	29.034	29.034	0 %100
70	M35	Z	16.763	16.763	0 %100
71	M36	X	29.034	29.034	0 %100
72	M36	Z	16.763	16.763	0 %100
73	M37	X	29.034	29.034	0 %100
74	M37	Z	16.763	16.763	0 %100
75	M62	X	3.816	3.816	0 %100
76	M62	Z	2.203	2.203	0 %100
77	M63	X	0	0	0 %100
78	M63	Z	0	0	0 %100
79	M64	X	1.235	1.235	0 %100
80	M64	Z	.713	.713	0 %100
81	M65	X	3.419	3.419	0 %100
82	M65	Z	1.974	1.974	0 %100
83	M66	X	15.266	15.266	0 %100
84	M66	Z	8.814	8.814	0 %100
85	M67	X	1.235	1.235	0 %100
86	M67	Z	.713	.713	0 %100
87	M68	X	1.235	1.235	0 %100
88	M68	Z	.713	.713	0 %100
89	M69	X	13.675	13.675	0 %100
90	M69	Z	7.895	7.895	0 %100
91	M70	X	3.816	3.816	0 %100
92	M70	Z	2.203	2.203	0 %100
93	M71	X	1.235	1.235	0 %100
94	M71	Z	.713	.713	0 %100



Company : GPD  
 Designer : ENIETO  
 Job Number : Project No. 10084891  
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**Member Distributed Loads (BLC 45 : Structure Wo (120 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
95	M72	X	0	0	0	%100
96	M72	Z	0	0	0	%100
97	M73	X	3.419	3.419	0	%100
98	M73	Z	1.974	1.974	0	%100
99	M74	X	2.623	2.623	0	%100
100	M74	Z	1.514	1.514	0	%100
101	M75	X	10.492	10.492	0	%100
102	M75	Z	6.058	6.058	0	%100
103	M76	X	2.623	2.623	0	%100
104	M76	Z	1.514	1.514	0	%100
105	MP0.5A	X	11.657	11.657	0	%100
106	MP0.5A	Z	6.73	6.73	0	%100
107	MP1A	X	7.774	7.774	0	%100
108	MP1A	Z	4.488	4.488	0	%100
109	MP1.8A	X	7.084	7.084	0	%100
110	MP1.8A	Z	4.09	4.09	0	%100
111	MP1.9A	X	7.774	7.774	0	%100
112	MP1.9A	Z	4.488	4.488	0	%100
113	MP2A	X	11.657	11.657	0	%100
114	MP2A	Z	6.73	6.73	0	%100
115	MP4A	X	11.657	11.657	0	%100
116	MP4A	Z	6.73	6.73	0	%100
117	MP4.1A	X	7.774	7.774	0	%100
118	MP4.1A	Z	4.488	4.488	0	%100
119	MP5A	X	7.774	7.774	0	%100
120	MP5A	Z	4.488	4.488	0	%100
121	MP5.5A	X	11.657	11.657	0	%100
122	MP5.5A	Z	6.73	6.73	0	%100
123	M91	X	6.955	6.955	0	%100
124	M91	Z	4.016	4.016	0	%100
125	M92	X	6.955	6.955	0	%100
126	M92	Z	4.016	4.016	0	%100
127	M94	X	6.955	6.955	0	%100
128	M94	Z	4.016	4.016	0	%100
129	M96	X	6.955	6.955	0	%100
130	M96	Z	4.016	4.016	0	%100
131	M97	X	6.955	6.955	0	%100
132	M97	Z	4.016	4.016	0	%100
133	M98	X	6.955	6.955	0	%100
134	M98	Z	4.016	4.016	0	%100
135	MP0.5B	X	11.657	11.657	0	%100
136	MP0.5B	Z	6.73	6.73	0	%100
137	MP1B	X	7.774	7.774	0	%100
138	MP1B	Z	4.488	4.488	0	%100
139	MP1.8B	X	7.084	7.084	0	%100
140	MP1.8B	Z	4.09	4.09	0	%100
141	MP1.9B	X	7.774	7.774	0	%100
142	MP1.9B	Z	4.488	4.488	0	%100
143	MP2B	X	11.657	11.657	0	%100
144	MP2B	Z	6.73	6.73	0	%100
145	MP4B	X	11.657	11.657	0	%100
146	MP4B	Z	6.73	6.73	0	%100
147	MP4.1B	X	7.774	7.774	0	%100
148	MP4.1B	Z	4.488	4.488	0	%100
149	MP5B	X	7.774	7.774	0	%100
150	MP5B	Z	4.488	4.488	0	%100
151	MP5.5B	X	11.657	11.657	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
152	MP5.5B	Z	6.73	6.73	0 %100
153	M121	X	0	0	0 %100
154	M121	Z	0	0	0 %100
155	M122	X	0	0	0 %100
156	M122	Z	0	0	0 %100
157	M124	X	0	0	0 %100
158	M124	Z	0	0	0 %100
159	M126	X	0	0	0 %100
160	M126	Z	0	0	0 %100
161	M127	X	0	0	0 %100
162	M127	Z	0	0	0 %100
163	M128	X	0	0	0 %100
164	M128	Z	0	0	0 %100
165	MP0.5C	X	11.657	11.657	0 %100
166	MP0.5C	Z	6.73	6.73	0 %100
167	MP1C	X	7.774	7.774	0 %100
168	MP1C	Z	4.488	4.488	0 %100
169	MP1.8C	X	7.084	7.084	0 %100
170	MP1.8C	Z	4.09	4.09	0 %100
171	MP1.9C	X	7.774	7.774	0 %100
172	MP1.9C	Z	4.488	4.488	0 %100
173	MP2C	X	11.657	11.657	0 %100
174	MP2C	Z	6.73	6.73	0 %100
175	MP4C	X	11.657	11.657	0 %100
176	MP4C	Z	6.73	6.73	0 %100
177	MP4.1C	X	7.774	7.774	0 %100
178	MP4.1C	Z	4.488	4.488	0 %100
179	MP5C	X	7.774	7.774	0 %100
180	MP5C	Z	4.488	4.488	0 %100
181	MP5.5C	X	11.657	11.657	0 %100
182	MP5.5C	Z	6.73	6.73	0 %100
183	M151	X	6.955	6.955	0 %100
184	M151	Z	4.016	4.016	0 %100
185	M152	X	6.955	6.955	0 %100
186	M152	Z	4.016	4.016	0 %100
187	M154	X	6.955	6.955	0 %100
188	M154	Z	4.016	4.016	0 %100
189	M156	X	6.955	6.955	0 %100
190	M156	Z	4.016	4.016	0 %100
191	M157	X	6.955	6.955	0 %100
192	M157	Z	4.016	4.016	0 %100
193	M158	X	6.955	6.955	0 %100
194	M158	Z	4.016	4.016	0 %100
195	MP3C	X	7.774	7.774	0 %100
196	MP3C	Z	4.488	4.488	0 %100
197	M218A	X	6.955	6.955	0 %100
198	M218A	Z	4.016	4.016	0 %100
199	M219A	X	6.955	6.955	0 %100
200	M219A	Z	4.016	4.016	0 %100
201	M220A	X	0	0	0 %100
202	M220A	Z	0	0	0 %100
203	M221A	X	0	0	0 %100
204	M221A	Z	0	0	0 %100
205	M222A	X	6.955	6.955	0 %100
206	M222A	Z	4.016	4.016	0 %100
207	M223	X	6.955	6.955	0 %100
208	M223	Z	4.016	4.016	0 %100



Company : GPD  
 Designer : ENIETO  
 Job Number : Project No. 10084891  
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**Member Distributed Loads (BLC 45 : Structure Wo (120 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
209	M218B	X	7.275	7.275	0	%100
210	M218B	Z	4.2	4.2	0	%100
211	M219B	X	7.275	7.275	0	%100
212	M219B	Z	4.2	4.2	0	%100
213	M228	X	2.353	2.353	0	%100
214	M228	Z	1.358	1.358	0	%100
215	M233	X	9.41	9.41	0	%100
216	M233	Z	5.433	5.433	0	%100
217	M238	X	2.353	2.353	0	%100
218	M238	Z	1.358	1.358	0	%100
219	M251	X	2.923	2.923	0	%100
220	M251	Z	1.688	1.688	0	%100
221	M253	X	2.924	2.924	0	%100
222	M253	Z	1.688	1.688	0	%100
223	M255	X	11.694	11.694	0	%100
224	M255	Z	6.752	6.752	0	%100
225	M261	X	2.353	2.353	0	%100
226	M261	Z	1.358	1.358	0	%100
227	M266	X	9.41	9.41	0	%100
228	M266	Z	5.433	5.433	0	%100
229	M271	X	2.353	2.353	0	%100
230	M271	Z	1.358	1.358	0	%100
231	M284	X	2.923	2.923	0	%100
232	M284	Z	1.688	1.688	0	%100
233	M286	X	2.924	2.924	0	%100
234	M286	Z	1.688	1.688	0	%100
235	M288	X	11.694	11.694	0	%100
236	M288	Z	6.752	6.752	0	%100
237	M290	X	10.219	10.219	0	%100
238	M290	Z	5.9	5.9	0	%100
239	M291	X	1.946	1.946	0	%100
240	M291	Z	1.123	1.123	0	%100
241	M274	X	11.308	11.308	0	%100
242	M274	Z	6.529	6.529	0	%100
243	M275A	X	6.734	6.734	0	%100
244	M275A	Z	3.888	3.888	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	8.858	8.858	0	%100
4	M2	Z	15.343	15.343	0	%100
5	M3	X	8.858	8.858	0	%100
6	M3	Z	15.343	15.343	0	%100
7	M4	X	8.503	8.503	0	%100
8	M4	Z	14.727	14.727	0	%100
9	M5	X	7.505	7.505	0	%100
10	M5	Z	13	13	0	%100
11	M6	X	6.567	6.567	0	%100
12	M6	Z	11.375	11.375	0	%100
13	M7	X	8.162	8.162	0	%100
14	M7	Z	14.137	14.137	0	%100
15	M8	X	11.785	11.785	0	%100
16	M8	Z	20.413	20.413	0	%100
17	M9	X	7.846	7.846	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
18	M9	Z	13.59	13.59	0 %100
19	M10	X	2.401	2.401	0 %100
20	M10	Z	4.159	4.159	0 %100
21	M11	X	4.961	4.961	0 %100
22	M11	Z	8.592	8.592	0 %100
23	M12	X	5.074	5.074	0 %100
24	M12	Z	8.789	8.789	0 %100
25	M13	X	5.074	5.074	0 %100
26	M13	Z	8.789	8.789	0 %100
27	M14	X	5.074	5.074	0 %100
28	M14	Z	8.789	8.789	0 %100
29	M15	X	5.074	5.074	0 %100
30	M15	Z	8.789	8.789	0 %100
31	M16	X	4.108	4.108	0 %100
32	M16	Z	7.115	7.115	0 %100
33	M17	X	4.239	4.239	0 %100
34	M17	Z	7.342	7.342	0 %100
35	M18	X	4.108	4.108	0 %100
36	M18	Z	7.115	7.115	0 %100
37	M19	X	4.961	4.961	0 %100
38	M19	Z	8.592	8.592	0 %100
39	M20	X	5.074	5.074	0 %100
40	M20	Z	8.789	8.789	0 %100
41	M21	X	5.074	5.074	0 %100
42	M21	Z	8.789	8.789	0 %100
43	M22	X	5.074	5.074	0 %100
44	M22	Z	8.789	8.789	0 %100
45	M23	X	5.074	5.074	0 %100
46	M23	Z	8.789	8.789	0 %100
47	M24	X	4.108	4.108	0 %100
48	M24	Z	7.115	7.115	0 %100
49	M25	X	4.239	4.239	0 %100
50	M25	Z	7.342	7.342	0 %100
51	M26	X	4.108	4.108	0 %100
52	M26	Z	7.115	7.115	0 %100
53	M27	X	0	0	0 %100
54	M27	Z	0	0	0 %100
55	M28	X	5.074	5.074	0 %100
56	M28	Z	8.789	8.789	0 %100
57	M29	X	5.074	5.074	0 %100
58	M29	Z	8.789	8.789	0 %100
59	M30	X	5.074	5.074	0 %100
60	M30	Z	8.789	8.789	0 %100
61	M31	X	5.074	5.074	0 %100
62	M31	Z	8.789	8.789	0 %100
63	M32	X	0	0	0 %100
64	M32	Z	0	0	0 %100
65	M33	X	0	0	0 %100
66	M33	Z	0	0	0 %100
67	M34	X	0	0	0 %100
68	M34	Z	0	0	0 %100
69	M35	X	16.763	16.763	0 %100
70	M35	Z	29.034	29.034	0 %100
71	M36	X	16.763	16.763	0 %100
72	M36	Z	29.034	29.034	0 %100
73	M37	X	16.763	16.763	0 %100
74	M37	Z	29.034	29.034	0 %100



Company : GPD  
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 Job Number : Project No. 10084891  
 Model Name : 467684-VZW\_MT\_LO\_H

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
75	M62	X	6.61	6.61	0 %100
76	M62	Z	11.449	11.449	0 %100
77	M63	X	.238	.238	0 %100
78	M63	Z	.412	.412	0 %100
79	M64	X	.951	.951	0 %100
80	M64	Z	1.647	1.647	0 %100
81	M65	X	5.921	5.921	0 %100
82	M65	Z	10.256	10.256	0 %100
83	M66	X	6.61	6.61	0 %100
84	M66	Z	11.449	11.449	0 %100
85	M67	X	.951	.951	0 %100
86	M67	Z	1.647	1.647	0 %100
87	M68	X	.238	.238	0 %100
88	M68	Z	.412	.412	0 %100
89	M69	X	5.921	5.921	0 %100
90	M69	Z	10.256	10.256	0 %100
91	M70	X	0	0	0 %100
92	M70	Z	0	0	0 %100
93	M71	X	.238	.238	0 %100
94	M71	Z	.412	.412	0 %100
95	M72	X	.238	.238	0 %100
96	M72	Z	.412	.412	0 %100
97	M73	X	0	0	0 %100
98	M73	Z	0	0	0 %100
99	M74	X	4.543	4.543	0 %100
100	M74	Z	7.869	7.869	0 %100
101	M75	X	4.543	4.543	0 %100
102	M75	Z	7.869	7.869	0 %100
103	M76	X	0	0	0 %100
104	M76	Z	0	0	0 %100
105	MP0.5A	X	6.73	6.73	0 %100
106	MP0.5A	Z	11.657	11.657	0 %100
107	MP1A	X	4.488	4.488	0 %100
108	MP1A	Z	7.774	7.774	0 %100
109	MP1.8A	X	4.09	4.09	0 %100
110	MP1.8A	Z	7.084	7.084	0 %100
111	MP1.9A	X	4.488	4.488	0 %100
112	MP1.9A	Z	7.774	7.774	0 %100
113	MP2A	X	6.73	6.73	0 %100
114	MP2A	Z	11.657	11.657	0 %100
115	MP4A	X	6.73	6.73	0 %100
116	MP4A	Z	11.657	11.657	0 %100
117	MP4.1A	X	4.488	4.488	0 %100
118	MP4.1A	Z	7.774	7.774	0 %100
119	MP5A	X	4.488	4.488	0 %100
120	MP5A	Z	7.774	7.774	0 %100
121	MP5.5A	X	6.73	6.73	0 %100
122	MP5.5A	Z	11.657	11.657	0 %100
123	M91	X	1.339	1.339	0 %100
124	M91	Z	2.318	2.318	0 %100
125	M92	X	1.339	1.339	0 %100
126	M92	Z	2.318	2.318	0 %100
127	M94	X	1.339	1.339	0 %100
128	M94	Z	2.318	2.318	0 %100
129	M96	X	1.339	1.339	0 %100
130	M96	Z	2.318	2.318	0 %100
131	M97	X	1.339	1.339	0 %100





Company : GPD  
 Designer : ENIETO  
 Job Number : Project No. 10084891  
 Model Name : 467684-VZW\_MT\_LO\_H

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

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
132	M97	Z	2.318	2.318	0 %100
133	M98	X	1.339	1.339	0 %100
134	M98	Z	2.318	2.318	0 %100
135	MP0.5B	X	6.73	6.73	0 %100
136	MP0.5B	Z	11.657	11.657	0 %100
137	MP1B	X	4.488	4.488	0 %100
138	MP1B	Z	7.774	7.774	0 %100
139	MP1.8B	X	4.09	4.09	0 %100
140	MP1.8B	Z	7.084	7.084	0 %100
141	MP1.9B	X	4.488	4.488	0 %100
142	MP1.9B	Z	7.774	7.774	0 %100
143	MP2B	X	6.73	6.73	0 %100
144	MP2B	Z	11.657	11.657	0 %100
145	MP4B	X	6.73	6.73	0 %100
146	MP4B	Z	11.657	11.657	0 %100
147	MP4.1B	X	4.488	4.488	0 %100
148	MP4.1B	Z	7.774	7.774	0 %100
149	MP5B	X	4.488	4.488	0 %100
150	MP5B	Z	7.774	7.774	0 %100
151	MP5.5B	X	6.73	6.73	0 %100
152	MP5.5B	Z	11.657	11.657	0 %100
153	M121	X	1.339	1.339	0 %100
154	M121	Z	2.318	2.318	0 %100
155	M122	X	1.339	1.339	0 %100
156	M122	Z	2.318	2.318	0 %100
157	M124	X	1.339	1.339	0 %100
158	M124	Z	2.318	2.318	0 %100
159	M126	X	1.339	1.339	0 %100
160	M126	Z	2.318	2.318	0 %100
161	M127	X	1.339	1.339	0 %100
162	M127	Z	2.318	2.318	0 %100
163	M128	X	1.339	1.339	0 %100
164	M128	Z	2.318	2.318	0 %100
165	MP0.5C	X	6.73	6.73	0 %100
166	MP0.5C	Z	11.657	11.657	0 %100
167	MP1C	X	4.488	4.488	0 %100
168	MP1C	Z	7.774	7.774	0 %100
169	MP1.8C	X	4.09	4.09	0 %100
170	MP1.8C	Z	7.084	7.084	0 %100
171	MP1.9C	X	4.488	4.488	0 %100
172	MP1.9C	Z	7.774	7.774	0 %100
173	MP2C	X	6.73	6.73	0 %100
174	MP2C	Z	11.657	11.657	0 %100
175	MP4C	X	6.73	6.73	0 %100
176	MP4C	Z	11.657	11.657	0 %100
177	MP4.1C	X	4.488	4.488	0 %100
178	MP4.1C	Z	7.774	7.774	0 %100
179	MP5C	X	4.488	4.488	0 %100
180	MP5C	Z	7.774	7.774	0 %100
181	MP5.5C	X	6.73	6.73	0 %100
182	MP5.5C	Z	11.657	11.657	0 %100
183	M151	X	5.354	5.354	0 %100
184	M151	Z	9.274	9.274	0 %100
185	M152	X	5.354	5.354	0 %100
186	M152	Z	9.274	9.274	0 %100
187	M154	X	5.354	5.354	0 %100
188	M154	Z	9.274	9.274	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
189	M156	X	5.354	5.354	0 %100
190	M156	Z	9.274	9.274	0 %100
191	M157	X	5.354	5.354	0 %100
192	M157	Z	9.274	9.274	0 %100
193	M158	X	5.354	5.354	0 %100
194	M158	Z	9.274	9.274	0 %100
195	MP3C	X	4.488	4.488	0 %100
196	MP3C	Z	7.774	7.774	0 %100
197	M218A	X	1.339	1.339	0 %100
198	M218A	Z	2.318	2.318	0 %100
199	M219A	X	1.339	1.339	0 %100
200	M219A	Z	2.318	2.318	0 %100
201	M220A	X	1.339	1.339	0 %100
202	M220A	Z	2.318	2.318	0 %100
203	M221A	X	1.339	1.339	0 %100
204	M221A	Z	2.318	2.318	0 %100
205	M222A	X	5.354	5.354	0 %100
206	M222A	Z	9.274	9.274	0 %100
207	M223	X	5.354	5.354	0 %100
208	M223	Z	9.274	9.274	0 %100
209	M218B	X	15.78	15.78	0 %100
210	M218B	Z	27.332	27.332	0 %100
211	M219B	X	15.78	15.78	0 %100
212	M219B	Z	27.332	27.332	0 %100
213	M228	X	4.075	4.075	0 %100
214	M228	Z	7.058	7.058	0 %100
215	M233	X	4.075	4.075	0 %100
216	M233	Z	7.058	7.058	0 %100
217	M238	X	0	0	0 %100
218	M238	Z	0	0	0 %100
219	M251	X	0	0	0 %100
220	M251	Z	0	0	0 %100
221	M253	X	5.064	5.064	0 %100
222	M253	Z	8.771	8.771	0 %100
223	M255	X	5.063	5.063	0 %100
224	M255	Z	8.77	8.77	0 %100
225	M261	X	4.075	4.075	0 %100
226	M261	Z	7.058	7.058	0 %100
227	M266	X	4.075	4.075	0 %100
228	M266	Z	7.058	7.058	0 %100
229	M271	X	0	0	0 %100
230	M271	Z	0	0	0 %100
231	M284	X	0	0	0 %100
232	M284	Z	0	0	0 %100
233	M286	X	5.064	5.064	0 %100
234	M286	Z	8.771	8.771	0 %100
235	M288	X	5.063	5.063	0 %100
236	M288	Z	8.77	8.77	0 %100
237	M290	X	7.868	7.868	0 %100
238	M290	Z	13.628	13.628	0 %100
239	M291	X	2.14	2.14	0 %100
240	M291	Z	3.706	3.706	0 %100
241	M274	X	7.87	7.87	0 %100
242	M274	Z	13.631	13.631	0 %100
243	M275A	X	4.488	4.488	0 %100
244	M275A	Z	7.773	7.773	0 %100



Company : GPD  
 Designer : ENIETO  
 Job Number : Project No. 10084891  
 Model Name : 467684-VZW\_MT\_LO\_H

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	5.905	5.905	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	23.622	23.622	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	5.905	5.905	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	22.674	22.674	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	20.014	20.014	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	17.512	17.512	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	12.818	12.818	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	14.566	14.566	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	15.919	15.919	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	12.77	12.77	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	13.228	13.228	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	10.149	10.149	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	10.149	10.149	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	10.149	10.149	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	10.149	10.149	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	10.953	10.953	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	11.303	11.303	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	10.953	10.953	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	3.307	3.307	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	10.149	10.149	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	10.149	10.149	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	10.149	10.149	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	10.149	10.149	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	2.738	2.738	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	2.826	2.826	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	2.738	2.738	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	3.307	3.307	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	10.149	10.149	0	%100
57	M29	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	M29	Z	10.149	10.149	0 %100
59	M30	X	0	0	0 %100
60	M30	Z	10.149	10.149	0 %100
61	M31	X	0	0	0 %100
62	M31	Z	10.149	10.149	0 %100
63	M32	X	0	0	0 %100
64	M32	Z	2.738	2.738	0 %100
65	M33	X	0	0	0 %100
66	M33	Z	2.823	2.823	0 %100
67	M34	X	0	0	0 %100
68	M34	Z	2.741	2.741	0 %100
69	M35	X	0	0	0 %100
70	M35	Z	33.525	33.525	0 %100
71	M36	X	0	0	0 %100
72	M36	Z	33.525	33.525	0 %100
73	M37	X	0	0	0 %100
74	M37	Z	33.525	33.525	0 %100
75	M62	X	0	0	0 %100
76	M62	Z	17.627	17.627	0 %100
77	M63	X	0	0	0 %100
78	M63	Z	1.426	1.426	0 %100
79	M64	X	0	0	0 %100
80	M64	Z	1.426	1.426	0 %100
81	M65	X	0	0	0 %100
82	M65	Z	15.79	15.79	0 %100
83	M66	X	0	0	0 %100
84	M66	Z	4.407	4.407	0 %100
85	M67	X	0	0	0 %100
86	M67	Z	1.426	1.426	0 %100
87	M68	X	0	0	0 %100
88	M68	Z	0	0	0 %100
89	M69	X	0	0	0 %100
90	M69	Z	3.948	3.948	0 %100
91	M70	X	0	0	0 %100
92	M70	Z	4.407	4.407	0 %100
93	M71	X	0	0	0 %100
94	M71	Z	0	0	0 %100
95	M72	X	0	0	0 %100
96	M72	Z	1.426	1.426	0 %100
97	M73	X	0	0	0 %100
98	M73	Z	3.948	3.948	0 %100
99	M74	X	0	0	0 %100
100	M74	Z	12.116	12.116	0 %100
101	M75	X	0	0	0 %100
102	M75	Z	3.029	3.029	0 %100
103	M76	X	0	0	0 %100
104	M76	Z	3.029	3.029	0 %100
105	MP0.5A	X	0	0	0 %100
106	MP0.5A	Z	13.461	13.461	0 %100
107	MP1A	X	0	0	0 %100
108	MP1A	Z	8.976	8.976	0 %100
109	MP1.8A	X	0	0	0 %100
110	MP1.8A	Z	8.18	8.18	0 %100
111	MP1.9A	X	0	0	0 %100
112	MP1.9A	Z	8.976	8.976	0 %100
113	MP2A	X	0	0	0 %100
114	MP2A	Z	13.461	13.461	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
115	MP4A	X	0	0	%100
116	MP4A	Z	13.461	13.461	%100
117	MP4.1A	X	0	0	%100
118	MP4.1A	Z	8.976	8.976	%100
119	MP5A	X	0	0	%100
120	MP5A	Z	8.976	8.976	%100
121	MP5.5A	X	0	0	%100
122	MP5.5A	Z	13.461	13.461	%100
123	M91	X	0	0	%100
124	M91	Z	0	0	%100
125	M92	X	0	0	%100
126	M92	Z	0	0	%100
127	M94	X	0	0	%100
128	M94	Z	0	0	%100
129	M96	X	0	0	%100
130	M96	Z	0	0	%100
131	M97	X	0	0	%100
132	M97	Z	0	0	%100
133	M98	X	0	0	%100
134	M98	Z	0	0	%100
135	MP0.5B	X	0	0	%100
136	MP0.5B	Z	13.461	13.461	%100
137	MP1B	X	0	0	%100
138	MP1B	Z	8.976	8.976	%100
139	MP1.8B	X	0	0	%100
140	MP1.8B	Z	8.18	8.18	%100
141	MP1.9B	X	0	0	%100
142	MP1.9B	Z	8.976	8.976	%100
143	MP2B	X	0	0	%100
144	MP2B	Z	13.461	13.461	%100
145	MP4B	X	0	0	%100
146	MP4B	Z	13.461	13.461	%100
147	MP4.1B	X	0	0	%100
148	MP4.1B	Z	8.976	8.976	%100
149	MP5B	X	0	0	%100
150	MP5B	Z	8.976	8.976	%100
151	MP5.5B	X	0	0	%100
152	MP5.5B	Z	13.461	13.461	%100
153	M121	X	0	0	%100
154	M121	Z	8.031	8.031	%100
155	M122	X	0	0	%100
156	M122	Z	8.031	8.031	%100
157	M124	X	0	0	%100
158	M124	Z	8.031	8.031	%100
159	M126	X	0	0	%100
160	M126	Z	8.031	8.031	%100
161	M127	X	0	0	%100
162	M127	Z	8.031	8.031	%100
163	M128	X	0	0	%100
164	M128	Z	8.031	8.031	%100
165	MP0.5C	X	0	0	%100
166	MP0.5C	Z	13.461	13.461	%100
167	MP1C	X	0	0	%100
168	MP1C	Z	8.976	8.976	%100
169	MP1.8C	X	0	0	%100
170	MP1.8C	Z	8.18	8.18	%100
171	MP1.9C	X	0	0	%100





Company : GPD  
 Designer : ENIETO  
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**Member Distributed Loads (BLC 47 : Structure Wo (180 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
229	M271	X	0	0	0	%100
230	M271	Z	2.717	2.717	0	%100
231	M284	X	0	0	0	%100
232	M284	Z	3.376	3.376	0	%100
233	M286	X	0	0	0	%100
234	M286	Z	13.503	13.503	0	%100
235	M288	X	0	0	0	%100
236	M288	Z	3.375	3.375	0	%100
237	M290	X	0	0	0	%100
238	M290	Z	12.511	12.511	0	%100
239	M291	X	0	0	0	%100
240	M291	Z	10.947	10.947	0	%100
241	M274	X	0	0	0	%100
242	M274	Z	13.542	13.542	0	%100
243	M275A	X	0	0	0	%100
244	M275A	Z	12.913	12.913	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-8.858	-8.858	0	%100
2	M1	Z	15.343	15.343	0	%100
3	M2	X	-8.858	-8.858	0	%100
4	M2	Z	15.343	15.343	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-8.503	-8.503	0	%100
8	M4	Z	14.727	14.727	0	%100
9	M5	X	-7.505	-7.505	0	%100
10	M5	Z	13	13	0	%100
11	M6	X	-6.567	-6.567	0	%100
12	M6	Z	11.375	11.375	0	%100
13	M7	X	-6.866	-6.866	0	%100
14	M7	Z	11.892	11.892	0	%100
15	M8	X	-3.04	-3.04	0	%100
16	M8	Z	5.266	5.266	0	%100
17	M9	X	-9.239	-9.239	0	%100
18	M9	Z	16.002	16.002	0	%100
19	M10	X	-11.335	-11.335	0	%100
20	M10	Z	19.632	19.632	0	%100
21	M11	X	-4.961	-4.961	0	%100
22	M11	Z	8.592	8.592	0	%100
23	M12	X	-5.074	-5.074	0	%100
24	M12	Z	8.789	8.789	0	%100
25	M13	X	-5.074	-5.074	0	%100
26	M13	Z	8.789	8.789	0	%100
27	M14	X	-5.074	-5.074	0	%100
28	M14	Z	8.789	8.789	0	%100
29	M15	X	-5.074	-5.074	0	%100
30	M15	Z	8.789	8.789	0	%100
31	M16	X	-4.108	-4.108	0	%100
32	M16	Z	7.115	7.115	0	%100
33	M17	X	-4.239	-4.239	0	%100
34	M17	Z	7.342	7.342	0	%100
35	M18	X	-4.108	-4.108	0	%100
36	M18	Z	7.115	7.115	0	%100
37	M19	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
38	M19	Z	0	0	%100
39	M20	X	-5.074	-5.074	%100
40	M20	Z	8.789	8.789	%100
41	M21	X	-5.074	-5.074	%100
42	M21	Z	8.789	8.789	%100
43	M22	X	-5.074	-5.074	%100
44	M22	Z	8.789	8.789	%100
45	M23	X	-5.074	-5.074	%100
46	M23	Z	8.789	8.789	%100
47	M24	X	0	0	%100
48	M24	Z	0	0	%100
49	M25	X	0	0	%100
50	M25	Z	0	0	%100
51	M26	X	0	0	%100
52	M26	Z	0	0	%100
53	M27	X	-4.961	-4.961	%100
54	M27	Z	8.592	8.592	%100
55	M28	X	-5.074	-5.074	%100
56	M28	Z	8.789	8.789	%100
57	M29	X	-5.074	-5.074	%100
58	M29	Z	8.789	8.789	%100
59	M30	X	-5.074	-5.074	%100
60	M30	Z	8.789	8.789	%100
61	M31	X	-5.074	-5.074	%100
62	M31	Z	8.789	8.789	%100
63	M32	X	-4.108	-4.108	%100
64	M32	Z	7.115	7.115	%100
65	M33	X	-4.235	-4.235	%100
66	M33	Z	7.335	7.335	%100
67	M34	X	-4.112	-4.112	%100
68	M34	Z	7.122	7.122	%100
69	M35	X	-16.763	-16.763	%100
70	M35	Z	29.034	29.034	%100
71	M36	X	-16.763	-16.763	%100
72	M36	Z	29.034	29.034	%100
73	M37	X	-16.763	-16.763	%100
74	M37	Z	29.034	29.034	%100
75	M62	X	-6.61	-6.61	%100
76	M62	Z	11.449	11.449	%100
77	M63	X	-.951	-.951	%100
78	M63	Z	1.647	1.647	%100
79	M64	X	-.238	-.238	%100
80	M64	Z	.412	.412	%100
81	M65	X	-5.921	-5.921	%100
82	M65	Z	10.256	10.256	%100
83	M66	X	0	0	%100
84	M66	Z	0	0	%100
85	M67	X	-.238	-.238	%100
86	M67	Z	.412	.412	%100
87	M68	X	-.238	-.238	%100
88	M68	Z	.412	.412	%100
89	M69	X	0	0	%100
90	M69	Z	0	0	%100
91	M70	X	-6.61	-6.61	%100
92	M70	Z	11.449	11.449	%100
93	M71	X	-.238	-.238	%100
94	M71	Z	.412	.412	%100





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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
95	M72	X	-0.951	-0.951	0 %100
96	M72	Z	1.647	1.647	0 %100
97	M73	X	-5.921	-5.921	0 %100
98	M73	Z	10.256	10.256	0 %100
99	M74	X	-4.543	-4.543	0 %100
100	M74	Z	7.869	7.869	0 %100
101	M75	X	0	0	0 %100
102	M75	Z	0	0	0 %100
103	M76	X	-4.543	-4.543	0 %100
104	M76	Z	7.869	7.869	0 %100
105	MP0.5A	X	-6.73	-6.73	0 %100
106	MP0.5A	Z	11.657	11.657	0 %100
107	MP1A	X	-4.488	-4.488	0 %100
108	MP1A	Z	7.774	7.774	0 %100
109	MP1.8A	X	-4.09	-4.09	0 %100
110	MP1.8A	Z	7.084	7.084	0 %100
111	MP1.9A	X	-4.488	-4.488	0 %100
112	MP1.9A	Z	7.774	7.774	0 %100
113	MP2A	X	-6.73	-6.73	0 %100
114	MP2A	Z	11.657	11.657	0 %100
115	MP4A	X	-6.73	-6.73	0 %100
116	MP4A	Z	11.657	11.657	0 %100
117	MP4.1A	X	-4.488	-4.488	0 %100
118	MP4.1A	Z	7.774	7.774	0 %100
119	MP5A	X	-4.488	-4.488	0 %100
120	MP5A	Z	7.774	7.774	0 %100
121	MP5.5A	X	-6.73	-6.73	0 %100
122	MP5.5A	Z	11.657	11.657	0 %100
123	M91	X	-1.339	-1.339	0 %100
124	M91	Z	2.318	2.318	0 %100
125	M92	X	-1.339	-1.339	0 %100
126	M92	Z	2.318	2.318	0 %100
127	M94	X	-1.339	-1.339	0 %100
128	M94	Z	2.318	2.318	0 %100
129	M96	X	-1.339	-1.339	0 %100
130	M96	Z	2.318	2.318	0 %100
131	M97	X	-1.339	-1.339	0 %100
132	M97	Z	2.318	2.318	0 %100
133	M98	X	-1.339	-1.339	0 %100
134	M98	Z	2.318	2.318	0 %100
135	MP0.5B	X	-6.73	-6.73	0 %100
136	MP0.5B	Z	11.657	11.657	0 %100
137	MP1B	X	-4.488	-4.488	0 %100
138	MP1B	Z	7.774	7.774	0 %100
139	MP1.8B	X	-4.09	-4.09	0 %100
140	MP1.8B	Z	7.084	7.084	0 %100
141	MP1.9B	X	-4.488	-4.488	0 %100
142	MP1.9B	Z	7.774	7.774	0 %100
143	MP2B	X	-6.73	-6.73	0 %100
144	MP2B	Z	11.657	11.657	0 %100
145	MP4B	X	-6.73	-6.73	0 %100
146	MP4B	Z	11.657	11.657	0 %100
147	MP4.1B	X	-4.488	-4.488	0 %100
148	MP4.1B	Z	7.774	7.774	0 %100
149	MP5B	X	-4.488	-4.488	0 %100
150	MP5B	Z	7.774	7.774	0 %100
151	MP5.5B	X	-6.73	-6.73	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
152	MP5.5B	Z	11.657	11.657	0 %100
153	M121	X	-5.354	-5.354	0 %100
154	M121	Z	9.274	9.274	0 %100
155	M122	X	-5.354	-5.354	0 %100
156	M122	Z	9.274	9.274	0 %100
157	M124	X	-5.354	-5.354	0 %100
158	M124	Z	9.274	9.274	0 %100
159	M126	X	-5.354	-5.354	0 %100
160	M126	Z	9.274	9.274	0 %100
161	M127	X	-5.354	-5.354	0 %100
162	M127	Z	9.274	9.274	0 %100
163	M128	X	-5.354	-5.354	0 %100
164	M128	Z	9.274	9.274	0 %100
165	MP0.5C	X	-6.73	-6.73	0 %100
166	MP0.5C	Z	11.657	11.657	0 %100
167	MP1C	X	-4.488	-4.488	0 %100
168	MP1C	Z	7.774	7.774	0 %100
169	MP1.8C	X	-4.09	-4.09	0 %100
170	MP1.8C	Z	7.084	7.084	0 %100
171	MP1.9C	X	-4.488	-4.488	0 %100
172	MP1.9C	Z	7.774	7.774	0 %100
173	MP2C	X	-6.73	-6.73	0 %100
174	MP2C	Z	11.657	11.657	0 %100
175	MP4C	X	-6.73	-6.73	0 %100
176	MP4C	Z	11.657	11.657	0 %100
177	MP4.1C	X	-4.488	-4.488	0 %100
178	MP4.1C	Z	7.774	7.774	0 %100
179	MP5C	X	-4.488	-4.488	0 %100
180	MP5C	Z	7.774	7.774	0 %100
181	MP5.5C	X	-6.73	-6.73	0 %100
182	MP5.5C	Z	11.657	11.657	0 %100
183	M151	X	-1.339	-1.339	0 %100
184	M151	Z	2.318	2.318	0 %100
185	M152	X	-1.339	-1.339	0 %100
186	M152	Z	2.318	2.318	0 %100
187	M154	X	-1.339	-1.339	0 %100
188	M154	Z	2.318	2.318	0 %100
189	M156	X	-1.339	-1.339	0 %100
190	M156	Z	2.318	2.318	0 %100
191	M157	X	-1.339	-1.339	0 %100
192	M157	Z	2.318	2.318	0 %100
193	M158	X	-1.339	-1.339	0 %100
194	M158	Z	2.318	2.318	0 %100
195	MP3C	X	-4.488	-4.488	0 %100
196	MP3C	Z	7.774	7.774	0 %100
197	M218A	X	-1.339	-1.339	0 %100
198	M218A	Z	2.318	2.318	0 %100
199	M219A	X	-1.339	-1.339	0 %100
200	M219A	Z	2.318	2.318	0 %100
201	M220A	X	-5.354	-5.354	0 %100
202	M220A	Z	9.274	9.274	0 %100
203	M221A	X	-5.354	-5.354	0 %100
204	M221A	Z	9.274	9.274	0 %100
205	M222A	X	-1.339	-1.339	0 %100
206	M222A	Z	2.318	2.318	0 %100
207	M223	X	-1.339	-1.339	0 %100
208	M223	Z	2.318	2.318	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
209	M218B	X	-19.317	-19.317	0	%100
210	M218B	Z	33.457	33.457	0	%100
211	M219B	X	-19.317	-19.317	0	%100
212	M219B	Z	33.457	33.457	0	%100
213	M228	X	-4.075	-4.075	0	%100
214	M228	Z	7.058	7.058	0	%100
215	M233	X	0	0	0	%100
216	M233	Z	0	0	0	%100
217	M238	X	-4.075	-4.075	0	%100
218	M238	Z	7.058	7.058	0	%100
219	M251	X	-5.064	-5.064	0	%100
220	M251	Z	8.771	8.771	0	%100
221	M253	X	-5.063	-5.063	0	%100
222	M253	Z	8.77	8.77	0	%100
223	M255	X	0	0	0	%100
224	M255	Z	0	0	0	%100
225	M261	X	-4.075	-4.075	0	%100
226	M261	Z	7.058	7.058	0	%100
227	M266	X	0	0	0	%100
228	M266	Z	0	0	0	%100
229	M271	X	-4.075	-4.075	0	%100
230	M271	Z	7.058	7.058	0	%100
231	M284	X	-5.064	-5.064	0	%100
232	M284	Z	8.771	8.771	0	%100
233	M286	X	-5.063	-5.063	0	%100
234	M286	Z	8.77	8.77	0	%100
235	M288	X	0	0	0	%100
236	M288	Z	0	0	0	%100
237	M290	X	-2.675	-2.675	0	%100
238	M290	Z	4.633	4.633	0	%100
239	M291	X	-7.79	-7.79	0	%100
240	M291	Z	13.493	13.493	0	%100
241	M274	X	-4.331	-4.331	0	%100
242	M274	Z	7.502	7.502	0	%100
243	M275A	X	-7.825	-7.825	0	%100
244	M275A	Z	13.553	13.553	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-20.457	-20.457	0	%100
2	M1	Z	11.811	11.811	0	%100
3	M2	X	-5.114	-5.114	0	%100
4	M2	Z	2.953	2.953	0	%100
5	M3	X	-5.114	-5.114	0	%100
6	M3	Z	2.953	2.953	0	%100
7	M4	X	-4.909	-4.909	0	%100
8	M4	Z	2.834	2.834	0	%100
9	M5	X	-4.333	-4.333	0	%100
10	M5	Z	2.502	2.502	0	%100
11	M6	X	-3.792	-3.792	0	%100
12	M6	Z	2.189	2.189	0	%100
13	M7	X	-15.72	-15.72	0	%100
14	M7	Z	9.076	9.076	0	%100
15	M8	X	-5.716	-5.716	0	%100
16	M8	Z	3.3	3.3	0	%100
17	M9	X	-18.02	-18.02	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
18	M9	Z	10.404	10.404	0 %100
19	M10	X	-21.305	-21.305	0 %100
20	M10	Z	12.3	12.3	0 %100
21	M11	X	-2.864	-2.864	0 %100
22	M11	Z	1.654	1.654	0 %100
23	M12	X	-8.789	-8.789	0 %100
24	M12	Z	5.074	5.074	0 %100
25	M13	X	-8.789	-8.789	0 %100
26	M13	Z	5.074	5.074	0 %100
27	M14	X	-8.789	-8.789	0 %100
28	M14	Z	5.074	5.074	0 %100
29	M15	X	-8.789	-8.789	0 %100
30	M15	Z	5.074	5.074	0 %100
31	M16	X	-2.372	-2.372	0 %100
32	M16	Z	1.369	1.369	0 %100
33	M17	X	-2.447	-2.447	0 %100
34	M17	Z	1.413	1.413	0 %100
35	M18	X	-2.372	-2.372	0 %100
36	M18	Z	1.369	1.369	0 %100
37	M19	X	-2.864	-2.864	0 %100
38	M19	Z	1.654	1.654	0 %100
39	M20	X	-8.789	-8.789	0 %100
40	M20	Z	5.074	5.074	0 %100
41	M21	X	-8.789	-8.789	0 %100
42	M21	Z	5.074	5.074	0 %100
43	M22	X	-8.789	-8.789	0 %100
44	M22	Z	5.074	5.074	0 %100
45	M23	X	-8.789	-8.789	0 %100
46	M23	Z	5.074	5.074	0 %100
47	M24	X	-2.372	-2.372	0 %100
48	M24	Z	1.369	1.369	0 %100
49	M25	X	-2.447	-2.447	0 %100
50	M25	Z	1.413	1.413	0 %100
51	M26	X	-2.372	-2.372	0 %100
52	M26	Z	1.369	1.369	0 %100
53	M27	X	-11.456	-11.456	0 %100
54	M27	Z	6.614	6.614	0 %100
55	M28	X	-8.789	-8.789	0 %100
56	M28	Z	5.074	5.074	0 %100
57	M29	X	-8.789	-8.789	0 %100
58	M29	Z	5.074	5.074	0 %100
59	M30	X	-8.789	-8.789	0 %100
60	M30	Z	5.074	5.074	0 %100
61	M31	X	-8.789	-8.789	0 %100
62	M31	Z	5.074	5.074	0 %100
63	M32	X	-9.486	-9.486	0 %100
64	M32	Z	5.477	5.477	0 %100
65	M33	X	-9.78	-9.78	0 %100
66	M33	Z	5.646	5.646	0 %100
67	M34	X	-9.495	-9.495	0 %100
68	M34	Z	5.482	5.482	0 %100
69	M35	X	-29.034	-29.034	0 %100
70	M35	Z	16.763	16.763	0 %100
71	M36	X	-29.034	-29.034	0 %100
72	M36	Z	16.763	16.763	0 %100
73	M37	X	-29.034	-29.034	0 %100
74	M37	Z	16.763	16.763	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
75	M62	X	-3.816	-3.816	0 %100
76	M62	Z	2.203	2.203	0 %100
77	M63	X	-1.235	-1.235	0 %100
78	M63	Z	.713	.713	0 %100
79	M64	X	0	0	0 %100
80	M64	Z	0	0	0 %100
81	M65	X	-3.419	-3.419	0 %100
82	M65	Z	1.974	1.974	0 %100
83	M66	X	-3.816	-3.816	0 %100
84	M66	Z	2.203	2.203	0 %100
85	M67	X	0	0	0 %100
86	M67	Z	0	0	0 %100
87	M68	X	-1.235	-1.235	0 %100
88	M68	Z	.713	.713	0 %100
89	M69	X	-3.419	-3.419	0 %100
90	M69	Z	1.974	1.974	0 %100
91	M70	X	-15.266	-15.266	0 %100
92	M70	Z	8.814	8.814	0 %100
93	M71	X	-1.235	-1.235	0 %100
94	M71	Z	.713	.713	0 %100
95	M72	X	-1.235	-1.235	0 %100
96	M72	Z	.713	.713	0 %100
97	M73	X	-13.675	-13.675	0 %100
98	M73	Z	7.895	7.895	0 %100
99	M74	X	-2.623	-2.623	0 %100
100	M74	Z	1.514	1.514	0 %100
101	M75	X	-2.623	-2.623	0 %100
102	M75	Z	1.514	1.514	0 %100
103	M76	X	-10.492	-10.492	0 %100
104	M76	Z	6.058	6.058	0 %100
105	MP0.5A	X	-11.657	-11.657	0 %100
106	MP0.5A	Z	6.73	6.73	0 %100
107	MP1A	X	-7.774	-7.774	0 %100
108	MP1A	Z	4.488	4.488	0 %100
109	MP1.8A	X	-7.084	-7.084	0 %100
110	MP1.8A	Z	4.09	4.09	0 %100
111	MP1.9A	X	-7.774	-7.774	0 %100
112	MP1.9A	Z	4.488	4.488	0 %100
113	MP2A	X	-11.657	-11.657	0 %100
114	MP2A	Z	6.73	6.73	0 %100
115	MP4A	X	-11.657	-11.657	0 %100
116	MP4A	Z	6.73	6.73	0 %100
117	MP4.1A	X	-7.774	-7.774	0 %100
118	MP4.1A	Z	4.488	4.488	0 %100
119	MP5A	X	-7.774	-7.774	0 %100
120	MP5A	Z	4.488	4.488	0 %100
121	MP5.5A	X	-11.657	-11.657	0 %100
122	MP5.5A	Z	6.73	6.73	0 %100
123	M91	X	-6.955	-6.955	0 %100
124	M91	Z	4.016	4.016	0 %100
125	M92	X	-6.955	-6.955	0 %100
126	M92	Z	4.016	4.016	0 %100
127	M94	X	-6.955	-6.955	0 %100
128	M94	Z	4.016	4.016	0 %100
129	M96	X	-6.955	-6.955	0 %100
130	M96	Z	4.016	4.016	0 %100
131	M97	X	-6.955	-6.955	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
132	M97	Z	4.016	4.016	0 %100
133	M98	X	-6.955	-6.955	0 %100
134	M98	Z	4.016	4.016	0 %100
135	MP0.5B	X	-11.657	-11.657	0 %100
136	MP0.5B	Z	6.73	6.73	0 %100
137	MP1B	X	-7.774	-7.774	0 %100
138	MP1B	Z	4.488	4.488	0 %100
139	MP1.8B	X	-7.084	-7.084	0 %100
140	MP1.8B	Z	4.09	4.09	0 %100
141	MP1.9B	X	-7.774	-7.774	0 %100
142	MP1.9B	Z	4.488	4.488	0 %100
143	MP2B	X	-11.657	-11.657	0 %100
144	MP2B	Z	6.73	6.73	0 %100
145	MP4B	X	-11.657	-11.657	0 %100
146	MP4B	Z	6.73	6.73	0 %100
147	MP4.1B	X	-7.774	-7.774	0 %100
148	MP4.1B	Z	4.488	4.488	0 %100
149	MP5B	X	-7.774	-7.774	0 %100
150	MP5B	Z	4.488	4.488	0 %100
151	MP5.5B	X	-11.657	-11.657	0 %100
152	MP5.5B	Z	6.73	6.73	0 %100
153	M121	X	-6.955	-6.955	0 %100
154	M121	Z	4.016	4.016	0 %100
155	M122	X	-6.955	-6.955	0 %100
156	M122	Z	4.016	4.016	0 %100
157	M124	X	-6.955	-6.955	0 %100
158	M124	Z	4.016	4.016	0 %100
159	M126	X	-6.955	-6.955	0 %100
160	M126	Z	4.016	4.016	0 %100
161	M127	X	-6.955	-6.955	0 %100
162	M127	Z	4.016	4.016	0 %100
163	M128	X	-6.955	-6.955	0 %100
164	M128	Z	4.016	4.016	0 %100
165	MP0.5C	X	-11.657	-11.657	0 %100
166	MP0.5C	Z	6.73	6.73	0 %100
167	MP1C	X	-7.774	-7.774	0 %100
168	MP1C	Z	4.488	4.488	0 %100
169	MP1.8C	X	-7.084	-7.084	0 %100
170	MP1.8C	Z	4.09	4.09	0 %100
171	MP1.9C	X	-7.774	-7.774	0 %100
172	MP1.9C	Z	4.488	4.488	0 %100
173	MP2C	X	-11.657	-11.657	0 %100
174	MP2C	Z	6.73	6.73	0 %100
175	MP4C	X	-11.657	-11.657	0 %100
176	MP4C	Z	6.73	6.73	0 %100
177	MP4.1C	X	-7.774	-7.774	0 %100
178	MP4.1C	Z	4.488	4.488	0 %100
179	MP5C	X	-7.774	-7.774	0 %100
180	MP5C	Z	4.488	4.488	0 %100
181	MP5.5C	X	-11.657	-11.657	0 %100
182	MP5.5C	Z	6.73	6.73	0 %100
183	M151	X	0	0	0 %100
184	M151	Z	0	0	0 %100
185	M152	X	0	0	0 %100
186	M152	Z	0	0	0 %100
187	M154	X	0	0	0 %100
188	M154	Z	0	0	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
189	M156	X	0	0	%100
190	M156	Z	0	0	%100
191	M157	X	0	0	%100
192	M157	Z	0	0	%100
193	M158	X	0	0	%100
194	M158	Z	0	0	%100
195	MP3C	X	-7.774	-7.774	0
196	MP3C	Z	4.488	4.488	0
197	M218A	X	-6.955	-6.955	0
198	M218A	Z	4.016	4.016	0
199	M219A	X	-6.955	-6.955	0
200	M219A	Z	4.016	4.016	0
201	M220A	X	-6.955	-6.955	0
202	M220A	Z	4.016	4.016	0
203	M221A	X	-6.955	-6.955	0
204	M221A	Z	4.016	4.016	0
205	M222A	X	0	0	0
206	M222A	Z	0	0	0
207	M223	X	0	0	0
208	M223	Z	0	0	0
209	M218B	X	-13.4	-13.4	0
210	M218B	Z	7.737	7.737	0
211	M219B	X	-13.4	-13.4	0
212	M219B	Z	7.737	7.737	0
213	M228	X	-2.353	-2.353	0
214	M228	Z	1.358	1.358	0
215	M233	X	-2.353	-2.353	0
216	M233	Z	1.358	1.358	0
217	M238	X	-9.41	-9.41	0
218	M238	Z	5.433	5.433	0
219	M251	X	-11.694	-11.694	0
220	M251	Z	6.752	6.752	0
221	M253	X	-2.923	-2.923	0
222	M253	Z	1.688	1.688	0
223	M255	X	-2.924	-2.924	0
224	M255	Z	1.688	1.688	0
225	M261	X	-2.353	-2.353	0
226	M261	Z	1.358	1.358	0
227	M266	X	-2.353	-2.353	0
228	M266	Z	1.358	1.358	0
229	M271	X	-9.41	-9.41	0
230	M271	Z	5.433	5.433	0
231	M284	X	-11.694	-11.694	0
232	M284	Z	6.752	6.752	0
233	M286	X	-2.923	-2.923	0
234	M286	Z	1.688	1.688	0
235	M288	X	-2.924	-2.924	0
236	M288	Z	1.688	1.688	0
237	M290	X	-1.224	-1.224	0
238	M290	Z	.707	.707	0
239	M291	X	-11.733	-11.733	0
240	M291	Z	6.774	6.774	0
241	M274	X	-5.179	-5.179	0
242	M274	Z	2.99	2.99	0
243	M275A	X	-12.513	-12.513	0
244	M275A	Z	7.224	7.224	0



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-17.716	-17.716	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-17.716	-17.716	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-21.658	-21.658	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-15.605	-15.605	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-20.581	-20.581	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	-16.633	-16.633	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	-10.149	-10.149	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	-10.149	-10.149	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	-10.149	-10.149	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	-10.149	-10.149	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	-9.921	-9.921	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	-10.149	-10.149	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	-10.149	-10.149	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	-10.149	-10.149	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	-10.149	-10.149	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	-8.215	-8.215	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	-8.478	-8.478	0	%100
50	M25	Z	0	0	0	%100
51	M26	X	-8.215	-8.215	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	-9.921	-9.921	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	-10.149	-10.149	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	-10.149	-10.149	0	%100





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

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
58	M29	Z	0	0	%100
59	M30	X	-10.149	-10.149	%100
60	M30	Z	0	0	%100
61	M31	X	-10.149	-10.149	%100
62	M31	Z	0	0	%100
63	M32	X	-8.215	-8.215	%100
64	M32	Z	0	0	%100
65	M33	X	-8.469	-8.469	%100
66	M33	Z	0	0	%100
67	M34	X	-8.223	-8.223	%100
68	M34	Z	0	0	%100
69	M35	X	-33.525	-33.525	%100
70	M35	Z	0	0	%100
71	M36	X	-33.525	-33.525	%100
72	M36	Z	0	0	%100
73	M37	X	-33.525	-33.525	%100
74	M37	Z	0	0	%100
75	M62	X	0	0	%100
76	M62	Z	0	0	%100
77	M63	X	-.475	-.475	%100
78	M63	Z	0	0	%100
79	M64	X	-.475	-.475	%100
80	M64	Z	0	0	%100
81	M65	X	0	0	%100
82	M65	Z	0	0	%100
83	M66	X	-13.22	-13.22	%100
84	M66	Z	0	0	%100
85	M67	X	-.475	-.475	%100
86	M67	Z	0	0	%100
87	M68	X	-1.901	-1.901	%100
88	M68	Z	0	0	%100
89	M69	X	-11.843	-11.843	%100
90	M69	Z	0	0	%100
91	M70	X	-13.22	-13.22	%100
92	M70	Z	0	0	%100
93	M71	X	-1.901	-1.901	%100
94	M71	Z	0	0	%100
95	M72	X	-.475	-.475	%100
96	M72	Z	0	0	%100
97	M73	X	-11.843	-11.843	%100
98	M73	Z	0	0	%100
99	M74	X	0	0	%100
100	M74	Z	0	0	%100
101	M75	X	-9.087	-9.087	%100
102	M75	Z	0	0	%100
103	M76	X	-9.087	-9.087	%100
104	M76	Z	0	0	%100
105	MP0.5A	X	-13.461	-13.461	%100
106	MP0.5A	Z	0	0	%100
107	MP1A	X	-8.976	-8.976	%100
108	MP1A	Z	0	0	%100
109	MP1.8A	X	-8.18	-8.18	%100
110	MP1.8A	Z	0	0	%100
111	MP1.9A	X	-8.976	-8.976	%100
112	MP1.9A	Z	0	0	%100
113	MP2A	X	-13.461	-13.461	%100
114	MP2A	Z	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
115	MP4A	X	-13.461	-13.461	0 %100
116	MP4A	Z	0	0	0 %100
117	MP4.1A	X	-8.976	-8.976	0 %100
118	MP4.1A	Z	0	0	0 %100
119	MP5A	X	-8.976	-8.976	0 %100
120	MP5A	Z	0	0	0 %100
121	MP5.5A	X	-13.461	-13.461	0 %100
122	MP5.5A	Z	0	0	0 %100
123	M91	X	-10.709	-10.709	0 %100
124	M91	Z	0	0	0 %100
125	M92	X	-10.709	-10.709	0 %100
126	M92	Z	0	0	0 %100
127	M94	X	-10.709	-10.709	0 %100
128	M94	Z	0	0	0 %100
129	M96	X	-10.709	-10.709	0 %100
130	M96	Z	0	0	0 %100
131	M97	X	-10.709	-10.709	0 %100
132	M97	Z	0	0	0 %100
133	M98	X	-10.709	-10.709	0 %100
134	M98	Z	0	0	0 %100
135	MP0.5B	X	-13.461	-13.461	0 %100
136	MP0.5B	Z	0	0	0 %100
137	MP1B	X	-8.976	-8.976	0 %100
138	MP1B	Z	0	0	0 %100
139	MP1.8B	X	-8.18	-8.18	0 %100
140	MP1.8B	Z	0	0	0 %100
141	MP1.9B	X	-8.976	-8.976	0 %100
142	MP1.9B	Z	0	0	0 %100
143	MP2B	X	-13.461	-13.461	0 %100
144	MP2B	Z	0	0	0 %100
145	MP4B	X	-13.461	-13.461	0 %100
146	MP4B	Z	0	0	0 %100
147	MP4.1B	X	-8.976	-8.976	0 %100
148	MP4.1B	Z	0	0	0 %100
149	MP5B	X	-8.976	-8.976	0 %100
150	MP5B	Z	0	0	0 %100
151	MP5.5B	X	-13.461	-13.461	0 %100
152	MP5.5B	Z	0	0	0 %100
153	M121	X	-2.677	-2.677	0 %100
154	M121	Z	0	0	0 %100
155	M122	X	-2.677	-2.677	0 %100
156	M122	Z	0	0	0 %100
157	M124	X	-2.677	-2.677	0 %100
158	M124	Z	0	0	0 %100
159	M126	X	-2.677	-2.677	0 %100
160	M126	Z	0	0	0 %100
161	M127	X	-2.677	-2.677	0 %100
162	M127	Z	0	0	0 %100
163	M128	X	-2.677	-2.677	0 %100
164	M128	Z	0	0	0 %100
165	MP0.5C	X	-13.461	-13.461	0 %100
166	MP0.5C	Z	0	0	0 %100
167	MP1C	X	-8.976	-8.976	0 %100
168	MP1C	Z	0	0	0 %100
169	MP1.8C	X	-8.18	-8.18	0 %100
170	MP1.8C	Z	0	0	0 %100
171	MP1.9C	X	-8.976	-8.976	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]	
172	MP1.9C	Z	0	0	%100	
173	MP2C	X	-13.461	-13.461	0	%100
174	MP2C	Z	0	0	0	%100
175	MP4C	X	-13.461	-13.461	0	%100
176	MP4C	Z	0	0	0	%100
177	MP4.1C	X	-8.976	-8.976	0	%100
178	MP4.1C	Z	0	0	0	%100
179	MP5C	X	-8.976	-8.976	0	%100
180	MP5C	Z	0	0	0	%100
181	MP5.5C	X	-13.461	-13.461	0	%100
182	MP5.5C	Z	0	0	0	%100
183	M151	X	-2.677	-2.677	0	%100
184	M151	Z	0	0	0	%100
185	M152	X	-2.677	-2.677	0	%100
186	M152	Z	0	0	0	%100
187	M154	X	-2.677	-2.677	0	%100
188	M154	Z	0	0	0	%100
189	M156	X	-2.677	-2.677	0	%100
190	M156	Z	0	0	0	%100
191	M157	X	-2.677	-2.677	0	%100
192	M157	Z	0	0	0	%100
193	M158	X	-2.677	-2.677	0	%100
194	M158	Z	0	0	0	%100
195	MP3C	X	-8.976	-8.976	0	%100
196	MP3C	Z	0	0	0	%100
197	M218A	X	-10.709	-10.709	0	%100
198	M218A	Z	0	0	0	%100
199	M219A	X	-10.709	-10.709	0	%100
200	M219A	Z	0	0	0	%100
201	M220A	X	-2.677	-2.677	0	%100
202	M220A	Z	0	0	0	%100
203	M221A	X	-2.677	-2.677	0	%100
204	M221A	Z	0	0	0	%100
205	M222A	X	-2.677	-2.677	0	%100
206	M222A	Z	0	0	0	%100
207	M223	X	-2.677	-2.677	0	%100
208	M223	Z	0	0	0	%100
209	M218B	X	-.357	-.357	0	%100
210	M218B	Z	0	0	0	%100
211	M219B	X	-.357	-.357	0	%100
212	M219B	Z	0	0	0	%100
213	M228	X	0	0	0	%100
214	M228	Z	0	0	0	%100
215	M233	X	-8.15	-8.15	0	%100
216	M233	Z	0	0	0	%100
217	M238	X	-8.15	-8.15	0	%100
218	M238	Z	0	0	0	%100
219	M251	X	-10.127	-10.127	0	%100
220	M251	Z	0	0	0	%100
221	M253	X	0	0	0	%100
222	M253	Z	0	0	0	%100
223	M255	X	-10.128	-10.128	0	%100
224	M255	Z	0	0	0	%100
225	M261	X	0	0	0	%100
226	M261	Z	0	0	0	%100
227	M266	X	-8.15	-8.15	0	%100
228	M266	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
229	M271	X	-8.15	-8.15	0	%100
230	M271	Z	0	0	0	%100
231	M284	X	-10.127	-10.127	0	%100
232	M284	Z	0	0	0	%100
233	M286	X	0	0	0	%100
234	M286	Z	0	0	0	%100
235	M288	X	-10.128	-10.128	0	%100
236	M288	Z	0	0	0	%100
237	M290	X	-4.639	-4.639	0	%100
238	M290	Z	0	0	0	%100
239	M291	X	-6.881	-6.881	0	%100
240	M291	Z	0	0	0	%100
241	M274	X	-8.178	-8.178	0	%100
242	M274	Z	0	0	0	%100
243	M275A	X	-10.512	-10.512	0	%100
244	M275A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-5.114	-5.114	0	%100
2	M1	Z	-2.953	-2.953	0	%100
3	M2	X	-5.114	-5.114	0	%100
4	M2	Z	-2.953	-2.953	0	%100
5	M3	X	-20.457	-20.457	0	%100
6	M3	Z	-11.811	-11.811	0	%100
7	M4	X	-4.909	-4.909	0	%100
8	M4	Z	-2.834	-2.834	0	%100
9	M5	X	-4.333	-4.333	0	%100
10	M5	Z	-2.502	-2.502	0	%100
11	M6	X	-3.792	-3.792	0	%100
12	M6	Z	-2.189	-2.189	0	%100
13	M7	X	-17.965	-17.965	0	%100
14	M7	Z	-10.372	-10.372	0	%100
15	M8	X	-20.863	-20.863	0	%100
16	M8	Z	-12.045	-12.045	0	%100
17	M9	X	-15.608	-15.608	0	%100
18	M9	Z	-9.011	-9.011	0	%100
19	M10	X	-5.832	-5.832	0	%100
20	M10	Z	-3.367	-3.367	0	%100
21	M11	X	-2.864	-2.864	0	%100
22	M11	Z	-1.654	-1.654	0	%100
23	M12	X	-8.789	-8.789	0	%100
24	M12	Z	-5.074	-5.074	0	%100
25	M13	X	-8.789	-8.789	0	%100
26	M13	Z	-5.074	-5.074	0	%100
27	M14	X	-8.789	-8.789	0	%100
28	M14	Z	-5.074	-5.074	0	%100
29	M15	X	-8.789	-8.789	0	%100
30	M15	Z	-5.074	-5.074	0	%100
31	M16	X	-2.372	-2.372	0	%100
32	M16	Z	-1.369	-1.369	0	%100
33	M17	X	-2.447	-2.447	0	%100
34	M17	Z	-1.413	-1.413	0	%100
35	M18	X	-2.372	-2.372	0	%100
36	M18	Z	-1.369	-1.369	0	%100
37	M19	X	-11.456	-11.456	0	%100



Company : GPD  
 Designer : ENIETO  
 Job Number : Project No. 10084891  
 Model Name : 467684-VZW\_MT\_LO\_H

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
38	M19	Z	-6.614	-6.614	0 %100
39	M20	X	-8.789	-8.789	0 %100
40	M20	Z	-5.074	-5.074	0 %100
41	M21	X	-8.789	-8.789	0 %100
42	M21	Z	-5.074	-5.074	0 %100
43	M22	X	-8.789	-8.789	0 %100
44	M22	Z	-5.074	-5.074	0 %100
45	M23	X	-8.789	-8.789	0 %100
46	M23	Z	-5.074	-5.074	0 %100
47	M24	X	-9.486	-9.486	0 %100
48	M24	Z	-5.477	-5.477	0 %100
49	M25	X	-9.789	-9.789	0 %100
50	M25	Z	-5.652	-5.652	0 %100
51	M26	X	-9.486	-9.486	0 %100
52	M26	Z	-5.477	-5.477	0 %100
53	M27	X	-2.864	-2.864	0 %100
54	M27	Z	-1.654	-1.654	0 %100
55	M28	X	-8.789	-8.789	0 %100
56	M28	Z	-5.074	-5.074	0 %100
57	M29	X	-8.789	-8.789	0 %100
58	M29	Z	-5.074	-5.074	0 %100
59	M30	X	-8.789	-8.789	0 %100
60	M30	Z	-5.074	-5.074	0 %100
61	M31	X	-8.789	-8.789	0 %100
62	M31	Z	-5.074	-5.074	0 %100
63	M32	X	-2.372	-2.372	0 %100
64	M32	Z	-1.369	-1.369	0 %100
65	M33	X	-2.445	-2.445	0 %100
66	M33	Z	-1.412	-1.412	0 %100
67	M34	X	-2.374	-2.374	0 %100
68	M34	Z	-1.371	-1.371	0 %100
69	M35	X	-29.034	-29.034	0 %100
70	M35	Z	-16.763	-16.763	0 %100
71	M36	X	-29.034	-29.034	0 %100
72	M36	Z	-16.763	-16.763	0 %100
73	M37	X	-29.034	-29.034	0 %100
74	M37	Z	-16.763	-16.763	0 %100
75	M62	X	-3.816	-3.816	0 %100
76	M62	Z	-2.203	-2.203	0 %100
77	M63	X	0	0	0 %100
78	M63	Z	0	0	0 %100
79	M64	X	-1.235	-1.235	0 %100
80	M64	Z	-.713	-.713	0 %100
81	M65	X	-3.419	-3.419	0 %100
82	M65	Z	-1.974	-1.974	0 %100
83	M66	X	-15.266	-15.266	0 %100
84	M66	Z	-8.814	-8.814	0 %100
85	M67	X	-1.235	-1.235	0 %100
86	M67	Z	-.713	-.713	0 %100
87	M68	X	-1.235	-1.235	0 %100
88	M68	Z	-.713	-.713	0 %100
89	M69	X	-13.675	-13.675	0 %100
90	M69	Z	-7.895	-7.895	0 %100
91	M70	X	-3.816	-3.816	0 %100
92	M70	Z	-2.203	-2.203	0 %100
93	M71	X	-1.235	-1.235	0 %100
94	M71	Z	-.713	-.713	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
95	M72	X	0	0	%100
96	M72	Z	0	0	%100
97	M73	X	-3.419	-3.419	0
98	M73	Z	-1.974	-1.974	0
99	M74	X	-2.623	-2.623	0
100	M74	Z	-1.514	-1.514	0
101	M75	X	-10.492	-10.492	0
102	M75	Z	-6.058	-6.058	0
103	M76	X	-2.623	-2.623	0
104	M76	Z	-1.514	-1.514	0
105	MP0.5A	X	-11.657	-11.657	0
106	MP0.5A	Z	-6.73	-6.73	0
107	MP1A	X	-7.774	-7.774	0
108	MP1A	Z	-4.488	-4.488	0
109	MP1.8A	X	-7.084	-7.084	0
110	MP1.8A	Z	-4.09	-4.09	0
111	MP1.9A	X	-7.774	-7.774	0
112	MP1.9A	Z	-4.488	-4.488	0
113	MP2A	X	-11.657	-11.657	0
114	MP2A	Z	-6.73	-6.73	0
115	MP4A	X	-11.657	-11.657	0
116	MP4A	Z	-6.73	-6.73	0
117	MP4.1A	X	-7.774	-7.774	0
118	MP4.1A	Z	-4.488	-4.488	0
119	MP5A	X	-7.774	-7.774	0
120	MP5A	Z	-4.488	-4.488	0
121	MP5.5A	X	-11.657	-11.657	0
122	MP5.5A	Z	-6.73	-6.73	0
123	M91	X	-6.955	-6.955	0
124	M91	Z	-4.016	-4.016	0
125	M92	X	-6.955	-6.955	0
126	M92	Z	-4.016	-4.016	0
127	M94	X	-6.955	-6.955	0
128	M94	Z	-4.016	-4.016	0
129	M96	X	-6.955	-6.955	0
130	M96	Z	-4.016	-4.016	0
131	M97	X	-6.955	-6.955	0
132	M97	Z	-4.016	-4.016	0
133	M98	X	-6.955	-6.955	0
134	M98	Z	-4.016	-4.016	0
135	MP0.5B	X	-11.657	-11.657	0
136	MP0.5B	Z	-6.73	-6.73	0
137	MP1B	X	-7.774	-7.774	0
138	MP1B	Z	-4.488	-4.488	0
139	MP1.8B	X	-7.084	-7.084	0
140	MP1.8B	Z	-4.09	-4.09	0
141	MP1.9B	X	-7.774	-7.774	0
142	MP1.9B	Z	-4.488	-4.488	0
143	MP2B	X	-11.657	-11.657	0
144	MP2B	Z	-6.73	-6.73	0
145	MP4B	X	-11.657	-11.657	0
146	MP4B	Z	-6.73	-6.73	0
147	MP4.1B	X	-7.774	-7.774	0
148	MP4.1B	Z	-4.488	-4.488	0
149	MP5B	X	-7.774	-7.774	0
150	MP5B	Z	-4.488	-4.488	0
151	MP5.5B	X	-11.657	-11.657	0



Company : GPD  
 Designer : ENIETO  
 Job Number : Project No. 10084891  
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**Member Distributed Loads (BLC 51 : Structure Wo (300 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
152	MP5.5B	Z	-6.73	-6.73	0 %100
153	M121	X	0	0	0 %100
154	M121	Z	0	0	0 %100
155	M122	X	0	0	0 %100
156	M122	Z	0	0	0 %100
157	M124	X	0	0	0 %100
158	M124	Z	0	0	0 %100
159	M126	X	0	0	0 %100
160	M126	Z	0	0	0 %100
161	M127	X	0	0	0 %100
162	M127	Z	0	0	0 %100
163	M128	X	0	0	0 %100
164	M128	Z	0	0	0 %100
165	MP0.5C	X	-11.657	-11.657	0 %100
166	MP0.5C	Z	-6.73	-6.73	0 %100
167	MP1C	X	-7.774	-7.774	0 %100
168	MP1C	Z	-4.488	-4.488	0 %100
169	MP1.8C	X	-7.084	-7.084	0 %100
170	MP1.8C	Z	-4.09	-4.09	0 %100
171	MP1.9C	X	-7.774	-7.774	0 %100
172	MP1.9C	Z	-4.488	-4.488	0 %100
173	MP2C	X	-11.657	-11.657	0 %100
174	MP2C	Z	-6.73	-6.73	0 %100
175	MP4C	X	-11.657	-11.657	0 %100
176	MP4C	Z	-6.73	-6.73	0 %100
177	MP4.1C	X	-7.774	-7.774	0 %100
178	MP4.1C	Z	-4.488	-4.488	0 %100
179	MP5C	X	-7.774	-7.774	0 %100
180	MP5C	Z	-4.488	-4.488	0 %100
181	MP5.5C	X	-11.657	-11.657	0 %100
182	MP5.5C	Z	-6.73	-6.73	0 %100
183	M151	X	-6.955	-6.955	0 %100
184	M151	Z	-4.016	-4.016	0 %100
185	M152	X	-6.955	-6.955	0 %100
186	M152	Z	-4.016	-4.016	0 %100
187	M154	X	-6.955	-6.955	0 %100
188	M154	Z	-4.016	-4.016	0 %100
189	M156	X	-6.955	-6.955	0 %100
190	M156	Z	-4.016	-4.016	0 %100
191	M157	X	-6.955	-6.955	0 %100
192	M157	Z	-4.016	-4.016	0 %100
193	M158	X	-6.955	-6.955	0 %100
194	M158	Z	-4.016	-4.016	0 %100
195	MP3C	X	-7.774	-7.774	0 %100
196	MP3C	Z	-4.488	-4.488	0 %100
197	M218A	X	-6.955	-6.955	0 %100
198	M218A	Z	-4.016	-4.016	0 %100
199	M219A	X	-6.955	-6.955	0 %100
200	M219A	Z	-4.016	-4.016	0 %100
201	M220A	X	0	0	0 %100
202	M220A	Z	0	0	0 %100
203	M221A	X	0	0	0 %100
204	M221A	Z	0	0	0 %100
205	M222A	X	-6.955	-6.955	0 %100
206	M222A	Z	-4.016	-4.016	0 %100
207	M223	X	-6.955	-6.955	0 %100
208	M223	Z	-4.016	-4.016	0 %100



Company : GPD  
 Designer : ENIETO  
 Job Number : Project No. 10084891  
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**Member Distributed Loads (BLC 51 : Structure Wo (300 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
209	M218B	X	-7.275	-7.275	0	%100
210	M218B	Z	-4.2	-4.2	0	%100
211	M219B	X	-7.275	-7.275	0	%100
212	M219B	Z	-4.2	-4.2	0	%100
213	M228	X	-2.353	-2.353	0	%100
214	M228	Z	-1.358	-1.358	0	%100
215	M233	X	-9.41	-9.41	0	%100
216	M233	Z	-5.433	-5.433	0	%100
217	M238	X	-2.353	-2.353	0	%100
218	M238	Z	-1.358	-1.358	0	%100
219	M251	X	-2.923	-2.923	0	%100
220	M251	Z	-1.688	-1.688	0	%100
221	M253	X	-2.924	-2.924	0	%100
222	M253	Z	-1.688	-1.688	0	%100
223	M255	X	-11.694	-11.694	0	%100
224	M255	Z	-6.752	-6.752	0	%100
225	M261	X	-2.353	-2.353	0	%100
226	M261	Z	-1.358	-1.358	0	%100
227	M266	X	-9.41	-9.41	0	%100
228	M266	Z	-5.433	-5.433	0	%100
229	M271	X	-2.353	-2.353	0	%100
230	M271	Z	-1.358	-1.358	0	%100
231	M284	X	-2.923	-2.923	0	%100
232	M284	Z	-1.688	-1.688	0	%100
233	M286	X	-2.924	-2.924	0	%100
234	M286	Z	-1.688	-1.688	0	%100
235	M288	X	-11.694	-11.694	0	%100
236	M288	Z	-6.752	-6.752	0	%100
237	M290	X	-10.219	-10.219	0	%100
238	M290	Z	-5.9	-5.9	0	%100
239	M291	X	-1.946	-1.946	0	%100
240	M291	Z	-1.123	-1.123	0	%100
241	M274	X	-11.308	-11.308	0	%100
242	M274	Z	-6.529	-6.529	0	%100
243	M275A	X	-6.734	-6.734	0	%100
244	M275A	Z	-3.888	-3.888	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-8.858	-8.858	0	%100
4	M2	Z	-15.343	-15.343	0	%100
5	M3	X	-8.858	-8.858	0	%100
6	M3	Z	-15.343	-15.343	0	%100
7	M4	X	-8.503	-8.503	0	%100
8	M4	Z	-14.727	-14.727	0	%100
9	M5	X	-7.505	-7.505	0	%100
10	M5	Z	-13	-13	0	%100
11	M6	X	-6.567	-6.567	0	%100
12	M6	Z	-11.375	-11.375	0	%100
13	M7	X	-8.162	-8.162	0	%100
14	M7	Z	-14.137	-14.137	0	%100
15	M8	X	-11.785	-11.785	0	%100
16	M8	Z	-20.413	-20.413	0	%100
17	M9	X	-7.846	-7.846	0	%100





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

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
18	M9	Z	-13.59	-13.59	0 %100
19	M10	X	-2.401	-2.401	0 %100
20	M10	Z	-4.159	-4.159	0 %100
21	M11	X	-4.961	-4.961	0 %100
22	M11	Z	-8.592	-8.592	0 %100
23	M12	X	-5.074	-5.074	0 %100
24	M12	Z	-8.789	-8.789	0 %100
25	M13	X	-5.074	-5.074	0 %100
26	M13	Z	-8.789	-8.789	0 %100
27	M14	X	-5.074	-5.074	0 %100
28	M14	Z	-8.789	-8.789	0 %100
29	M15	X	-5.074	-5.074	0 %100
30	M15	Z	-8.789	-8.789	0 %100
31	M16	X	-4.108	-4.108	0 %100
32	M16	Z	-7.115	-7.115	0 %100
33	M17	X	-4.239	-4.239	0 %100
34	M17	Z	-7.342	-7.342	0 %100
35	M18	X	-4.108	-4.108	0 %100
36	M18	Z	-7.115	-7.115	0 %100
37	M19	X	-4.961	-4.961	0 %100
38	M19	Z	-8.592	-8.592	0 %100
39	M20	X	-5.074	-5.074	0 %100
40	M20	Z	-8.789	-8.789	0 %100
41	M21	X	-5.074	-5.074	0 %100
42	M21	Z	-8.789	-8.789	0 %100
43	M22	X	-5.074	-5.074	0 %100
44	M22	Z	-8.789	-8.789	0 %100
45	M23	X	-5.074	-5.074	0 %100
46	M23	Z	-8.789	-8.789	0 %100
47	M24	X	-4.108	-4.108	0 %100
48	M24	Z	-7.115	-7.115	0 %100
49	M25	X	-4.239	-4.239	0 %100
50	M25	Z	-7.342	-7.342	0 %100
51	M26	X	-4.108	-4.108	0 %100
52	M26	Z	-7.115	-7.115	0 %100
53	M27	X	0	0	0 %100
54	M27	Z	0	0	0 %100
55	M28	X	-5.074	-5.074	0 %100
56	M28	Z	-8.789	-8.789	0 %100
57	M29	X	-5.074	-5.074	0 %100
58	M29	Z	-8.789	-8.789	0 %100
59	M30	X	-5.074	-5.074	0 %100
60	M30	Z	-8.789	-8.789	0 %100
61	M31	X	-5.074	-5.074	0 %100
62	M31	Z	-8.789	-8.789	0 %100
63	M32	X	0	0	0 %100
64	M32	Z	0	0	0 %100
65	M33	X	0	0	0 %100
66	M33	Z	0	0	0 %100
67	M34	X	0	0	0 %100
68	M34	Z	0	0	0 %100
69	M35	X	-16.763	-16.763	0 %100
70	M35	Z	-29.034	-29.034	0 %100
71	M36	X	-16.763	-16.763	0 %100
72	M36	Z	-29.034	-29.034	0 %100
73	M37	X	-16.763	-16.763	0 %100
74	M37	Z	-29.034	-29.034	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
75	M62	X	-6.61	-6.61	0 %100
76	M62	Z	-11.449	-11.449	0 %100
77	M63	X	-.238	-.238	0 %100
78	M63	Z	-.412	-.412	0 %100
79	M64	X	-.951	-.951	0 %100
80	M64	Z	-1.647	-1.647	0 %100
81	M65	X	-5.921	-5.921	0 %100
82	M65	Z	-10.256	-10.256	0 %100
83	M66	X	-6.61	-6.61	0 %100
84	M66	Z	-11.449	-11.449	0 %100
85	M67	X	-.951	-.951	0 %100
86	M67	Z	-1.647	-1.647	0 %100
87	M68	X	-.238	-.238	0 %100
88	M68	Z	-.412	-.412	0 %100
89	M69	X	-5.921	-5.921	0 %100
90	M69	Z	-10.256	-10.256	0 %100
91	M70	X	0	0	0 %100
92	M70	Z	0	0	0 %100
93	M71	X	-.238	-.238	0 %100
94	M71	Z	-.412	-.412	0 %100
95	M72	X	-.238	-.238	0 %100
96	M72	Z	-.412	-.412	0 %100
97	M73	X	0	0	0 %100
98	M73	Z	0	0	0 %100
99	M74	X	-4.543	-4.543	0 %100
100	M74	Z	-7.869	-7.869	0 %100
101	M75	X	-4.543	-4.543	0 %100
102	M75	Z	-7.869	-7.869	0 %100
103	M76	X	0	0	0 %100
104	M76	Z	0	0	0 %100
105	MP0.5A	X	-6.73	-6.73	0 %100
106	MP0.5A	Z	-11.657	-11.657	0 %100
107	MP1A	X	-4.488	-4.488	0 %100
108	MP1A	Z	-7.774	-7.774	0 %100
109	MP1.8A	X	-4.09	-4.09	0 %100
110	MP1.8A	Z	-7.084	-7.084	0 %100
111	MP1.9A	X	-4.488	-4.488	0 %100
112	MP1.9A	Z	-7.774	-7.774	0 %100
113	MP2A	X	-6.73	-6.73	0 %100
114	MP2A	Z	-11.657	-11.657	0 %100
115	MP4A	X	-6.73	-6.73	0 %100
116	MP4A	Z	-11.657	-11.657	0 %100
117	MP4.1A	X	-4.488	-4.488	0 %100
118	MP4.1A	Z	-7.774	-7.774	0 %100
119	MP5A	X	-4.488	-4.488	0 %100
120	MP5A	Z	-7.774	-7.774	0 %100
121	MP5.5A	X	-6.73	-6.73	0 %100
122	MP5.5A	Z	-11.657	-11.657	0 %100
123	M91	X	-1.339	-1.339	0 %100
124	M91	Z	-2.318	-2.318	0 %100
125	M92	X	-1.339	-1.339	0 %100
126	M92	Z	-2.318	-2.318	0 %100
127	M94	X	-1.339	-1.339	0 %100
128	M94	Z	-2.318	-2.318	0 %100
129	M96	X	-1.339	-1.339	0 %100
130	M96	Z	-2.318	-2.318	0 %100
131	M97	X	-1.339	-1.339	0 %100



Company : GPD  
 Designer : ENIETO  
 Job Number : Project No. 10084891  
 Model Name : 467684-VZW\_MT\_LO\_H

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

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
132	M97	Z	-2.318	-2.318	0 %100
133	M98	X	-1.339	-1.339	0 %100
134	M98	Z	-2.318	-2.318	0 %100
135	MP0.5B	X	-6.73	-6.73	0 %100
136	MP0.5B	Z	-11.657	-11.657	0 %100
137	MP1B	X	-4.488	-4.488	0 %100
138	MP1B	Z	-7.774	-7.774	0 %100
139	MP1.8B	X	-4.09	-4.09	0 %100
140	MP1.8B	Z	-7.084	-7.084	0 %100
141	MP1.9B	X	-4.488	-4.488	0 %100
142	MP1.9B	Z	-7.774	-7.774	0 %100
143	MP2B	X	-6.73	-6.73	0 %100
144	MP2B	Z	-11.657	-11.657	0 %100
145	MP4B	X	-6.73	-6.73	0 %100
146	MP4B	Z	-11.657	-11.657	0 %100
147	MP4.1B	X	-4.488	-4.488	0 %100
148	MP4.1B	Z	-7.774	-7.774	0 %100
149	MP5B	X	-4.488	-4.488	0 %100
150	MP5B	Z	-7.774	-7.774	0 %100
151	MP5.5B	X	-6.73	-6.73	0 %100
152	MP5.5B	Z	-11.657	-11.657	0 %100
153	M121	X	-1.339	-1.339	0 %100
154	M121	Z	-2.318	-2.318	0 %100
155	M122	X	-1.339	-1.339	0 %100
156	M122	Z	-2.318	-2.318	0 %100
157	M124	X	-1.339	-1.339	0 %100
158	M124	Z	-2.318	-2.318	0 %100
159	M126	X	-1.339	-1.339	0 %100
160	M126	Z	-2.318	-2.318	0 %100
161	M127	X	-1.339	-1.339	0 %100
162	M127	Z	-2.318	-2.318	0 %100
163	M128	X	-1.339	-1.339	0 %100
164	M128	Z	-2.318	-2.318	0 %100
165	MP0.5C	X	-6.73	-6.73	0 %100
166	MP0.5C	Z	-11.657	-11.657	0 %100
167	MP1C	X	-4.488	-4.488	0 %100
168	MP1C	Z	-7.774	-7.774	0 %100
169	MP1.8C	X	-4.09	-4.09	0 %100
170	MP1.8C	Z	-7.084	-7.084	0 %100
171	MP1.9C	X	-4.488	-4.488	0 %100
172	MP1.9C	Z	-7.774	-7.774	0 %100
173	MP2C	X	-6.73	-6.73	0 %100
174	MP2C	Z	-11.657	-11.657	0 %100
175	MP4C	X	-6.73	-6.73	0 %100
176	MP4C	Z	-11.657	-11.657	0 %100
177	MP4.1C	X	-4.488	-4.488	0 %100
178	MP4.1C	Z	-7.774	-7.774	0 %100
179	MP5C	X	-4.488	-4.488	0 %100
180	MP5C	Z	-7.774	-7.774	0 %100
181	MP5.5C	X	-6.73	-6.73	0 %100
182	MP5.5C	Z	-11.657	-11.657	0 %100
183	M151	X	-5.354	-5.354	0 %100
184	M151	Z	-9.274	-9.274	0 %100
185	M152	X	-5.354	-5.354	0 %100
186	M152	Z	-9.274	-9.274	0 %100
187	M154	X	-5.354	-5.354	0 %100
188	M154	Z	-9.274	-9.274	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
189	M156	X	-5.354	-5.354	0	%100
190	M156	Z	-9.274	-9.274	0	%100
191	M157	X	-5.354	-5.354	0	%100
192	M157	Z	-9.274	-9.274	0	%100
193	M158	X	-5.354	-5.354	0	%100
194	M158	Z	-9.274	-9.274	0	%100
195	MP3C	X	-4.488	-4.488	0	%100
196	MP3C	Z	-7.774	-7.774	0	%100
197	M218A	X	-1.339	-1.339	0	%100
198	M218A	Z	-2.318	-2.318	0	%100
199	M219A	X	-1.339	-1.339	0	%100
200	M219A	Z	-2.318	-2.318	0	%100
201	M220A	X	-1.339	-1.339	0	%100
202	M220A	Z	-2.318	-2.318	0	%100
203	M221A	X	-1.339	-1.339	0	%100
204	M221A	Z	-2.318	-2.318	0	%100
205	M222A	X	-5.354	-5.354	0	%100
206	M222A	Z	-9.274	-9.274	0	%100
207	M223	X	-5.354	-5.354	0	%100
208	M223	Z	-9.274	-9.274	0	%100
209	M218B	X	-15.78	-15.78	0	%100
210	M218B	Z	-27.332	-27.332	0	%100
211	M219B	X	-15.78	-15.78	0	%100
212	M219B	Z	-27.332	-27.332	0	%100
213	M228	X	-4.075	-4.075	0	%100
214	M228	Z	-7.058	-7.058	0	%100
215	M233	X	-4.075	-4.075	0	%100
216	M233	Z	-7.058	-7.058	0	%100
217	M238	X	0	0	0	%100
218	M238	Z	0	0	0	%100
219	M251	X	0	0	0	%100
220	M251	Z	0	0	0	%100
221	M253	X	-5.064	-5.064	0	%100
222	M253	Z	-8.771	-8.771	0	%100
223	M255	X	-5.063	-5.063	0	%100
224	M255	Z	-8.77	-8.77	0	%100
225	M261	X	-4.075	-4.075	0	%100
226	M261	Z	-7.058	-7.058	0	%100
227	M266	X	-4.075	-4.075	0	%100
228	M266	Z	-7.058	-7.058	0	%100
229	M271	X	0	0	0	%100
230	M271	Z	0	0	0	%100
231	M284	X	0	0	0	%100
232	M284	Z	0	0	0	%100
233	M286	X	-5.064	-5.064	0	%100
234	M286	Z	-8.771	-8.771	0	%100
235	M288	X	-5.063	-5.063	0	%100
236	M288	Z	-8.77	-8.77	0	%100
237	M290	X	-7.868	-7.868	0	%100
238	M290	Z	-13.628	-13.628	0	%100
239	M291	X	-2.14	-2.14	0	%100
240	M291	Z	-3.706	-3.706	0	%100
241	M274	X	-7.87	-7.87	0	%100
242	M274	Z	-13.631	-13.631	0	%100
243	M275A	X	-4.488	-4.488	0	%100
244	M275A	Z	-7.773	-7.773	0	%100



Company : GPD  
 Designer : ENIETO  
 Job Number : Project No. 10084891  
 Model Name : 467684-VZW\_MT\_LO\_H

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-1.458	-1.458	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-5.833	-5.833	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-1.458	-1.458	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-5.66	-5.66	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-5.174	-5.174	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-4.525	-4.525	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-3.23	-3.23	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-3.539	-3.539	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-4.054	-4.054	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	-3.102	-3.102	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	-3.935	-3.935	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	-3.225	-3.225	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	-3.225	-3.225	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	-3.225	-3.225	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	-3.225	-3.225	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	-3.519	-3.519	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	-3.583	-3.583	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	-3.519	-3.519	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	-.984	-.984	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	-3.225	-3.225	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	-3.225	-3.225	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	-3.225	-3.225	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	-3.225	-3.225	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	-.88	-.88	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	-.896	-.896	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	-.88	-.88	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	-.984	-.984	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	-3.225	-3.225	0	%100
57	M29	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
58	M29	Z	-3.225	-3.225	0 %100
59	M30	X	0	0	0 %100
60	M30	Z	-3.225	-3.225	0 %100
61	M31	X	0	0	0 %100
62	M31	Z	-3.225	-3.225	0 %100
63	M32	X	0	0	0 %100
64	M32	Z	-.88	-.88	0 %100
65	M33	X	0	0	0 %100
66	M33	Z	-.895	-.895	0 %100
67	M34	X	0	0	0 %100
68	M34	Z	-.88	-.88	0 %100
69	M35	X	0	0	0 %100
70	M35	Z	-7.496	-7.496	0 %100
71	M36	X	0	0	0 %100
72	M36	Z	-7.496	-7.496	0 %100
73	M37	X	0	0	0 %100
74	M37	Z	-7.496	-7.496	0 %100
75	M62	X	0	0	0 %100
76	M62	Z	-4.616	-4.616	0 %100
77	M63	X	0	0	0 %100
78	M63	Z	-.925	-.925	0 %100
79	M64	X	0	0	0 %100
80	M64	Z	-.925	-.925	0 %100
81	M65	X	0	0	0 %100
82	M65	Z	-4.28	-4.28	0 %100
83	M66	X	0	0	0 %100
84	M66	Z	-1.154	-1.154	0 %100
85	M67	X	0	0	0 %100
86	M67	Z	-.925	-.925	0 %100
87	M68	X	0	0	0 %100
88	M68	Z	0	0	0 %100
89	M69	X	0	0	0 %100
90	M69	Z	-1.07	-1.07	0 %100
91	M70	X	0	0	0 %100
92	M70	Z	-1.154	-1.154	0 %100
93	M71	X	0	0	0 %100
94	M71	Z	0	0	0 %100
95	M72	X	0	0	0 %100
96	M72	Z	-.925	-.925	0 %100
97	M73	X	0	0	0 %100
98	M73	Z	-1.07	-1.07	0 %100
99	M74	X	0	0	0 %100
100	M74	Z	-3.609	-3.609	0 %100
101	M75	X	0	0	0 %100
102	M75	Z	-.902	-.902	0 %100
103	M76	X	0	0	0 %100
104	M76	Z	-.902	-.902	0 %100
105	MP0.5A	X	0	0	0 %100
106	MP0.5A	Z	-4.28	-4.28	0 %100
107	MP1A	X	0	0	0 %100
108	MP1A	Z	-3.158	-3.158	0 %100
109	MP1.8A	X	0	0	0 %100
110	MP1.8A	Z	-2.923	-2.923	0 %100
111	MP1.9A	X	0	0	0 %100
112	MP1.9A	Z	-3.158	-3.158	0 %100
113	MP2A	X	0	0	0 %100
114	MP2A	Z	-4.28	-4.28	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
115	MP4A	X	0	0	%100
116	MP4A	Z	-4.28	-4.28	%100
117	MP4.1A	X	0	0	%100
118	MP4.1A	Z	-3.158	-3.158	%100
119	MP5A	X	0	0	%100
120	MP5A	Z	-3.158	-3.158	%100
121	MP5.5A	X	0	0	%100
122	MP5.5A	Z	-4.28	-4.28	%100
123	M91	X	0	0	%100
124	M91	Z	0	0	%100
125	M92	X	0	0	%100
126	M92	Z	0	0	%100
127	M94	X	0	0	%100
128	M94	Z	0	0	%100
129	M96	X	0	0	%100
130	M96	Z	0	0	%100
131	M97	X	0	0	%100
132	M97	Z	0	0	%100
133	M98	X	0	0	%100
134	M98	Z	0	0	%100
135	MP0.5B	X	0	0	%100
136	MP0.5B	Z	-4.28	-4.28	%100
137	MP1B	X	0	0	%100
138	MP1B	Z	-3.158	-3.158	%100
139	MP1.8B	X	0	0	%100
140	MP1.8B	Z	-2.923	-2.923	%100
141	MP1.9B	X	0	0	%100
142	MP1.9B	Z	-3.158	-3.158	%100
143	MP2B	X	0	0	%100
144	MP2B	Z	-4.28	-4.28	%100
145	MP4B	X	0	0	%100
146	MP4B	Z	-4.28	-4.28	%100
147	MP4.1B	X	0	0	%100
148	MP4.1B	Z	-3.158	-3.158	%100
149	MP5B	X	0	0	%100
150	MP5B	Z	-3.158	-3.158	%100
151	MP5.5B	X	0	0	%100
152	MP5.5B	Z	-4.28	-4.28	%100
153	M121	X	0	0	%100
154	M121	Z	-2.136	-2.136	%100
155	M122	X	0	0	%100
156	M122	Z	-2.136	-2.136	%100
157	M124	X	0	0	%100
158	M124	Z	-2.136	-2.136	%100
159	M126	X	0	0	%100
160	M126	Z	-2.136	-2.136	%100
161	M127	X	0	0	%100
162	M127	Z	-2.136	-2.136	%100
163	M128	X	0	0	%100
164	M128	Z	-2.136	-2.136	%100
165	MP0.5C	X	0	0	%100
166	MP0.5C	Z	-4.28	-4.28	%100
167	MP1C	X	0	0	%100
168	MP1C	Z	-3.158	-3.158	%100
169	MP1.8C	X	0	0	%100
170	MP1.8C	Z	-2.923	-2.923	%100
171	MP1.9C	X	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
172	MP1.9C	Z	-3.158	-3.158	0 %100
173	MP2C	X	0	0	0 %100
174	MP2C	Z	-4.28	-4.28	0 %100
175	MP4C	X	0	0	0 %100
176	MP4C	Z	-4.28	-4.28	0 %100
177	MP4.1C	X	0	0	0 %100
178	MP4.1C	Z	-3.158	-3.158	0 %100
179	MP5C	X	0	0	0 %100
180	MP5C	Z	-3.158	-3.158	0 %100
181	MP5.5C	X	0	0	0 %100
182	MP5.5C	Z	-4.28	-4.28	0 %100
183	M151	X	0	0	0 %100
184	M151	Z	-2.136	-2.136	0 %100
185	M152	X	0	0	0 %100
186	M152	Z	-2.136	-2.136	0 %100
187	M154	X	0	0	0 %100
188	M154	Z	-2.136	-2.136	0 %100
189	M156	X	0	0	0 %100
190	M156	Z	-2.136	-2.136	0 %100
191	M157	X	0	0	0 %100
192	M157	Z	-2.136	-2.136	0 %100
193	M158	X	0	0	0 %100
194	M158	Z	-2.136	-2.136	0 %100
195	MP3C	X	0	0	0 %100
196	MP3C	Z	-3.158	-3.158	0 %100
197	M218A	X	0	0	0 %100
198	M218A	Z	0	0	0 %100
199	M219A	X	0	0	0 %100
200	M219A	Z	0	0	0 %100
201	M220A	X	0	0	0 %100
202	M220A	Z	-2.136	-2.136	0 %100
203	M221A	X	0	0	0 %100
204	M221A	Z	-2.136	-2.136	0 %100
205	M222A	X	0	0	0 %100
206	M222A	Z	-2.136	-2.136	0 %100
207	M223	X	0	0	0 %100
208	M223	Z	-2.136	-2.136	0 %100
209	M218B	X	0	0	0 %100
210	M218B	Z	-10.034	-10.034	0 %100
211	M219B	X	0	0	0 %100
212	M219B	Z	-10.034	-10.034	0 %100
213	M228	X	0	0	0 %100
214	M228	Z	-3.503	-3.503	0 %100
215	M233	X	0	0	0 %100
216	M233	Z	-.876	-.876	0 %100
217	M238	X	0	0	0 %100
218	M238	Z	-.876	-.876	0 %100
219	M251	X	0	0	0 %100
220	M251	Z	-.896	-.896	0 %100
221	M253	X	0	0	0 %100
222	M253	Z	-3.584	-3.584	0 %100
223	M255	X	0	0	0 %100
224	M255	Z	-.896	-.896	0 %100
225	M261	X	0	0	0 %100
226	M261	Z	-3.503	-3.503	0 %100
227	M266	X	0	0	0 %100
228	M266	Z	-.876	-.876	0 %100





Company : GPD  
 Designer : ENIETO  
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**Member Distributed Loads (BLC 53 : Structure Wi (0 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
229	M271	X	0	0	0	%100
230	M271	Z	-0.876	-0.876	0	%100
231	M284	X	0	0	0	%100
232	M284	Z	-0.896	-0.896	0	%100
233	M286	X	0	0	0	%100
234	M286	Z	-3.584	-3.584	0	%100
235	M288	X	0	0	0	%100
236	M288	Z	-0.896	-0.896	0	%100
237	M290	X	0	0	0	%100
238	M290	Z	-3.492	-3.492	0	%100
239	M291	X	0	0	0	%100
240	M291	Z	-3.055	-3.055	0	%100
241	M274	X	0	0	0	%100
242	M274	Z	-3.779	-3.779	0	%100
243	M275A	X	0	0	0	%100
244	M275A	Z	-3.604	-3.604	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.187	2.187	0	%100
2	M1	Z	-3.789	-3.789	0	%100
3	M2	X	2.187	2.187	0	%100
4	M2	Z	-3.789	-3.789	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	2.123	2.123	0	%100
8	M4	Z	-3.676	-3.676	0	%100
9	M5	X	1.94	1.94	0	%100
10	M5	Z	-3.361	-3.361	0	%100
11	M6	X	1.697	1.697	0	%100
12	M6	Z	-2.939	-2.939	0	%100
13	M7	X	1.73	1.73	0	%100
14	M7	Z	-2.997	-2.997	0	%100
15	M8	X	.739	.739	0	%100
16	M8	Z	-1.279	-1.279	0	%100
17	M9	X	2.353	2.353	0	%100
18	M9	Z	-4.075	-4.075	0	%100
19	M10	X	2.754	2.754	0	%100
20	M10	Z	-4.769	-4.769	0	%100
21	M11	X	1.475	1.475	0	%100
22	M11	Z	-2.556	-2.556	0	%100
23	M12	X	1.613	1.613	0	%100
24	M12	Z	-2.793	-2.793	0	%100
25	M13	X	1.613	1.613	0	%100
26	M13	Z	-2.793	-2.793	0	%100
27	M14	X	1.613	1.613	0	%100
28	M14	Z	-2.793	-2.793	0	%100
29	M15	X	1.613	1.613	0	%100
30	M15	Z	-2.793	-2.793	0	%100
31	M16	X	1.32	1.32	0	%100
32	M16	Z	-2.286	-2.286	0	%100
33	M17	X	1.344	1.344	0	%100
34	M17	Z	-2.327	-2.327	0	%100
35	M18	X	1.32	1.32	0	%100
36	M18	Z	-2.286	-2.286	0	%100
37	M19	X	0	0	0	%100







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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
152	MP5.5B	Z	-3.706	-3.706	0 %100
153	M121	X	1.424	1.424	0 %100
154	M121	Z	-2.467	-2.467	0 %100
155	M122	X	1.424	1.424	0 %100
156	M122	Z	-2.467	-2.467	0 %100
157	M124	X	1.424	1.424	0 %100
158	M124	Z	-2.467	-2.467	0 %100
159	M126	X	1.424	1.424	0 %100
160	M126	Z	-2.467	-2.467	0 %100
161	M127	X	1.424	1.424	0 %100
162	M127	Z	-2.467	-2.467	0 %100
163	M128	X	1.424	1.424	0 %100
164	M128	Z	-2.467	-2.467	0 %100
165	MP0.5C	X	2.14	2.14	0 %100
166	MP0.5C	Z	-3.706	-3.706	0 %100
167	MP1C	X	1.579	1.579	0 %100
168	MP1C	Z	-2.735	-2.735	0 %100
169	MP1.8C	X	1.462	1.462	0 %100
170	MP1.8C	Z	-2.532	-2.532	0 %100
171	MP1.9C	X	1.579	1.579	0 %100
172	MP1.9C	Z	-2.735	-2.735	0 %100
173	MP2C	X	2.14	2.14	0 %100
174	MP2C	Z	-3.706	-3.706	0 %100
175	MP4C	X	2.14	2.14	0 %100
176	MP4C	Z	-3.706	-3.706	0 %100
177	MP4.1C	X	1.579	1.579	0 %100
178	MP4.1C	Z	-2.735	-2.735	0 %100
179	MP5C	X	1.579	1.579	0 %100
180	MP5C	Z	-2.735	-2.735	0 %100
181	MP5.5C	X	2.14	2.14	0 %100
182	MP5.5C	Z	-3.706	-3.706	0 %100
183	M151	X	.356	.356	0 %100
184	M151	Z	-.617	-.617	0 %100
185	M152	X	.356	.356	0 %100
186	M152	Z	-.617	-.617	0 %100
187	M154	X	.356	.356	0 %100
188	M154	Z	-.617	-.617	0 %100
189	M156	X	.356	.356	0 %100
190	M156	Z	-.617	-.617	0 %100
191	M157	X	.356	.356	0 %100
192	M157	Z	-.617	-.617	0 %100
193	M158	X	.356	.356	0 %100
194	M158	Z	-.617	-.617	0 %100
195	MP3C	X	1.579	1.579	0 %100
196	MP3C	Z	-2.735	-2.735	0 %100
197	M218A	X	.356	.356	0 %100
198	M218A	Z	-.617	-.617	0 %100
199	M219A	X	.356	.356	0 %100
200	M219A	Z	-.617	-.617	0 %100
201	M220A	X	1.424	1.424	0 %100
202	M220A	Z	-2.467	-2.467	0 %100
203	M221A	X	1.424	1.424	0 %100
204	M221A	Z	-2.467	-2.467	0 %100
205	M222A	X	.356	.356	0 %100
206	M222A	Z	-.617	-.617	0 %100
207	M223	X	.356	.356	0 %100
208	M223	Z	-.617	-.617	0 %100







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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
75	M62	X	.999	.999	0 %100
76	M62	Z	-.577	-.577	0 %100
77	M63	X	.801	.801	0 %100
78	M63	Z	-.462	-.462	0 %100
79	M64	X	0	0	0 %100
80	M64	Z	0	0	0 %100
81	M65	X	.927	.927	0 %100
82	M65	Z	-.535	-.535	0 %100
83	M66	X	.999	.999	0 %100
84	M66	Z	-.577	-.577	0 %100
85	M67	X	0	0	0 %100
86	M67	Z	0	0	0 %100
87	M68	X	.801	.801	0 %100
88	M68	Z	-.462	-.462	0 %100
89	M69	X	.927	.927	0 %100
90	M69	Z	-.535	-.535	0 %100
91	M70	X	3.998	3.998	0 %100
92	M70	Z	-2.308	-2.308	0 %100
93	M71	X	.801	.801	0 %100
94	M71	Z	-.462	-.462	0 %100
95	M72	X	.801	.801	0 %100
96	M72	Z	-.462	-.462	0 %100
97	M73	X	3.707	3.707	0 %100
98	M73	Z	-2.14	-2.14	0 %100
99	M74	X	.781	.781	0 %100
100	M74	Z	-.451	-.451	0 %100
101	M75	X	.781	.781	0 %100
102	M75	Z	-.451	-.451	0 %100
103	M76	X	3.126	3.126	0 %100
104	M76	Z	-1.805	-1.805	0 %100
105	MP0.5A	X	3.706	3.706	0 %100
106	MP0.5A	Z	-2.14	-2.14	0 %100
107	MP1A	X	2.735	2.735	0 %100
108	MP1A	Z	-1.579	-1.579	0 %100
109	MP1.8A	X	2.532	2.532	0 %100
110	MP1.8A	Z	-1.462	-1.462	0 %100
111	MP1.9A	X	2.735	2.735	0 %100
112	MP1.9A	Z	-1.579	-1.579	0 %100
113	MP2A	X	3.706	3.706	0 %100
114	MP2A	Z	-2.14	-2.14	0 %100
115	MP4A	X	3.706	3.706	0 %100
116	MP4A	Z	-2.14	-2.14	0 %100
117	MP4.1A	X	2.735	2.735	0 %100
118	MP4.1A	Z	-1.579	-1.579	0 %100
119	MP5A	X	2.735	2.735	0 %100
120	MP5A	Z	-1.579	-1.579	0 %100
121	MP5.5A	X	3.706	3.706	0 %100
122	MP5.5A	Z	-2.14	-2.14	0 %100
123	M91	X	1.85	1.85	0 %100
124	M91	Z	-1.068	-1.068	0 %100
125	M92	X	1.85	1.85	0 %100
126	M92	Z	-1.068	-1.068	0 %100
127	M94	X	1.85	1.85	0 %100
128	M94	Z	-1.068	-1.068	0 %100
129	M96	X	1.85	1.85	0 %100
130	M96	Z	-1.068	-1.068	0 %100
131	M97	X	1.85	1.85	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
132	M97	Z	-1.068	-1.068	0 %100
133	M98	X	1.85	1.85	0 %100
134	M98	Z	-1.068	-1.068	0 %100
135	MP0.5B	X	3.706	3.706	0 %100
136	MP0.5B	Z	-2.14	-2.14	0 %100
137	MP1B	X	2.735	2.735	0 %100
138	MP1B	Z	-1.579	-1.579	0 %100
139	MP1.8B	X	2.532	2.532	0 %100
140	MP1.8B	Z	-1.462	-1.462	0 %100
141	MP1.9B	X	2.735	2.735	0 %100
142	MP1.9B	Z	-1.579	-1.579	0 %100
143	MP2B	X	3.706	3.706	0 %100
144	MP2B	Z	-2.14	-2.14	0 %100
145	MP4B	X	3.706	3.706	0 %100
146	MP4B	Z	-2.14	-2.14	0 %100
147	MP4.1B	X	2.735	2.735	0 %100
148	MP4.1B	Z	-1.579	-1.579	0 %100
149	MP5B	X	2.735	2.735	0 %100
150	MP5B	Z	-1.579	-1.579	0 %100
151	MP5.5B	X	3.706	3.706	0 %100
152	MP5.5B	Z	-2.14	-2.14	0 %100
153	M121	X	1.85	1.85	0 %100
154	M121	Z	-1.068	-1.068	0 %100
155	M122	X	1.85	1.85	0 %100
156	M122	Z	-1.068	-1.068	0 %100
157	M124	X	1.85	1.85	0 %100
158	M124	Z	-1.068	-1.068	0 %100
159	M126	X	1.85	1.85	0 %100
160	M126	Z	-1.068	-1.068	0 %100
161	M127	X	1.85	1.85	0 %100
162	M127	Z	-1.068	-1.068	0 %100
163	M128	X	1.85	1.85	0 %100
164	M128	Z	-1.068	-1.068	0 %100
165	MP0.5C	X	3.706	3.706	0 %100
166	MP0.5C	Z	-2.14	-2.14	0 %100
167	MP1C	X	2.735	2.735	0 %100
168	MP1C	Z	-1.579	-1.579	0 %100
169	MP1.8C	X	2.532	2.532	0 %100
170	MP1.8C	Z	-1.462	-1.462	0 %100
171	MP1.9C	X	2.735	2.735	0 %100
172	MP1.9C	Z	-1.579	-1.579	0 %100
173	MP2C	X	3.706	3.706	0 %100
174	MP2C	Z	-2.14	-2.14	0 %100
175	MP4C	X	3.706	3.706	0 %100
176	MP4C	Z	-2.14	-2.14	0 %100
177	MP4.1C	X	2.735	2.735	0 %100
178	MP4.1C	Z	-1.579	-1.579	0 %100
179	MP5C	X	2.735	2.735	0 %100
180	MP5C	Z	-1.579	-1.579	0 %100
181	MP5.5C	X	3.706	3.706	0 %100
182	MP5.5C	Z	-2.14	-2.14	0 %100
183	M151	X	0	0	0 %100
184	M151	Z	0	0	0 %100
185	M152	X	0	0	0 %100
186	M152	Z	0	0	0 %100
187	M154	X	0	0	0 %100
188	M154	Z	0	0	0 %100





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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]	
189	M156	X	0	0	0	%100
190	M156	Z	0	0	0	%100
191	M157	X	0	0	0	%100
192	M157	Z	0	0	0	%100
193	M158	X	0	0	0	%100
194	M158	Z	0	0	0	%100
195	MP3C	X	2.735	2.735	0	%100
196	MP3C	Z	-1.579	-1.579	0	%100
197	M218A	X	1.85	1.85	0	%100
198	M218A	Z	-1.068	-1.068	0	%100
199	M219A	X	1.85	1.85	0	%100
200	M219A	Z	-1.068	-1.068	0	%100
201	M220A	X	1.85	1.85	0	%100
202	M220A	Z	-1.068	-1.068	0	%100
203	M221A	X	1.85	1.85	0	%100
204	M221A	Z	-1.068	-1.068	0	%100
205	M222A	X	0	0	0	%100
206	M222A	Z	0	0	0	%100
207	M223	X	0	0	0	%100
208	M223	Z	0	0	0	%100
209	M218B	X	2.881	2.881	0	%100
210	M218B	Z	-1.663	-1.663	0	%100
211	M219B	X	2.881	2.881	0	%100
212	M219B	Z	-1.663	-1.663	0	%100
213	M228	X	.758	.758	0	%100
214	M228	Z	-.438	-.438	0	%100
215	M233	X	.758	.758	0	%100
216	M233	Z	-.438	-.438	0	%100
217	M238	X	3.034	3.034	0	%100
218	M238	Z	-1.752	-1.752	0	%100
219	M251	X	3.104	3.104	0	%100
220	M251	Z	-1.792	-1.792	0	%100
221	M253	X	.776	.776	0	%100
222	M253	Z	-.448	-.448	0	%100
223	M255	X	.776	.776	0	%100
224	M255	Z	-.448	-.448	0	%100
225	M261	X	.758	.758	0	%100
226	M261	Z	-.438	-.438	0	%100
227	M266	X	.758	.758	0	%100
228	M266	Z	-.438	-.438	0	%100
229	M271	X	3.034	3.034	0	%100
230	M271	Z	-1.752	-1.752	0	%100
231	M284	X	3.104	3.104	0	%100
232	M284	Z	-1.792	-1.792	0	%100
233	M286	X	.776	.776	0	%100
234	M286	Z	-.448	-.448	0	%100
235	M288	X	.776	.776	0	%100
236	M288	Z	-.448	-.448	0	%100
237	M290	X	.342	.342	0	%100
238	M290	Z	-.197	-.197	0	%100
239	M291	X	3.274	3.274	0	%100
240	M291	Z	-1.89	-1.89	0	%100
241	M274	X	1.445	1.445	0	%100
242	M274	Z	-.834	-.834	0	%100
243	M275A	X	3.492	3.492	0	%100
244	M275A	Z	-2.016	-2.016	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.375	4.375	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	4.375	4.375	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	5.457	5.457	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	3.791	3.791	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	5.242	5.242	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	4.041	4.041	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	3.225	3.225	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	3.225	3.225	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	3.225	3.225	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	3.225	3.225	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	2.951	2.951	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	3.225	3.225	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	3.225	3.225	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	3.225	3.225	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	3.225	3.225	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	2.639	2.639	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	2.687	2.687	0	%100
50	M25	Z	0	0	0	%100
51	M26	X	2.639	2.639	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	2.951	2.951	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	3.225	3.225	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	3.225	3.225	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	M29	Z	0	0	%100
59	M30	X	3.225	3.225	%100
60	M30	Z	0	0	%100
61	M31	X	3.225	3.225	%100
62	M31	Z	0	0	%100
63	M32	X	2.639	2.639	%100
64	M32	Z	0	0	%100
65	M33	X	2.686	2.686	%100
66	M33	Z	0	0	%100
67	M34	X	2.641	2.641	%100
68	M34	Z	0	0	%100
69	M35	X	7.496	7.496	%100
70	M35	Z	0	0	%100
71	M36	X	7.496	7.496	%100
72	M36	Z	0	0	%100
73	M37	X	7.496	7.496	%100
74	M37	Z	0	0	%100
75	M62	X	0	0	%100
76	M62	Z	0	0	%100
77	M63	X	.308	.308	%100
78	M63	Z	0	0	%100
79	M64	X	.308	.308	%100
80	M64	Z	0	0	%100
81	M65	X	0	0	%100
82	M65	Z	0	0	%100
83	M66	X	3.462	3.462	%100
84	M66	Z	0	0	%100
85	M67	X	.308	.308	%100
86	M67	Z	0	0	%100
87	M68	X	1.233	1.233	%100
88	M68	Z	0	0	%100
89	M69	X	3.21	3.21	%100
90	M69	Z	0	0	%100
91	M70	X	3.462	3.462	%100
92	M70	Z	0	0	%100
93	M71	X	1.233	1.233	%100
94	M71	Z	0	0	%100
95	M72	X	.308	.308	%100
96	M72	Z	0	0	%100
97	M73	X	3.21	3.21	%100
98	M73	Z	0	0	%100
99	M74	X	0	0	%100
100	M74	Z	0	0	%100
101	M75	X	2.707	2.707	%100
102	M75	Z	0	0	%100
103	M76	X	2.707	2.707	%100
104	M76	Z	0	0	%100
105	MP0.5A	X	4.28	4.28	%100
106	MP0.5A	Z	0	0	%100
107	MP1A	X	3.158	3.158	%100
108	MP1A	Z	0	0	%100
109	MP1.8A	X	2.923	2.923	%100
110	MP1.8A	Z	0	0	%100
111	MP1.9A	X	3.158	3.158	%100
112	MP1.9A	Z	0	0	%100
113	MP2A	X	4.28	4.28	%100
114	MP2A	Z	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
115	MP4A	X	4.28	4.28	0 %100
116	MP4A	Z	0	0	0 %100
117	MP4.1A	X	3.158	3.158	0 %100
118	MP4.1A	Z	0	0	0 %100
119	MP5A	X	3.158	3.158	0 %100
120	MP5A	Z	0	0	0 %100
121	MP5.5A	X	4.28	4.28	0 %100
122	MP5.5A	Z	0	0	0 %100
123	M91	X	2.848	2.848	0 %100
124	M91	Z	0	0	0 %100
125	M92	X	2.848	2.848	0 %100
126	M92	Z	0	0	0 %100
127	M94	X	2.848	2.848	0 %100
128	M94	Z	0	0	0 %100
129	M96	X	2.848	2.848	0 %100
130	M96	Z	0	0	0 %100
131	M97	X	2.848	2.848	0 %100
132	M97	Z	0	0	0 %100
133	M98	X	2.848	2.848	0 %100
134	M98	Z	0	0	0 %100
135	MP0.5B	X	4.28	4.28	0 %100
136	MP0.5B	Z	0	0	0 %100
137	MP1B	X	3.158	3.158	0 %100
138	MP1B	Z	0	0	0 %100
139	MP1.8B	X	2.923	2.923	0 %100
140	MP1.8B	Z	0	0	0 %100
141	MP1.9B	X	3.158	3.158	0 %100
142	MP1.9B	Z	0	0	0 %100
143	MP2B	X	4.28	4.28	0 %100
144	MP2B	Z	0	0	0 %100
145	MP4B	X	4.28	4.28	0 %100
146	MP4B	Z	0	0	0 %100
147	MP4.1B	X	3.158	3.158	0 %100
148	MP4.1B	Z	0	0	0 %100
149	MP5B	X	3.158	3.158	0 %100
150	MP5B	Z	0	0	0 %100
151	MP5.5B	X	4.28	4.28	0 %100
152	MP5.5B	Z	0	0	0 %100
153	M121	X	.712	.712	0 %100
154	M121	Z	0	0	0 %100
155	M122	X	.712	.712	0 %100
156	M122	Z	0	0	0 %100
157	M124	X	.712	.712	0 %100
158	M124	Z	0	0	0 %100
159	M126	X	.712	.712	0 %100
160	M126	Z	0	0	0 %100
161	M127	X	.712	.712	0 %100
162	M127	Z	0	0	0 %100
163	M128	X	.712	.712	0 %100
164	M128	Z	0	0	0 %100
165	MP0.5C	X	4.28	4.28	0 %100
166	MP0.5C	Z	0	0	0 %100
167	MP1C	X	3.158	3.158	0 %100
168	MP1C	Z	0	0	0 %100
169	MP1.8C	X	2.923	2.923	0 %100
170	MP1.8C	Z	0	0	0 %100
171	MP1.9C	X	3.158	3.158	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
172	MP1.9C	Z	0	0	%100
173	MP2C	X	4.28	4.28	%100
174	MP2C	Z	0	0	%100
175	MP4C	X	4.28	4.28	%100
176	MP4C	Z	0	0	%100
177	MP4.1C	X	3.158	3.158	%100
178	MP4.1C	Z	0	0	%100
179	MP5C	X	3.158	3.158	%100
180	MP5C	Z	0	0	%100
181	MP5.5C	X	4.28	4.28	%100
182	MP5.5C	Z	0	0	%100
183	M151	X	.712	.712	%100
184	M151	Z	0	0	%100
185	M152	X	.712	.712	%100
186	M152	Z	0	0	%100
187	M154	X	.712	.712	%100
188	M154	Z	0	0	%100
189	M156	X	.712	.712	%100
190	M156	Z	0	0	%100
191	M157	X	.712	.712	%100
192	M157	Z	0	0	%100
193	M158	X	.712	.712	%100
194	M158	Z	0	0	%100
195	MP3C	X	3.158	3.158	%100
196	MP3C	Z	0	0	%100
197	M218A	X	2.848	2.848	%100
198	M218A	Z	0	0	%100
199	M219A	X	2.848	2.848	%100
200	M219A	Z	0	0	%100
201	M220A	X	.712	.712	%100
202	M220A	Z	0	0	%100
203	M221A	X	.712	.712	%100
204	M221A	Z	0	0	%100
205	M222A	X	.712	.712	%100
206	M222A	Z	0	0	%100
207	M223	X	.712	.712	%100
208	M223	Z	0	0	%100
209	M218B	X	.077	.077	%100
210	M218B	Z	0	0	%100
211	M219B	X	.077	.077	%100
212	M219B	Z	0	0	%100
213	M228	X	0	0	%100
214	M228	Z	0	0	%100
215	M233	X	2.627	2.627	%100
216	M233	Z	0	0	%100
217	M238	X	2.627	2.627	%100
218	M238	Z	0	0	%100
219	M251	X	2.688	2.688	%100
220	M251	Z	0	0	%100
221	M253	X	0	0	%100
222	M253	Z	0	0	%100
223	M255	X	2.688	2.688	%100
224	M255	Z	0	0	%100
225	M261	X	0	0	%100
226	M261	Z	0	0	%100
227	M266	X	2.627	2.627	%100
228	M266	Z	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
229	M271	X	2.627	2.627	0	%100
230	M271	Z	0	0	0	%100
231	M284	X	2.688	2.688	0	%100
232	M284	Z	0	0	0	%100
233	M286	X	0	0	0	%100
234	M286	Z	0	0	0	%100
235	M288	X	2.688	2.688	0	%100
236	M288	Z	0	0	0	%100
237	M290	X	1.295	1.295	0	%100
238	M290	Z	0	0	0	%100
239	M291	X	1.92	1.92	0	%100
240	M291	Z	0	0	0	%100
241	M274	X	2.282	2.282	0	%100
242	M274	Z	0	0	0	%100
243	M275A	X	2.934	2.934	0	%100
244	M275A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.263	1.263	0	%100
2	M1	Z	.729	.729	0	%100
3	M2	X	1.263	1.263	0	%100
4	M2	Z	.729	.729	0	%100
5	M3	X	5.052	5.052	0	%100
6	M3	Z	2.917	2.917	0	%100
7	M4	X	1.225	1.225	0	%100
8	M4	Z	.708	.708	0	%100
9	M5	X	1.12	1.12	0	%100
10	M5	Z	.647	.647	0	%100
11	M6	X	.98	.98	0	%100
12	M6	Z	.566	.566	0	%100
13	M7	X	4.527	4.527	0	%100
14	M7	Z	2.614	2.614	0	%100
15	M8	X	5.068	5.068	0	%100
16	M8	Z	2.926	2.926	0	%100
17	M9	X	3.975	3.975	0	%100
18	M9	Z	2.295	2.295	0	%100
19	M10	X	1.417	1.417	0	%100
20	M10	Z	.818	.818	0	%100
21	M11	X	.852	.852	0	%100
22	M11	Z	.492	.492	0	%100
23	M12	X	2.793	2.793	0	%100
24	M12	Z	1.613	1.613	0	%100
25	M13	X	2.793	2.793	0	%100
26	M13	Z	1.613	1.613	0	%100
27	M14	X	2.793	2.793	0	%100
28	M14	Z	1.613	1.613	0	%100
29	M15	X	2.793	2.793	0	%100
30	M15	Z	1.613	1.613	0	%100
31	M16	X	.762	.762	0	%100
32	M16	Z	.44	.44	0	%100
33	M17	X	.776	.776	0	%100
34	M17	Z	.448	.448	0	%100
35	M18	X	.762	.762	0	%100
36	M18	Z	.44	.44	0	%100
37	M19	X	3.407	3.407	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
38	M19	Z	1.967	1.967	0 %100
39	M20	X	2.793	2.793	0 %100
40	M20	Z	1.613	1.613	0 %100
41	M21	X	2.793	2.793	0 %100
42	M21	Z	1.613	1.613	0 %100
43	M22	X	2.793	2.793	0 %100
44	M22	Z	1.613	1.613	0 %100
45	M23	X	2.793	2.793	0 %100
46	M23	Z	1.613	1.613	0 %100
47	M24	X	3.048	3.048	0 %100
48	M24	Z	1.76	1.76	0 %100
49	M25	X	3.103	3.103	0 %100
50	M25	Z	1.791	1.791	0 %100
51	M26	X	3.048	3.048	0 %100
52	M26	Z	1.76	1.76	0 %100
53	M27	X	.852	.852	0 %100
54	M27	Z	.492	.492	0 %100
55	M28	X	2.793	2.793	0 %100
56	M28	Z	1.613	1.613	0 %100
57	M29	X	2.793	2.793	0 %100
58	M29	Z	1.613	1.613	0 %100
59	M30	X	2.793	2.793	0 %100
60	M30	Z	1.613	1.613	0 %100
61	M31	X	2.793	2.793	0 %100
62	M31	Z	1.613	1.613	0 %100
63	M32	X	.762	.762	0 %100
64	M32	Z	.44	.44	0 %100
65	M33	X	.775	.775	0 %100
66	M33	Z	.448	.448	0 %100
67	M34	X	.762	.762	0 %100
68	M34	Z	.44	.44	0 %100
69	M35	X	6.492	6.492	0 %100
70	M35	Z	3.748	3.748	0 %100
71	M36	X	6.492	6.492	0 %100
72	M36	Z	3.748	3.748	0 %100
73	M37	X	6.492	6.492	0 %100
74	M37	Z	3.748	3.748	0 %100
75	M62	X	.999	.999	0 %100
76	M62	Z	.577	.577	0 %100
77	M63	X	0	0	0 %100
78	M63	Z	0	0	0 %100
79	M64	X	.801	.801	0 %100
80	M64	Z	.462	.462	0 %100
81	M65	X	.927	.927	0 %100
82	M65	Z	.535	.535	0 %100
83	M66	X	3.998	3.998	0 %100
84	M66	Z	2.308	2.308	0 %100
85	M67	X	.801	.801	0 %100
86	M67	Z	.462	.462	0 %100
87	M68	X	.801	.801	0 %100
88	M68	Z	.462	.462	0 %100
89	M69	X	3.707	3.707	0 %100
90	M69	Z	2.14	2.14	0 %100
91	M70	X	.999	.999	0 %100
92	M70	Z	.577	.577	0 %100
93	M71	X	.801	.801	0 %100
94	M71	Z	.462	.462	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
95	M72	X	0	0	%100
96	M72	Z	0	0	%100
97	M73	X	.927	.927	%100
98	M73	Z	.535	.535	%100
99	M74	X	.781	.781	%100
100	M74	Z	.451	.451	%100
101	M75	X	3.126	3.126	%100
102	M75	Z	1.805	1.805	%100
103	M76	X	.781	.781	%100
104	M76	Z	.451	.451	%100
105	MP0.5A	X	3.706	3.706	%100
106	MP0.5A	Z	2.14	2.14	%100
107	MP1A	X	2.735	2.735	%100
108	MP1A	Z	1.579	1.579	%100
109	MP1.8A	X	2.532	2.532	%100
110	MP1.8A	Z	1.462	1.462	%100
111	MP1.9A	X	2.735	2.735	%100
112	MP1.9A	Z	1.579	1.579	%100
113	MP2A	X	3.706	3.706	%100
114	MP2A	Z	2.14	2.14	%100
115	MP4A	X	3.706	3.706	%100
116	MP4A	Z	2.14	2.14	%100
117	MP4.1A	X	2.735	2.735	%100
118	MP4.1A	Z	1.579	1.579	%100
119	MP5A	X	2.735	2.735	%100
120	MP5A	Z	1.579	1.579	%100
121	MP5.5A	X	3.706	3.706	%100
122	MP5.5A	Z	2.14	2.14	%100
123	M91	X	1.85	1.85	%100
124	M91	Z	1.068	1.068	%100
125	M92	X	1.85	1.85	%100
126	M92	Z	1.068	1.068	%100
127	M94	X	1.85	1.85	%100
128	M94	Z	1.068	1.068	%100
129	M96	X	1.85	1.85	%100
130	M96	Z	1.068	1.068	%100
131	M97	X	1.85	1.85	%100
132	M97	Z	1.068	1.068	%100
133	M98	X	1.85	1.85	%100
134	M98	Z	1.068	1.068	%100
135	MP0.5B	X	3.706	3.706	%100
136	MP0.5B	Z	2.14	2.14	%100
137	MP1B	X	2.735	2.735	%100
138	MP1B	Z	1.579	1.579	%100
139	MP1.8B	X	2.532	2.532	%100
140	MP1.8B	Z	1.462	1.462	%100
141	MP1.9B	X	2.735	2.735	%100
142	MP1.9B	Z	1.579	1.579	%100
143	MP2B	X	3.706	3.706	%100
144	MP2B	Z	2.14	2.14	%100
145	MP4B	X	3.706	3.706	%100
146	MP4B	Z	2.14	2.14	%100
147	MP4.1B	X	2.735	2.735	%100
148	MP4.1B	Z	1.579	1.579	%100
149	MP5B	X	2.735	2.735	%100
150	MP5B	Z	1.579	1.579	%100
151	MP5.5B	X	3.706	3.706	%100









Company : GPD  
 Designer : ENIETO  
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**Member Distributed Loads (BLC 58 : Structure Wi (150 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
18	M9	Z	3.461	3.461	0 %100
19	M10	X	.583	.583	0 %100
20	M10	Z	1.01	1.01	0 %100
21	M11	X	1.475	1.475	0 %100
22	M11	Z	2.556	2.556	0 %100
23	M12	X	1.613	1.613	0 %100
24	M12	Z	2.793	2.793	0 %100
25	M13	X	1.613	1.613	0 %100
26	M13	Z	2.793	2.793	0 %100
27	M14	X	1.613	1.613	0 %100
28	M14	Z	2.793	2.793	0 %100
29	M15	X	1.613	1.613	0 %100
30	M15	Z	2.793	2.793	0 %100
31	M16	X	1.32	1.32	0 %100
32	M16	Z	2.286	2.286	0 %100
33	M17	X	1.344	1.344	0 %100
34	M17	Z	2.327	2.327	0 %100
35	M18	X	1.32	1.32	0 %100
36	M18	Z	2.286	2.286	0 %100
37	M19	X	1.475	1.475	0 %100
38	M19	Z	2.556	2.556	0 %100
39	M20	X	1.613	1.613	0 %100
40	M20	Z	2.793	2.793	0 %100
41	M21	X	1.613	1.613	0 %100
42	M21	Z	2.793	2.793	0 %100
43	M22	X	1.613	1.613	0 %100
44	M22	Z	2.793	2.793	0 %100
45	M23	X	1.613	1.613	0 %100
46	M23	Z	2.793	2.793	0 %100
47	M24	X	1.32	1.32	0 %100
48	M24	Z	2.286	2.286	0 %100
49	M25	X	1.344	1.344	0 %100
50	M25	Z	2.327	2.327	0 %100
51	M26	X	1.32	1.32	0 %100
52	M26	Z	2.286	2.286	0 %100
53	M27	X	0	0	0 %100
54	M27	Z	0	0	0 %100
55	M28	X	1.613	1.613	0 %100
56	M28	Z	2.793	2.793	0 %100
57	M29	X	1.613	1.613	0 %100
58	M29	Z	2.793	2.793	0 %100
59	M30	X	1.613	1.613	0 %100
60	M30	Z	2.793	2.793	0 %100
61	M31	X	1.613	1.613	0 %100
62	M31	Z	2.793	2.793	0 %100
63	M32	X	0	0	0 %100
64	M32	Z	0	0	0 %100
65	M33	X	0	0	0 %100
66	M33	Z	0	0	0 %100
67	M34	X	0	0	0 %100
68	M34	Z	0	0	0 %100
69	M35	X	3.748	3.748	0 %100
70	M35	Z	6.492	6.492	0 %100
71	M36	X	3.748	3.748	0 %100
72	M36	Z	6.492	6.492	0 %100
73	M37	X	3.748	3.748	0 %100
74	M37	Z	6.492	6.492	0 %100



Company : GPD  
 Designer : ENIETO  
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**Member Distributed Loads (BLC 58 : Structure Wi (150 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
75	M62	X	1.731	1.731	0 %100
76	M62	Z	2.998	2.998	0 %100
77	M63	X	.154	.154	0 %100
78	M63	Z	.267	.267	0 %100
79	M64	X	.616	.616	0 %100
80	M64	Z	1.068	1.068	0 %100
81	M65	X	1.605	1.605	0 %100
82	M65	Z	2.78	2.78	0 %100
83	M66	X	1.731	1.731	0 %100
84	M66	Z	2.998	2.998	0 %100
85	M67	X	.616	.616	0 %100
86	M67	Z	1.068	1.068	0 %100
87	M68	X	.154	.154	0 %100
88	M68	Z	.267	.267	0 %100
89	M69	X	1.605	1.605	0 %100
90	M69	Z	2.78	2.78	0 %100
91	M70	X	0	0	0 %100
92	M70	Z	0	0	0 %100
93	M71	X	.154	.154	0 %100
94	M71	Z	.267	.267	0 %100
95	M72	X	.154	.154	0 %100
96	M72	Z	.267	.267	0 %100
97	M73	X	0	0	0 %100
98	M73	Z	0	0	0 %100
99	M74	X	1.353	1.353	0 %100
100	M74	Z	2.344	2.344	0 %100
101	M75	X	1.353	1.353	0 %100
102	M75	Z	2.344	2.344	0 %100
103	M76	X	0	0	0 %100
104	M76	Z	0	0	0 %100
105	MP0.5A	X	2.14	2.14	0 %100
106	MP0.5A	Z	3.706	3.706	0 %100
107	MP1A	X	1.579	1.579	0 %100
108	MP1A	Z	2.735	2.735	0 %100
109	MP1.8A	X	1.462	1.462	0 %100
110	MP1.8A	Z	2.532	2.532	0 %100
111	MP1.9A	X	1.579	1.579	0 %100
112	MP1.9A	Z	2.735	2.735	0 %100
113	MP2A	X	2.14	2.14	0 %100
114	MP2A	Z	3.706	3.706	0 %100
115	MP4A	X	2.14	2.14	0 %100
116	MP4A	Z	3.706	3.706	0 %100
117	MP4.1A	X	1.579	1.579	0 %100
118	MP4.1A	Z	2.735	2.735	0 %100
119	MP5A	X	1.579	1.579	0 %100
120	MP5A	Z	2.735	2.735	0 %100
121	MP5.5A	X	2.14	2.14	0 %100
122	MP5.5A	Z	3.706	3.706	0 %100
123	M91	X	.356	.356	0 %100
124	M91	Z	.617	.617	0 %100
125	M92	X	.356	.356	0 %100
126	M92	Z	.617	.617	0 %100
127	M94	X	.356	.356	0 %100
128	M94	Z	.617	.617	0 %100
129	M96	X	.356	.356	0 %100
130	M96	Z	.617	.617	0 %100
131	M97	X	.356	.356	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
132	M97	Z	.617	.617	0 %100
133	M98	X	.356	.356	0 %100
134	M98	Z	.617	.617	0 %100
135	MP0.5B	X	2.14	2.14	0 %100
136	MP0.5B	Z	3.706	3.706	0 %100
137	MP1B	X	1.579	1.579	0 %100
138	MP1B	Z	2.735	2.735	0 %100
139	MP1.8B	X	1.462	1.462	0 %100
140	MP1.8B	Z	2.532	2.532	0 %100
141	MP1.9B	X	1.579	1.579	0 %100
142	MP1.9B	Z	2.735	2.735	0 %100
143	MP2B	X	2.14	2.14	0 %100
144	MP2B	Z	3.706	3.706	0 %100
145	MP4B	X	2.14	2.14	0 %100
146	MP4B	Z	3.706	3.706	0 %100
147	MP4.1B	X	1.579	1.579	0 %100
148	MP4.1B	Z	2.735	2.735	0 %100
149	MP5B	X	1.579	1.579	0 %100
150	MP5B	Z	2.735	2.735	0 %100
151	MP5.5B	X	2.14	2.14	0 %100
152	MP5.5B	Z	3.706	3.706	0 %100
153	M121	X	.356	.356	0 %100
154	M121	Z	.617	.617	0 %100
155	M122	X	.356	.356	0 %100
156	M122	Z	.617	.617	0 %100
157	M124	X	.356	.356	0 %100
158	M124	Z	.617	.617	0 %100
159	M126	X	.356	.356	0 %100
160	M126	Z	.617	.617	0 %100
161	M127	X	.356	.356	0 %100
162	M127	Z	.617	.617	0 %100
163	M128	X	.356	.356	0 %100
164	M128	Z	.617	.617	0 %100
165	MP0.5C	X	2.14	2.14	0 %100
166	MP0.5C	Z	3.706	3.706	0 %100
167	MP1C	X	1.579	1.579	0 %100
168	MP1C	Z	2.735	2.735	0 %100
169	MP1.8C	X	1.462	1.462	0 %100
170	MP1.8C	Z	2.532	2.532	0 %100
171	MP1.9C	X	1.579	1.579	0 %100
172	MP1.9C	Z	2.735	2.735	0 %100
173	MP2C	X	2.14	2.14	0 %100
174	MP2C	Z	3.706	3.706	0 %100
175	MP4C	X	2.14	2.14	0 %100
176	MP4C	Z	3.706	3.706	0 %100
177	MP4.1C	X	1.579	1.579	0 %100
178	MP4.1C	Z	2.735	2.735	0 %100
179	MP5C	X	1.579	1.579	0 %100
180	MP5C	Z	2.735	2.735	0 %100
181	MP5.5C	X	2.14	2.14	0 %100
182	MP5.5C	Z	3.706	3.706	0 %100
183	M151	X	1.424	1.424	0 %100
184	M151	Z	2.467	2.467	0 %100
185	M152	X	1.424	1.424	0 %100
186	M152	Z	2.467	2.467	0 %100
187	M154	X	1.424	1.424	0 %100
188	M154	Z	2.467	2.467	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
189	M156	X	1.424	1.424	0 %100
190	M156	Z	2.467	2.467	0 %100
191	M157	X	1.424	1.424	0 %100
192	M157	Z	2.467	2.467	0 %100
193	M158	X	1.424	1.424	0 %100
194	M158	Z	2.467	2.467	0 %100
195	MP3C	X	1.579	1.579	0 %100
196	MP3C	Z	2.735	2.735	0 %100
197	M218A	X	.356	.356	0 %100
198	M218A	Z	.617	.617	0 %100
199	M219A	X	.356	.356	0 %100
200	M219A	Z	.617	.617	0 %100
201	M220A	X	.356	.356	0 %100
202	M220A	Z	.617	.617	0 %100
203	M221A	X	.356	.356	0 %100
204	M221A	Z	.617	.617	0 %100
205	M222A	X	1.424	1.424	0 %100
206	M222A	Z	2.467	2.467	0 %100
207	M223	X	1.424	1.424	0 %100
208	M223	Z	2.467	2.467	0 %100
209	M218B	X	3.392	3.392	0 %100
210	M218B	Z	5.875	5.875	0 %100
211	M219B	X	3.392	3.392	0 %100
212	M219B	Z	5.875	5.875	0 %100
213	M228	X	1.314	1.314	0 %100
214	M228	Z	2.275	2.275	0 %100
215	M233	X	1.314	1.314	0 %100
216	M233	Z	2.275	2.275	0 %100
217	M238	X	0	0	0 %100
218	M238	Z	0	0	0 %100
219	M251	X	0	0	0 %100
220	M251	Z	0	0	0 %100
221	M253	X	1.344	1.344	0 %100
222	M253	Z	2.328	2.328	0 %100
223	M255	X	1.344	1.344	0 %100
224	M255	Z	2.328	2.328	0 %100
225	M261	X	1.314	1.314	0 %100
226	M261	Z	2.275	2.275	0 %100
227	M266	X	1.314	1.314	0 %100
228	M266	Z	2.275	2.275	0 %100
229	M271	X	0	0	0 %100
230	M271	Z	0	0	0 %100
231	M284	X	0	0	0 %100
232	M284	Z	0	0	0 %100
233	M286	X	1.344	1.344	0 %100
234	M286	Z	2.328	2.328	0 %100
235	M288	X	1.344	1.344	0 %100
236	M288	Z	2.328	2.328	0 %100
237	M290	X	2.196	2.196	0 %100
238	M290	Z	3.803	3.803	0 %100
239	M291	X	.597	.597	0 %100
240	M291	Z	1.034	1.034	0 %100
241	M274	X	2.196	2.196	0 %100
242	M274	Z	3.804	3.804	0 %100
243	M275A	X	1.252	1.252	0 %100
244	M275A	Z	2.169	2.169	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	1.458	1.458	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	5.833	5.833	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	1.458	1.458	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	5.66	5.66	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	5.174	5.174	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	4.525	4.525	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	3.23	3.23	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	3.539	3.539	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	4.054	4.054	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	3.102	3.102	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	3.935	3.935	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	3.225	3.225	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	3.225	3.225	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	3.225	3.225	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	3.225	3.225	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	3.519	3.519	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	3.583	3.583	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	3.519	3.519	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	.984	.984	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	3.225	3.225	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	3.225	3.225	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	3.225	3.225	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	3.225	3.225	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	.88	.88	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	.896	.896	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	.88	.88	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	.984	.984	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	3.225	3.225	0	%100
57	M29	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	M29	Z	3.225	3.225	0 %100
59	M30	X	0	0	0 %100
60	M30	Z	3.225	3.225	0 %100
61	M31	X	0	0	0 %100
62	M31	Z	3.225	3.225	0 %100
63	M32	X	0	0	0 %100
64	M32	Z	.88	.88	0 %100
65	M33	X	0	0	0 %100
66	M33	Z	.895	.895	0 %100
67	M34	X	0	0	0 %100
68	M34	Z	.88	.88	0 %100
69	M35	X	0	0	0 %100
70	M35	Z	7.496	7.496	0 %100
71	M36	X	0	0	0 %100
72	M36	Z	7.496	7.496	0 %100
73	M37	X	0	0	0 %100
74	M37	Z	7.496	7.496	0 %100
75	M62	X	0	0	0 %100
76	M62	Z	4.616	4.616	0 %100
77	M63	X	0	0	0 %100
78	M63	Z	.925	.925	0 %100
79	M64	X	0	0	0 %100
80	M64	Z	.925	.925	0 %100
81	M65	X	0	0	0 %100
82	M65	Z	4.28	4.28	0 %100
83	M66	X	0	0	0 %100
84	M66	Z	1.154	1.154	0 %100
85	M67	X	0	0	0 %100
86	M67	Z	.925	.925	0 %100
87	M68	X	0	0	0 %100
88	M68	Z	0	0	0 %100
89	M69	X	0	0	0 %100
90	M69	Z	1.07	1.07	0 %100
91	M70	X	0	0	0 %100
92	M70	Z	1.154	1.154	0 %100
93	M71	X	0	0	0 %100
94	M71	Z	0	0	0 %100
95	M72	X	0	0	0 %100
96	M72	Z	.925	.925	0 %100
97	M73	X	0	0	0 %100
98	M73	Z	1.07	1.07	0 %100
99	M74	X	0	0	0 %100
100	M74	Z	3.609	3.609	0 %100
101	M75	X	0	0	0 %100
102	M75	Z	.902	.902	0 %100
103	M76	X	0	0	0 %100
104	M76	Z	.902	.902	0 %100
105	MP0.5A	X	0	0	0 %100
106	MP0.5A	Z	4.28	4.28	0 %100
107	MP1A	X	0	0	0 %100
108	MP1A	Z	3.158	3.158	0 %100
109	MP1.8A	X	0	0	0 %100
110	MP1.8A	Z	2.923	2.923	0 %100
111	MP1.9A	X	0	0	0 %100
112	MP1.9A	Z	3.158	3.158	0 %100
113	MP2A	X	0	0	0 %100
114	MP2A	Z	4.28	4.28	0 %100





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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
115	MP4A	X	0	0	%100
116	MP4A	Z	4.28	4.28	%100
117	MP4.1A	X	0	0	%100
118	MP4.1A	Z	3.158	3.158	%100
119	MP5A	X	0	0	%100
120	MP5A	Z	3.158	3.158	%100
121	MP5.5A	X	0	0	%100
122	MP5.5A	Z	4.28	4.28	%100
123	M91	X	0	0	%100
124	M91	Z	0	0	%100
125	M92	X	0	0	%100
126	M92	Z	0	0	%100
127	M94	X	0	0	%100
128	M94	Z	0	0	%100
129	M96	X	0	0	%100
130	M96	Z	0	0	%100
131	M97	X	0	0	%100
132	M97	Z	0	0	%100
133	M98	X	0	0	%100
134	M98	Z	0	0	%100
135	MP0.5B	X	0	0	%100
136	MP0.5B	Z	4.28	4.28	%100
137	MP1B	X	0	0	%100
138	MP1B	Z	3.158	3.158	%100
139	MP1.8B	X	0	0	%100
140	MP1.8B	Z	2.923	2.923	%100
141	MP1.9B	X	0	0	%100
142	MP1.9B	Z	3.158	3.158	%100
143	MP2B	X	0	0	%100
144	MP2B	Z	4.28	4.28	%100
145	MP4B	X	0	0	%100
146	MP4B	Z	4.28	4.28	%100
147	MP4.1B	X	0	0	%100
148	MP4.1B	Z	3.158	3.158	%100
149	MP5B	X	0	0	%100
150	MP5B	Z	3.158	3.158	%100
151	MP5.5B	X	0	0	%100
152	MP5.5B	Z	4.28	4.28	%100
153	M121	X	0	0	%100
154	M121	Z	2.136	2.136	%100
155	M122	X	0	0	%100
156	M122	Z	2.136	2.136	%100
157	M124	X	0	0	%100
158	M124	Z	2.136	2.136	%100
159	M126	X	0	0	%100
160	M126	Z	2.136	2.136	%100
161	M127	X	0	0	%100
162	M127	Z	2.136	2.136	%100
163	M128	X	0	0	%100
164	M128	Z	2.136	2.136	%100
165	MP0.5C	X	0	0	%100
166	MP0.5C	Z	4.28	4.28	%100
167	MP1C	X	0	0	%100
168	MP1C	Z	3.158	3.158	%100
169	MP1.8C	X	0	0	%100
170	MP1.8C	Z	2.923	2.923	%100
171	MP1.9C	X	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
172	MP1.9C	Z	3.158	3.158	0 %100
173	MP2C	X	0	0	0 %100
174	MP2C	Z	4.28	4.28	0 %100
175	MP4C	X	0	0	0 %100
176	MP4C	Z	4.28	4.28	0 %100
177	MP4.1C	X	0	0	0 %100
178	MP4.1C	Z	3.158	3.158	0 %100
179	MP5C	X	0	0	0 %100
180	MP5C	Z	3.158	3.158	0 %100
181	MP5.5C	X	0	0	0 %100
182	MP5.5C	Z	4.28	4.28	0 %100
183	M151	X	0	0	0 %100
184	M151	Z	2.136	2.136	0 %100
185	M152	X	0	0	0 %100
186	M152	Z	2.136	2.136	0 %100
187	M154	X	0	0	0 %100
188	M154	Z	2.136	2.136	0 %100
189	M156	X	0	0	0 %100
190	M156	Z	2.136	2.136	0 %100
191	M157	X	0	0	0 %100
192	M157	Z	2.136	2.136	0 %100
193	M158	X	0	0	0 %100
194	M158	Z	2.136	2.136	0 %100
195	MP3C	X	0	0	0 %100
196	MP3C	Z	3.158	3.158	0 %100
197	M218A	X	0	0	0 %100
198	M218A	Z	0	0	0 %100
199	M219A	X	0	0	0 %100
200	M219A	Z	0	0	0 %100
201	M220A	X	0	0	0 %100
202	M220A	Z	2.136	2.136	0 %100
203	M221A	X	0	0	0 %100
204	M221A	Z	2.136	2.136	0 %100
205	M222A	X	0	0	0 %100
206	M222A	Z	2.136	2.136	0 %100
207	M223	X	0	0	0 %100
208	M223	Z	2.136	2.136	0 %100
209	M218B	X	0	0	0 %100
210	M218B	Z	10.034	10.034	0 %100
211	M219B	X	0	0	0 %100
212	M219B	Z	10.034	10.034	0 %100
213	M228	X	0	0	0 %100
214	M228	Z	3.503	3.503	0 %100
215	M233	X	0	0	0 %100
216	M233	Z	.876	.876	0 %100
217	M238	X	0	0	0 %100
218	M238	Z	.876	.876	0 %100
219	M251	X	0	0	0 %100
220	M251	Z	.896	.896	0 %100
221	M253	X	0	0	0 %100
222	M253	Z	3.584	3.584	0 %100
223	M255	X	0	0	0 %100
224	M255	Z	.896	.896	0 %100
225	M261	X	0	0	0 %100
226	M261	Z	3.503	3.503	0 %100
227	M266	X	0	0	0 %100
228	M266	Z	.876	.876	0 %100



Company : GPD  
 Designer : ENIETO  
 Job Number : Project No. 10084891  
 Model Name : 467684-VZW\_MT\_LO\_H

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
229	M271	X	0	0	%100
230	M271	Z	.876	.876	%100
231	M284	X	0	0	%100
232	M284	Z	.896	.896	%100
233	M286	X	0	0	%100
234	M286	Z	3.584	3.584	%100
235	M288	X	0	0	%100
236	M288	Z	.896	.896	%100
237	M290	X	0	0	%100
238	M290	Z	3.492	3.492	%100
239	M291	X	0	0	%100
240	M291	Z	3.055	3.055	%100
241	M274	X	0	0	%100
242	M274	Z	3.779	3.779	%100
243	M275A	X	0	0	%100
244	M275A	Z	3.604	3.604	%100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]	
1	M1	X	-2.187	-2.187	0	%100
2	M1	Z	3.789	3.789	0	%100
3	M2	X	-2.187	-2.187	0	%100
4	M2	Z	3.789	3.789	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-2.123	-2.123	0	%100
8	M4	Z	3.676	3.676	0	%100
9	M5	X	-1.94	-1.94	0	%100
10	M5	Z	3.361	3.361	0	%100
11	M6	X	-1.697	-1.697	0	%100
12	M6	Z	2.939	2.939	0	%100
13	M7	X	-1.73	-1.73	0	%100
14	M7	Z	2.997	2.997	0	%100
15	M8	X	-.739	-.739	0	%100
16	M8	Z	1.279	1.279	0	%100
17	M9	X	-2.353	-2.353	0	%100
18	M9	Z	4.075	4.075	0	%100
19	M10	X	-2.754	-2.754	0	%100
20	M10	Z	4.769	4.769	0	%100
21	M11	X	-1.475	-1.475	0	%100
22	M11	Z	2.556	2.556	0	%100
23	M12	X	-1.613	-1.613	0	%100
24	M12	Z	2.793	2.793	0	%100
25	M13	X	-1.613	-1.613	0	%100
26	M13	Z	2.793	2.793	0	%100
27	M14	X	-1.613	-1.613	0	%100
28	M14	Z	2.793	2.793	0	%100
29	M15	X	-1.613	-1.613	0	%100
30	M15	Z	2.793	2.793	0	%100
31	M16	X	-1.32	-1.32	0	%100
32	M16	Z	2.286	2.286	0	%100
33	M17	X	-1.344	-1.344	0	%100
34	M17	Z	2.327	2.327	0	%100
35	M18	X	-1.32	-1.32	0	%100
36	M18	Z	2.286	2.286	0	%100
37	M19	X	0	0	0	%100





Company : GPD  
 Designer : ENIETO  
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**Member Distributed Loads (BLC 60 : Structure Wi (210 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
95	M72	X	- .616	- .616	0 %100
96	M72	Z	1.068	1.068	0 %100
97	M73	X	-1.605	-1.605	0 %100
98	M73	Z	2.78	2.78	0 %100
99	M74	X	-1.353	-1.353	0 %100
100	M74	Z	2.344	2.344	0 %100
101	M75	X	0	0	0 %100
102	M75	Z	0	0	0 %100
103	M76	X	-1.353	-1.353	0 %100
104	M76	Z	2.344	2.344	0 %100
105	MP0.5A	X	-2.14	-2.14	0 %100
106	MP0.5A	Z	3.706	3.706	0 %100
107	MP1A	X	-1.579	-1.579	0 %100
108	MP1A	Z	2.735	2.735	0 %100
109	MP1.8A	X	-1.462	-1.462	0 %100
110	MP1.8A	Z	2.532	2.532	0 %100
111	MP1.9A	X	-1.579	-1.579	0 %100
112	MP1.9A	Z	2.735	2.735	0 %100
113	MP2A	X	-2.14	-2.14	0 %100
114	MP2A	Z	3.706	3.706	0 %100
115	MP4A	X	-2.14	-2.14	0 %100
116	MP4A	Z	3.706	3.706	0 %100
117	MP4.1A	X	-1.579	-1.579	0 %100
118	MP4.1A	Z	2.735	2.735	0 %100
119	MP5A	X	-1.579	-1.579	0 %100
120	MP5A	Z	2.735	2.735	0 %100
121	MP5.5A	X	-2.14	-2.14	0 %100
122	MP5.5A	Z	3.706	3.706	0 %100
123	M91	X	-.356	-.356	0 %100
124	M91	Z	.617	.617	0 %100
125	M92	X	-.356	-.356	0 %100
126	M92	Z	.617	.617	0 %100
127	M94	X	-.356	-.356	0 %100
128	M94	Z	.617	.617	0 %100
129	M96	X	-.356	-.356	0 %100
130	M96	Z	.617	.617	0 %100
131	M97	X	-.356	-.356	0 %100
132	M97	Z	.617	.617	0 %100
133	M98	X	-.356	-.356	0 %100
134	M98	Z	.617	.617	0 %100
135	MP0.5B	X	-2.14	-2.14	0 %100
136	MP0.5B	Z	3.706	3.706	0 %100
137	MP1B	X	-1.579	-1.579	0 %100
138	MP1B	Z	2.735	2.735	0 %100
139	MP1.8B	X	-1.462	-1.462	0 %100
140	MP1.8B	Z	2.532	2.532	0 %100
141	MP1.9B	X	-1.579	-1.579	0 %100
142	MP1.9B	Z	2.735	2.735	0 %100
143	MP2B	X	-2.14	-2.14	0 %100
144	MP2B	Z	3.706	3.706	0 %100
145	MP4B	X	-2.14	-2.14	0 %100
146	MP4B	Z	3.706	3.706	0 %100
147	MP4.1B	X	-1.579	-1.579	0 %100
148	MP4.1B	Z	2.735	2.735	0 %100
149	MP5B	X	-1.579	-1.579	0 %100
150	MP5B	Z	2.735	2.735	0 %100
151	MP5.5B	X	-2.14	-2.14	0 %100



Company : GPD  
 Designer : ENIETO  
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**Member Distributed Loads (BLC 60 : Structure Wi (210 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
152	MP5.5B	Z	3.706	3.706	0 %100
153	M121	X	-1.424	-1.424	0 %100
154	M121	Z	2.467	2.467	0 %100
155	M122	X	-1.424	-1.424	0 %100
156	M122	Z	2.467	2.467	0 %100
157	M124	X	-1.424	-1.424	0 %100
158	M124	Z	2.467	2.467	0 %100
159	M126	X	-1.424	-1.424	0 %100
160	M126	Z	2.467	2.467	0 %100
161	M127	X	-1.424	-1.424	0 %100
162	M127	Z	2.467	2.467	0 %100
163	M128	X	-1.424	-1.424	0 %100
164	M128	Z	2.467	2.467	0 %100
165	MP0.5C	X	-2.14	-2.14	0 %100
166	MP0.5C	Z	3.706	3.706	0 %100
167	MP1C	X	-1.579	-1.579	0 %100
168	MP1C	Z	2.735	2.735	0 %100
169	MP1.8C	X	-1.462	-1.462	0 %100
170	MP1.8C	Z	2.532	2.532	0 %100
171	MP1.9C	X	-1.579	-1.579	0 %100
172	MP1.9C	Z	2.735	2.735	0 %100
173	MP2C	X	-2.14	-2.14	0 %100
174	MP2C	Z	3.706	3.706	0 %100
175	MP4C	X	-2.14	-2.14	0 %100
176	MP4C	Z	3.706	3.706	0 %100
177	MP4.1C	X	-1.579	-1.579	0 %100
178	MP4.1C	Z	2.735	2.735	0 %100
179	MP5C	X	-1.579	-1.579	0 %100
180	MP5C	Z	2.735	2.735	0 %100
181	MP5.5C	X	-2.14	-2.14	0 %100
182	MP5.5C	Z	3.706	3.706	0 %100
183	M151	X	-.356	-.356	0 %100
184	M151	Z	.617	.617	0 %100
185	M152	X	-.356	-.356	0 %100
186	M152	Z	.617	.617	0 %100
187	M154	X	-.356	-.356	0 %100
188	M154	Z	.617	.617	0 %100
189	M156	X	-.356	-.356	0 %100
190	M156	Z	.617	.617	0 %100
191	M157	X	-.356	-.356	0 %100
192	M157	Z	.617	.617	0 %100
193	M158	X	-.356	-.356	0 %100
194	M158	Z	.617	.617	0 %100
195	MP3C	X	-1.579	-1.579	0 %100
196	MP3C	Z	2.735	2.735	0 %100
197	M218A	X	-.356	-.356	0 %100
198	M218A	Z	.617	.617	0 %100
199	M219A	X	-.356	-.356	0 %100
200	M219A	Z	.617	.617	0 %100
201	M220A	X	-1.424	-1.424	0 %100
202	M220A	Z	2.467	2.467	0 %100
203	M221A	X	-1.424	-1.424	0 %100
204	M221A	Z	2.467	2.467	0 %100
205	M222A	X	-.356	-.356	0 %100
206	M222A	Z	.617	.617	0 %100
207	M223	X	-.356	-.356	0 %100
208	M223	Z	.617	.617	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
209	M218B	X	-4.152	-4.152	0	%100
210	M218B	Z	7.192	7.192	0	%100
211	M219B	X	-4.152	-4.152	0	%100
212	M219B	Z	7.192	7.192	0	%100
213	M228	X	-1.314	-1.314	0	%100
214	M228	Z	2.275	2.275	0	%100
215	M233	X	0	0	0	%100
216	M233	Z	0	0	0	%100
217	M238	X	-1.314	-1.314	0	%100
218	M238	Z	2.275	2.275	0	%100
219	M251	X	-1.344	-1.344	0	%100
220	M251	Z	2.328	2.328	0	%100
221	M253	X	-1.344	-1.344	0	%100
222	M253	Z	2.328	2.328	0	%100
223	M255	X	0	0	0	%100
224	M255	Z	0	0	0	%100
225	M261	X	-1.314	-1.314	0	%100
226	M261	Z	2.275	2.275	0	%100
227	M266	X	0	0	0	%100
228	M266	Z	0	0	0	%100
229	M271	X	-1.314	-1.314	0	%100
230	M271	Z	2.275	2.275	0	%100
231	M284	X	-1.344	-1.344	0	%100
232	M284	Z	2.328	2.328	0	%100
233	M286	X	-1.344	-1.344	0	%100
234	M286	Z	2.328	2.328	0	%100
235	M288	X	0	0	0	%100
236	M288	Z	0	0	0	%100
237	M290	X	-.747	-.747	0	%100
238	M290	Z	1.293	1.293	0	%100
239	M291	X	-2.174	-2.174	0	%100
240	M291	Z	3.766	3.766	0	%100
241	M274	X	-1.209	-1.209	0	%100
242	M274	Z	2.094	2.094	0	%100
243	M275A	X	-2.184	-2.184	0	%100
244	M275A	Z	3.782	3.782	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-5.052	-5.052	0	%100
2	M1	Z	2.917	2.917	0	%100
3	M2	X	-1.263	-1.263	0	%100
4	M2	Z	.729	.729	0	%100
5	M3	X	-1.263	-1.263	0	%100
6	M3	Z	.729	.729	0	%100
7	M4	X	-1.225	-1.225	0	%100
8	M4	Z	.708	.708	0	%100
9	M5	X	-1.12	-1.12	0	%100
10	M5	Z	.647	.647	0	%100
11	M6	X	-.98	-.98	0	%100
12	M6	Z	.566	.566	0	%100
13	M7	X	-3.961	-3.961	0	%100
14	M7	Z	2.287	2.287	0	%100
15	M8	X	-1.388	-1.388	0	%100
16	M8	Z	.802	.802	0	%100
17	M9	X	-4.59	-4.59	0	%100



Company : GPD  
 Designer : ENIETO  
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**Member Distributed Loads (BLC 61 : Structure Wi (240 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
18	M9	Z	2.65	2.65	0 %100
19	M10	X	-5.176	-5.176	0 %100
20	M10	Z	2.988	2.988	0 %100
21	M11	X	-.852	-.852	0 %100
22	M11	Z	.492	.492	0 %100
23	M12	X	-2.793	-2.793	0 %100
24	M12	Z	1.613	1.613	0 %100
25	M13	X	-2.793	-2.793	0 %100
26	M13	Z	1.613	1.613	0 %100
27	M14	X	-2.793	-2.793	0 %100
28	M14	Z	1.613	1.613	0 %100
29	M15	X	-2.793	-2.793	0 %100
30	M15	Z	1.613	1.613	0 %100
31	M16	X	-.762	-.762	0 %100
32	M16	Z	.44	.44	0 %100
33	M17	X	-.776	-.776	0 %100
34	M17	Z	.448	.448	0 %100
35	M18	X	-.762	-.762	0 %100
36	M18	Z	.44	.44	0 %100
37	M19	X	-.852	-.852	0 %100
38	M19	Z	.492	.492	0 %100
39	M20	X	-2.793	-2.793	0 %100
40	M20	Z	1.613	1.613	0 %100
41	M21	X	-2.793	-2.793	0 %100
42	M21	Z	1.613	1.613	0 %100
43	M22	X	-2.793	-2.793	0 %100
44	M22	Z	1.613	1.613	0 %100
45	M23	X	-2.793	-2.793	0 %100
46	M23	Z	1.613	1.613	0 %100
47	M24	X	-.762	-.762	0 %100
48	M24	Z	.44	.44	0 %100
49	M25	X	-.776	-.776	0 %100
50	M25	Z	.448	.448	0 %100
51	M26	X	-.762	-.762	0 %100
52	M26	Z	.44	.44	0 %100
53	M27	X	-3.407	-3.407	0 %100
54	M27	Z	1.967	1.967	0 %100
55	M28	X	-2.793	-2.793	0 %100
56	M28	Z	1.613	1.613	0 %100
57	M29	X	-2.793	-2.793	0 %100
58	M29	Z	1.613	1.613	0 %100
59	M30	X	-2.793	-2.793	0 %100
60	M30	Z	1.613	1.613	0 %100
61	M31	X	-2.793	-2.793	0 %100
62	M31	Z	1.613	1.613	0 %100
63	M32	X	-3.048	-3.048	0 %100
64	M32	Z	1.76	1.76	0 %100
65	M33	X	-3.101	-3.101	0 %100
66	M33	Z	1.79	1.79	0 %100
67	M34	X	-3.049	-3.049	0 %100
68	M34	Z	1.76	1.76	0 %100
69	M35	X	-6.492	-6.492	0 %100
70	M35	Z	3.748	3.748	0 %100
71	M36	X	-6.492	-6.492	0 %100
72	M36	Z	3.748	3.748	0 %100
73	M37	X	-6.492	-6.492	0 %100
74	M37	Z	3.748	3.748	0 %100





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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
75	M62	X	-999	-999	0 %100
76	M62	Z	.577	.577	0 %100
77	M63	X	-.801	-.801	0 %100
78	M63	Z	.462	.462	0 %100
79	M64	X	0	0	0 %100
80	M64	Z	0	0	0 %100
81	M65	X	-.927	-.927	0 %100
82	M65	Z	.535	.535	0 %100
83	M66	X	-.999	-.999	0 %100
84	M66	Z	.577	.577	0 %100
85	M67	X	0	0	0 %100
86	M67	Z	0	0	0 %100
87	M68	X	-.801	-.801	0 %100
88	M68	Z	.462	.462	0 %100
89	M69	X	-.927	-.927	0 %100
90	M69	Z	.535	.535	0 %100
91	M70	X	-3.998	-3.998	0 %100
92	M70	Z	2.308	2.308	0 %100
93	M71	X	-.801	-.801	0 %100
94	M71	Z	.462	.462	0 %100
95	M72	X	-.801	-.801	0 %100
96	M72	Z	.462	.462	0 %100
97	M73	X	-3.707	-3.707	0 %100
98	M73	Z	2.14	2.14	0 %100
99	M74	X	-.781	-.781	0 %100
100	M74	Z	.451	.451	0 %100
101	M75	X	-.781	-.781	0 %100
102	M75	Z	.451	.451	0 %100
103	M76	X	-3.126	-3.126	0 %100
104	M76	Z	1.805	1.805	0 %100
105	MP0.5A	X	-3.706	-3.706	0 %100
106	MP0.5A	Z	2.14	2.14	0 %100
107	MP1A	X	-2.735	-2.735	0 %100
108	MP1A	Z	1.579	1.579	0 %100
109	MP1.8A	X	-2.532	-2.532	0 %100
110	MP1.8A	Z	1.462	1.462	0 %100
111	MP1.9A	X	-2.735	-2.735	0 %100
112	MP1.9A	Z	1.579	1.579	0 %100
113	MP2A	X	-3.706	-3.706	0 %100
114	MP2A	Z	2.14	2.14	0 %100
115	MP4A	X	-3.706	-3.706	0 %100
116	MP4A	Z	2.14	2.14	0 %100
117	MP4.1A	X	-2.735	-2.735	0 %100
118	MP4.1A	Z	1.579	1.579	0 %100
119	MP5A	X	-2.735	-2.735	0 %100
120	MP5A	Z	1.579	1.579	0 %100
121	MP5.5A	X	-3.706	-3.706	0 %100
122	MP5.5A	Z	2.14	2.14	0 %100
123	M91	X	-1.85	-1.85	0 %100
124	M91	Z	1.068	1.068	0 %100
125	M92	X	-1.85	-1.85	0 %100
126	M92	Z	1.068	1.068	0 %100
127	M94	X	-1.85	-1.85	0 %100
128	M94	Z	1.068	1.068	0 %100
129	M96	X	-1.85	-1.85	0 %100
130	M96	Z	1.068	1.068	0 %100
131	M97	X	-1.85	-1.85	0 %100



Company : GPD  
 Designer : ENIETO  
 Job Number : Project No. 10084891  
 Model Name : 467684-VZW\_MT\_LO\_H

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
132	M97	Z	1.068	1.068	0 %100
133	M98	X	-1.85	-1.85	0 %100
134	M98	Z	1.068	1.068	0 %100
135	MP0.5B	X	-3.706	-3.706	0 %100
136	MP0.5B	Z	2.14	2.14	0 %100
137	MP1B	X	-2.735	-2.735	0 %100
138	MP1B	Z	1.579	1.579	0 %100
139	MP1.8B	X	-2.532	-2.532	0 %100
140	MP1.8B	Z	1.462	1.462	0 %100
141	MP1.9B	X	-2.735	-2.735	0 %100
142	MP1.9B	Z	1.579	1.579	0 %100
143	MP2B	X	-3.706	-3.706	0 %100
144	MP2B	Z	2.14	2.14	0 %100
145	MP4B	X	-3.706	-3.706	0 %100
146	MP4B	Z	2.14	2.14	0 %100
147	MP4.1B	X	-2.735	-2.735	0 %100
148	MP4.1B	Z	1.579	1.579	0 %100
149	MP5B	X	-2.735	-2.735	0 %100
150	MP5B	Z	1.579	1.579	0 %100
151	MP5.5B	X	-3.706	-3.706	0 %100
152	MP5.5B	Z	2.14	2.14	0 %100
153	M121	X	-1.85	-1.85	0 %100
154	M121	Z	1.068	1.068	0 %100
155	M122	X	-1.85	-1.85	0 %100
156	M122	Z	1.068	1.068	0 %100
157	M124	X	-1.85	-1.85	0 %100
158	M124	Z	1.068	1.068	0 %100
159	M126	X	-1.85	-1.85	0 %100
160	M126	Z	1.068	1.068	0 %100
161	M127	X	-1.85	-1.85	0 %100
162	M127	Z	1.068	1.068	0 %100
163	M128	X	-1.85	-1.85	0 %100
164	M128	Z	1.068	1.068	0 %100
165	MP0.5C	X	-3.706	-3.706	0 %100
166	MP0.5C	Z	2.14	2.14	0 %100
167	MP1C	X	-2.735	-2.735	0 %100
168	MP1C	Z	1.579	1.579	0 %100
169	MP1.8C	X	-2.532	-2.532	0 %100
170	MP1.8C	Z	1.462	1.462	0 %100
171	MP1.9C	X	-2.735	-2.735	0 %100
172	MP1.9C	Z	1.579	1.579	0 %100
173	MP2C	X	-3.706	-3.706	0 %100
174	MP2C	Z	2.14	2.14	0 %100
175	MP4C	X	-3.706	-3.706	0 %100
176	MP4C	Z	2.14	2.14	0 %100
177	MP4.1C	X	-2.735	-2.735	0 %100
178	MP4.1C	Z	1.579	1.579	0 %100
179	MP5C	X	-2.735	-2.735	0 %100
180	MP5C	Z	1.579	1.579	0 %100
181	MP5.5C	X	-3.706	-3.706	0 %100
182	MP5.5C	Z	2.14	2.14	0 %100
183	M151	X	0	0	0 %100
184	M151	Z	0	0	0 %100
185	M152	X	0	0	0 %100
186	M152	Z	0	0	0 %100
187	M154	X	0	0	0 %100
188	M154	Z	0	0	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
189	M156	X	0	0	%100
190	M156	Z	0	0	%100
191	M157	X	0	0	%100
192	M157	Z	0	0	%100
193	M158	X	0	0	%100
194	M158	Z	0	0	%100
195	MP3C	X	-2.735	-2.735	0
196	MP3C	Z	1.579	1.579	0
197	M218A	X	-1.85	-1.85	0
198	M218A	Z	1.068	1.068	0
199	M219A	X	-1.85	-1.85	0
200	M219A	Z	1.068	1.068	0
201	M220A	X	-1.85	-1.85	0
202	M220A	Z	1.068	1.068	0
203	M221A	X	-1.85	-1.85	0
204	M221A	Z	1.068	1.068	0
205	M222A	X	0	0	0
206	M222A	Z	0	0	0
207	M223	X	0	0	0
208	M223	Z	0	0	0
209	M218B	X	-2.881	-2.881	0
210	M218B	Z	1.663	1.663	0
211	M219B	X	-2.881	-2.881	0
212	M219B	Z	1.663	1.663	0
213	M228	X	-.758	-.758	0
214	M228	Z	.438	.438	0
215	M233	X	-.758	-.758	0
216	M233	Z	.438	.438	0
217	M238	X	-3.034	-3.034	0
218	M238	Z	1.752	1.752	0
219	M251	X	-3.104	-3.104	0
220	M251	Z	1.792	1.792	0
221	M253	X	-.776	-.776	0
222	M253	Z	.448	.448	0
223	M255	X	-.776	-.776	0
224	M255	Z	.448	.448	0
225	M261	X	-.758	-.758	0
226	M261	Z	.438	.438	0
227	M266	X	-.758	-.758	0
228	M266	Z	.438	.438	0
229	M271	X	-3.034	-3.034	0
230	M271	Z	1.752	1.752	0
231	M284	X	-3.104	-3.104	0
232	M284	Z	1.792	1.792	0
233	M286	X	-.776	-.776	0
234	M286	Z	.448	.448	0
235	M288	X	-.776	-.776	0
236	M288	Z	.448	.448	0
237	M290	X	-.342	-.342	0
238	M290	Z	.197	.197	0
239	M291	X	-3.274	-3.274	0
240	M291	Z	1.89	1.89	0
241	M274	X	-1.445	-1.445	0
242	M274	Z	.834	.834	0
243	M275A	X	-3.492	-3.492	0
244	M275A	Z	2.016	2.016	0



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-4.375	-4.375	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-4.375	-4.375	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-5.457	-5.457	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-3.791	-3.791	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-5.242	-5.242	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	-4.041	-4.041	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	-3.225	-3.225	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	-3.225	-3.225	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	-3.225	-3.225	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	-3.225	-3.225	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	-2.951	-2.951	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	-3.225	-3.225	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	-3.225	-3.225	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	-3.225	-3.225	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	-3.225	-3.225	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	-2.639	-2.639	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	-2.687	-2.687	0	%100
50	M25	Z	0	0	0	%100
51	M26	X	-2.639	-2.639	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	-2.951	-2.951	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	-3.225	-3.225	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	-3.225	-3.225	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]	
58	M29	Z	0	0	%100	
59	M30	X	-3.225	-3.225	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	-3.225	-3.225	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	-2.639	-2.639	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	-2.686	-2.686	0	%100
66	M33	Z	0	0	0	%100
67	M34	X	-2.641	-2.641	0	%100
68	M34	Z	0	0	0	%100
69	M35	X	-7.496	-7.496	0	%100
70	M35	Z	0	0	0	%100
71	M36	X	-7.496	-7.496	0	%100
72	M36	Z	0	0	0	%100
73	M37	X	-7.496	-7.496	0	%100
74	M37	Z	0	0	0	%100
75	M62	X	0	0	0	%100
76	M62	Z	0	0	0	%100
77	M63	X	-.308	-.308	0	%100
78	M63	Z	0	0	0	%100
79	M64	X	-.308	-.308	0	%100
80	M64	Z	0	0	0	%100
81	M65	X	0	0	0	%100
82	M65	Z	0	0	0	%100
83	M66	X	-3.462	-3.462	0	%100
84	M66	Z	0	0	0	%100
85	M67	X	-.308	-.308	0	%100
86	M67	Z	0	0	0	%100
87	M68	X	-1.233	-1.233	0	%100
88	M68	Z	0	0	0	%100
89	M69	X	-3.21	-3.21	0	%100
90	M69	Z	0	0	0	%100
91	M70	X	-3.462	-3.462	0	%100
92	M70	Z	0	0	0	%100
93	M71	X	-1.233	-1.233	0	%100
94	M71	Z	0	0	0	%100
95	M72	X	-.308	-.308	0	%100
96	M72	Z	0	0	0	%100
97	M73	X	-3.21	-3.21	0	%100
98	M73	Z	0	0	0	%100
99	M74	X	0	0	0	%100
100	M74	Z	0	0	0	%100
101	M75	X	-2.707	-2.707	0	%100
102	M75	Z	0	0	0	%100
103	M76	X	-2.707	-2.707	0	%100
104	M76	Z	0	0	0	%100
105	MP0.5A	X	-4.28	-4.28	0	%100
106	MP0.5A	Z	0	0	0	%100
107	MP1A	X	-3.158	-3.158	0	%100
108	MP1A	Z	0	0	0	%100
109	MP1.8A	X	-2.923	-2.923	0	%100
110	MP1.8A	Z	0	0	0	%100
111	MP1.9A	X	-3.158	-3.158	0	%100
112	MP1.9A	Z	0	0	0	%100
113	MP2A	X	-4.28	-4.28	0	%100
114	MP2A	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
115	MP4A	X	-4.28	-4.28	0 %100
116	MP4A	Z	0	0	0 %100
117	MP4.1A	X	-3.158	-3.158	0 %100
118	MP4.1A	Z	0	0	0 %100
119	MP5A	X	-3.158	-3.158	0 %100
120	MP5A	Z	0	0	0 %100
121	MP5.5A	X	-4.28	-4.28	0 %100
122	MP5.5A	Z	0	0	0 %100
123	M91	X	-2.848	-2.848	0 %100
124	M91	Z	0	0	0 %100
125	M92	X	-2.848	-2.848	0 %100
126	M92	Z	0	0	0 %100
127	M94	X	-2.848	-2.848	0 %100
128	M94	Z	0	0	0 %100
129	M96	X	-2.848	-2.848	0 %100
130	M96	Z	0	0	0 %100
131	M97	X	-2.848	-2.848	0 %100
132	M97	Z	0	0	0 %100
133	M98	X	-2.848	-2.848	0 %100
134	M98	Z	0	0	0 %100
135	MP0.5B	X	-4.28	-4.28	0 %100
136	MP0.5B	Z	0	0	0 %100
137	MP1B	X	-3.158	-3.158	0 %100
138	MP1B	Z	0	0	0 %100
139	MP1.8B	X	-2.923	-2.923	0 %100
140	MP1.8B	Z	0	0	0 %100
141	MP1.9B	X	-3.158	-3.158	0 %100
142	MP1.9B	Z	0	0	0 %100
143	MP2B	X	-4.28	-4.28	0 %100
144	MP2B	Z	0	0	0 %100
145	MP4B	X	-4.28	-4.28	0 %100
146	MP4B	Z	0	0	0 %100
147	MP4.1B	X	-3.158	-3.158	0 %100
148	MP4.1B	Z	0	0	0 %100
149	MP5B	X	-3.158	-3.158	0 %100
150	MP5B	Z	0	0	0 %100
151	MP5.5B	X	-4.28	-4.28	0 %100
152	MP5.5B	Z	0	0	0 %100
153	M121	X	-712	-712	0 %100
154	M121	Z	0	0	0 %100
155	M122	X	-712	-712	0 %100
156	M122	Z	0	0	0 %100
157	M124	X	-712	-712	0 %100
158	M124	Z	0	0	0 %100
159	M126	X	-712	-712	0 %100
160	M126	Z	0	0	0 %100
161	M127	X	-712	-712	0 %100
162	M127	Z	0	0	0 %100
163	M128	X	-712	-712	0 %100
164	M128	Z	0	0	0 %100
165	MP0.5C	X	-4.28	-4.28	0 %100
166	MP0.5C	Z	0	0	0 %100
167	MP1C	X	-3.158	-3.158	0 %100
168	MP1C	Z	0	0	0 %100
169	MP1.8C	X	-2.923	-2.923	0 %100
170	MP1.8C	Z	0	0	0 %100
171	MP1.9C	X	-3.158	-3.158	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]	
172	MP1.9C	Z	0	0	%100	
173	MP2C	X	-4.28	-4.28	0	%100
174	MP2C	Z	0	0	0	%100
175	MP4C	X	-4.28	-4.28	0	%100
176	MP4C	Z	0	0	0	%100
177	MP4.1C	X	-3.158	-3.158	0	%100
178	MP4.1C	Z	0	0	0	%100
179	MP5C	X	-3.158	-3.158	0	%100
180	MP5C	Z	0	0	0	%100
181	MP5.5C	X	-4.28	-4.28	0	%100
182	MP5.5C	Z	0	0	0	%100
183	M151	X	-712	-712	0	%100
184	M151	Z	0	0	0	%100
185	M152	X	-712	-712	0	%100
186	M152	Z	0	0	0	%100
187	M154	X	-712	-712	0	%100
188	M154	Z	0	0	0	%100
189	M156	X	-712	-712	0	%100
190	M156	Z	0	0	0	%100
191	M157	X	-712	-712	0	%100
192	M157	Z	0	0	0	%100
193	M158	X	-712	-712	0	%100
194	M158	Z	0	0	0	%100
195	MP3C	X	-3.158	-3.158	0	%100
196	MP3C	Z	0	0	0	%100
197	M218A	X	-2.848	-2.848	0	%100
198	M218A	Z	0	0	0	%100
199	M219A	X	-2.848	-2.848	0	%100
200	M219A	Z	0	0	0	%100
201	M220A	X	-712	-712	0	%100
202	M220A	Z	0	0	0	%100
203	M221A	X	-712	-712	0	%100
204	M221A	Z	0	0	0	%100
205	M222A	X	-712	-712	0	%100
206	M222A	Z	0	0	0	%100
207	M223	X	-712	-712	0	%100
208	M223	Z	0	0	0	%100
209	M218B	X	-0.77	-0.77	0	%100
210	M218B	Z	0	0	0	%100
211	M219B	X	-0.77	-0.77	0	%100
212	M219B	Z	0	0	0	%100
213	M228	X	0	0	0	%100
214	M228	Z	0	0	0	%100
215	M233	X	-2.627	-2.627	0	%100
216	M233	Z	0	0	0	%100
217	M238	X	-2.627	-2.627	0	%100
218	M238	Z	0	0	0	%100
219	M251	X	-2.688	-2.688	0	%100
220	M251	Z	0	0	0	%100
221	M253	X	0	0	0	%100
222	M253	Z	0	0	0	%100
223	M255	X	-2.688	-2.688	0	%100
224	M255	Z	0	0	0	%100
225	M261	X	0	0	0	%100
226	M261	Z	0	0	0	%100
227	M266	X	-2.627	-2.627	0	%100
228	M266	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
229	M271	X	-2.627	-2.627	0 %100
230	M271	Z	0	0	0 %100
231	M284	X	-2.688	-2.688	0 %100
232	M284	Z	0	0	0 %100
233	M286	X	0	0	0 %100
234	M286	Z	0	0	0 %100
235	M288	X	-2.688	-2.688	0 %100
236	M288	Z	0	0	0 %100
237	M290	X	-1.295	-1.295	0 %100
238	M290	Z	0	0	0 %100
239	M291	X	-1.92	-1.92	0 %100
240	M291	Z	0	0	0 %100
241	M274	X	-2.282	-2.282	0 %100
242	M274	Z	0	0	0 %100
243	M275A	X	-2.934	-2.934	0 %100
244	M275A	Z	0	0	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.263	-1.263	0 %100
2	M1	Z	-.729	-.729	0 %100
3	M2	X	-1.263	-1.263	0 %100
4	M2	Z	-.729	-.729	0 %100
5	M3	X	-5.052	-5.052	0 %100
6	M3	Z	-2.917	-2.917	0 %100
7	M4	X	-1.225	-1.225	0 %100
8	M4	Z	-.708	-.708	0 %100
9	M5	X	-1.12	-1.12	0 %100
10	M5	Z	-.647	-.647	0 %100
11	M6	X	-.98	-.98	0 %100
12	M6	Z	-.566	-.566	0 %100
13	M7	X	-4.527	-4.527	0 %100
14	M7	Z	-2.614	-2.614	0 %100
15	M8	X	-5.068	-5.068	0 %100
16	M8	Z	-2.926	-2.926	0 %100
17	M9	X	-3.975	-3.975	0 %100
18	M9	Z	-2.295	-2.295	0 %100
19	M10	X	-1.417	-1.417	0 %100
20	M10	Z	-.818	-.818	0 %100
21	M11	X	-.852	-.852	0 %100
22	M11	Z	-.492	-.492	0 %100
23	M12	X	-2.793	-2.793	0 %100
24	M12	Z	-1.613	-1.613	0 %100
25	M13	X	-2.793	-2.793	0 %100
26	M13	Z	-1.613	-1.613	0 %100
27	M14	X	-2.793	-2.793	0 %100
28	M14	Z	-1.613	-1.613	0 %100
29	M15	X	-2.793	-2.793	0 %100
30	M15	Z	-1.613	-1.613	0 %100
31	M16	X	-.762	-.762	0 %100
32	M16	Z	-.44	-.44	0 %100
33	M17	X	-.776	-.776	0 %100
34	M17	Z	-.448	-.448	0 %100
35	M18	X	-.762	-.762	0 %100
36	M18	Z	-.44	-.44	0 %100
37	M19	X	-3.407	-3.407	0 %100





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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
38	M19	Z	-1.967	-1.967	0 %100
39	M20	X	-2.793	-2.793	0 %100
40	M20	Z	-1.613	-1.613	0 %100
41	M21	X	-2.793	-2.793	0 %100
42	M21	Z	-1.613	-1.613	0 %100
43	M22	X	-2.793	-2.793	0 %100
44	M22	Z	-1.613	-1.613	0 %100
45	M23	X	-2.793	-2.793	0 %100
46	M23	Z	-1.613	-1.613	0 %100
47	M24	X	-3.048	-3.048	0 %100
48	M24	Z	-1.76	-1.76	0 %100
49	M25	X	-3.103	-3.103	0 %100
50	M25	Z	-1.791	-1.791	0 %100
51	M26	X	-3.048	-3.048	0 %100
52	M26	Z	-1.76	-1.76	0 %100
53	M27	X	-.852	-.852	0 %100
54	M27	Z	-.492	-.492	0 %100
55	M28	X	-2.793	-2.793	0 %100
56	M28	Z	-1.613	-1.613	0 %100
57	M29	X	-2.793	-2.793	0 %100
58	M29	Z	-1.613	-1.613	0 %100
59	M30	X	-2.793	-2.793	0 %100
60	M30	Z	-1.613	-1.613	0 %100
61	M31	X	-2.793	-2.793	0 %100
62	M31	Z	-1.613	-1.613	0 %100
63	M32	X	-.762	-.762	0 %100
64	M32	Z	-.44	-.44	0 %100
65	M33	X	-.775	-.775	0 %100
66	M33	Z	-.448	-.448	0 %100
67	M34	X	-.762	-.762	0 %100
68	M34	Z	-.44	-.44	0 %100
69	M35	X	-6.492	-6.492	0 %100
70	M35	Z	-3.748	-3.748	0 %100
71	M36	X	-6.492	-6.492	0 %100
72	M36	Z	-3.748	-3.748	0 %100
73	M37	X	-6.492	-6.492	0 %100
74	M37	Z	-3.748	-3.748	0 %100
75	M62	X	-.999	-.999	0 %100
76	M62	Z	-.577	-.577	0 %100
77	M63	X	0	0	0 %100
78	M63	Z	0	0	0 %100
79	M64	X	-.801	-.801	0 %100
80	M64	Z	-.462	-.462	0 %100
81	M65	X	-.927	-.927	0 %100
82	M65	Z	-.535	-.535	0 %100
83	M66	X	-3.998	-3.998	0 %100
84	M66	Z	-2.308	-2.308	0 %100
85	M67	X	-.801	-.801	0 %100
86	M67	Z	-.462	-.462	0 %100
87	M68	X	-.801	-.801	0 %100
88	M68	Z	-.462	-.462	0 %100
89	M69	X	-3.707	-3.707	0 %100
90	M69	Z	-2.14	-2.14	0 %100
91	M70	X	-.999	-.999	0 %100
92	M70	Z	-.577	-.577	0 %100
93	M71	X	-.801	-.801	0 %100
94	M71	Z	-.462	-.462	0 %100



Company : GPD  
 Designer : ENIETO  
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**Member Distributed Loads (BLC 63 : Structure Wi (300 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]	
95	M72	X	0	0	%100	
96	M72	Z	0	0	%100	
97	M73	X	-0.927	-0.927	0	%100
98	M73	Z	-0.535	-0.535	0	%100
99	M74	X	-0.781	-0.781	0	%100
100	M74	Z	-0.451	-0.451	0	%100
101	M75	X	-3.126	-3.126	0	%100
102	M75	Z	-1.805	-1.805	0	%100
103	M76	X	-0.781	-0.781	0	%100
104	M76	Z	-0.451	-0.451	0	%100
105	MP0.5A	X	-3.706	-3.706	0	%100
106	MP0.5A	Z	-2.14	-2.14	0	%100
107	MP1A	X	-2.735	-2.735	0	%100
108	MP1A	Z	-1.579	-1.579	0	%100
109	MP1.8A	X	-2.532	-2.532	0	%100
110	MP1.8A	Z	-1.462	-1.462	0	%100
111	MP1.9A	X	-2.735	-2.735	0	%100
112	MP1.9A	Z	-1.579	-1.579	0	%100
113	MP2A	X	-3.706	-3.706	0	%100
114	MP2A	Z	-2.14	-2.14	0	%100
115	MP4A	X	-3.706	-3.706	0	%100
116	MP4A	Z	-2.14	-2.14	0	%100
117	MP4.1A	X	-2.735	-2.735	0	%100
118	MP4.1A	Z	-1.579	-1.579	0	%100
119	MP5A	X	-2.735	-2.735	0	%100
120	MP5A	Z	-1.579	-1.579	0	%100
121	MP5.5A	X	-3.706	-3.706	0	%100
122	MP5.5A	Z	-2.14	-2.14	0	%100
123	M91	X	-1.85	-1.85	0	%100
124	M91	Z	-1.068	-1.068	0	%100
125	M92	X	-1.85	-1.85	0	%100
126	M92	Z	-1.068	-1.068	0	%100
127	M94	X	-1.85	-1.85	0	%100
128	M94	Z	-1.068	-1.068	0	%100
129	M96	X	-1.85	-1.85	0	%100
130	M96	Z	-1.068	-1.068	0	%100
131	M97	X	-1.85	-1.85	0	%100
132	M97	Z	-1.068	-1.068	0	%100
133	M98	X	-1.85	-1.85	0	%100
134	M98	Z	-1.068	-1.068	0	%100
135	MP0.5B	X	-3.706	-3.706	0	%100
136	MP0.5B	Z	-2.14	-2.14	0	%100
137	MP1B	X	-2.735	-2.735	0	%100
138	MP1B	Z	-1.579	-1.579	0	%100
139	MP1.8B	X	-2.532	-2.532	0	%100
140	MP1.8B	Z	-1.462	-1.462	0	%100
141	MP1.9B	X	-2.735	-2.735	0	%100
142	MP1.9B	Z	-1.579	-1.579	0	%100
143	MP2B	X	-3.706	-3.706	0	%100
144	MP2B	Z	-2.14	-2.14	0	%100
145	MP4B	X	-3.706	-3.706	0	%100
146	MP4B	Z	-2.14	-2.14	0	%100
147	MP4.1B	X	-2.735	-2.735	0	%100
148	MP4.1B	Z	-1.579	-1.579	0	%100
149	MP5B	X	-2.735	-2.735	0	%100
150	MP5B	Z	-1.579	-1.579	0	%100
151	MP5.5B	X	-3.706	-3.706	0	%100



Company : GPD  
 Designer : ENIETO  
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**Member Distributed Loads (BLC 63 : Structure Wi (300 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
152	MP5.5B	Z	-2.14	-2.14	0 %100
153	M121	X	0	0	0 %100
154	M121	Z	0	0	0 %100
155	M122	X	0	0	0 %100
156	M122	Z	0	0	0 %100
157	M124	X	0	0	0 %100
158	M124	Z	0	0	0 %100
159	M126	X	0	0	0 %100
160	M126	Z	0	0	0 %100
161	M127	X	0	0	0 %100
162	M127	Z	0	0	0 %100
163	M128	X	0	0	0 %100
164	M128	Z	0	0	0 %100
165	MP0.5C	X	-3.706	-3.706	0 %100
166	MP0.5C	Z	-2.14	-2.14	0 %100
167	MP1C	X	-2.735	-2.735	0 %100
168	MP1C	Z	-1.579	-1.579	0 %100
169	MP1.8C	X	-2.532	-2.532	0 %100
170	MP1.8C	Z	-1.462	-1.462	0 %100
171	MP1.9C	X	-2.735	-2.735	0 %100
172	MP1.9C	Z	-1.579	-1.579	0 %100
173	MP2C	X	-3.706	-3.706	0 %100
174	MP2C	Z	-2.14	-2.14	0 %100
175	MP4C	X	-3.706	-3.706	0 %100
176	MP4C	Z	-2.14	-2.14	0 %100
177	MP4.1C	X	-2.735	-2.735	0 %100
178	MP4.1C	Z	-1.579	-1.579	0 %100
179	MP5C	X	-2.735	-2.735	0 %100
180	MP5C	Z	-1.579	-1.579	0 %100
181	MP5.5C	X	-3.706	-3.706	0 %100
182	MP5.5C	Z	-2.14	-2.14	0 %100
183	M151	X	-1.85	-1.85	0 %100
184	M151	Z	-1.068	-1.068	0 %100
185	M152	X	-1.85	-1.85	0 %100
186	M152	Z	-1.068	-1.068	0 %100
187	M154	X	-1.85	-1.85	0 %100
188	M154	Z	-1.068	-1.068	0 %100
189	M156	X	-1.85	-1.85	0 %100
190	M156	Z	-1.068	-1.068	0 %100
191	M157	X	-1.85	-1.85	0 %100
192	M157	Z	-1.068	-1.068	0 %100
193	M158	X	-1.85	-1.85	0 %100
194	M158	Z	-1.068	-1.068	0 %100
195	MP3C	X	-2.735	-2.735	0 %100
196	MP3C	Z	-1.579	-1.579	0 %100
197	M218A	X	-1.85	-1.85	0 %100
198	M218A	Z	-1.068	-1.068	0 %100
199	M219A	X	-1.85	-1.85	0 %100
200	M219A	Z	-1.068	-1.068	0 %100
201	M220A	X	0	0	0 %100
202	M220A	Z	0	0	0 %100
203	M221A	X	0	0	0 %100
204	M221A	Z	0	0	0 %100
205	M222A	X	-1.85	-1.85	0 %100
206	M222A	Z	-1.068	-1.068	0 %100
207	M223	X	-1.85	-1.85	0 %100
208	M223	Z	-1.068	-1.068	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
209	M218B	X	-1.564	-1.564	0	%100
210	M218B	Z	-.903	-.903	0	%100
211	M219B	X	-1.564	-1.564	0	%100
212	M219B	Z	-.903	-.903	0	%100
213	M228	X	-.758	-.758	0	%100
214	M228	Z	-.438	-.438	0	%100
215	M233	X	-3.034	-3.034	0	%100
216	M233	Z	-1.752	-1.752	0	%100
217	M238	X	-.758	-.758	0	%100
218	M238	Z	-.438	-.438	0	%100
219	M251	X	-.776	-.776	0	%100
220	M251	Z	-.448	-.448	0	%100
221	M253	X	-.776	-.776	0	%100
222	M253	Z	-.448	-.448	0	%100
223	M255	X	-3.104	-3.104	0	%100
224	M255	Z	-1.792	-1.792	0	%100
225	M261	X	-.758	-.758	0	%100
226	M261	Z	-.438	-.438	0	%100
227	M266	X	-3.034	-3.034	0	%100
228	M266	Z	-1.752	-1.752	0	%100
229	M271	X	-.758	-.758	0	%100
230	M271	Z	-.438	-.438	0	%100
231	M284	X	-.776	-.776	0	%100
232	M284	Z	-.448	-.448	0	%100
233	M286	X	-.776	-.776	0	%100
234	M286	Z	-.448	-.448	0	%100
235	M288	X	-3.104	-3.104	0	%100
236	M288	Z	-1.792	-1.792	0	%100
237	M290	X	-2.852	-2.852	0	%100
238	M290	Z	-1.647	-1.647	0	%100
239	M291	X	-.543	-.543	0	%100
240	M291	Z	-.314	-.314	0	%100
241	M274	X	-3.156	-3.156	0	%100
242	M274	Z	-1.822	-1.822	0	%100
243	M275A	X	-1.879	-1.879	0	%100
244	M275A	Z	-1.085	-1.085	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-2.187	-2.187	0	%100
4	M2	Z	-3.789	-3.789	0	%100
5	M3	X	-2.187	-2.187	0	%100
6	M3	Z	-3.789	-3.789	0	%100
7	M4	X	-2.123	-2.123	0	%100
8	M4	Z	-3.676	-3.676	0	%100
9	M5	X	-1.94	-1.94	0	%100
10	M5	Z	-3.361	-3.361	0	%100
11	M6	X	-1.697	-1.697	0	%100
12	M6	Z	-2.939	-2.939	0	%100
13	M7	X	-2.057	-2.057	0	%100
14	M7	Z	-3.562	-3.562	0	%100
15	M8	X	-2.863	-2.863	0	%100
16	M8	Z	-4.959	-4.959	0	%100
17	M9	X	-1.998	-1.998	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
18	M9	Z	-3.461	-3.461	0 %100
19	M10	X	-0.583	-0.583	0 %100
20	M10	Z	-1.01	-1.01	0 %100
21	M11	X	-1.475	-1.475	0 %100
22	M11	Z	-2.556	-2.556	0 %100
23	M12	X	-1.613	-1.613	0 %100
24	M12	Z	-2.793	-2.793	0 %100
25	M13	X	-1.613	-1.613	0 %100
26	M13	Z	-2.793	-2.793	0 %100
27	M14	X	-1.613	-1.613	0 %100
28	M14	Z	-2.793	-2.793	0 %100
29	M15	X	-1.613	-1.613	0 %100
30	M15	Z	-2.793	-2.793	0 %100
31	M16	X	-1.32	-1.32	0 %100
32	M16	Z	-2.286	-2.286	0 %100
33	M17	X	-1.344	-1.344	0 %100
34	M17	Z	-2.327	-2.327	0 %100
35	M18	X	-1.32	-1.32	0 %100
36	M18	Z	-2.286	-2.286	0 %100
37	M19	X	-1.475	-1.475	0 %100
38	M19	Z	-2.556	-2.556	0 %100
39	M20	X	-1.613	-1.613	0 %100
40	M20	Z	-2.793	-2.793	0 %100
41	M21	X	-1.613	-1.613	0 %100
42	M21	Z	-2.793	-2.793	0 %100
43	M22	X	-1.613	-1.613	0 %100
44	M22	Z	-2.793	-2.793	0 %100
45	M23	X	-1.613	-1.613	0 %100
46	M23	Z	-2.793	-2.793	0 %100
47	M24	X	-1.32	-1.32	0 %100
48	M24	Z	-2.286	-2.286	0 %100
49	M25	X	-1.344	-1.344	0 %100
50	M25	Z	-2.327	-2.327	0 %100
51	M26	X	-1.32	-1.32	0 %100
52	M26	Z	-2.286	-2.286	0 %100
53	M27	X	0	0	0 %100
54	M27	Z	0	0	0 %100
55	M28	X	-1.613	-1.613	0 %100
56	M28	Z	-2.793	-2.793	0 %100
57	M29	X	-1.613	-1.613	0 %100
58	M29	Z	-2.793	-2.793	0 %100
59	M30	X	-1.613	-1.613	0 %100
60	M30	Z	-2.793	-2.793	0 %100
61	M31	X	-1.613	-1.613	0 %100
62	M31	Z	-2.793	-2.793	0 %100
63	M32	X	0	0	0 %100
64	M32	Z	0	0	0 %100
65	M33	X	0	0	0 %100
66	M33	Z	0	0	0 %100
67	M34	X	0	0	0 %100
68	M34	Z	0	0	0 %100
69	M35	X	-3.748	-3.748	0 %100
70	M35	Z	-6.492	-6.492	0 %100
71	M36	X	-3.748	-3.748	0 %100
72	M36	Z	-6.492	-6.492	0 %100
73	M37	X	-3.748	-3.748	0 %100
74	M37	Z	-6.492	-6.492	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
75	M62	X	-1.731	-1.731	0 %100
76	M62	Z	-2.998	-2.998	0 %100
77	M63	X	-.154	-.154	0 %100
78	M63	Z	-.267	-.267	0 %100
79	M64	X	-.616	-.616	0 %100
80	M64	Z	-1.068	-1.068	0 %100
81	M65	X	-1.605	-1.605	0 %100
82	M65	Z	-2.78	-2.78	0 %100
83	M66	X	-1.731	-1.731	0 %100
84	M66	Z	-2.998	-2.998	0 %100
85	M67	X	-.616	-.616	0 %100
86	M67	Z	-1.068	-1.068	0 %100
87	M68	X	-.154	-.154	0 %100
88	M68	Z	-.267	-.267	0 %100
89	M69	X	-1.605	-1.605	0 %100
90	M69	Z	-2.78	-2.78	0 %100
91	M70	X	0	0	0 %100
92	M70	Z	0	0	0 %100
93	M71	X	-.154	-.154	0 %100
94	M71	Z	-.267	-.267	0 %100
95	M72	X	-.154	-.154	0 %100
96	M72	Z	-.267	-.267	0 %100
97	M73	X	0	0	0 %100
98	M73	Z	0	0	0 %100
99	M74	X	-1.353	-1.353	0 %100
100	M74	Z	-2.344	-2.344	0 %100
101	M75	X	-1.353	-1.353	0 %100
102	M75	Z	-2.344	-2.344	0 %100
103	M76	X	0	0	0 %100
104	M76	Z	0	0	0 %100
105	MP0.5A	X	-2.14	-2.14	0 %100
106	MP0.5A	Z	-3.706	-3.706	0 %100
107	MP1A	X	-1.579	-1.579	0 %100
108	MP1A	Z	-2.735	-2.735	0 %100
109	MP1.8A	X	-1.462	-1.462	0 %100
110	MP1.8A	Z	-2.532	-2.532	0 %100
111	MP1.9A	X	-1.579	-1.579	0 %100
112	MP1.9A	Z	-2.735	-2.735	0 %100
113	MP2A	X	-2.14	-2.14	0 %100
114	MP2A	Z	-3.706	-3.706	0 %100
115	MP4A	X	-2.14	-2.14	0 %100
116	MP4A	Z	-3.706	-3.706	0 %100
117	MP4.1A	X	-1.579	-1.579	0 %100
118	MP4.1A	Z	-2.735	-2.735	0 %100
119	MP5A	X	-1.579	-1.579	0 %100
120	MP5A	Z	-2.735	-2.735	0 %100
121	MP5.5A	X	-2.14	-2.14	0 %100
122	MP5.5A	Z	-3.706	-3.706	0 %100
123	M91	X	-.356	-.356	0 %100
124	M91	Z	-.617	-.617	0 %100
125	M92	X	-.356	-.356	0 %100
126	M92	Z	-.617	-.617	0 %100
127	M94	X	-.356	-.356	0 %100
128	M94	Z	-.617	-.617	0 %100
129	M96	X	-.356	-.356	0 %100
130	M96	Z	-.617	-.617	0 %100
131	M97	X	-.356	-.356	0 %100



Company : GPD  
 Designer : ENIETO  
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**Member Distributed Loads (BLC 64 : Structure Wi (330 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
132	M97	Z	-.617	-.617	0 %100
133	M98	X	-.356	-.356	0 %100
134	M98	Z	-.617	-.617	0 %100
135	MP0.5B	X	-2.14	-2.14	0 %100
136	MP0.5B	Z	-3.706	-3.706	0 %100
137	MP1B	X	-1.579	-1.579	0 %100
138	MP1B	Z	-2.735	-2.735	0 %100
139	MP1.8B	X	-1.462	-1.462	0 %100
140	MP1.8B	Z	-2.532	-2.532	0 %100
141	MP1.9B	X	-1.579	-1.579	0 %100
142	MP1.9B	Z	-2.735	-2.735	0 %100
143	MP2B	X	-2.14	-2.14	0 %100
144	MP2B	Z	-3.706	-3.706	0 %100
145	MP4B	X	-2.14	-2.14	0 %100
146	MP4B	Z	-3.706	-3.706	0 %100
147	MP4.1B	X	-1.579	-1.579	0 %100
148	MP4.1B	Z	-2.735	-2.735	0 %100
149	MP5B	X	-1.579	-1.579	0 %100
150	MP5B	Z	-2.735	-2.735	0 %100
151	MP5.5B	X	-2.14	-2.14	0 %100
152	MP5.5B	Z	-3.706	-3.706	0 %100
153	M121	X	-.356	-.356	0 %100
154	M121	Z	-.617	-.617	0 %100
155	M122	X	-.356	-.356	0 %100
156	M122	Z	-.617	-.617	0 %100
157	M124	X	-.356	-.356	0 %100
158	M124	Z	-.617	-.617	0 %100
159	M126	X	-.356	-.356	0 %100
160	M126	Z	-.617	-.617	0 %100
161	M127	X	-.356	-.356	0 %100
162	M127	Z	-.617	-.617	0 %100
163	M128	X	-.356	-.356	0 %100
164	M128	Z	-.617	-.617	0 %100
165	MP0.5C	X	-2.14	-2.14	0 %100
166	MP0.5C	Z	-3.706	-3.706	0 %100
167	MP1C	X	-1.579	-1.579	0 %100
168	MP1C	Z	-2.735	-2.735	0 %100
169	MP1.8C	X	-1.462	-1.462	0 %100
170	MP1.8C	Z	-2.532	-2.532	0 %100
171	MP1.9C	X	-1.579	-1.579	0 %100
172	MP1.9C	Z	-2.735	-2.735	0 %100
173	MP2C	X	-2.14	-2.14	0 %100
174	MP2C	Z	-3.706	-3.706	0 %100
175	MP4C	X	-2.14	-2.14	0 %100
176	MP4C	Z	-3.706	-3.706	0 %100
177	MP4.1C	X	-1.579	-1.579	0 %100
178	MP4.1C	Z	-2.735	-2.735	0 %100
179	MP5C	X	-1.579	-1.579	0 %100
180	MP5C	Z	-2.735	-2.735	0 %100
181	MP5.5C	X	-2.14	-2.14	0 %100
182	MP5.5C	Z	-3.706	-3.706	0 %100
183	M151	X	-1.424	-1.424	0 %100
184	M151	Z	-2.467	-2.467	0 %100
185	M152	X	-1.424	-1.424	0 %100
186	M152	Z	-2.467	-2.467	0 %100
187	M154	X	-1.424	-1.424	0 %100
188	M154	Z	-2.467	-2.467	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
189	M156	X	-1.424	-1.424	0 %100
190	M156	Z	-2.467	-2.467	0 %100
191	M157	X	-1.424	-1.424	0 %100
192	M157	Z	-2.467	-2.467	0 %100
193	M158	X	-1.424	-1.424	0 %100
194	M158	Z	-2.467	-2.467	0 %100
195	MP3C	X	-1.579	-1.579	0 %100
196	MP3C	Z	-2.735	-2.735	0 %100
197	M218A	X	-.356	-.356	0 %100
198	M218A	Z	-.617	-.617	0 %100
199	M219A	X	-.356	-.356	0 %100
200	M219A	Z	-.617	-.617	0 %100
201	M220A	X	-.356	-.356	0 %100
202	M220A	Z	-.617	-.617	0 %100
203	M221A	X	-.356	-.356	0 %100
204	M221A	Z	-.617	-.617	0 %100
205	M222A	X	-1.424	-1.424	0 %100
206	M222A	Z	-2.467	-2.467	0 %100
207	M223	X	-1.424	-1.424	0 %100
208	M223	Z	-2.467	-2.467	0 %100
209	M218B	X	-3.392	-3.392	0 %100
210	M218B	Z	-5.875	-5.875	0 %100
211	M219B	X	-3.392	-3.392	0 %100
212	M219B	Z	-5.875	-5.875	0 %100
213	M228	X	-1.314	-1.314	0 %100
214	M228	Z	-2.275	-2.275	0 %100
215	M233	X	-1.314	-1.314	0 %100
216	M233	Z	-2.275	-2.275	0 %100
217	M238	X	0	0	0 %100
218	M238	Z	0	0	0 %100
219	M251	X	0	0	0 %100
220	M251	Z	0	0	0 %100
221	M253	X	-1.344	-1.344	0 %100
222	M253	Z	-2.328	-2.328	0 %100
223	M255	X	-1.344	-1.344	0 %100
224	M255	Z	-2.328	-2.328	0 %100
225	M261	X	-1.314	-1.314	0 %100
226	M261	Z	-2.275	-2.275	0 %100
227	M266	X	-1.314	-1.314	0 %100
228	M266	Z	-2.275	-2.275	0 %100
229	M271	X	0	0	0 %100
230	M271	Z	0	0	0 %100
231	M284	X	0	0	0 %100
232	M284	Z	0	0	0 %100
233	M286	X	-1.344	-1.344	0 %100
234	M286	Z	-2.328	-2.328	0 %100
235	M288	X	-1.344	-1.344	0 %100
236	M288	Z	-2.328	-2.328	0 %100
237	M290	X	-2.196	-2.196	0 %100
238	M290	Z	-3.803	-3.803	0 %100
239	M291	X	-.597	-.597	0 %100
240	M291	Z	-1.034	-1.034	0 %100
241	M274	X	-2.196	-2.196	0 %100
242	M274	Z	-3.804	-3.804	0 %100
243	M275A	X	-1.252	-1.252	0 %100
244	M275A	Z	-2.169	-2.169	0 %100





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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-.388	-.388	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-1.554	-1.554	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-.388	-.388	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-1.491	-1.491	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-1.316	-1.316	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-1.152	-1.152	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-.843	-.843	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-.958	-.958	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-1.047	-1.047	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	-.84	-.84	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	-.87	-.87	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	-.667	-.667	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	-.667	-.667	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	-.667	-.667	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	-.667	-.667	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	-.72	-.72	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	-.743	-.743	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	-.72	-.72	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	-.217	-.217	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	-.667	-.667	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	-.667	-.667	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	-.667	-.667	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	-.667	-.667	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	-.18	-.18	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	-.186	-.186	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	-.18	-.18	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	-.217	-.217	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	-.667	-.667	0	%100
57	M29	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	M29	Z	-.667	-.667	0 %100
59	M30	X	0	0	0 %100
60	M30	Z	-.667	-.667	0 %100
61	M31	X	0	0	0 %100
62	M31	Z	-.667	-.667	0 %100
63	M32	X	0	0	0 %100
64	M32	Z	-.18	-.18	0 %100
65	M33	X	0	0	0 %100
66	M33	Z	-.186	-.186	0 %100
67	M34	X	0	0	0 %100
68	M34	Z	-.18	-.18	0 %100
69	M35	X	0	0	0 %100
70	M35	Z	-2.205	-2.205	0 %100
71	M36	X	0	0	0 %100
72	M36	Z	-2.205	-2.205	0 %100
73	M37	X	0	0	0 %100
74	M37	Z	-2.205	-2.205	0 %100
75	M62	X	0	0	0 %100
76	M62	Z	-1.159	-1.159	0 %100
77	M63	X	0	0	0 %100
78	M63	Z	-.094	-.094	0 %100
79	M64	X	0	0	0 %100
80	M64	Z	-.094	-.094	0 %100
81	M65	X	0	0	0 %100
82	M65	Z	-1.038	-1.038	0 %100
83	M66	X	0	0	0 %100
84	M66	Z	-.29	-.29	0 %100
85	M67	X	0	0	0 %100
86	M67	Z	-.094	-.094	0 %100
87	M68	X	0	0	0 %100
88	M68	Z	0	0	0 %100
89	M69	X	0	0	0 %100
90	M69	Z	-.26	-.26	0 %100
91	M70	X	0	0	0 %100
92	M70	Z	-.29	-.29	0 %100
93	M71	X	0	0	0 %100
94	M71	Z	0	0	0 %100
95	M72	X	0	0	0 %100
96	M72	Z	-.094	-.094	0 %100
97	M73	X	0	0	0 %100
98	M73	Z	-.26	-.26	0 %100
99	M74	X	0	0	0 %100
100	M74	Z	-.797	-.797	0 %100
101	M75	X	0	0	0 %100
102	M75	Z	-.199	-.199	0 %100
103	M76	X	0	0	0 %100
104	M76	Z	-.199	-.199	0 %100
105	MP0.5A	X	0	0	0 %100
106	MP0.5A	Z	-.885	-.885	0 %100
107	MP1A	X	0	0	0 %100
108	MP1A	Z	-.59	-.59	0 %100
109	MP1.8A	X	0	0	0 %100
110	MP1.8A	Z	-.538	-.538	0 %100
111	MP1.9A	X	0	0	0 %100
112	MP1.9A	Z	-.59	-.59	0 %100
113	MP2A	X	0	0	0 %100
114	MP2A	Z	-.885	-.885	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]	
115	MP4A	X	0	0	%100	
116	MP4A	Z	-.885	-.885	0	%100
117	MP4.1A	X	0	0	0	%100
118	MP4.1A	Z	-.59	-.59	0	%100
119	MP5A	X	0	0	0	%100
120	MP5A	Z	-.59	-.59	0	%100
121	MP5.5A	X	0	0	0	%100
122	MP5.5A	Z	-.885	-.885	0	%100
123	M91	X	0	0	0	%100
124	M91	Z	0	0	0	%100
125	M92	X	0	0	0	%100
126	M92	Z	0	0	0	%100
127	M94	X	0	0	0	%100
128	M94	Z	0	0	0	%100
129	M96	X	0	0	0	%100
130	M96	Z	0	0	0	%100
131	M97	X	0	0	0	%100
132	M97	Z	0	0	0	%100
133	M98	X	0	0	0	%100
134	M98	Z	0	0	0	%100
135	MP0.5B	X	0	0	0	%100
136	MP0.5B	Z	-.885	-.885	0	%100
137	MP1B	X	0	0	0	%100
138	MP1B	Z	-.59	-.59	0	%100
139	MP1.8B	X	0	0	0	%100
140	MP1.8B	Z	-.538	-.538	0	%100
141	MP1.9B	X	0	0	0	%100
142	MP1.9B	Z	-.59	-.59	0	%100
143	MP2B	X	0	0	0	%100
144	MP2B	Z	-.885	-.885	0	%100
145	MP4B	X	0	0	0	%100
146	MP4B	Z	-.885	-.885	0	%100
147	MP4.1B	X	0	0	0	%100
148	MP4.1B	Z	-.59	-.59	0	%100
149	MP5B	X	0	0	0	%100
150	MP5B	Z	-.59	-.59	0	%100
151	MP5.5B	X	0	0	0	%100
152	MP5.5B	Z	-.885	-.885	0	%100
153	M121	X	0	0	0	%100
154	M121	Z	-.528	-.528	0	%100
155	M122	X	0	0	0	%100
156	M122	Z	-.528	-.528	0	%100
157	M124	X	0	0	0	%100
158	M124	Z	-.528	-.528	0	%100
159	M126	X	0	0	0	%100
160	M126	Z	-.528	-.528	0	%100
161	M127	X	0	0	0	%100
162	M127	Z	-.528	-.528	0	%100
163	M128	X	0	0	0	%100
164	M128	Z	-.528	-.528	0	%100
165	MP0.5C	X	0	0	0	%100
166	MP0.5C	Z	-.885	-.885	0	%100
167	MP1C	X	0	0	0	%100
168	MP1C	Z	-.59	-.59	0	%100
169	MP1.8C	X	0	0	0	%100
170	MP1.8C	Z	-.538	-.538	0	%100
171	MP1.9C	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
172	MP1.9C	Z	-59	-59	0 %100
173	MP2C	X	0	0	0 %100
174	MP2C	Z	-885	-885	0 %100
175	MP4C	X	0	0	0 %100
176	MP4C	Z	-885	-885	0 %100
177	MP4.1C	X	0	0	0 %100
178	MP4.1C	Z	-59	-59	0 %100
179	MP5C	X	0	0	0 %100
180	MP5C	Z	-59	-59	0 %100
181	MP5.5C	X	0	0	0 %100
182	MP5.5C	Z	-885	-885	0 %100
183	M151	X	0	0	0 %100
184	M151	Z	-528	-528	0 %100
185	M152	X	0	0	0 %100
186	M152	Z	-528	-528	0 %100
187	M154	X	0	0	0 %100
188	M154	Z	-528	-528	0 %100
189	M156	X	0	0	0 %100
190	M156	Z	-528	-528	0 %100
191	M157	X	0	0	0 %100
192	M157	Z	-528	-528	0 %100
193	M158	X	0	0	0 %100
194	M158	Z	-528	-528	0 %100
195	MP3C	X	0	0	0 %100
196	MP3C	Z	-59	-59	0 %100
197	M218A	X	0	0	0 %100
198	M218A	Z	0	0	0 %100
199	M219A	X	0	0	0 %100
200	M219A	Z	0	0	0 %100
201	M220A	X	0	0	0 %100
202	M220A	Z	-528	-528	0 %100
203	M221A	X	0	0	0 %100
204	M221A	Z	-528	-528	0 %100
205	M222A	X	0	0	0 %100
206	M222A	Z	-528	-528	0 %100
207	M223	X	0	0	0 %100
208	M223	Z	-528	-528	0 %100
209	M218B	X	0	0	0 %100
210	M218B	Z	-3.07	-3.07	0 %100
211	M219B	X	0	0	0 %100
212	M219B	Z	-3.07	-3.07	0 %100
213	M228	X	0	0	0 %100
214	M228	Z	-715	-715	0 %100
215	M233	X	0	0	0 %100
216	M233	Z	-179	-179	0 %100
217	M238	X	0	0	0 %100
218	M238	Z	-179	-179	0 %100
219	M251	X	0	0	0 %100
220	M251	Z	-222	-222	0 %100
221	M253	X	0	0	0 %100
222	M253	Z	-888	-888	0 %100
223	M255	X	0	0	0 %100
224	M255	Z	-222	-222	0 %100
225	M261	X	0	0	0 %100
226	M261	Z	-715	-715	0 %100
227	M266	X	0	0	0 %100
228	M266	Z	-179	-179	0 %100



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 Checked By: \_\_\_\_\_

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
229	M271	X	0	0	0	%100
230	M271	Z	-.179	-.179	0	%100
231	M284	X	0	0	0	%100
232	M284	Z	-.222	-.222	0	%100
233	M286	X	0	0	0	%100
234	M286	Z	-.888	-.888	0	%100
235	M288	X	0	0	0	%100
236	M288	Z	-.222	-.222	0	%100
237	M290	X	0	0	0	%100
238	M290	Z	-.823	-.823	0	%100
239	M291	X	0	0	0	%100
240	M291	Z	-.72	-.72	0	%100
241	M274	X	0	0	0	%100
242	M274	Z	-.891	-.891	0	%100
243	M275A	X	0	0	0	%100
244	M275A	Z	-.849	-.849	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.583	.583	0	%100
2	M1	Z	-1.009	-1.009	0	%100
3	M2	X	.583	.583	0	%100
4	M2	Z	-1.009	-1.009	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	.559	.559	0	%100
8	M4	Z	-.969	-.969	0	%100
9	M5	X	.494	.494	0	%100
10	M5	Z	-.855	-.855	0	%100
11	M6	X	.432	.432	0	%100
12	M6	Z	-.748	-.748	0	%100
13	M7	X	.452	.452	0	%100
14	M7	Z	-.782	-.782	0	%100
15	M8	X	.2	.2	0	%100
16	M8	Z	-.346	-.346	0	%100
17	M9	X	.608	.608	0	%100
18	M9	Z	-1.052	-1.052	0	%100
19	M10	X	.745	.745	0	%100
20	M10	Z	-1.291	-1.291	0	%100
21	M11	X	.326	.326	0	%100
22	M11	Z	-.565	-.565	0	%100
23	M12	X	.334	.334	0	%100
24	M12	Z	-.578	-.578	0	%100
25	M13	X	.334	.334	0	%100
26	M13	Z	-.578	-.578	0	%100
27	M14	X	.334	.334	0	%100
28	M14	Z	-.578	-.578	0	%100
29	M15	X	.334	.334	0	%100
30	M15	Z	-.578	-.578	0	%100
31	M16	X	.27	.27	0	%100
32	M16	Z	-.468	-.468	0	%100
33	M17	X	.279	.279	0	%100
34	M17	Z	-.483	-.483	0	%100
35	M18	X	.27	.27	0	%100
36	M18	Z	-.468	-.468	0	%100
37	M19	X	0	0	0	%100



Company : GPD  
 Designer : ENIETO  
 Job Number : Project No. 10084891  
 Model Name : 467684-VZW\_MT\_LO\_H

July 12, 2021  
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**Member Distributed Loads (BLC 66 : Structure Wm (30 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
38	M19	Z	0	0	%100
39	M20	X	.334	.334	%100
40	M20	Z	-.578	-.578	%100
41	M21	X	.334	.334	%100
42	M21	Z	-.578	-.578	%100
43	M22	X	.334	.334	%100
44	M22	Z	-.578	-.578	%100
45	M23	X	.334	.334	%100
46	M23	Z	-.578	-.578	%100
47	M24	X	0	0	%100
48	M24	Z	0	0	%100
49	M25	X	0	0	%100
50	M25	Z	0	0	%100
51	M26	X	0	0	%100
52	M26	Z	0	0	%100
53	M27	X	.326	.326	%100
54	M27	Z	-.565	-.565	%100
55	M28	X	.334	.334	%100
56	M28	Z	-.578	-.578	%100
57	M29	X	.334	.334	%100
58	M29	Z	-.578	-.578	%100
59	M30	X	.334	.334	%100
60	M30	Z	-.578	-.578	%100
61	M31	X	.334	.334	%100
62	M31	Z	-.578	-.578	%100
63	M32	X	.27	.27	%100
64	M32	Z	-.468	-.468	%100
65	M33	X	.279	.279	%100
66	M33	Z	-.482	-.482	%100
67	M34	X	.27	.27	%100
68	M34	Z	-.468	-.468	%100
69	M35	X	1.102	1.102	%100
70	M35	Z	-1.909	-1.909	%100
71	M36	X	1.102	1.102	%100
72	M36	Z	-1.909	-1.909	%100
73	M37	X	1.102	1.102	%100
74	M37	Z	-1.909	-1.909	%100
75	M62	X	.435	.435	%100
76	M62	Z	-.753	-.753	%100
77	M63	X	.063	.063	%100
78	M63	Z	-.108	-.108	%100
79	M64	X	.016	.016	%100
80	M64	Z	-.027	-.027	%100
81	M65	X	.389	.389	%100
82	M65	Z	-.675	-.675	%100
83	M66	X	0	0	%100
84	M66	Z	0	0	%100
85	M67	X	.016	.016	%100
86	M67	Z	-.027	-.027	%100
87	M68	X	.016	.016	%100
88	M68	Z	-.027	-.027	%100
89	M69	X	0	0	%100
90	M69	Z	0	0	%100
91	M70	X	.435	.435	%100
92	M70	Z	-.753	-.753	%100
93	M71	X	.016	.016	%100
94	M71	Z	-.027	-.027	%100





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

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
152	MP5.5B	Z	-.767	-.767	0 %100
153	M121	X	.352	.352	0 %100
154	M121	Z	-.61	-.61	0 %100
155	M122	X	.352	.352	0 %100
156	M122	Z	-.61	-.61	0 %100
157	M124	X	.352	.352	0 %100
158	M124	Z	-.61	-.61	0 %100
159	M126	X	.352	.352	0 %100
160	M126	Z	-.61	-.61	0 %100
161	M127	X	.352	.352	0 %100
162	M127	Z	-.61	-.61	0 %100
163	M128	X	.352	.352	0 %100
164	M128	Z	-.61	-.61	0 %100
165	MP0.5C	X	.443	.443	0 %100
166	MP0.5C	Z	-.767	-.767	0 %100
167	MP1C	X	.295	.295	0 %100
168	MP1C	Z	-.511	-.511	0 %100
169	MP1.8C	X	.269	.269	0 %100
170	MP1.8C	Z	-.466	-.466	0 %100
171	MP1.9C	X	.295	.295	0 %100
172	MP1.9C	Z	-.511	-.511	0 %100
173	MP2C	X	.443	.443	0 %100
174	MP2C	Z	-.767	-.767	0 %100
175	MP4C	X	.443	.443	0 %100
176	MP4C	Z	-.767	-.767	0 %100
177	MP4.1C	X	.295	.295	0 %100
178	MP4.1C	Z	-.511	-.511	0 %100
179	MP5C	X	.295	.295	0 %100
180	MP5C	Z	-.511	-.511	0 %100
181	MP5.5C	X	.443	.443	0 %100
182	MP5.5C	Z	-.767	-.767	0 %100
183	M151	X	.088	.088	0 %100
184	M151	Z	-.152	-.152	0 %100
185	M152	X	.088	.088	0 %100
186	M152	Z	-.152	-.152	0 %100
187	M154	X	.088	.088	0 %100
188	M154	Z	-.152	-.152	0 %100
189	M156	X	.088	.088	0 %100
190	M156	Z	-.152	-.152	0 %100
191	M157	X	.088	.088	0 %100
192	M157	Z	-.152	-.152	0 %100
193	M158	X	.088	.088	0 %100
194	M158	Z	-.152	-.152	0 %100
195	MP3C	X	.295	.295	0 %100
196	MP3C	Z	-.511	-.511	0 %100
197	M218A	X	.088	.088	0 %100
198	M218A	Z	-.152	-.152	0 %100
199	M219A	X	.088	.088	0 %100
200	M219A	Z	-.152	-.152	0 %100
201	M220A	X	.352	.352	0 %100
202	M220A	Z	-.61	-.61	0 %100
203	M221A	X	.352	.352	0 %100
204	M221A	Z	-.61	-.61	0 %100
205	M222A	X	.088	.088	0 %100
206	M222A	Z	-.152	-.152	0 %100
207	M223	X	.088	.088	0 %100
208	M223	Z	-.152	-.152	0 %100





Company : GPD  
 Designer : ENIETO  
 Job Number : Project No. 10084891  
 Model Name : 467684-VZW\_MT\_LO\_H

July 12, 2021  
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**Member Distributed Loads (BLC 66 : Structure Wm (30 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]	
209	M218B	X	1.27	1.27	0	%100
210	M218B	Z	-2.2	-2.2	0	%100
211	M219B	X	1.27	1.27	0	%100
212	M219B	Z	-2.2	-2.2	0	%100
213	M228	X	.268	.268	0	%100
214	M228	Z	-.464	-.464	0	%100
215	M233	X	0	0	0	%100
216	M233	Z	0	0	0	%100
217	M238	X	.268	.268	0	%100
218	M238	Z	-.464	-.464	0	%100
219	M251	X	.333	.333	0	%100
220	M251	Z	-.577	-.577	0	%100
221	M253	X	.333	.333	0	%100
222	M253	Z	-.577	-.577	0	%100
223	M255	X	0	0	0	%100
224	M255	Z	0	0	0	%100
225	M261	X	.268	.268	0	%100
226	M261	Z	-.464	-.464	0	%100
227	M266	X	0	0	0	%100
228	M266	Z	0	0	0	%100
229	M271	X	.268	.268	0	%100
230	M271	Z	-.464	-.464	0	%100
231	M284	X	.333	.333	0	%100
232	M284	Z	-.577	-.577	0	%100
233	M286	X	.333	.333	0	%100
234	M286	Z	-.577	-.577	0	%100
235	M288	X	0	0	0	%100
236	M288	Z	0	0	0	%100
237	M290	X	.176	.176	0	%100
238	M290	Z	-.305	-.305	0	%100
239	M291	X	.512	.512	0	%100
240	M291	Z	-.887	-.887	0	%100
241	M274	X	.285	.285	0	%100
242	M274	Z	-.493	-.493	0	%100
243	M275A	X	.515	.515	0	%100
244	M275A	Z	-.891	-.891	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]	
1	M1	X	1.345	1.345	0	%100
2	M1	Z	-.777	-.777	0	%100
3	M2	X	.336	.336	0	%100
4	M2	Z	-.194	-.194	0	%100
5	M3	X	.336	.336	0	%100
6	M3	Z	-.194	-.194	0	%100
7	M4	X	.323	.323	0	%100
8	M4	Z	-.186	-.186	0	%100
9	M5	X	.285	.285	0	%100
10	M5	Z	-.165	-.165	0	%100
11	M6	X	.249	.249	0	%100
12	M6	Z	-.144	-.144	0	%100
13	M7	X	1.034	1.034	0	%100
14	M7	Z	-.597	-.597	0	%100
15	M8	X	.376	.376	0	%100
16	M8	Z	-.217	-.217	0	%100
17	M9	X	1.185	1.185	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
18	M9	Z	-.684	-.684	0	%100
19	M10	X	1.401	1.401	0	%100
20	M10	Z	-.809	-.809	0	%100
21	M11	X	.188	.188	0	%100
22	M11	Z	-.109	-.109	0	%100
23	M12	X	.578	.578	0	%100
24	M12	Z	-.334	-.334	0	%100
25	M13	X	.578	.578	0	%100
26	M13	Z	-.334	-.334	0	%100
27	M14	X	.578	.578	0	%100
28	M14	Z	-.334	-.334	0	%100
29	M15	X	.578	.578	0	%100
30	M15	Z	-.334	-.334	0	%100
31	M16	X	.156	.156	0	%100
32	M16	Z	-.09	-.09	0	%100
33	M17	X	.161	.161	0	%100
34	M17	Z	-.093	-.093	0	%100
35	M18	X	.156	.156	0	%100
36	M18	Z	-.09	-.09	0	%100
37	M19	X	.188	.188	0	%100
38	M19	Z	-.109	-.109	0	%100
39	M20	X	.578	.578	0	%100
40	M20	Z	-.334	-.334	0	%100
41	M21	X	.578	.578	0	%100
42	M21	Z	-.334	-.334	0	%100
43	M22	X	.578	.578	0	%100
44	M22	Z	-.334	-.334	0	%100
45	M23	X	.578	.578	0	%100
46	M23	Z	-.334	-.334	0	%100
47	M24	X	.156	.156	0	%100
48	M24	Z	-.09	-.09	0	%100
49	M25	X	.161	.161	0	%100
50	M25	Z	-.093	-.093	0	%100
51	M26	X	.156	.156	0	%100
52	M26	Z	-.09	-.09	0	%100
53	M27	X	.753	.753	0	%100
54	M27	Z	-.435	-.435	0	%100
55	M28	X	.578	.578	0	%100
56	M28	Z	-.334	-.334	0	%100
57	M29	X	.578	.578	0	%100
58	M29	Z	-.334	-.334	0	%100
59	M30	X	.578	.578	0	%100
60	M30	Z	-.334	-.334	0	%100
61	M31	X	.578	.578	0	%100
62	M31	Z	-.334	-.334	0	%100
63	M32	X	.624	.624	0	%100
64	M32	Z	-.36	-.36	0	%100
65	M33	X	.643	.643	0	%100
66	M33	Z	-.371	-.371	0	%100
67	M34	X	.624	.624	0	%100
68	M34	Z	-.361	-.361	0	%100
69	M35	X	1.909	1.909	0	%100
70	M35	Z	-1.102	-1.102	0	%100
71	M36	X	1.909	1.909	0	%100
72	M36	Z	-1.102	-1.102	0	%100
73	M37	X	1.909	1.909	0	%100
74	M37	Z	-1.102	-1.102	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
75	M62	X	.251	.251	0 %100
76	M62	Z	-.145	-.145	0 %100
77	M63	X	.081	.081	0 %100
78	M63	Z	-.047	-.047	0 %100
79	M64	X	0	0	0 %100
80	M64	Z	0	0	0 %100
81	M65	X	.225	.225	0 %100
82	M65	Z	-.13	-.13	0 %100
83	M66	X	.251	.251	0 %100
84	M66	Z	-.145	-.145	0 %100
85	M67	X	0	0	0 %100
86	M67	Z	0	0	0 %100
87	M68	X	.081	.081	0 %100
88	M68	Z	-.047	-.047	0 %100
89	M69	X	.225	.225	0 %100
90	M69	Z	-.13	-.13	0 %100
91	M70	X	1.004	1.004	0 %100
92	M70	Z	-.58	-.58	0 %100
93	M71	X	.081	.081	0 %100
94	M71	Z	-.047	-.047	0 %100
95	M72	X	.081	.081	0 %100
96	M72	Z	-.047	-.047	0 %100
97	M73	X	.899	.899	0 %100
98	M73	Z	-.519	-.519	0 %100
99	M74	X	.173	.173	0 %100
100	M74	Z	-.1	-.1	0 %100
101	M75	X	.173	.173	0 %100
102	M75	Z	-.1	-.1	0 %100
103	M76	X	.69	.69	0 %100
104	M76	Z	-.398	-.398	0 %100
105	MP0.5A	X	.767	.767	0 %100
106	MP0.5A	Z	-.443	-.443	0 %100
107	MP1A	X	.511	.511	0 %100
108	MP1A	Z	-.295	-.295	0 %100
109	MP1.8A	X	.466	.466	0 %100
110	MP1.8A	Z	-.269	-.269	0 %100
111	MP1.9A	X	.511	.511	0 %100
112	MP1.9A	Z	-.295	-.295	0 %100
113	MP2A	X	.767	.767	0 %100
114	MP2A	Z	-.443	-.443	0 %100
115	MP4A	X	.767	.767	0 %100
116	MP4A	Z	-.443	-.443	0 %100
117	MP4.1A	X	.511	.511	0 %100
118	MP4.1A	Z	-.295	-.295	0 %100
119	MP5A	X	.511	.511	0 %100
120	MP5A	Z	-.295	-.295	0 %100
121	MP5.5A	X	.767	.767	0 %100
122	MP5.5A	Z	-.443	-.443	0 %100
123	M91	X	.457	.457	0 %100
124	M91	Z	-.264	-.264	0 %100
125	M92	X	.457	.457	0 %100
126	M92	Z	-.264	-.264	0 %100
127	M94	X	.457	.457	0 %100
128	M94	Z	-.264	-.264	0 %100
129	M96	X	.457	.457	0 %100
130	M96	Z	-.264	-.264	0 %100
131	M97	X	.457	.457	0 %100



Company : GPD  
 Designer : ENIETO  
 Job Number : Project No. 10084891  
 Model Name : 467684-VZW\_MT\_LO\_H

July 12, 2021  
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**Member Distributed Loads (BLC 67 : Structure Wm (60 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
132	M97	Z	-.264	-.264	0 %100
133	M98	X	.457	.457	0 %100
134	M98	Z	-.264	-.264	0 %100
135	MP0.5B	X	.767	.767	0 %100
136	MP0.5B	Z	-.443	-.443	0 %100
137	MP1B	X	.511	.511	0 %100
138	MP1B	Z	-.295	-.295	0 %100
139	MP1.8B	X	.466	.466	0 %100
140	MP1.8B	Z	-.269	-.269	0 %100
141	MP1.9B	X	.511	.511	0 %100
142	MP1.9B	Z	-.295	-.295	0 %100
143	MP2B	X	.767	.767	0 %100
144	MP2B	Z	-.443	-.443	0 %100
145	MP4B	X	.767	.767	0 %100
146	MP4B	Z	-.443	-.443	0 %100
147	MP4.1B	X	.511	.511	0 %100
148	MP4.1B	Z	-.295	-.295	0 %100
149	MP5B	X	.511	.511	0 %100
150	MP5B	Z	-.295	-.295	0 %100
151	MP5.5B	X	.767	.767	0 %100
152	MP5.5B	Z	-.443	-.443	0 %100
153	M121	X	.457	.457	0 %100
154	M121	Z	-.264	-.264	0 %100
155	M122	X	.457	.457	0 %100
156	M122	Z	-.264	-.264	0 %100
157	M124	X	.457	.457	0 %100
158	M124	Z	-.264	-.264	0 %100
159	M126	X	.457	.457	0 %100
160	M126	Z	-.264	-.264	0 %100
161	M127	X	.457	.457	0 %100
162	M127	Z	-.264	-.264	0 %100
163	M128	X	.457	.457	0 %100
164	M128	Z	-.264	-.264	0 %100
165	MP0.5C	X	.767	.767	0 %100
166	MP0.5C	Z	-.443	-.443	0 %100
167	MP1C	X	.511	.511	0 %100
168	MP1C	Z	-.295	-.295	0 %100
169	MP1.8C	X	.466	.466	0 %100
170	MP1.8C	Z	-.269	-.269	0 %100
171	MP1.9C	X	.511	.511	0 %100
172	MP1.9C	Z	-.295	-.295	0 %100
173	MP2C	X	.767	.767	0 %100
174	MP2C	Z	-.443	-.443	0 %100
175	MP4C	X	.767	.767	0 %100
176	MP4C	Z	-.443	-.443	0 %100
177	MP4.1C	X	.511	.511	0 %100
178	MP4.1C	Z	-.295	-.295	0 %100
179	MP5C	X	.511	.511	0 %100
180	MP5C	Z	-.295	-.295	0 %100
181	MP5.5C	X	.767	.767	0 %100
182	MP5.5C	Z	-.443	-.443	0 %100
183	M151	X	0	0	0 %100
184	M151	Z	0	0	0 %100
185	M152	X	0	0	0 %100
186	M152	Z	0	0	0 %100
187	M154	X	0	0	0 %100
188	M154	Z	0	0	0 %100



Company : GPD  
 Designer : ENIETO  
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**Member Distributed Loads (BLC 67 : Structure Wm (60 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]	
189	M156	X	0	0	%100	
190	M156	Z	0	0	%100	
191	M157	X	0	0	%100	
192	M157	Z	0	0	%100	
193	M158	X	0	0	%100	
194	M158	Z	0	0	%100	
195	MP3C	X	.511	.511	0	%100
196	MP3C	Z	-.295	-.295	0	%100
197	M218A	X	.457	.457	0	%100
198	M218A	Z	-.264	-.264	0	%100
199	M219A	X	.457	.457	0	%100
200	M219A	Z	-.264	-.264	0	%100
201	M220A	X	.457	.457	0	%100
202	M220A	Z	-.264	-.264	0	%100
203	M221A	X	.457	.457	0	%100
204	M221A	Z	-.264	-.264	0	%100
205	M222A	X	0	0	0	%100
206	M222A	Z	0	0	0	%100
207	M223	X	0	0	0	%100
208	M223	Z	0	0	0	%100
209	M218B	X	.881	.881	0	%100
210	M218B	Z	-.509	-.509	0	%100
211	M219B	X	.881	.881	0	%100
212	M219B	Z	-.509	-.509	0	%100
213	M228	X	.155	.155	0	%100
214	M228	Z	-.089	-.089	0	%100
215	M233	X	.155	.155	0	%100
216	M233	Z	-.089	-.089	0	%100
217	M238	X	.619	.619	0	%100
218	M238	Z	-.357	-.357	0	%100
219	M251	X	.769	.769	0	%100
220	M251	Z	-.444	-.444	0	%100
221	M253	X	.192	.192	0	%100
222	M253	Z	-.111	-.111	0	%100
223	M255	X	.192	.192	0	%100
224	M255	Z	-.111	-.111	0	%100
225	M261	X	.155	.155	0	%100
226	M261	Z	-.089	-.089	0	%100
227	M266	X	.155	.155	0	%100
228	M266	Z	-.089	-.089	0	%100
229	M271	X	.619	.619	0	%100
230	M271	Z	-.357	-.357	0	%100
231	M284	X	.769	.769	0	%100
232	M284	Z	-.444	-.444	0	%100
233	M286	X	.192	.192	0	%100
234	M286	Z	-.111	-.111	0	%100
235	M288	X	.192	.192	0	%100
236	M288	Z	-.111	-.111	0	%100
237	M290	X	.081	.081	0	%100
238	M290	Z	-.046	-.046	0	%100
239	M291	X	.772	.772	0	%100
240	M291	Z	-.446	-.446	0	%100
241	M274	X	.341	.341	0	%100
242	M274	Z	-.197	-.197	0	%100
243	M275A	X	.823	.823	0	%100
244	M275A	Z	-.475	-.475	0	%100



Company : GPD  
 Designer : ENIETO  
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 Model Name : 467684-VZW\_MT\_LO\_H

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.165	1.165	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	1.165	1.165	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	1.424	1.424	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	1.026	1.026	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	1.354	1.354	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	1.094	1.094	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	.667	.667	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	.667	.667	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	.667	.667	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	.667	.667	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	.652	.652	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	.667	.667	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	.667	.667	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	.667	.667	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	.667	.667	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	.54	.54	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	.558	.558	0	%100
50	M25	Z	0	0	0	%100
51	M26	X	.54	.54	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	.652	.652	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	.667	.667	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	.667	.667	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
58	M29	Z	0	0	%100
59	M30	X	.667	.667	%100
60	M30	Z	0	0	%100
61	M31	X	.667	.667	%100
62	M31	Z	0	0	%100
63	M32	X	.54	.54	%100
64	M32	Z	0	0	%100
65	M33	X	.557	.557	%100
66	M33	Z	0	0	%100
67	M34	X	.541	.541	%100
68	M34	Z	0	0	%100
69	M35	X	2.205	2.205	%100
70	M35	Z	0	0	%100
71	M36	X	2.205	2.205	%100
72	M36	Z	0	0	%100
73	M37	X	2.205	2.205	%100
74	M37	Z	0	0	%100
75	M62	X	0	0	%100
76	M62	Z	0	0	%100
77	M63	X	.031	.031	%100
78	M63	Z	0	0	%100
79	M64	X	.031	.031	%100
80	M64	Z	0	0	%100
81	M65	X	0	0	%100
82	M65	Z	0	0	%100
83	M66	X	.869	.869	%100
84	M66	Z	0	0	%100
85	M67	X	.031	.031	%100
86	M67	Z	0	0	%100
87	M68	X	.125	.125	%100
88	M68	Z	0	0	%100
89	M69	X	.779	.779	%100
90	M69	Z	0	0	%100
91	M70	X	.869	.869	%100
92	M70	Z	0	0	%100
93	M71	X	.125	.125	%100
94	M71	Z	0	0	%100
95	M72	X	.031	.031	%100
96	M72	Z	0	0	%100
97	M73	X	.779	.779	%100
98	M73	Z	0	0	%100
99	M74	X	0	0	%100
100	M74	Z	0	0	%100
101	M75	X	.598	.598	%100
102	M75	Z	0	0	%100
103	M76	X	.598	.598	%100
104	M76	Z	0	0	%100
105	MP0.5A	X	.885	.885	%100
106	MP0.5A	Z	0	0	%100
107	MP1A	X	.59	.59	%100
108	MP1A	Z	0	0	%100
109	MP1.8A	X	.538	.538	%100
110	MP1.8A	Z	0	0	%100
111	MP1.9A	X	.59	.59	%100
112	MP1.9A	Z	0	0	%100
113	MP2A	X	.885	.885	%100
114	MP2A	Z	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
115	MP4A	X	.885	.885	0 %100
116	MP4A	Z	0	0	0 %100
117	MP4.1A	X	.59	.59	0 %100
118	MP4.1A	Z	0	0	0 %100
119	MP5A	X	.59	.59	0 %100
120	MP5A	Z	0	0	0 %100
121	MP5.5A	X	.885	.885	0 %100
122	MP5.5A	Z	0	0	0 %100
123	M91	X	.704	.704	0 %100
124	M91	Z	0	0	0 %100
125	M92	X	.704	.704	0 %100
126	M92	Z	0	0	0 %100
127	M94	X	.704	.704	0 %100
128	M94	Z	0	0	0 %100
129	M96	X	.704	.704	0 %100
130	M96	Z	0	0	0 %100
131	M97	X	.704	.704	0 %100
132	M97	Z	0	0	0 %100
133	M98	X	.704	.704	0 %100
134	M98	Z	0	0	0 %100
135	MP0.5B	X	.885	.885	0 %100
136	MP0.5B	Z	0	0	0 %100
137	MP1B	X	.59	.59	0 %100
138	MP1B	Z	0	0	0 %100
139	MP1.8B	X	.538	.538	0 %100
140	MP1.8B	Z	0	0	0 %100
141	MP1.9B	X	.59	.59	0 %100
142	MP1.9B	Z	0	0	0 %100
143	MP2B	X	.885	.885	0 %100
144	MP2B	Z	0	0	0 %100
145	MP4B	X	.885	.885	0 %100
146	MP4B	Z	0	0	0 %100
147	MP4.1B	X	.59	.59	0 %100
148	MP4.1B	Z	0	0	0 %100
149	MP5B	X	.59	.59	0 %100
150	MP5B	Z	0	0	0 %100
151	MP5.5B	X	.885	.885	0 %100
152	MP5.5B	Z	0	0	0 %100
153	M121	X	.176	.176	0 %100
154	M121	Z	0	0	0 %100
155	M122	X	.176	.176	0 %100
156	M122	Z	0	0	0 %100
157	M124	X	.176	.176	0 %100
158	M124	Z	0	0	0 %100
159	M126	X	.176	.176	0 %100
160	M126	Z	0	0	0 %100
161	M127	X	.176	.176	0 %100
162	M127	Z	0	0	0 %100
163	M128	X	.176	.176	0 %100
164	M128	Z	0	0	0 %100
165	MP0.5C	X	.885	.885	0 %100
166	MP0.5C	Z	0	0	0 %100
167	MP1C	X	.59	.59	0 %100
168	MP1C	Z	0	0	0 %100
169	MP1.8C	X	.538	.538	0 %100
170	MP1.8C	Z	0	0	0 %100
171	MP1.9C	X	.59	.59	0 %100





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

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
172	MP1.9C	Z	0	0	%100
173	MP2C	X	.885	.885	%100
174	MP2C	Z	0	0	%100
175	MP4C	X	.885	.885	%100
176	MP4C	Z	0	0	%100
177	MP4.1C	X	.59	.59	%100
178	MP4.1C	Z	0	0	%100
179	MP5C	X	.59	.59	%100
180	MP5C	Z	0	0	%100
181	MP5.5C	X	.885	.885	%100
182	MP5.5C	Z	0	0	%100
183	M151	X	.176	.176	%100
184	M151	Z	0	0	%100
185	M152	X	.176	.176	%100
186	M152	Z	0	0	%100
187	M154	X	.176	.176	%100
188	M154	Z	0	0	%100
189	M156	X	.176	.176	%100
190	M156	Z	0	0	%100
191	M157	X	.176	.176	%100
192	M157	Z	0	0	%100
193	M158	X	.176	.176	%100
194	M158	Z	0	0	%100
195	MP3C	X	.59	.59	%100
196	MP3C	Z	0	0	%100
197	M218A	X	.704	.704	%100
198	M218A	Z	0	0	%100
199	M219A	X	.704	.704	%100
200	M219A	Z	0	0	%100
201	M220A	X	.176	.176	%100
202	M220A	Z	0	0	%100
203	M221A	X	.176	.176	%100
204	M221A	Z	0	0	%100
205	M222A	X	.176	.176	%100
206	M222A	Z	0	0	%100
207	M223	X	.176	.176	%100
208	M223	Z	0	0	%100
209	M218B	X	.023	.023	%100
210	M218B	Z	0	0	%100
211	M219B	X	.023	.023	%100
212	M219B	Z	0	0	%100
213	M228	X	0	0	%100
214	M228	Z	0	0	%100
215	M233	X	.536	.536	%100
216	M233	Z	0	0	%100
217	M238	X	.536	.536	%100
218	M238	Z	0	0	%100
219	M251	X	.666	.666	%100
220	M251	Z	0	0	%100
221	M253	X	0	0	%100
222	M253	Z	0	0	%100
223	M255	X	.666	.666	%100
224	M255	Z	0	0	%100
225	M261	X	0	0	%100
226	M261	Z	0	0	%100
227	M266	X	.536	.536	%100
228	M266	Z	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
229	M271	X	.536	.536	0 %100
230	M271	Z	0	0	0 %100
231	M284	X	.666	.666	0 %100
232	M284	Z	0	0	0 %100
233	M286	X	0	0	0 %100
234	M286	Z	0	0	0 %100
235	M288	X	.666	.666	0 %100
236	M288	Z	0	0	0 %100
237	M290	X	.305	.305	0 %100
238	M290	Z	0	0	0 %100
239	M291	X	.453	.453	0 %100
240	M291	Z	0	0	0 %100
241	M274	X	.538	.538	0 %100
242	M274	Z	0	0	0 %100
243	M275A	X	.691	.691	0 %100
244	M275A	Z	0	0	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.336	.336	0 %100
2	M1	Z	.194	.194	0 %100
3	M2	X	.336	.336	0 %100
4	M2	Z	.194	.194	0 %100
5	M3	X	1.345	1.345	0 %100
6	M3	Z	.777	.777	0 %100
7	M4	X	.323	.323	0 %100
8	M4	Z	.186	.186	0 %100
9	M5	X	.285	.285	0 %100
10	M5	Z	.165	.165	0 %100
11	M6	X	.249	.249	0 %100
12	M6	Z	.144	.144	0 %100
13	M7	X	1.181	1.181	0 %100
14	M7	Z	.682	.682	0 %100
15	M8	X	1.372	1.372	0 %100
16	M8	Z	.792	.792	0 %100
17	M9	X	1.027	1.027	0 %100
18	M9	Z	.593	.593	0 %100
19	M10	X	.384	.384	0 %100
20	M10	Z	.221	.221	0 %100
21	M11	X	.188	.188	0 %100
22	M11	Z	.109	.109	0 %100
23	M12	X	.578	.578	0 %100
24	M12	Z	.334	.334	0 %100
25	M13	X	.578	.578	0 %100
26	M13	Z	.334	.334	0 %100
27	M14	X	.578	.578	0 %100
28	M14	Z	.334	.334	0 %100
29	M15	X	.578	.578	0 %100
30	M15	Z	.334	.334	0 %100
31	M16	X	.156	.156	0 %100
32	M16	Z	.09	.09	0 %100
33	M17	X	.161	.161	0 %100
34	M17	Z	.093	.093	0 %100
35	M18	X	.156	.156	0 %100
36	M18	Z	.09	.09	0 %100
37	M19	X	.753	.753	0 %100



Company : GPD  
 Designer : ENIETO  
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**Member Distributed Loads (BLC 69 : Structure Wm (120 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
38	M19	Z	.435	.435	0 %100
39	M20	X	.578	.578	0 %100
40	M20	Z	.334	.334	0 %100
41	M21	X	.578	.578	0 %100
42	M21	Z	.334	.334	0 %100
43	M22	X	.578	.578	0 %100
44	M22	Z	.334	.334	0 %100
45	M23	X	.578	.578	0 %100
46	M23	Z	.334	.334	0 %100
47	M24	X	.624	.624	0 %100
48	M24	Z	.36	.36	0 %100
49	M25	X	.644	.644	0 %100
50	M25	Z	.372	.372	0 %100
51	M26	X	.624	.624	0 %100
52	M26	Z	.36	.36	0 %100
53	M27	X	.188	.188	0 %100
54	M27	Z	.109	.109	0 %100
55	M28	X	.578	.578	0 %100
56	M28	Z	.334	.334	0 %100
57	M29	X	.578	.578	0 %100
58	M29	Z	.334	.334	0 %100
59	M30	X	.578	.578	0 %100
60	M30	Z	.334	.334	0 %100
61	M31	X	.578	.578	0 %100
62	M31	Z	.334	.334	0 %100
63	M32	X	.156	.156	0 %100
64	M32	Z	.09	.09	0 %100
65	M33	X	.161	.161	0 %100
66	M33	Z	.093	.093	0 %100
67	M34	X	.156	.156	0 %100
68	M34	Z	.09	.09	0 %100
69	M35	X	1.909	1.909	0 %100
70	M35	Z	1.102	1.102	0 %100
71	M36	X	1.909	1.909	0 %100
72	M36	Z	1.102	1.102	0 %100
73	M37	X	1.909	1.909	0 %100
74	M37	Z	1.102	1.102	0 %100
75	M62	X	.251	.251	0 %100
76	M62	Z	.145	.145	0 %100
77	M63	X	0	0	0 %100
78	M63	Z	0	0	0 %100
79	M64	X	.081	.081	0 %100
80	M64	Z	.047	.047	0 %100
81	M65	X	.225	.225	0 %100
82	M65	Z	.13	.13	0 %100
83	M66	X	1.004	1.004	0 %100
84	M66	Z	.58	.58	0 %100
85	M67	X	.081	.081	0 %100
86	M67	Z	.047	.047	0 %100
87	M68	X	.081	.081	0 %100
88	M68	Z	.047	.047	0 %100
89	M69	X	.899	.899	0 %100
90	M69	Z	.519	.519	0 %100
91	M70	X	.251	.251	0 %100
92	M70	Z	.145	.145	0 %100
93	M71	X	.081	.081	0 %100
94	M71	Z	.047	.047	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
95	M72	X	0	0	%100
96	M72	Z	0	0	%100
97	M73	X	.225	.225	%100
98	M73	Z	.13	.13	%100
99	M74	X	.173	.173	%100
100	M74	Z	.1	.1	%100
101	M75	X	.69	.69	%100
102	M75	Z	.398	.398	%100
103	M76	X	.173	.173	%100
104	M76	Z	.1	.1	%100
105	MP0.5A	X	.767	.767	%100
106	MP0.5A	Z	.443	.443	%100
107	MP1A	X	.511	.511	%100
108	MP1A	Z	.295	.295	%100
109	MP1.8A	X	.466	.466	%100
110	MP1.8A	Z	.269	.269	%100
111	MP1.9A	X	.511	.511	%100
112	MP1.9A	Z	.295	.295	%100
113	MP2A	X	.767	.767	%100
114	MP2A	Z	.443	.443	%100
115	MP4A	X	.767	.767	%100
116	MP4A	Z	.443	.443	%100
117	MP4.1A	X	.511	.511	%100
118	MP4.1A	Z	.295	.295	%100
119	MP5A	X	.511	.511	%100
120	MP5A	Z	.295	.295	%100
121	MP5.5A	X	.767	.767	%100
122	MP5.5A	Z	.443	.443	%100
123	M91	X	.457	.457	%100
124	M91	Z	.264	.264	%100
125	M92	X	.457	.457	%100
126	M92	Z	.264	.264	%100
127	M94	X	.457	.457	%100
128	M94	Z	.264	.264	%100
129	M96	X	.457	.457	%100
130	M96	Z	.264	.264	%100
131	M97	X	.457	.457	%100
132	M97	Z	.264	.264	%100
133	M98	X	.457	.457	%100
134	M98	Z	.264	.264	%100
135	MP0.5B	X	.767	.767	%100
136	MP0.5B	Z	.443	.443	%100
137	MP1B	X	.511	.511	%100
138	MP1B	Z	.295	.295	%100
139	MP1.8B	X	.466	.466	%100
140	MP1.8B	Z	.269	.269	%100
141	MP1.9B	X	.511	.511	%100
142	MP1.9B	Z	.295	.295	%100
143	MP2B	X	.767	.767	%100
144	MP2B	Z	.443	.443	%100
145	MP4B	X	.767	.767	%100
146	MP4B	Z	.443	.443	%100
147	MP4.1B	X	.511	.511	%100
148	MP4.1B	Z	.295	.295	%100
149	MP5B	X	.511	.511	%100
150	MP5B	Z	.295	.295	%100
151	MP5.5B	X	.767	.767	%100



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

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
152	MP5.5B	Z	.443	.443	0 %100
153	M121	X	0	0	0 %100
154	M121	Z	0	0	0 %100
155	M122	X	0	0	0 %100
156	M122	Z	0	0	0 %100
157	M124	X	0	0	0 %100
158	M124	Z	0	0	0 %100
159	M126	X	0	0	0 %100
160	M126	Z	0	0	0 %100
161	M127	X	0	0	0 %100
162	M127	Z	0	0	0 %100
163	M128	X	0	0	0 %100
164	M128	Z	0	0	0 %100
165	MP0.5C	X	.767	.767	0 %100
166	MP0.5C	Z	.443	.443	0 %100
167	MP1C	X	.511	.511	0 %100
168	MP1C	Z	.295	.295	0 %100
169	MP1.8C	X	.466	.466	0 %100
170	MP1.8C	Z	.269	.269	0 %100
171	MP1.9C	X	.511	.511	0 %100
172	MP1.9C	Z	.295	.295	0 %100
173	MP2C	X	.767	.767	0 %100
174	MP2C	Z	.443	.443	0 %100
175	MP4C	X	.767	.767	0 %100
176	MP4C	Z	.443	.443	0 %100
177	MP4.1C	X	.511	.511	0 %100
178	MP4.1C	Z	.295	.295	0 %100
179	MP5C	X	.511	.511	0 %100
180	MP5C	Z	.295	.295	0 %100
181	MP5.5C	X	.767	.767	0 %100
182	MP5.5C	Z	.443	.443	0 %100
183	M151	X	.457	.457	0 %100
184	M151	Z	.264	.264	0 %100
185	M152	X	.457	.457	0 %100
186	M152	Z	.264	.264	0 %100
187	M154	X	.457	.457	0 %100
188	M154	Z	.264	.264	0 %100
189	M156	X	.457	.457	0 %100
190	M156	Z	.264	.264	0 %100
191	M157	X	.457	.457	0 %100
192	M157	Z	.264	.264	0 %100
193	M158	X	.457	.457	0 %100
194	M158	Z	.264	.264	0 %100
195	MP3C	X	.511	.511	0 %100
196	MP3C	Z	.295	.295	0 %100
197	M218A	X	.457	.457	0 %100
198	M218A	Z	.264	.264	0 %100
199	M219A	X	.457	.457	0 %100
200	M219A	Z	.264	.264	0 %100
201	M220A	X	0	0	0 %100
202	M220A	Z	0	0	0 %100
203	M221A	X	0	0	0 %100
204	M221A	Z	0	0	0 %100
205	M222A	X	.457	.457	0 %100
206	M222A	Z	.264	.264	0 %100
207	M223	X	.457	.457	0 %100
208	M223	Z	.264	.264	0 %100



Company : GPD  
 Designer : ENIETO  
 Job Number : Project No. 10084891  
 Model Name : 467684-VZW\_MT\_LO\_H

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
209	M218B	X	.478	.478	0	%100
210	M218B	Z	.276	.276	0	%100
211	M219B	X	.478	.478	0	%100
212	M219B	Z	.276	.276	0	%100
213	M228	X	.155	.155	0	%100
214	M228	Z	.089	.089	0	%100
215	M233	X	.619	.619	0	%100
216	M233	Z	.357	.357	0	%100
217	M238	X	.155	.155	0	%100
218	M238	Z	.089	.089	0	%100
219	M251	X	.192	.192	0	%100
220	M251	Z	.111	.111	0	%100
221	M253	X	.192	.192	0	%100
222	M253	Z	.111	.111	0	%100
223	M255	X	.769	.769	0	%100
224	M255	Z	.444	.444	0	%100
225	M261	X	.155	.155	0	%100
226	M261	Z	.089	.089	0	%100
227	M266	X	.619	.619	0	%100
228	M266	Z	.357	.357	0	%100
229	M271	X	.155	.155	0	%100
230	M271	Z	.089	.089	0	%100
231	M284	X	.192	.192	0	%100
232	M284	Z	.111	.111	0	%100
233	M286	X	.192	.192	0	%100
234	M286	Z	.111	.111	0	%100
235	M288	X	.769	.769	0	%100
236	M288	Z	.444	.444	0	%100
237	M290	X	.672	.672	0	%100
238	M290	Z	.388	.388	0	%100
239	M291	X	.128	.128	0	%100
240	M291	Z	.074	.074	0	%100
241	M274	X	.744	.744	0	%100
242	M274	Z	.429	.429	0	%100
243	M275A	X	.443	.443	0	%100
244	M275A	Z	.256	.256	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	.583	.583	0	%100
4	M2	Z	1.009	1.009	0	%100
5	M3	X	.583	.583	0	%100
6	M3	Z	1.009	1.009	0	%100
7	M4	X	.559	.559	0	%100
8	M4	Z	.969	.969	0	%100
9	M5	X	.494	.494	0	%100
10	M5	Z	.855	.855	0	%100
11	M6	X	.432	.432	0	%100
12	M6	Z	.748	.748	0	%100
13	M7	X	.537	.537	0	%100
14	M7	Z	.93	.93	0	%100
15	M8	X	.775	.775	0	%100
16	M8	Z	1.342	1.342	0	%100
17	M9	X	.516	.516	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
18	M9	Z	.894	.894	0 %100
19	M10	X	.158	.158	0 %100
20	M10	Z	.274	.274	0 %100
21	M11	X	.326	.326	0 %100
22	M11	Z	.565	.565	0 %100
23	M12	X	.334	.334	0 %100
24	M12	Z	.578	.578	0 %100
25	M13	X	.334	.334	0 %100
26	M13	Z	.578	.578	0 %100
27	M14	X	.334	.334	0 %100
28	M14	Z	.578	.578	0 %100
29	M15	X	.334	.334	0 %100
30	M15	Z	.578	.578	0 %100
31	M16	X	.27	.27	0 %100
32	M16	Z	.468	.468	0 %100
33	M17	X	.279	.279	0 %100
34	M17	Z	.483	.483	0 %100
35	M18	X	.27	.27	0 %100
36	M18	Z	.468	.468	0 %100
37	M19	X	.326	.326	0 %100
38	M19	Z	.565	.565	0 %100
39	M20	X	.334	.334	0 %100
40	M20	Z	.578	.578	0 %100
41	M21	X	.334	.334	0 %100
42	M21	Z	.578	.578	0 %100
43	M22	X	.334	.334	0 %100
44	M22	Z	.578	.578	0 %100
45	M23	X	.334	.334	0 %100
46	M23	Z	.578	.578	0 %100
47	M24	X	.27	.27	0 %100
48	M24	Z	.468	.468	0 %100
49	M25	X	.279	.279	0 %100
50	M25	Z	.483	.483	0 %100
51	M26	X	.27	.27	0 %100
52	M26	Z	.468	.468	0 %100
53	M27	X	0	0	0 %100
54	M27	Z	0	0	0 %100
55	M28	X	.334	.334	0 %100
56	M28	Z	.578	.578	0 %100
57	M29	X	.334	.334	0 %100
58	M29	Z	.578	.578	0 %100
59	M30	X	.334	.334	0 %100
60	M30	Z	.578	.578	0 %100
61	M31	X	.334	.334	0 %100
62	M31	Z	.578	.578	0 %100
63	M32	X	0	0	0 %100
64	M32	Z	0	0	0 %100
65	M33	X	0	0	0 %100
66	M33	Z	0	0	0 %100
67	M34	X	0	0	0 %100
68	M34	Z	0	0	0 %100
69	M35	X	1.102	1.102	0 %100
70	M35	Z	1.909	1.909	0 %100
71	M36	X	1.102	1.102	0 %100
72	M36	Z	1.909	1.909	0 %100
73	M37	X	1.102	1.102	0 %100
74	M37	Z	1.909	1.909	0 %100







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

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
132	M97	Z	.152	.152	0 %100
133	M98	X	.088	.088	0 %100
134	M98	Z	.152	.152	0 %100
135	MP0.5B	X	.443	.443	0 %100
136	MP0.5B	Z	.767	.767	0 %100
137	MP1B	X	.295	.295	0 %100
138	MP1B	Z	.511	.511	0 %100
139	MP1.8B	X	.269	.269	0 %100
140	MP1.8B	Z	.466	.466	0 %100
141	MP1.9B	X	.295	.295	0 %100
142	MP1.9B	Z	.511	.511	0 %100
143	MP2B	X	.443	.443	0 %100
144	MP2B	Z	.767	.767	0 %100
145	MP4B	X	.443	.443	0 %100
146	MP4B	Z	.767	.767	0 %100
147	MP4.1B	X	.295	.295	0 %100
148	MP4.1B	Z	.511	.511	0 %100
149	MP5B	X	.295	.295	0 %100
150	MP5B	Z	.511	.511	0 %100
151	MP5.5B	X	.443	.443	0 %100
152	MP5.5B	Z	.767	.767	0 %100
153	M121	X	.088	.088	0 %100
154	M121	Z	.152	.152	0 %100
155	M122	X	.088	.088	0 %100
156	M122	Z	.152	.152	0 %100
157	M124	X	.088	.088	0 %100
158	M124	Z	.152	.152	0 %100
159	M126	X	.088	.088	0 %100
160	M126	Z	.152	.152	0 %100
161	M127	X	.088	.088	0 %100
162	M127	Z	.152	.152	0 %100
163	M128	X	.088	.088	0 %100
164	M128	Z	.152	.152	0 %100
165	MP0.5C	X	.443	.443	0 %100
166	MP0.5C	Z	.767	.767	0 %100
167	MP1C	X	.295	.295	0 %100
168	MP1C	Z	.511	.511	0 %100
169	MP1.8C	X	.269	.269	0 %100
170	MP1.8C	Z	.466	.466	0 %100
171	MP1.9C	X	.295	.295	0 %100
172	MP1.9C	Z	.511	.511	0 %100
173	MP2C	X	.443	.443	0 %100
174	MP2C	Z	.767	.767	0 %100
175	MP4C	X	.443	.443	0 %100
176	MP4C	Z	.767	.767	0 %100
177	MP4.1C	X	.295	.295	0 %100
178	MP4.1C	Z	.511	.511	0 %100
179	MP5C	X	.295	.295	0 %100
180	MP5C	Z	.511	.511	0 %100
181	MP5.5C	X	.443	.443	0 %100
182	MP5.5C	Z	.767	.767	0 %100
183	M151	X	.352	.352	0 %100
184	M151	Z	.61	.61	0 %100
185	M152	X	.352	.352	0 %100
186	M152	Z	.61	.61	0 %100
187	M154	X	.352	.352	0 %100
188	M154	Z	.61	.61	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
189	M156	X	.352	.352	0 %100
190	M156	Z	.61	.61	0 %100
191	M157	X	.352	.352	0 %100
192	M157	Z	.61	.61	0 %100
193	M158	X	.352	.352	0 %100
194	M158	Z	.61	.61	0 %100
195	MP3C	X	.295	.295	0 %100
196	MP3C	Z	.511	.511	0 %100
197	M218A	X	.088	.088	0 %100
198	M218A	Z	.152	.152	0 %100
199	M219A	X	.088	.088	0 %100
200	M219A	Z	.152	.152	0 %100
201	M220A	X	.088	.088	0 %100
202	M220A	Z	.152	.152	0 %100
203	M221A	X	.088	.088	0 %100
204	M221A	Z	.152	.152	0 %100
205	M222A	X	.352	.352	0 %100
206	M222A	Z	.61	.61	0 %100
207	M223	X	.352	.352	0 %100
208	M223	Z	.61	.61	0 %100
209	M218B	X	1.038	1.038	0 %100
210	M218B	Z	1.798	1.798	0 %100
211	M219B	X	1.038	1.038	0 %100
212	M219B	Z	1.798	1.798	0 %100
213	M228	X	.268	.268	0 %100
214	M228	Z	.464	.464	0 %100
215	M233	X	.268	.268	0 %100
216	M233	Z	.464	.464	0 %100
217	M238	X	0	0	0 %100
218	M238	Z	0	0	0 %100
219	M251	X	0	0	0 %100
220	M251	Z	0	0	0 %100
221	M253	X	.333	.333	0 %100
222	M253	Z	.577	.577	0 %100
223	M255	X	.333	.333	0 %100
224	M255	Z	.577	.577	0 %100
225	M261	X	.268	.268	0 %100
226	M261	Z	.464	.464	0 %100
227	M266	X	.268	.268	0 %100
228	M266	Z	.464	.464	0 %100
229	M271	X	0	0	0 %100
230	M271	Z	0	0	0 %100
231	M284	X	0	0	0 %100
232	M284	Z	0	0	0 %100
233	M286	X	.333	.333	0 %100
234	M286	Z	.577	.577	0 %100
235	M288	X	.333	.333	0 %100
236	M288	Z	.577	.577	0 %100
237	M290	X	.517	.517	0 %100
238	M290	Z	.896	.896	0 %100
239	M291	X	.141	.141	0 %100
240	M291	Z	.244	.244	0 %100
241	M274	X	.518	.518	0 %100
242	M274	Z	.896	.896	0 %100
243	M275A	X	.295	.295	0 %100
244	M275A	Z	.511	.511	0 %100



Company : GPD  
 Designer : ENIETO  
 Job Number : Project No. 10084891  
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**Member Distributed Loads (BLC 71 : Structure Wm (180 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	.388	.388	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	1.554	1.554	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	.388	.388	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	1.491	1.491	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	1.316	1.316	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	1.152	1.152	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	.843	.843	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	.958	.958	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	1.047	1.047	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	.84	.84	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	.87	.87	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	.667	.667	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	.667	.667	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	.667	.667	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	.667	.667	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	.72	.72	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	.743	.743	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	.72	.72	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	.217	.217	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	.667	.667	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	.667	.667	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	.667	.667	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	.667	.667	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	.18	.18	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	.186	.186	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	.18	.18	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	.217	.217	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	.667	.667	0	%100
57	M29	X	0	0	0	%100



Company : GPD  
 Designer : ENIETO  
 Job Number : Project No. 10084891  
 Model Name : 467684-VZW\_MT\_LO\_H

July 12, 2021  
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**Member Distributed Loads (BLC 71 : Structure Wm (180 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
58	M29	Z	.667	.667	0 %100
59	M30	X	0	0	0 %100
60	M30	Z	.667	.667	0 %100
61	M31	X	0	0	0 %100
62	M31	Z	.667	.667	0 %100
63	M32	X	0	0	0 %100
64	M32	Z	.18	.18	0 %100
65	M33	X	0	0	0 %100
66	M33	Z	.186	.186	0 %100
67	M34	X	0	0	0 %100
68	M34	Z	.18	.18	0 %100
69	M35	X	0	0	0 %100
70	M35	Z	2.205	2.205	0 %100
71	M36	X	0	0	0 %100
72	M36	Z	2.205	2.205	0 %100
73	M37	X	0	0	0 %100
74	M37	Z	2.205	2.205	0 %100
75	M62	X	0	0	0 %100
76	M62	Z	1.159	1.159	0 %100
77	M63	X	0	0	0 %100
78	M63	Z	.094	.094	0 %100
79	M64	X	0	0	0 %100
80	M64	Z	.094	.094	0 %100
81	M65	X	0	0	0 %100
82	M65	Z	1.038	1.038	0 %100
83	M66	X	0	0	0 %100
84	M66	Z	.29	.29	0 %100
85	M67	X	0	0	0 %100
86	M67	Z	.094	.094	0 %100
87	M68	X	0	0	0 %100
88	M68	Z	0	0	0 %100
89	M69	X	0	0	0 %100
90	M69	Z	.26	.26	0 %100
91	M70	X	0	0	0 %100
92	M70	Z	.29	.29	0 %100
93	M71	X	0	0	0 %100
94	M71	Z	0	0	0 %100
95	M72	X	0	0	0 %100
96	M72	Z	.094	.094	0 %100
97	M73	X	0	0	0 %100
98	M73	Z	.26	.26	0 %100
99	M74	X	0	0	0 %100
100	M74	Z	.797	.797	0 %100
101	M75	X	0	0	0 %100
102	M75	Z	.199	.199	0 %100
103	M76	X	0	0	0 %100
104	M76	Z	.199	.199	0 %100
105	MP0.5A	X	0	0	0 %100
106	MP0.5A	Z	.885	.885	0 %100
107	MP1A	X	0	0	0 %100
108	MP1A	Z	.59	.59	0 %100
109	MP1.8A	X	0	0	0 %100
110	MP1.8A	Z	.538	.538	0 %100
111	MP1.9A	X	0	0	0 %100
112	MP1.9A	Z	.59	.59	0 %100
113	MP2A	X	0	0	0 %100
114	MP2A	Z	.885	.885	0 %100





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

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
172	MP1.9C	Z	.59	.59	0 %100
173	MP2C	X	0	0	0 %100
174	MP2C	Z	.885	.885	0 %100
175	MP4C	X	0	0	0 %100
176	MP4C	Z	.885	.885	0 %100
177	MP4.1C	X	0	0	0 %100
178	MP4.1C	Z	.59	.59	0 %100
179	MP5C	X	0	0	0 %100
180	MP5C	Z	.59	.59	0 %100
181	MP5.5C	X	0	0	0 %100
182	MP5.5C	Z	.885	.885	0 %100
183	M151	X	0	0	0 %100
184	M151	Z	.528	.528	0 %100
185	M152	X	0	0	0 %100
186	M152	Z	.528	.528	0 %100
187	M154	X	0	0	0 %100
188	M154	Z	.528	.528	0 %100
189	M156	X	0	0	0 %100
190	M156	Z	.528	.528	0 %100
191	M157	X	0	0	0 %100
192	M157	Z	.528	.528	0 %100
193	M158	X	0	0	0 %100
194	M158	Z	.528	.528	0 %100
195	MP3C	X	0	0	0 %100
196	MP3C	Z	.59	.59	0 %100
197	M218A	X	0	0	0 %100
198	M218A	Z	0	0	0 %100
199	M219A	X	0	0	0 %100
200	M219A	Z	0	0	0 %100
201	M220A	X	0	0	0 %100
202	M220A	Z	.528	.528	0 %100
203	M221A	X	0	0	0 %100
204	M221A	Z	.528	.528	0 %100
205	M222A	X	0	0	0 %100
206	M222A	Z	.528	.528	0 %100
207	M223	X	0	0	0 %100
208	M223	Z	.528	.528	0 %100
209	M218B	X	0	0	0 %100
210	M218B	Z	3.07	3.07	0 %100
211	M219B	X	0	0	0 %100
212	M219B	Z	3.07	3.07	0 %100
213	M228	X	0	0	0 %100
214	M228	Z	.715	.715	0 %100
215	M233	X	0	0	0 %100
216	M233	Z	.179	.179	0 %100
217	M238	X	0	0	0 %100
218	M238	Z	.179	.179	0 %100
219	M251	X	0	0	0 %100
220	M251	Z	.222	.222	0 %100
221	M253	X	0	0	0 %100
222	M253	Z	.888	.888	0 %100
223	M255	X	0	0	0 %100
224	M255	Z	.222	.222	0 %100
225	M261	X	0	0	0 %100
226	M261	Z	.715	.715	0 %100
227	M266	X	0	0	0 %100
228	M266	Z	.179	.179	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
229	M271	X	0	0	0	%100
230	M271	Z	.179	.179	0	%100
231	M284	X	0	0	0	%100
232	M284	Z	.222	.222	0	%100
233	M286	X	0	0	0	%100
234	M286	Z	.888	.888	0	%100
235	M288	X	0	0	0	%100
236	M288	Z	.222	.222	0	%100
237	M290	X	0	0	0	%100
238	M290	Z	.823	.823	0	%100
239	M291	X	0	0	0	%100
240	M291	Z	.72	.72	0	%100
241	M274	X	0	0	0	%100
242	M274	Z	.891	.891	0	%100
243	M275A	X	0	0	0	%100
244	M275A	Z	.849	.849	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.583	-.583	0	%100
2	M1	Z	1.009	1.009	0	%100
3	M2	X	-.583	-.583	0	%100
4	M2	Z	1.009	1.009	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-.559	-.559	0	%100
8	M4	Z	.969	.969	0	%100
9	M5	X	-.494	-.494	0	%100
10	M5	Z	.855	.855	0	%100
11	M6	X	-.432	-.432	0	%100
12	M6	Z	.748	.748	0	%100
13	M7	X	-.452	-.452	0	%100
14	M7	Z	.782	.782	0	%100
15	M8	X	-.2	-.2	0	%100
16	M8	Z	.346	.346	0	%100
17	M9	X	-.608	-.608	0	%100
18	M9	Z	1.052	1.052	0	%100
19	M10	X	-.745	-.745	0	%100
20	M10	Z	1.291	1.291	0	%100
21	M11	X	-.326	-.326	0	%100
22	M11	Z	.565	.565	0	%100
23	M12	X	-.334	-.334	0	%100
24	M12	Z	.578	.578	0	%100
25	M13	X	-.334	-.334	0	%100
26	M13	Z	.578	.578	0	%100
27	M14	X	-.334	-.334	0	%100
28	M14	Z	.578	.578	0	%100
29	M15	X	-.334	-.334	0	%100
30	M15	Z	.578	.578	0	%100
31	M16	X	-.27	-.27	0	%100
32	M16	Z	.468	.468	0	%100
33	M17	X	-.279	-.279	0	%100
34	M17	Z	.483	.483	0	%100
35	M18	X	-.27	-.27	0	%100
36	M18	Z	.468	.468	0	%100
37	M19	X	0	0	0	%100







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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
95	M72	X	-.063	-.063	0 %100
96	M72	Z	.108	.108	0 %100
97	M73	X	-.389	-.389	0 %100
98	M73	Z	.675	.675	0 %100
99	M74	X	-.299	-.299	0 %100
100	M74	Z	.518	.518	0 %100
101	M75	X	0	0	0 %100
102	M75	Z	0	0	0 %100
103	M76	X	-.299	-.299	0 %100
104	M76	Z	.518	.518	0 %100
105	MP0.5A	X	-.443	-.443	0 %100
106	MP0.5A	Z	.767	.767	0 %100
107	MP1A	X	-.295	-.295	0 %100
108	MP1A	Z	.511	.511	0 %100
109	MP1.8A	X	-.269	-.269	0 %100
110	MP1.8A	Z	.466	.466	0 %100
111	MP1.9A	X	-.295	-.295	0 %100
112	MP1.9A	Z	.511	.511	0 %100
113	MP2A	X	-.443	-.443	0 %100
114	MP2A	Z	.767	.767	0 %100
115	MP4A	X	-.443	-.443	0 %100
116	MP4A	Z	.767	.767	0 %100
117	MP4.1A	X	-.295	-.295	0 %100
118	MP4.1A	Z	.511	.511	0 %100
119	MP5A	X	-.295	-.295	0 %100
120	MP5A	Z	.511	.511	0 %100
121	MP5.5A	X	-.443	-.443	0 %100
122	MP5.5A	Z	.767	.767	0 %100
123	M91	X	-.088	-.088	0 %100
124	M91	Z	.152	.152	0 %100
125	M92	X	-.088	-.088	0 %100
126	M92	Z	.152	.152	0 %100
127	M94	X	-.088	-.088	0 %100
128	M94	Z	.152	.152	0 %100
129	M96	X	-.088	-.088	0 %100
130	M96	Z	.152	.152	0 %100
131	M97	X	-.088	-.088	0 %100
132	M97	Z	.152	.152	0 %100
133	M98	X	-.088	-.088	0 %100
134	M98	Z	.152	.152	0 %100
135	MP0.5B	X	-.443	-.443	0 %100
136	MP0.5B	Z	.767	.767	0 %100
137	MP1B	X	-.295	-.295	0 %100
138	MP1B	Z	.511	.511	0 %100
139	MP1.8B	X	-.269	-.269	0 %100
140	MP1.8B	Z	.466	.466	0 %100
141	MP1.9B	X	-.295	-.295	0 %100
142	MP1.9B	Z	.511	.511	0 %100
143	MP2B	X	-.443	-.443	0 %100
144	MP2B	Z	.767	.767	0 %100
145	MP4B	X	-.443	-.443	0 %100
146	MP4B	Z	.767	.767	0 %100
147	MP4.1B	X	-.295	-.295	0 %100
148	MP4.1B	Z	.511	.511	0 %100
149	MP5B	X	-.295	-.295	0 %100
150	MP5B	Z	.511	.511	0 %100
151	MP5.5B	X	-.443	-.443	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
152	MP5.5B	Z	.767	.767	0 %100
153	M121	X	-.352	-.352	0 %100
154	M121	Z	.61	.61	0 %100
155	M122	X	-.352	-.352	0 %100
156	M122	Z	.61	.61	0 %100
157	M124	X	-.352	-.352	0 %100
158	M124	Z	.61	.61	0 %100
159	M126	X	-.352	-.352	0 %100
160	M126	Z	.61	.61	0 %100
161	M127	X	-.352	-.352	0 %100
162	M127	Z	.61	.61	0 %100
163	M128	X	-.352	-.352	0 %100
164	M128	Z	.61	.61	0 %100
165	MP0.5C	X	-.443	-.443	0 %100
166	MP0.5C	Z	.767	.767	0 %100
167	MP1C	X	-.295	-.295	0 %100
168	MP1C	Z	.511	.511	0 %100
169	MP1.8C	X	-.269	-.269	0 %100
170	MP1.8C	Z	.466	.466	0 %100
171	MP1.9C	X	-.295	-.295	0 %100
172	MP1.9C	Z	.511	.511	0 %100
173	MP2C	X	-.443	-.443	0 %100
174	MP2C	Z	.767	.767	0 %100
175	MP4C	X	-.443	-.443	0 %100
176	MP4C	Z	.767	.767	0 %100
177	MP4.1C	X	-.295	-.295	0 %100
178	MP4.1C	Z	.511	.511	0 %100
179	MP5C	X	-.295	-.295	0 %100
180	MP5C	Z	.511	.511	0 %100
181	MP5.5C	X	-.443	-.443	0 %100
182	MP5.5C	Z	.767	.767	0 %100
183	M151	X	-.088	-.088	0 %100
184	M151	Z	.152	.152	0 %100
185	M152	X	-.088	-.088	0 %100
186	M152	Z	.152	.152	0 %100
187	M154	X	-.088	-.088	0 %100
188	M154	Z	.152	.152	0 %100
189	M156	X	-.088	-.088	0 %100
190	M156	Z	.152	.152	0 %100
191	M157	X	-.088	-.088	0 %100
192	M157	Z	.152	.152	0 %100
193	M158	X	-.088	-.088	0 %100
194	M158	Z	.152	.152	0 %100
195	MP3C	X	-.295	-.295	0 %100
196	MP3C	Z	.511	.511	0 %100
197	M218A	X	-.088	-.088	0 %100
198	M218A	Z	.152	.152	0 %100
199	M219A	X	-.088	-.088	0 %100
200	M219A	Z	.152	.152	0 %100
201	M220A	X	-.352	-.352	0 %100
202	M220A	Z	.61	.61	0 %100
203	M221A	X	-.352	-.352	0 %100
204	M221A	Z	.61	.61	0 %100
205	M222A	X	-.088	-.088	0 %100
206	M222A	Z	.152	.152	0 %100
207	M223	X	-.088	-.088	0 %100
208	M223	Z	.152	.152	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
209	M218B	X	-1.27	-1.27	0	%100
210	M218B	Z	2.2	2.2	0	%100
211	M219B	X	-1.27	-1.27	0	%100
212	M219B	Z	2.2	2.2	0	%100
213	M228	X	-.268	-.268	0	%100
214	M228	Z	.464	.464	0	%100
215	M233	X	0	0	0	%100
216	M233	Z	0	0	0	%100
217	M238	X	-.268	-.268	0	%100
218	M238	Z	.464	.464	0	%100
219	M251	X	-.333	-.333	0	%100
220	M251	Z	.577	.577	0	%100
221	M253	X	-.333	-.333	0	%100
222	M253	Z	.577	.577	0	%100
223	M255	X	0	0	0	%100
224	M255	Z	0	0	0	%100
225	M261	X	-.268	-.268	0	%100
226	M261	Z	.464	.464	0	%100
227	M266	X	0	0	0	%100
228	M266	Z	0	0	0	%100
229	M271	X	-.268	-.268	0	%100
230	M271	Z	.464	.464	0	%100
231	M284	X	-.333	-.333	0	%100
232	M284	Z	.577	.577	0	%100
233	M286	X	-.333	-.333	0	%100
234	M286	Z	.577	.577	0	%100
235	M288	X	0	0	0	%100
236	M288	Z	0	0	0	%100
237	M290	X	-.176	-.176	0	%100
238	M290	Z	.305	.305	0	%100
239	M291	X	-.512	-.512	0	%100
240	M291	Z	.887	.887	0	%100
241	M274	X	-.285	-.285	0	%100
242	M274	Z	.493	.493	0	%100
243	M275A	X	-.515	-.515	0	%100
244	M275A	Z	.891	.891	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.345	-1.345	0	%100
2	M1	Z	.777	.777	0	%100
3	M2	X	-.336	-.336	0	%100
4	M2	Z	.194	.194	0	%100
5	M3	X	-.336	-.336	0	%100
6	M3	Z	.194	.194	0	%100
7	M4	X	-.323	-.323	0	%100
8	M4	Z	.186	.186	0	%100
9	M5	X	-.285	-.285	0	%100
10	M5	Z	.165	.165	0	%100
11	M6	X	-.249	-.249	0	%100
12	M6	Z	.144	.144	0	%100
13	M7	X	-1.034	-1.034	0	%100
14	M7	Z	.597	.597	0	%100
15	M8	X	-.376	-.376	0	%100
16	M8	Z	.217	.217	0	%100
17	M9	X	-1.185	-1.185	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
18	M9	Z	.684	.684	0 %100
19	M10	X	-1.401	-1.401	0 %100
20	M10	Z	.809	.809	0 %100
21	M11	X	-.188	-.188	0 %100
22	M11	Z	.109	.109	0 %100
23	M12	X	-.578	-.578	0 %100
24	M12	Z	.334	.334	0 %100
25	M13	X	-.578	-.578	0 %100
26	M13	Z	.334	.334	0 %100
27	M14	X	-.578	-.578	0 %100
28	M14	Z	.334	.334	0 %100
29	M15	X	-.578	-.578	0 %100
30	M15	Z	.334	.334	0 %100
31	M16	X	-.156	-.156	0 %100
32	M16	Z	.09	.09	0 %100
33	M17	X	-.161	-.161	0 %100
34	M17	Z	.093	.093	0 %100
35	M18	X	-.156	-.156	0 %100
36	M18	Z	.09	.09	0 %100
37	M19	X	-.188	-.188	0 %100
38	M19	Z	.109	.109	0 %100
39	M20	X	-.578	-.578	0 %100
40	M20	Z	.334	.334	0 %100
41	M21	X	-.578	-.578	0 %100
42	M21	Z	.334	.334	0 %100
43	M22	X	-.578	-.578	0 %100
44	M22	Z	.334	.334	0 %100
45	M23	X	-.578	-.578	0 %100
46	M23	Z	.334	.334	0 %100
47	M24	X	-.156	-.156	0 %100
48	M24	Z	.09	.09	0 %100
49	M25	X	-.161	-.161	0 %100
50	M25	Z	.093	.093	0 %100
51	M26	X	-.156	-.156	0 %100
52	M26	Z	.09	.09	0 %100
53	M27	X	-.753	-.753	0 %100
54	M27	Z	.435	.435	0 %100
55	M28	X	-.578	-.578	0 %100
56	M28	Z	.334	.334	0 %100
57	M29	X	-.578	-.578	0 %100
58	M29	Z	.334	.334	0 %100
59	M30	X	-.578	-.578	0 %100
60	M30	Z	.334	.334	0 %100
61	M31	X	-.578	-.578	0 %100
62	M31	Z	.334	.334	0 %100
63	M32	X	-.624	-.624	0 %100
64	M32	Z	.36	.36	0 %100
65	M33	X	-.643	-.643	0 %100
66	M33	Z	.371	.371	0 %100
67	M34	X	-.624	-.624	0 %100
68	M34	Z	.361	.361	0 %100
69	M35	X	-1.909	-1.909	0 %100
70	M35	Z	1.102	1.102	0 %100
71	M36	X	-1.909	-1.909	0 %100
72	M36	Z	1.102	1.102	0 %100
73	M37	X	-1.909	-1.909	0 %100
74	M37	Z	1.102	1.102	0 %100





Company : GPD  
 Designer : ENIETO  
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 Model Name : 467684-VZW\_MT\_LO\_H

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
132	M97	Z	.264	.264	0 %100
133	M98	X	-.457	-.457	0 %100
134	M98	Z	.264	.264	0 %100
135	MP0.5B	X	-.767	-.767	0 %100
136	MP0.5B	Z	.443	.443	0 %100
137	MP1B	X	-.511	-.511	0 %100
138	MP1B	Z	.295	.295	0 %100
139	MP1.8B	X	-.466	-.466	0 %100
140	MP1.8B	Z	.269	.269	0 %100
141	MP1.9B	X	-.511	-.511	0 %100
142	MP1.9B	Z	.295	.295	0 %100
143	MP2B	X	-.767	-.767	0 %100
144	MP2B	Z	.443	.443	0 %100
145	MP4B	X	-.767	-.767	0 %100
146	MP4B	Z	.443	.443	0 %100
147	MP4.1B	X	-.511	-.511	0 %100
148	MP4.1B	Z	.295	.295	0 %100
149	MP5B	X	-.511	-.511	0 %100
150	MP5B	Z	.295	.295	0 %100
151	MP5.5B	X	-.767	-.767	0 %100
152	MP5.5B	Z	.443	.443	0 %100
153	M121	X	-.457	-.457	0 %100
154	M121	Z	.264	.264	0 %100
155	M122	X	-.457	-.457	0 %100
156	M122	Z	.264	.264	0 %100
157	M124	X	-.457	-.457	0 %100
158	M124	Z	.264	.264	0 %100
159	M126	X	-.457	-.457	0 %100
160	M126	Z	.264	.264	0 %100
161	M127	X	-.457	-.457	0 %100
162	M127	Z	.264	.264	0 %100
163	M128	X	-.457	-.457	0 %100
164	M128	Z	.264	.264	0 %100
165	MP0.5C	X	-.767	-.767	0 %100
166	MP0.5C	Z	.443	.443	0 %100
167	MP1C	X	-.511	-.511	0 %100
168	MP1C	Z	.295	.295	0 %100
169	MP1.8C	X	-.466	-.466	0 %100
170	MP1.8C	Z	.269	.269	0 %100
171	MP1.9C	X	-.511	-.511	0 %100
172	MP1.9C	Z	.295	.295	0 %100
173	MP2C	X	-.767	-.767	0 %100
174	MP2C	Z	.443	.443	0 %100
175	MP4C	X	-.767	-.767	0 %100
176	MP4C	Z	.443	.443	0 %100
177	MP4.1C	X	-.511	-.511	0 %100
178	MP4.1C	Z	.295	.295	0 %100
179	MP5C	X	-.511	-.511	0 %100
180	MP5C	Z	.295	.295	0 %100
181	MP5.5C	X	-.767	-.767	0 %100
182	MP5.5C	Z	.443	.443	0 %100
183	M151	X	0	0	0 %100
184	M151	Z	0	0	0 %100
185	M152	X	0	0	0 %100
186	M152	Z	0	0	0 %100
187	M154	X	0	0	0 %100
188	M154	Z	0	0	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
189	M156	X	0	0	%100
190	M156	Z	0	0	%100
191	M157	X	0	0	%100
192	M157	Z	0	0	%100
193	M158	X	0	0	%100
194	M158	Z	0	0	%100
195	MP3C	X	-.511	-.511	0
196	MP3C	Z	.295	.295	0
197	M218A	X	-.457	-.457	0
198	M218A	Z	.264	.264	0
199	M219A	X	-.457	-.457	0
200	M219A	Z	.264	.264	0
201	M220A	X	-.457	-.457	0
202	M220A	Z	.264	.264	0
203	M221A	X	-.457	-.457	0
204	M221A	Z	.264	.264	0
205	M222A	X	0	0	0
206	M222A	Z	0	0	0
207	M223	X	0	0	0
208	M223	Z	0	0	0
209	M218B	X	-.881	-.881	0
210	M218B	Z	.509	.509	0
211	M219B	X	-.881	-.881	0
212	M219B	Z	.509	.509	0
213	M228	X	-.155	-.155	0
214	M228	Z	.089	.089	0
215	M233	X	-.155	-.155	0
216	M233	Z	.089	.089	0
217	M238	X	-.619	-.619	0
218	M238	Z	.357	.357	0
219	M251	X	-.769	-.769	0
220	M251	Z	.444	.444	0
221	M253	X	-.192	-.192	0
222	M253	Z	.111	.111	0
223	M255	X	-.192	-.192	0
224	M255	Z	.111	.111	0
225	M261	X	-.155	-.155	0
226	M261	Z	.089	.089	0
227	M266	X	-.155	-.155	0
228	M266	Z	.089	.089	0
229	M271	X	-.619	-.619	0
230	M271	Z	.357	.357	0
231	M284	X	-.769	-.769	0
232	M284	Z	.444	.444	0
233	M286	X	-.192	-.192	0
234	M286	Z	.111	.111	0
235	M288	X	-.192	-.192	0
236	M288	Z	.111	.111	0
237	M290	X	-.081	-.081	0
238	M290	Z	.046	.046	0
239	M291	X	-.772	-.772	0
240	M291	Z	.446	.446	0
241	M274	X	-.341	-.341	0
242	M274	Z	.197	.197	0
243	M275A	X	-.823	-.823	0
244	M275A	Z	.475	.475	0



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.165	-1.165	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-1.165	-1.165	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-1.424	-1.424	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-1.026	-1.026	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-1.354	-1.354	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	-1.094	-1.094	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	-.667	-.667	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	-.667	-.667	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	-.667	-.667	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	-.667	-.667	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	-.652	-.652	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	-.667	-.667	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	-.667	-.667	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	-.667	-.667	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	-.667	-.667	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	-.54	-.54	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	-.558	-.558	0	%100
50	M25	Z	0	0	0	%100
51	M26	X	-.54	-.54	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	-.652	-.652	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	-.667	-.667	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	-.667	-.667	0	%100





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

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
58	M29	Z	0	0	%100
59	M30	X	-.667	-.667	%100
60	M30	Z	0	0	%100
61	M31	X	-.667	-.667	%100
62	M31	Z	0	0	%100
63	M32	X	-.54	-.54	%100
64	M32	Z	0	0	%100
65	M33	X	-.557	-.557	%100
66	M33	Z	0	0	%100
67	M34	X	-.541	-.541	%100
68	M34	Z	0	0	%100
69	M35	X	-2.205	-2.205	%100
70	M35	Z	0	0	%100
71	M36	X	-2.205	-2.205	%100
72	M36	Z	0	0	%100
73	M37	X	-2.205	-2.205	%100
74	M37	Z	0	0	%100
75	M62	X	0	0	%100
76	M62	Z	0	0	%100
77	M63	X	-.031	-.031	%100
78	M63	Z	0	0	%100
79	M64	X	-.031	-.031	%100
80	M64	Z	0	0	%100
81	M65	X	0	0	%100
82	M65	Z	0	0	%100
83	M66	X	-.869	-.869	%100
84	M66	Z	0	0	%100
85	M67	X	-.031	-.031	%100
86	M67	Z	0	0	%100
87	M68	X	-.125	-.125	%100
88	M68	Z	0	0	%100
89	M69	X	-.779	-.779	%100
90	M69	Z	0	0	%100
91	M70	X	-.869	-.869	%100
92	M70	Z	0	0	%100
93	M71	X	-.125	-.125	%100
94	M71	Z	0	0	%100
95	M72	X	-.031	-.031	%100
96	M72	Z	0	0	%100
97	M73	X	-.779	-.779	%100
98	M73	Z	0	0	%100
99	M74	X	0	0	%100
100	M74	Z	0	0	%100
101	M75	X	-.598	-.598	%100
102	M75	Z	0	0	%100
103	M76	X	-.598	-.598	%100
104	M76	Z	0	0	%100
105	MP0.5A	X	-.885	-.885	%100
106	MP0.5A	Z	0	0	%100
107	MP1A	X	-.59	-.59	%100
108	MP1A	Z	0	0	%100
109	MP1.8A	X	-.538	-.538	%100
110	MP1.8A	Z	0	0	%100
111	MP1.9A	X	-.59	-.59	%100
112	MP1.9A	Z	0	0	%100
113	MP2A	X	-.885	-.885	%100
114	MP2A	Z	0	0	%100





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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]	
172	MP1.9C	Z	0	0	%100	
173	MP2C	X	-.885	-.885	0	%100
174	MP2C	Z	0	0	0	%100
175	MP4C	X	-.885	-.885	0	%100
176	MP4C	Z	0	0	0	%100
177	MP4.1C	X	-.59	-.59	0	%100
178	MP4.1C	Z	0	0	0	%100
179	MP5C	X	-.59	-.59	0	%100
180	MP5C	Z	0	0	0	%100
181	MP5.5C	X	-.885	-.885	0	%100
182	MP5.5C	Z	0	0	0	%100
183	M151	X	-.176	-.176	0	%100
184	M151	Z	0	0	0	%100
185	M152	X	-.176	-.176	0	%100
186	M152	Z	0	0	0	%100
187	M154	X	-.176	-.176	0	%100
188	M154	Z	0	0	0	%100
189	M156	X	-.176	-.176	0	%100
190	M156	Z	0	0	0	%100
191	M157	X	-.176	-.176	0	%100
192	M157	Z	0	0	0	%100
193	M158	X	-.176	-.176	0	%100
194	M158	Z	0	0	0	%100
195	MP3C	X	-.59	-.59	0	%100
196	MP3C	Z	0	0	0	%100
197	M218A	X	-.704	-.704	0	%100
198	M218A	Z	0	0	0	%100
199	M219A	X	-.704	-.704	0	%100
200	M219A	Z	0	0	0	%100
201	M220A	X	-.176	-.176	0	%100
202	M220A	Z	0	0	0	%100
203	M221A	X	-.176	-.176	0	%100
204	M221A	Z	0	0	0	%100
205	M222A	X	-.176	-.176	0	%100
206	M222A	Z	0	0	0	%100
207	M223	X	-.176	-.176	0	%100
208	M223	Z	0	0	0	%100
209	M218B	X	-.023	-.023	0	%100
210	M218B	Z	0	0	0	%100
211	M219B	X	-.023	-.023	0	%100
212	M219B	Z	0	0	0	%100
213	M228	X	0	0	0	%100
214	M228	Z	0	0	0	%100
215	M233	X	-.536	-.536	0	%100
216	M233	Z	0	0	0	%100
217	M238	X	-.536	-.536	0	%100
218	M238	Z	0	0	0	%100
219	M251	X	-.666	-.666	0	%100
220	M251	Z	0	0	0	%100
221	M253	X	0	0	0	%100
222	M253	Z	0	0	0	%100
223	M255	X	-.666	-.666	0	%100
224	M255	Z	0	0	0	%100
225	M261	X	0	0	0	%100
226	M261	Z	0	0	0	%100
227	M266	X	-.536	-.536	0	%100
228	M266	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
229	M271	X	-536	-536	0 %100
230	M271	Z	0	0	0 %100
231	M284	X	-666	-666	0 %100
232	M284	Z	0	0	0 %100
233	M286	X	0	0	0 %100
234	M286	Z	0	0	0 %100
235	M288	X	-666	-666	0 %100
236	M288	Z	0	0	0 %100
237	M290	X	-305	-305	0 %100
238	M290	Z	0	0	0 %100
239	M291	X	-453	-453	0 %100
240	M291	Z	0	0	0 %100
241	M274	X	-538	-538	0 %100
242	M274	Z	0	0	0 %100
243	M275A	X	-691	-691	0 %100
244	M275A	Z	0	0	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-336	-336	0 %100
2	M1	Z	-194	-194	0 %100
3	M2	X	-336	-336	0 %100
4	M2	Z	-194	-194	0 %100
5	M3	X	-1.345	-1.345	0 %100
6	M3	Z	-777	-777	0 %100
7	M4	X	-323	-323	0 %100
8	M4	Z	-186	-186	0 %100
9	M5	X	-285	-285	0 %100
10	M5	Z	-165	-165	0 %100
11	M6	X	-249	-249	0 %100
12	M6	Z	-144	-144	0 %100
13	M7	X	-1.181	-1.181	0 %100
14	M7	Z	-682	-682	0 %100
15	M8	X	-1.372	-1.372	0 %100
16	M8	Z	-792	-792	0 %100
17	M9	X	-1.027	-1.027	0 %100
18	M9	Z	-593	-593	0 %100
19	M10	X	-384	-384	0 %100
20	M10	Z	-221	-221	0 %100
21	M11	X	-188	-188	0 %100
22	M11	Z	-109	-109	0 %100
23	M12	X	-578	-578	0 %100
24	M12	Z	-334	-334	0 %100
25	M13	X	-578	-578	0 %100
26	M13	Z	-334	-334	0 %100
27	M14	X	-578	-578	0 %100
28	M14	Z	-334	-334	0 %100
29	M15	X	-578	-578	0 %100
30	M15	Z	-334	-334	0 %100
31	M16	X	-156	-156	0 %100
32	M16	Z	-09	-09	0 %100
33	M17	X	-161	-161	0 %100
34	M17	Z	-093	-093	0 %100
35	M18	X	-156	-156	0 %100
36	M18	Z	-09	-09	0 %100
37	M19	X	-753	-753	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
38	M19	Z	- .435	- .435	0 %100
39	M20	X	- .578	- .578	0 %100
40	M20	Z	- .334	- .334	0 %100
41	M21	X	- .578	- .578	0 %100
42	M21	Z	- .334	- .334	0 %100
43	M22	X	- .578	- .578	0 %100
44	M22	Z	- .334	- .334	0 %100
45	M23	X	- .578	- .578	0 %100
46	M23	Z	- .334	- .334	0 %100
47	M24	X	- .624	- .624	0 %100
48	M24	Z	- .36	- .36	0 %100
49	M25	X	- .644	- .644	0 %100
50	M25	Z	- .372	- .372	0 %100
51	M26	X	- .624	- .624	0 %100
52	M26	Z	- .36	- .36	0 %100
53	M27	X	- .188	- .188	0 %100
54	M27	Z	- .109	- .109	0 %100
55	M28	X	- .578	- .578	0 %100
56	M28	Z	- .334	- .334	0 %100
57	M29	X	- .578	- .578	0 %100
58	M29	Z	- .334	- .334	0 %100
59	M30	X	- .578	- .578	0 %100
60	M30	Z	- .334	- .334	0 %100
61	M31	X	- .578	- .578	0 %100
62	M31	Z	- .334	- .334	0 %100
63	M32	X	- .156	- .156	0 %100
64	M32	Z	- .09	- .09	0 %100
65	M33	X	- .161	- .161	0 %100
66	M33	Z	- .093	- .093	0 %100
67	M34	X	- .156	- .156	0 %100
68	M34	Z	- .09	- .09	0 %100
69	M35	X	- 1.909	- 1.909	0 %100
70	M35	Z	- 1.102	- 1.102	0 %100
71	M36	X	- 1.909	- 1.909	0 %100
72	M36	Z	- 1.102	- 1.102	0 %100
73	M37	X	- 1.909	- 1.909	0 %100
74	M37	Z	- 1.102	- 1.102	0 %100
75	M62	X	- .251	- .251	0 %100
76	M62	Z	- .145	- .145	0 %100
77	M63	X	0	0	0 %100
78	M63	Z	0	0	0 %100
79	M64	X	- .081	- .081	0 %100
80	M64	Z	- .047	- .047	0 %100
81	M65	X	- .225	- .225	0 %100
82	M65	Z	- .13	- .13	0 %100
83	M66	X	- 1.004	- 1.004	0 %100
84	M66	Z	- .58	- .58	0 %100
85	M67	X	- .081	- .081	0 %100
86	M67	Z	- .047	- .047	0 %100
87	M68	X	- .081	- .081	0 %100
88	M68	Z	- .047	- .047	0 %100
89	M69	X	- .899	- .899	0 %100
90	M69	Z	- .519	- .519	0 %100
91	M70	X	- .251	- .251	0 %100
92	M70	Z	- .145	- .145	0 %100
93	M71	X	- .081	- .081	0 %100
94	M71	Z	- .047	- .047	0 %100



Company : GPD  
 Designer : ENIETO  
 Job Number : Project No. 10084891  
 Model Name : 467684-VZW\_MT\_LO\_H

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]	
95	M72	X	0	0	%100	
96	M72	Z	0	0	%100	
97	M73	X	-.225	-.225	0	%100
98	M73	Z	-.13	-.13	0	%100
99	M74	X	-.173	-.173	0	%100
100	M74	Z	-.1	-.1	0	%100
101	M75	X	-.69	-.69	0	%100
102	M75	Z	-.398	-.398	0	%100
103	M76	X	-.173	-.173	0	%100
104	M76	Z	-.1	-.1	0	%100
105	MP0.5A	X	-.767	-.767	0	%100
106	MP0.5A	Z	-.443	-.443	0	%100
107	MP1A	X	-.511	-.511	0	%100
108	MP1A	Z	-.295	-.295	0	%100
109	MP1.8A	X	-.466	-.466	0	%100
110	MP1.8A	Z	-.269	-.269	0	%100
111	MP1.9A	X	-.511	-.511	0	%100
112	MP1.9A	Z	-.295	-.295	0	%100
113	MP2A	X	-.767	-.767	0	%100
114	MP2A	Z	-.443	-.443	0	%100
115	MP4A	X	-.767	-.767	0	%100
116	MP4A	Z	-.443	-.443	0	%100
117	MP4.1A	X	-.511	-.511	0	%100
118	MP4.1A	Z	-.295	-.295	0	%100
119	MP5A	X	-.511	-.511	0	%100
120	MP5A	Z	-.295	-.295	0	%100
121	MP5.5A	X	-.767	-.767	0	%100
122	MP5.5A	Z	-.443	-.443	0	%100
123	M91	X	-.457	-.457	0	%100
124	M91	Z	-.264	-.264	0	%100
125	M92	X	-.457	-.457	0	%100
126	M92	Z	-.264	-.264	0	%100
127	M94	X	-.457	-.457	0	%100
128	M94	Z	-.264	-.264	0	%100
129	M96	X	-.457	-.457	0	%100
130	M96	Z	-.264	-.264	0	%100
131	M97	X	-.457	-.457	0	%100
132	M97	Z	-.264	-.264	0	%100
133	M98	X	-.457	-.457	0	%100
134	M98	Z	-.264	-.264	0	%100
135	MP0.5B	X	-.767	-.767	0	%100
136	MP0.5B	Z	-.443	-.443	0	%100
137	MP1B	X	-.511	-.511	0	%100
138	MP1B	Z	-.295	-.295	0	%100
139	MP1.8B	X	-.466	-.466	0	%100
140	MP1.8B	Z	-.269	-.269	0	%100
141	MP1.9B	X	-.511	-.511	0	%100
142	MP1.9B	Z	-.295	-.295	0	%100
143	MP2B	X	-.767	-.767	0	%100
144	MP2B	Z	-.443	-.443	0	%100
145	MP4B	X	-.767	-.767	0	%100
146	MP4B	Z	-.443	-.443	0	%100
147	MP4.1B	X	-.511	-.511	0	%100
148	MP4.1B	Z	-.295	-.295	0	%100
149	MP5B	X	-.511	-.511	0	%100
150	MP5B	Z	-.295	-.295	0	%100
151	MP5.5B	X	-.767	-.767	0	%100





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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
209	M218B	X	- .478	- .478	0	%100
210	M218B	Z	- .276	- .276	0	%100
211	M219B	X	- .478	- .478	0	%100
212	M219B	Z	- .276	- .276	0	%100
213	M228	X	- .155	- .155	0	%100
214	M228	Z	- .089	- .089	0	%100
215	M233	X	- .619	- .619	0	%100
216	M233	Z	- .357	- .357	0	%100
217	M238	X	- .155	- .155	0	%100
218	M238	Z	- .089	- .089	0	%100
219	M251	X	- .192	- .192	0	%100
220	M251	Z	- .111	- .111	0	%100
221	M253	X	- .192	- .192	0	%100
222	M253	Z	- .111	- .111	0	%100
223	M255	X	- .769	- .769	0	%100
224	M255	Z	- .444	- .444	0	%100
225	M261	X	- .155	- .155	0	%100
226	M261	Z	- .089	- .089	0	%100
227	M266	X	- .619	- .619	0	%100
228	M266	Z	- .357	- .357	0	%100
229	M271	X	- .155	- .155	0	%100
230	M271	Z	- .089	- .089	0	%100
231	M284	X	- .192	- .192	0	%100
232	M284	Z	- .111	- .111	0	%100
233	M286	X	- .192	- .192	0	%100
234	M286	Z	- .111	- .111	0	%100
235	M288	X	- .769	- .769	0	%100
236	M288	Z	- .444	- .444	0	%100
237	M290	X	- .672	- .672	0	%100
238	M290	Z	- .388	- .388	0	%100
239	M291	X	- .128	- .128	0	%100
240	M291	Z	- .074	- .074	0	%100
241	M274	X	- .744	- .744	0	%100
242	M274	Z	- .429	- .429	0	%100
243	M275A	X	- .443	- .443	0	%100
244	M275A	Z	- .256	- .256	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	- .583	- .583	0	%100
4	M2	Z	- 1.009	- 1.009	0	%100
5	M3	X	- .583	- .583	0	%100
6	M3	Z	- 1.009	- 1.009	0	%100
7	M4	X	- .559	- .559	0	%100
8	M4	Z	- .969	- .969	0	%100
9	M5	X	- .494	- .494	0	%100
10	M5	Z	- .855	- .855	0	%100
11	M6	X	- .432	- .432	0	%100
12	M6	Z	- .748	- .748	0	%100
13	M7	X	- .537	- .537	0	%100
14	M7	Z	- .93	- .93	0	%100
15	M8	X	- .775	- .775	0	%100
16	M8	Z	- 1.342	- 1.342	0	%100
17	M9	X	- .516	- .516	0	%100









Company : GPD  
 Designer : ENIETO  
 Job Number : Project No. 10084891  
 Model Name : 467684-VZW\_MT\_LO\_H

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

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
132	M97	Z	-152	0	%100
133	M98	X	-088	0	%100
134	M98	Z	-152	0	%100
135	MP0.5B	X	-443	0	%100
136	MP0.5B	Z	-767	0	%100
137	MP1B	X	-295	0	%100
138	MP1B	Z	-511	0	%100
139	MP1.8B	X	-269	0	%100
140	MP1.8B	Z	-466	0	%100
141	MP1.9B	X	-295	0	%100
142	MP1.9B	Z	-511	0	%100
143	MP2B	X	-443	0	%100
144	MP2B	Z	-767	0	%100
145	MP4B	X	-443	0	%100
146	MP4B	Z	-767	0	%100
147	MP4.1B	X	-295	0	%100
148	MP4.1B	Z	-511	0	%100
149	MP5B	X	-295	0	%100
150	MP5B	Z	-511	0	%100
151	MP5.5B	X	-443	0	%100
152	MP5.5B	Z	-767	0	%100
153	M121	X	-088	0	%100
154	M121	Z	-152	0	%100
155	M122	X	-088	0	%100
156	M122	Z	-152	0	%100
157	M124	X	-088	0	%100
158	M124	Z	-152	0	%100
159	M126	X	-088	0	%100
160	M126	Z	-152	0	%100
161	M127	X	-088	0	%100
162	M127	Z	-152	0	%100
163	M128	X	-088	0	%100
164	M128	Z	-152	0	%100
165	MP0.5C	X	-443	0	%100
166	MP0.5C	Z	-767	0	%100
167	MP1C	X	-295	0	%100
168	MP1C	Z	-511	0	%100
169	MP1.8C	X	-269	0	%100
170	MP1.8C	Z	-466	0	%100
171	MP1.9C	X	-295	0	%100
172	MP1.9C	Z	-511	0	%100
173	MP2C	X	-443	0	%100
174	MP2C	Z	-767	0	%100
175	MP4C	X	-443	0	%100
176	MP4C	Z	-767	0	%100
177	MP4.1C	X	-295	0	%100
178	MP4.1C	Z	-511	0	%100
179	MP5C	X	-295	0	%100
180	MP5C	Z	-511	0	%100
181	MP5.5C	X	-443	0	%100
182	MP5.5C	Z	-767	0	%100
183	M151	X	-352	0	%100
184	M151	Z	-61	0	%100
185	M152	X	-352	0	%100
186	M152	Z	-61	0	%100
187	M154	X	-352	0	%100
188	M154	Z	-61	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
189	M156	X	-352	-352	0 %100
190	M156	Z	-61	-61	0 %100
191	M157	X	-352	-352	0 %100
192	M157	Z	-61	-61	0 %100
193	M158	X	-352	-352	0 %100
194	M158	Z	-61	-61	0 %100
195	MP3C	X	-295	-295	0 %100
196	MP3C	Z	-511	-511	0 %100
197	M218A	X	-088	-088	0 %100
198	M218A	Z	-152	-152	0 %100
199	M219A	X	-088	-088	0 %100
200	M219A	Z	-152	-152	0 %100
201	M220A	X	-088	-088	0 %100
202	M220A	Z	-152	-152	0 %100
203	M221A	X	-088	-088	0 %100
204	M221A	Z	-152	-152	0 %100
205	M222A	X	-352	-352	0 %100
206	M222A	Z	-61	-61	0 %100
207	M223	X	-352	-352	0 %100
208	M223	Z	-61	-61	0 %100
209	M218B	X	-1.038	-1.038	0 %100
210	M218B	Z	-1.798	-1.798	0 %100
211	M219B	X	-1.038	-1.038	0 %100
212	M219B	Z	-1.798	-1.798	0 %100
213	M228	X	-268	-268	0 %100
214	M228	Z	-464	-464	0 %100
215	M233	X	-268	-268	0 %100
216	M233	Z	-464	-464	0 %100
217	M238	X	0	0	0 %100
218	M238	Z	0	0	0 %100
219	M251	X	0	0	0 %100
220	M251	Z	0	0	0 %100
221	M253	X	-333	-333	0 %100
222	M253	Z	-577	-577	0 %100
223	M255	X	-333	-333	0 %100
224	M255	Z	-577	-577	0 %100
225	M261	X	-268	-268	0 %100
226	M261	Z	-464	-464	0 %100
227	M266	X	-268	-268	0 %100
228	M266	Z	-464	-464	0 %100
229	M271	X	0	0	0 %100
230	M271	Z	0	0	0 %100
231	M284	X	0	0	0 %100
232	M284	Z	0	0	0 %100
233	M286	X	-333	-333	0 %100
234	M286	Z	-577	-577	0 %100
235	M288	X	-333	-333	0 %100
236	M288	Z	-577	-577	0 %100
237	M290	X	-517	-517	0 %100
238	M290	Z	-896	-896	0 %100
239	M291	X	-141	-141	0 %100
240	M291	Z	-244	-244	0 %100
241	M274	X	-518	-518	0 %100
242	M274	Z	-896	-896	0 %100
243	M275A	X	-295	-295	0 %100
244	M275A	Z	-511	-511	0 %100





Company : GPD  
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 Job Number : Project No. 10084891  
 Model Name : 467684-VZW\_MT\_LO\_H

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

Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]	
6	M2	Y	-.644	-11.697	0	2.132
7	M2	Y	-11.697	-18.826	2.132	4.264
8	M2	Y	-18.826	-20.335	4.264	6.395
9	M2	Y	-20.335	-21.407	6.395	8.527
10	M2	Y	-21.407	-20.481	8.527	10.659
11	M2	Y	-20.481	-12.547	10.659	12.791
12	M2	Y	-12.547	-.644	12.791	14.923
13	M3	Y	-1.71	-11.103	0	1.791
14	M3	Y	-11.103	-12.487	1.791	3.581
15	M3	Y	-12.487	-9.185	3.581	5.372
16	M3	Y	-9.185	-7.354	5.372	7.163
17	M3	Y	-7.354	-3.673	7.163	8.954
18	M4	Y	-21.74	-31.727	.167	2.122
19	M4	Y	-31.727	-37.847	2.122	4.078
20	M4	Y	-37.847	-38.389	4.078	6.034
21	M4	Y	-38.389	-31.406	6.034	7.989
22	M4	Y	-31.406	-18.613	7.989	9.945
23	M5	Y	-11.948	-12.628	.167	1.429
24	M5	Y	-12.628	-19.415	1.429	2.692
25	M5	Y	-19.415	-19.313	2.692	3.955
26	M5	Y	-19.313	-12.369	3.955	5.218
27	M5	Y	-12.369	-11.578	5.218	6.481
28	M1	Y	-59.519	-19.091	.513	.641
29	M1	Y	-19.091	1.123	.641	.769
30	M1	Y	1.123	1.123	.769	.897
31	M1	Y	1.123	1.123	.897	1.025
32	M1	Y	1.123	1.123	1.025	1.153
33	M1	Y	1.123	-15.907	1.153	1.28
34	M1	Y	-15.907	-25.762	1.28	1.408
35	M1	Y	-25.762	-8.732	1.408	1.536
36	M1	Y	-8.732	1.123	1.536	1.664
37	M1	Y	1.123	-8.731	1.664	1.792
38	M1	Y	-8.731	-25.756	1.792	1.919
39	M1	Y	-25.756	-15.902	1.919	2.047
40	M1	Y	-15.902	1.123	2.047	2.175
41	M1	Y	1.123	1.123	2.175	2.303
42	M1	Y	1.123	1.123	2.303	2.431
43	M1	Y	1.123	1.123	2.431	2.559
44	M1	Y	1.123	-19.082	2.559	2.686
45	M1	Y	-19.082	-59.491	2.686	2.814
46	M3	Y	-6.024	-6.024	12.536	13.982
47	M6	Y	-4.632	-6.846	.766	1.963
48	M6	Y	-6.846	-9.059	1.963	3.161

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N2	N3	N7	N6	Y	Two Way	-.01
2	N8	N9	N1		Y	Two Way	-.01

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N2	N3	N7	N6	Y	Two Way	-.01
2	N8	N9	N1		Y	Two Way	-.01















**TIA-222-H CONNECTION CHECK**  
**Mod V-kit to Tower Connection - Typ. All Sectors**  
**2021740.467684.02**

Bolt Information		
Bolt Diameter (d)	0.625	in
Net Tensile Area (A <sub>n</sub> )	0.226	in <sup>2</sup>
# of Bolts Total (n)	4	
Bolt Distance Up-Down	6	in
Bolt Distance Left-Right	6	in
Bolt Grade	A325N	
Bolt Tensile Strength (F <sub>ub</sub> )	120	ksi

RISA 3D Reactions		
Moment (M)	0.00	k-ft
Axial (T)	-2.86	kips
Shear (V)	4.83	kips

Bolt Capacity		
Nominal Tensile Strength (R <sub>nt</sub> )	27.120	kips
Nominal Shear Strength (R <sub>nv</sub> )	18.41	kips
Bolt Tensile Force (T <sub>ub</sub> )	-0.71	kips
Bolt Shear Force (V <sub>ub</sub> )	1.208	kips
$T_{ub}/\phi R_{nt}$	-0.03511	
$V_{ub}/\phi R_{nv}$	0.08749	
$(V_{ub}/\phi R_{nv})^2 + (T_{ub}/\phi R_{nt})^2$	0.00889	
<b>Bolt Capacity =</b>	<b>8.7%</b>	<b>OK</b>

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

## Documents & Photos Required from Contractor – Mount Modification

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**Purpose** – to provide TES 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 TES 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 TES.
  - 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 TES 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 TES 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 TES certification, invoices, or specifications validating accepted status

Certifying Individual: Company \_\_\_\_\_

Name \_\_\_\_\_

Signature \_\_\_\_\_

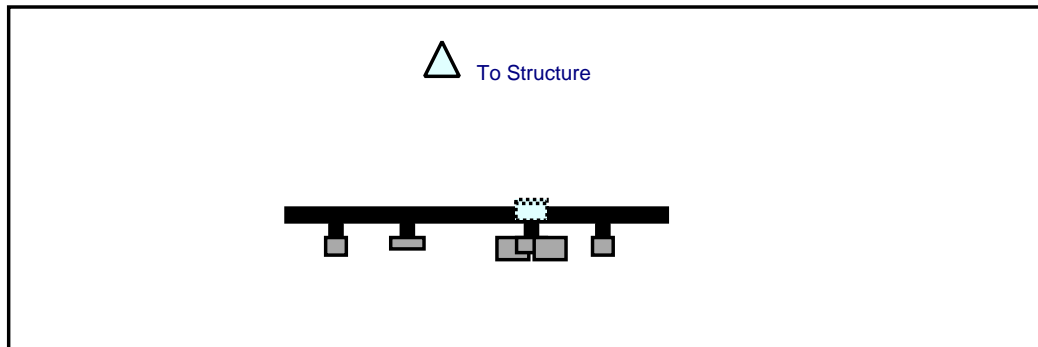


## Schedule A – Photo & Document File Structure

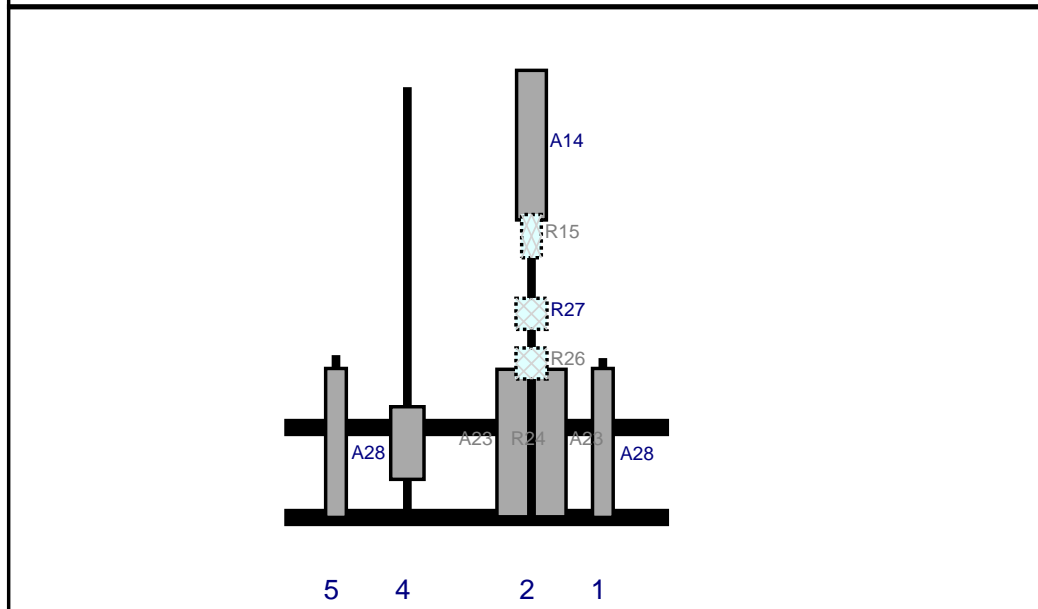
- 📁 VzW Site Number / Name
  - 📁 Base & “During Installation” Photos
  - 📁 Pre-Installation Photos
    - 📁 Alpha
    - 📁 Beta
    - 📁 Gamma
    - 📁 Ground Level
    - 📁 Tape Drop
  - 📁 Post-Installation Photos
    - 📁 Alpha
    - 📁 Beta
    - 📁 Gamma
    - 📁 Ground Level
    - 📁 Tape Drop
    - 📁 Photos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



Plan View

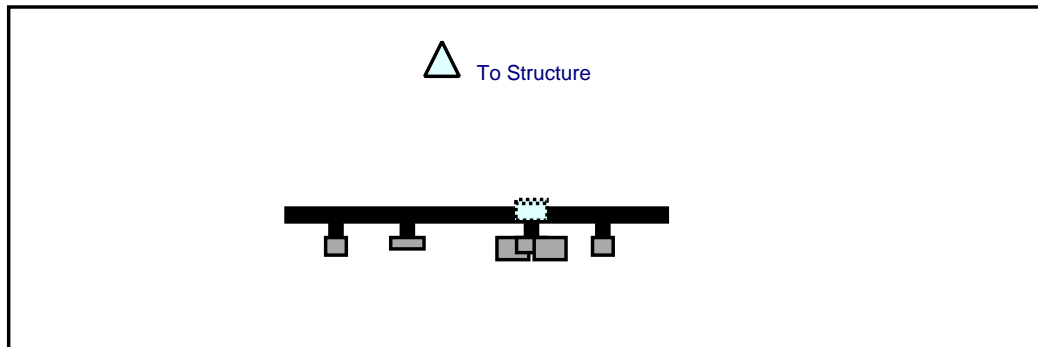


Front View  
Looking at Structure

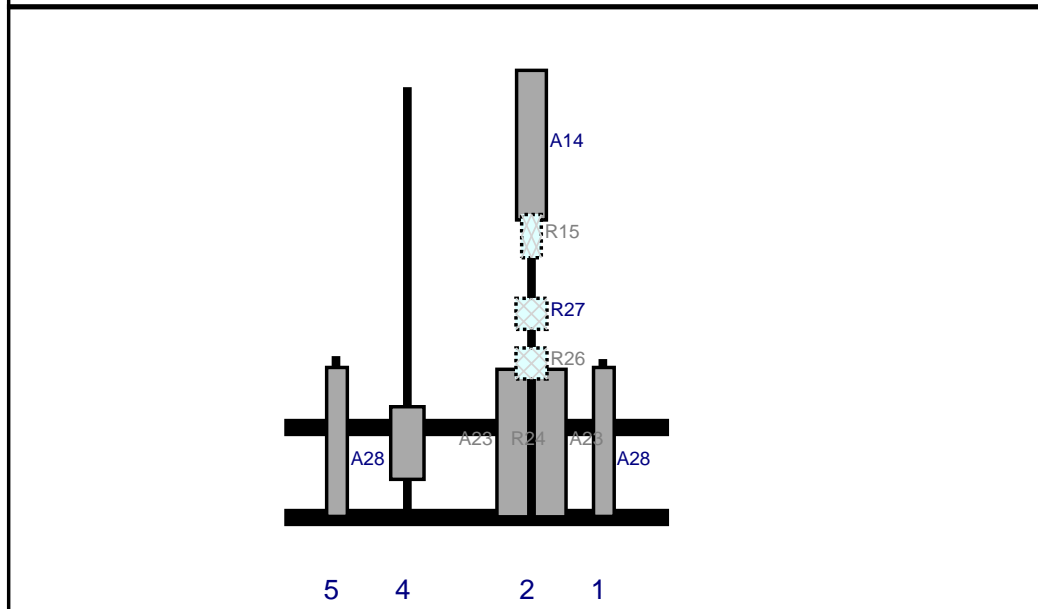


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A28	DB846F65ZAXY	72	10	154	1	a	Front	36.36	0	Retained	03/29/2021
A14	Panel 72x14x7	72.3	14.4	119.5	2	a	Front	28.02	0	Retained	03/29/2021
A23	MX06FRO660-03	71.3	15.4	119.5	2	a	Front	172.02	9	Added	
A23	MX06FRO660-03	71.3	15.4	119.5	2	b	Front	172.02	-9	Added	
R15	RRUS 32	20.9	9.5	119.5	2	a	Behind	72	0	Retained	03/29/2021
R26	B2/B66A RRH-BR049	15	15	119.5	2	a	Behind	133.56	0	Added	
R27	B5/B13 RRH-BR04C	15	15	119.5	2	a	Behind	109.56	0	Added	
R24	MT6407-77A	35.1	16.1	59.5	4	a	Front	172.02	0	Added	
A28	DB846F65ZAXY	72	10	25	5	a	Front	36.36	0	Retained	03/29/2021

Plan View

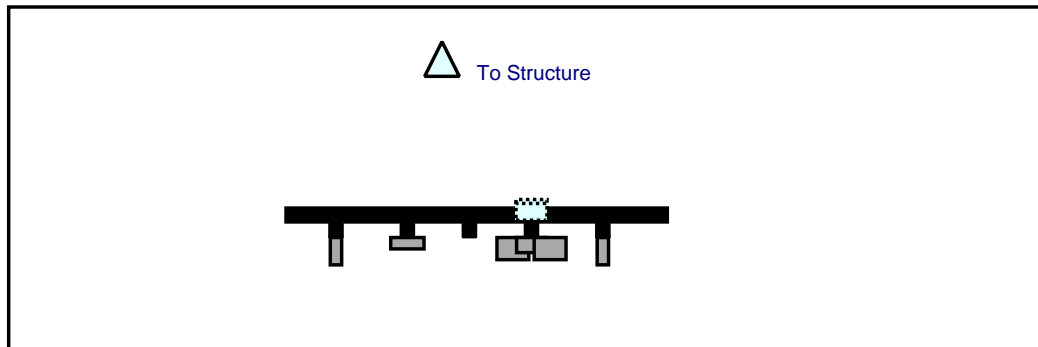


Front View  
Looking at Structure

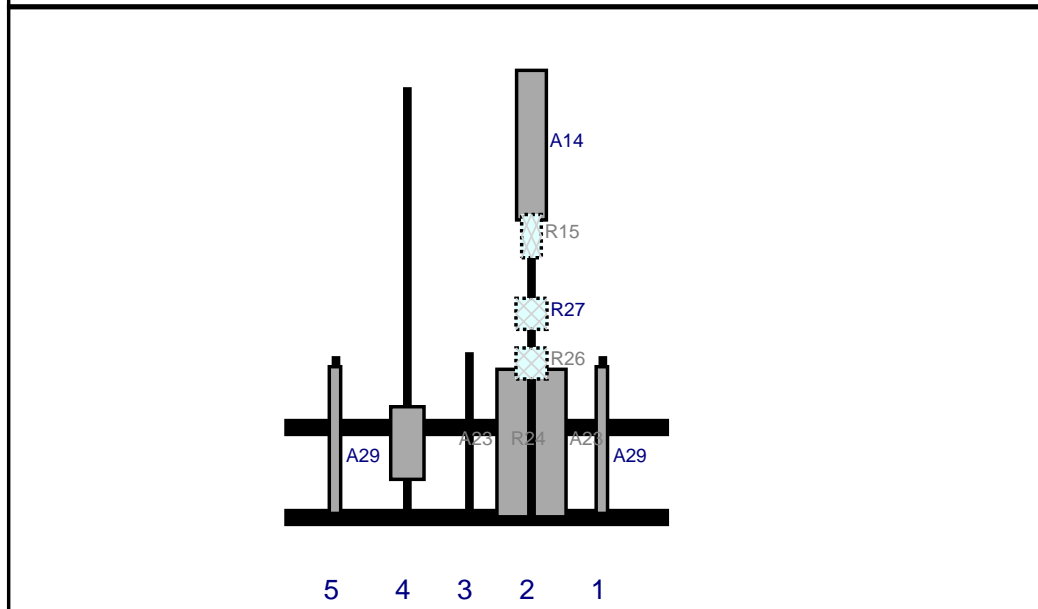


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R15	RRUS 32	20.9	9.5	119.5	2	a	Behind	72	0	Retained	03/29/2021
R26	B2/B66A RRH-BR049	15	15	119.5	2	a	Behind	133.56	0	Added	
R27	B5/B13 RRH-BR04C	15	15	119.5	2	a	Behind	109.56	0	Added	
R24	MT6407-77A	35.1	16.1	59.5	4	a	Front	172.02	0	Added	
A28	DB846F65ZAXY	72	10	25	5	a	Front	36.36	0	Retained	03/29/2021

Plan View



Front View  
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A29	LPA80080/6CF	70.9	5.5	154	1	a	Front	36.42	0	Leased	03/29/2021
A14	Panel 72x14x7	72.3	14.4	119.5	2	a	Front	28.02	0	Retained	03/29/2021
A23	MX06FRO660-03	71.3	15.4	119.5	2	a	Front	172.02	9	Added	
A23	MX06FRO660-03	71.3	15.4	119.5	2	b	Front	172.02	-9	Added	
R15	RRUS 32	20.9	9.5	119.5	2	a	Behind	72	0	Retained	03/29/2021
R26	B2/B66A RRH-BR049	15	15	119.5	2	a	Behind	133.56	0	Added	
R27	B5/B13 RRH-BR04C	15	15	119.5	2	a	Behind	109.56	0	Added	
R24	MT6407-77A	35.1	16.1	59.5	4	a	Front	172.02	0	Added	
A29	LPA80080/6CF	70.9	5.5	25	5	a	Front	36.42	0	Leased	03/29/2021

Subject TIA-222-H Usage

Site Information Site ID: 467684-VZW / CROMWELL SW CT  
Site Name: CROMWELL SW CT  
Carrier Name: Verizon Wireless  
Address: 100 Berlin Road, Cromwell, Connecticut 06416, Middlesex County  
Latitude: 41.606210°  
Longitude: -72.701206°

Structure Information Tower Type: Self Support/Monopole  
Mount Type: 15.50-Ft Platform Mount

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

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

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

Sincerely,

GPD Group



Christopher J. Scheks, P.E.  
Connecticut #: 0030026

Site Name: **CROMWELL SW CT**

**Cumulative Power Density**

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissible Exposure*	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm <sup>2</sup> )	(mW/cm <sup>2</sup> )	(%)
VZW 700	751	4	638	2552	88	0.0119	0.5007	2.37%
VZW Cellular	874	4	638	2552	88	0.0119	0.5827	2.03%
VZW PCS	1975	4	1462	5846	88	0.0271	1.0000	2.71%
VZW AWS	2120	4	1566	6264	88	0.0291	1.0000	2.91%
VZW CBAND	3730.08	4	6531	26125	88	0.1213	1.0000	12.13%

**Total Percentage of Maximum Permissible Exposure** 22.16%

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

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

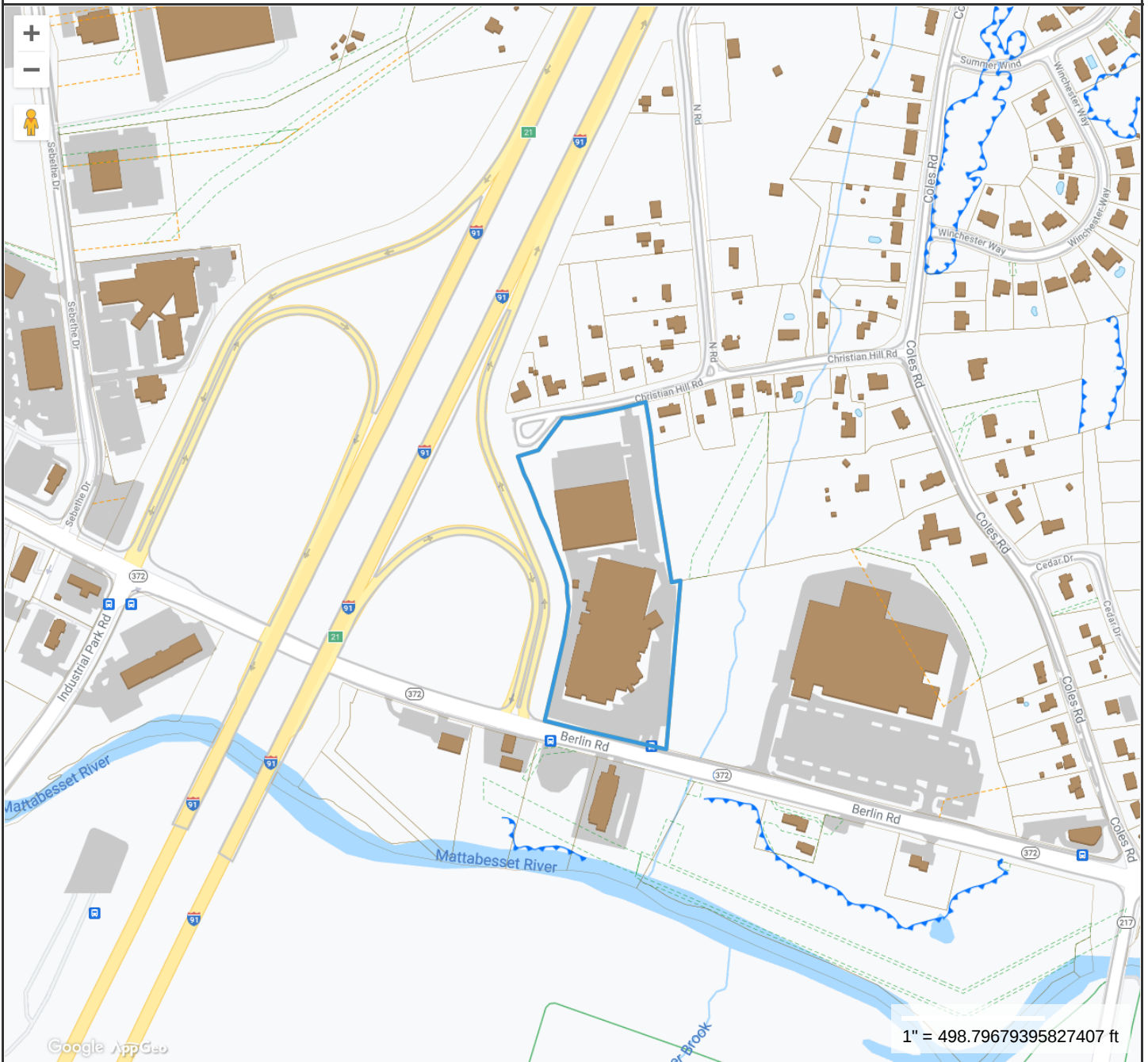
MHz = Megahertz

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

ERP = Effective Radiated Power

Absolute worst case maximum values used.

# 411261-CROMWELLSW CT



**Property Information**

Property ID 00459100  
 Location 100 BERLIN ROA  
 Owner  
 Owner Address  
 Map Block Lot



**MAP FOR REFERENCE ONLY  
NOT A LEGAL DOCUMENT**

Town of Cromwell, CT makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated 6/25/2021  
 Data updated on a daily basis

Print map scale is approximate.  
 Critical layout or measurement activities should not be done using this resource.



**Patriot Properties Inc.**

Parcel ID: **00459100** Location: **100 BERLIN ROAD** Map-Lot **07-21** Last Revaluation - **October 1, 2017**

**Current Owner**  
100 BERLIN LAND LLC  
Percent 100  
0 12 TIDEWATER DRIVE  
ORMOND BEACH FL 32174

**Current Value Information** Inc (appr)

Use Code	Land Value	PA 490 Value	Building Value	Outbuildings	Total Value	Total Assessed
201	1,882,600	0	4,587,100	1,314,200	7,783,900	5,448,730
<b>TOTAL</b>	<b>1,882,600</b>	<b>0</b>	<b>4,587,100</b>	<b>1,314,200</b>	<b>7,783,900</b>	<b>5,448,730</b>

**Previous Owner(s)**  
100 BERLIN HOLDINGS LLC

**Previous Value Information**

Tax Yr	Land Value	Bldg Value	Outbuildings	Total Value	Total Assesmen
2018	1,882,600	4,587,100	1,314,200	7,783,900	5,448,730
2017	1,882,600	4,587,100	1,314,200	7,783,900	5,448,730
2016	2,035,080	8,364,210	632,930	11,032,220	7,722,560
2015	2,035,080	8,364,210	632,930	11,032,220	7,722,560
2014	2,035,080	8,364,210	632,930	11,032,220	7,722,560
2013	2,035,080	8,364,210	632,930	11,032,220	7,722,560

**General Notes**

CROWNE PLAZA(1) 117 SF FREEZER  
FUNC-OBSOL  
50/50 SPLIT BETWEEN DOUBLE/SINGLE ROOMS  
POOL/JACUZZI/FITNESS CENTER/BIZ CENTER  
RESTAURANT = 104 PERSON CAPACITY  
LOUNGE = 32 PERSON CAPACITY  
21 FUNCTION ROOMS = 2420 PERSON CAPACITY  
2 STORY PARKING GARAGE

**Sales Information**

Grantee	Vol-Page	Type	SaleDate	SalePrice	Sale Verif	GeneralNotes
100 BERLIN LAND LLC	1598-217	W	07/28/2017	6,720,000	Family Members	
100 BERLIN HOLDINGS LLC	1520-134		04/07/2015	7,500,000	Other	
SHANER SPE ASSOCIATES LI	1114-112		09/26/2005	0	No Consideration	
SHANER HOTEL GROUP PRO	623-284		12/06/1996	0		

**Property Factors**

Census 5701  
Flood: YES  
Topo:  
Street: Paved  
Dev. Map  
Dev. Map

**Zoning Data**

Desc. %  
HB 100.00

**Utilities**

2 Public Water  
3 Public Sewer

**BAA**

15K;12K,08K;07K

**Activity Information**

Date	Results	Visited By
09/04/2017	Change - Value Change Company	John Valente
05/18/2017	No Change - Field Review	Dave Stannard
08/31/2016	Permit- Miscellaneous	AO
08/09/2016	Permit- Miscellaneous	AO
05/20/2016	Permit- Miscellaneous	AO
11/29/2012	Change - Value Change Company	
01/27/2010	Permit- Miscellaneous	AO
06/24/2009	Permit- Miscellaneous	AO
02/03/2009	Permit- Miscellaneous	AO
11/16/2006	Permit- Miscellaneous	AO

**Building Permit Information**

Date	Permit #	Description	Amount	% Comp	Visit Date	CO Date	GeneralNotes
08/31/2016	24262	Other	19,000	100	08/31/2016		Alterations to Existing R
08/09/2016	24228	Electric	26,528	100	08/09/2016		Replace Fire Alarm Contro
05/20/2016	24042	Sign	19,995	100	05/20/2016		Replace Existing Signs
06/29/2009	18460	Electric	3,500	100	06/24/2009		
06/01/2009	18397	Other	26,000	100	01/27/2010	01/27/2010	swap antennas on existing
03/02/2009	18203	Electric	15,000	100	02/03/2009		
11/16/2006	16551	Bath Conversion	0	100	11/16/2006	09/22/2008	instl toilet, lav, tub/sh
08/15/2006	16336	Other	15,000	100	08/15/2006	09/21/2006	swap upgrade antennas on

**Land Data**

Use	Description	Units	Unit Type	Neiah	Land Adjustments	Special Land Calc	Appraised Value	PA 490 Asmt	Neigh Order	Notes
201	Commercial	393,778	SF	CL	Shape -30% Access -40%		1,882,600	0	1500	

Total Area: 9.04 PA 490 Use Asmt: 0 Total Appraised: 1,882,600 Assessed Value: 1,317,820

**Exterior Information**

Building Type: Hotel - FS  
 Story Ht: 5 Story  
 Living Units: 0  
 Foundation:  
 Prim. Ext. Wall: Concrete 50%  
 Sec. Ext. Wall: Brick/Masonr 50%  
 Roof Type: Flat  
 Roof Cover: T&G/Rubber  
 Avg. Wall Ht: 10.00  
 Color:

**Interior Information**

Prime Wall: Drywall  
 Sec. Wall:  
 Floor Type: Carpet 50%  
 Sec. Floor: Ceram Clay T 50%  
 Heat Fuel: Gas  
 Heat Type: Forced Air  
 Sec. Ht Type:  
 % A/C: 100  
 % Sprinkled: 100  
 Bsmt. Gar: 0  
 Kitchens: 0 Add. Kit: 0  
 Fireplaces: 0 Gas: 0  
 Int. Condition: Typical

**Room Count**

Total Rooms:  
 Bedrooms:

**Bath Features**

Full Baths: 0  
 Addl. Full Baths: 0  
 Half Baths: 0  
 Addl. Half Baths: 0  
 Full Bths Below: 0  
 Half Bths Below: 0  
 Other Fixtures: 0  
 Total Baths: 0 0

**Condo Information**

Name:  
 Style:  
 Location:  
 Tot Units:

**General Information**

Year Blt: 1968  
 Grade: B-  
 Remodeled Yr:  
 Rem. Kitchen Yr:  
 Rem. Bath Yr:

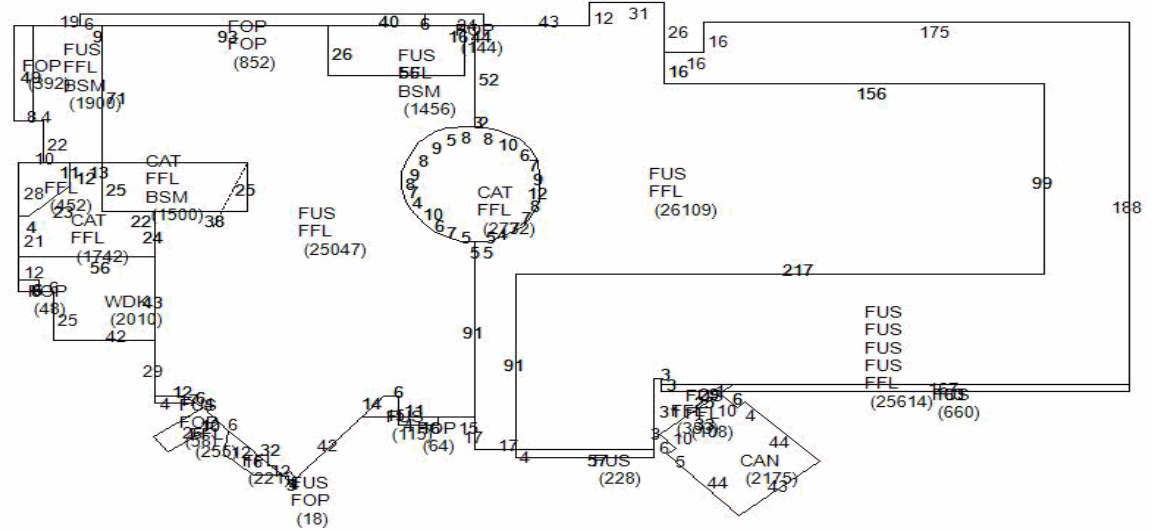
**Depreciation**

Phys Cond	Average	%
Func	50.00	
Econ	40.00	
Spec		
OV	0.00	

Total %Dep: 81.03

**Calculation**

Basic \$/SQ	101.00
Replacement Cost	22,621,380
Depreciation	18,330,104
Depreciated Value	4,291,276
<b>Final Total (Rounded)</b>	<b>4,291,300</b>



**Extra Features / Yard Items (1st 10 Lines Displayed)**

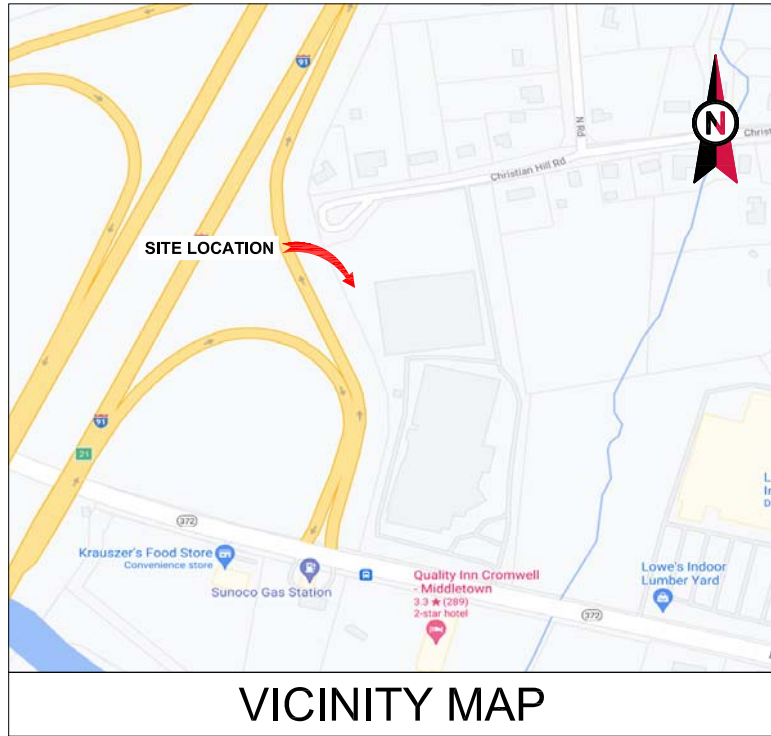
Code	Description	Qty	Size	Cond.	Year	Unit Price	Dep%	UndepValue	Appraised Value	Assessment
ELEV	Elevator	1	4	VG	1984	150,000.00	81	720,000	136,800	95,760
LNFR	Lean-To Fram	1	390	AV	2006	10.00	9	4,680	4,300	3,010
LT1	Light 1	1	20	AV	2006	1,000.00	9	24,000	21,800	15,260
LT2	Light 2	1	4	AV	2006	1,500.00	9	7,200	6,600	4,620
LT3	Light 3	1	2	AV	2006	2,100.00	9	5,040	4,600	3,220
LT4	Light 4	1	4	AV	2006	2,700.00	9	12,960	11,800	8,260
PAV1	Paving Asph.	1	30,000	AV	1983	3.00	25	108,000	81,000	56,700
PAV1	Paving Asph.	1	63,400	AV	1983	3.00	25	228,240	171,200	119,840
PGAR	Parking Gara	1	46,754	PR	1983	35.00	50	1,963,668	981,800	687,260
SH1C	Shed CindBK/	1	320	AV	2006	18.00	9	6,912	6,300	4,410

**Sub Area Detail**

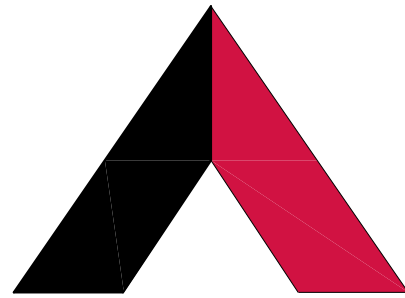
Code	Desc.	Living	Gross Area
FUS	Finished Upp	158,155	158,155
FFL	First Floor	87,489	87,489
FOP	Framed Open	0	2,428
WDK	Wood Deck	0	2,010
CAN	Canopy	0	2,175
BSM	Basement	0	4,856
CAT	Cath Ceil	0	5,974
<b>Total</b>		<b>245,644</b>	<b>263,087</b>



Total Sp. Features: 136,800    Total Yard Items 1,314,200    Total Appraised: 1,451,000    Total Assessed Value 1,015,700



VICINITY MAP



**AMERICAN TOWER®**

ATC SITE NAME: CROMWELLSW CT  
 ATC SITE NUMBER: 411261  
 VERIZON SITE NAME: CROMWELL SW CT  
 VERIZON SITE NUMBER: 467684  
 SITE ADDRESS: 99 CHRISTIAN HILL ROAD  
 CROMWELL, CT 06416



LOCATION MAP

**VERIZON  
 ANTENNA AMENDMENT DRAWINGS**

COMPLIANCE CODE	PROJECT SUMMARY	PROJECT DESCRIPTION	SHEET INDEX				
ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNMENT AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.  1. 2015 INTERNATIONAL BUILDING CODE (IBC) 2. 2017 NATIONAL ELECTRIC CODE (NEC) 3. LOCAL BUILDING CODE 4. CITY/COUNTY ORDINANCES	<u>SITE ADDRESS:</u> 99 CHRISTIAN HILL ROAD CROMWELL, CT 06416 COUNTY: MIDDLESEX  <u>GEOGRAPHIC COORDINATES:</u> LATITUDE: 41.60621 LONGITUDE: -72.701206 GROUND ELEVATION: 82' AMSL  <u>ZONING INFORMATION:</u> JURISDICTION: MIDDLESEX COUNTY PARCEL #: 00459100	THE PROPOSED PROJECT INCLUDES MODIFYING GROUND BASED AND TOWER MOUNTED EQUIPMENT AS INDICATED PER BELOW:  <u>TOWER WORK:</u> REMOVE (9) ANTENNA(S), (3) RRU(S), (1) OVP, (6) COAX CABLE(S) AND (1) HYBRID CABLE  INSTALL (3) DUAL ANTENNA MOUNT(S), (9) ANTENNA(S), (6) RRU(S), (1) OVP AND (2) HYBRID CABLE(S)  EXISTING (6) ANTENNA(S) AND (12) COAX CABLE(S) TO REMAIN  <u>GROUND WORK:</u> REMOVE (3) RRU(S) AND (3) DIPLEXER(S)	SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
	<u>PROJECT TEAM</u>  <u>TOWER OWNER:</u> AMERICAN TOWER 10 PRESIDENTIAL WAY WOBURN, MA 01801  <u>ENGINEER:</u> ROBERT J. LARA, AIA 2 S UNIVERISTY DR., UNIT 245 PLANTATION, FL 33324 (954) 577-4668 rlara@morrisonhershfield.com  <u>PROPERTY OWNER:</u> 100 BERLIN HOLDINGS LLC JOHN F KENNEDY BLD PHILADELPHIA, PA19103	<u>PROJECT NOTES</u> 1. THE FACILITY IS UNMANNED. 2. A TECHNICIAN WILL VISIT THE SITE APPROXIMATELY ONCE A MONTH FOR ROUTINE INSPECTION AND MAINTENANCE. 3. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT LAND DISTURBANCE OR EFFECT OF STORM WATER DRAINAGE. 4. NO SANITARY SEWER, POTABLE WATER OR TRASH DISPOSAL IS REQUIRED. 5. HANDICAP ACCESS IS NOT REQUIRED. 6. THE PROJECT DEPICTED IN THESE PLANS QUALIFIES AS AN ELIGIBLE FACILITIES REQUEST ENTITLED TO EXPEDITED REVIEW UNDER 47 U.S.C. § 1455(A) AS A MODIFICATION OF AN EXISTING WIRELESS TOWER THAT INVOLVES THE COLLOCATION, REMOVAL, AND/OR REPLACEMENT OF TRANSMISSION EQUIPMENT THAT IS NOT A SUBSTANTIAL CHANGE UNDER CFR § 1.61000 (B)(7).	G-001 TITLE SHEET G-002 GENERAL NOTES C-101 DETAILED COMPOUND PLAN C-201 TOWER ELEVATION C-401 ANTENNA INFORMATION & SCHEDULE C-501 CONSTRUCTION DETAILS E-501 GROUNDING DETAILS R-601 SUPPLEMENTAL R-602 SUPPLEMENTAL	(9) MOUNT MODIFICATION DRAWING SHEETS BY GDP ENGINEERING AND ARCHITECTURE PROFESSIONAL CORPORATION, DATED 09/28/2021 ATTACHED TO END OF PLAN SET			
<u>UTILITY COMPANIES</u>  POWER COMPANY: NORTHEAST PHONE: (800) 286-2000  TELEPHONE COMPANY: N/A PHONE: (000) 000-0000		<u>PROJECT LOCATION DIRECTIONS</u>  TAKE I-91 NORTH TOWARDS HARTFORD. TAKE EXIT 21. TAKE A LEFT AT THE END OF EXIT. ( RT. 372) TAKE A LEFT ONTO COLES RD. TAKE YOUR FIRST LEFT ONTO CHRISTIAN HILL RD. FOLLOW TO THE TOP OF THIS DEAD END ROAD. SITE TO THE LEFT UNDER THE SIGN POST. GATE COMBO IS 4667.					

**AMERICAN TOWER®**

**MORRISON HERSHFIELD**  
 2 S UNIVERSITY DR., UNIT 245  
 PLANTATION, FL 33324  
 Tel: 954.577.4655  
 www.morrisonhershfield.com

DO NOT SCALE DRAWING. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND ADVISE CONSULTANTS OF ANY ERRORS OR OMISSIONS. THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN WHICH IS RELATED TO NAMED CLIENT IS STRICTLY PROHIBITED. NEITHER THE ARCHITECT NOR THE ENGINEER WILL BE PROVIDING ON-SITE CONSTRUCTION REVIEW OF THIS PROJECT. ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED BY THE LATEST REVISION.

REV.	DESCRIPTION	BY	DATE
A	PRELIM	RR	07/02/21
0	FINAL	MG	11/09/21

ATC SITE NUMBER:  
411261

ATC SITE NAME:  
CROMWELLSW CT

VERIZON SITE NAME:  
CROMWELL SW CT

SITE ADDRESS:  
99 CHRISTIAN HILL ROAD  
CROMWELL, CT 06416

SEAL:

ROBERT JERRY LARA  
REGISTERED ARCHITECT  
STATE OF CONNECTICUT  
11509

DATE DRAWN: 07/02/21  
 ATC JOB NO: 13698647\_D1  
 CUSTOMER ID: CROMWELL SW CT  
 CUSTOMER #: 467684

**TITLE SHEET**

SHEET NUMBER: **G-001** REVISION: **0**

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**GENERAL CONSTRUCTION NOTES:**

1. OWNER FURNISHED MATERIALS, VERIZON "THE COMPANY" WILL PROVIDE AND THE CONTRACTOR WILL INSTALL
  - A. BTS EQUIPMENT FRAME (PLATFORM) AND ICEBRIDGE SHELTER (GROUND BUILD/CO-LOCATE ONLY)
  - B. AC/TELCO INTERFACE BOX (PPC)
  - C. ICE BRIDGE (CABLE TRAY WITH COVER) (GROUND BUILD/CO-LOCATE ONLY, GC TO FURNISH AND INSTALL FOR ROOFTOP INSTALLATION)
  - D. TOWERS, MONOPOLES
  - E. TOWER LIGHTING
  - F. GENERATORS & LIQUID PROPANE TANK
  - G. ANTENNA STANDARD BRACKETS, FRAMES AND PIPES FOR MOUNTING
  - H. ANTENNAS (INSTALLED BY OTHERS)
  - I. TRANSMISSION LINE
  - J. TRANSMISSION LINE JUMPERS
  - K. TRANSMISSION LINE CONNECTORS WITH WEATHERPROOFING KITS
  - L. TRANSMISSION LINE GROUND KITS
  - M. HANGERS
  - N. HOISTING GRIPS
  - O. BTS EQUIPMENT
2. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL OTHER MATERIALS FOR THE COMPLETE INSTALLATION OF THE SITE INCLUDING, BUT NOT LIMITED TO, SUCH MATERIALS AS FENCING, STRUCTURAL STEEL SUPPORTING SUB-FRAME FOR PLATFORM, ROOFING LABOR AND MATERIALS, GROUNDING RINGS, GROUNDING WIRES, COPPER-CLAD OR XIT CHEMICAL GROUND ROD(S), BUSS BARS, TRANSFORMERS AND DISCONNECT SWITCHES WHERE APPLICABLE, TEMPORARY ELECTRICAL POWER, CONDUIT, LANDSCAPING COMPOUND STONE, CRANES, CORE DRILLING, SLEEPERS AND RUBBER MATTING, REBAR, CONCRETE CAISSONS, PADS AND/OR AUGER MOUNTS, MISCELLANEOUS FASTENERS, CABLE TRAYS, NON-STANDARD ANTENNA FRAMES AND ALL OTHER MATERIAL AND LABOR REQUIRED TO COMPLETE THE JOB ACCORDING TO THE DRAWINGS AND SPECIFICATIONS. IT IS THE POSITION OF VERIZON TO APPLY FOR PERMITTING AND CONTRACTOR RESPONSIBLE FOR PICKUP AND PAYMENT OF REQUIRED PERMITS.
3. ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING ANSI/EIA/TIA-222, AND COMPLY WITH ATC CONSTRUCTION SPECIFICATIONS.
4. CONTRACTOR SHALL CONTACT LOCAL 811 FOR IDENTIFICATION OF UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS.
6. ALL DIMENSIONS TO, OF, AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER.
7. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.
8. DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
9. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
10. CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ETC.
11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS DRAINS, DRAIN PIPES, VENTS, ETC. BEFORE COMMENCING WORK.
12. INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE VERIZON REP PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE VERIZON REP PRIOR TO PROCEEDING.
13. EACH CONTRACTOR SHALL COOPERATE WITH THE VERIZON REP, AND COORDINATE HIS WORK WITH THE WORK OF OTHERS.
14. CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION OF THIS PROJECT TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE VERIZON CONSTRUCTION MANAGER.
15. ALL CABLE/CONDUIT ENTRY/EXIT PORTS SHALL BE WEATHERPROOFED DURING INSTALLATION USING A SILICONE SEALANT.
16. WHERE EXISTING CONDITIONS DO NOT MATCH THOSE SHOWN IN THIS PLAN SET, CONTRACTOR SHALL NOTIFY THE VERIZON REP AND ENGINEER OF RECORD IMMEDIATELY.
17. CONTRACTOR SHALL ENSURE ALL SUBCONTRACTORS ARE PROVIDED WITH A COMPLETE AND CURRENT SET OF DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
18. CONTRACTOR SHALL REMOVE ALL RUBBISH AND DEBRIS FROM THE SITE AT THE END OF EACH DAY.
19. CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH AMERICAN TOWER CORPORATION (ATC) AND TAKE PRECAUTIONS TO MINIMIZE IMPACT AND DISRUPTION OF OTHER OCCUPANTS OF THE FACILITY.
20. CONTRACTOR SHALL FURNISH VERIZON AND AMERICAN TOWER CORPORATION (ATC) WITH A PDF MARKED UP AS-BUILT SET OF DRAWINGS UPON COMPLETION OF WORK.
21. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON REP TO DETERMINE WHAT, IF ANY, ITEMS WILL BE PROVIDED. ALL ITEMS NOT PROVIDED SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR WILL INSTALL ALL ITEMS PROVIDED.

22. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON REP TO DETERMINE IF ANY PERMITS WILL BE OBTAINED BY CONTRACTOR. ALL REQUIRED PERMITS NOT OBTAINED BY VERIZON MUST BE OBTAINED, AND PAID FOR, BY THE CONTRACTOR.
23. CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH VERIZON SPECIFICATIONS AND REQUIREMENTS.
24. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO VERIZON FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
25. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCATED ACCORDING TO VERIZON SPECIFICATIONS, AND AS SHOWN IN THESE PLANS.
26. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
27. CONTRACTOR SHALL NOTIFY VERIZON REP A MINIMUM OF 48 HOURS IN ADVANCE OF POURING CONCRETE OR BACKFILLING ANY UNDERGROUND UTILITIES, FOUNDATIONS OR SEALING ANY WALL, FLOOR OR ROOF PENETRATIONS FOR ENGINEERING REVIEW AND APPROVAL.
28. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY INCLUDING COMPLIANCE WITH ALL APPLICABLE OSHA STANDARDS AND RECOMMENDATIONS AND SHALL PROVIDE ALL NECESSARY SAFETY DEVICES INCLUDING PPE AND PPM AND CONSTRUCTION DEVICES SUCH AS WELDING AND FIRE PREVENTION, TEMPORARY SHORING, SCAFFOLDING, TRENCH BOXES/SLOPING, BARRIERS, ETC.
29. THE CONTRACTOR SHALL PROTECT AT HIS OWN EXPENSE, ALL EXISTING FACILITIES AND SUCH OF HIS NEW WORK LIABLE TO INJURY DURING THE CONSTRUCTION PERIOD. ANY DAMAGE CAUSED BY NEGLIGENCE ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY THE ELEMENTS DUE TO NEGLIGENCE ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, EITHER TO THE EXISTING WORK, OR TO HIS WORK OR THE WORK OF ANY OTHER CONTRACTOR, SHALL BE REPAIRED AT HIS EXPENSE TO THE OWNER'S SATISFACTION.
30. ALL WORK SHALL BE INSTALLED IN A FIRST CLASS, NEAT AND WORKMANLIKE MANNER BY MECHANICS SKILLED IN THE TRADE INVOLVED. THE QUALITY OF WORKMANSHIP SHALL BE SUBJECT TO THE APPROVAL OF THE VERIZON REP. ANY WORK FOUND BY THE VERIZON REP TO BE OF INFERIOR QUALITY AND/OR WORKMANSHIP SHALL BE REPLACED AND/OR REWORKED AT CONTRACTOR EXPENSE UNTIL APPROVAL IS OBTAINED.
31. IN ORDER TO ESTABLISH STANDARDS OF QUALITY AND PERFORMANCE, ALL TYPES OF MATERIALS LISTED HEREINAFTER BY MANUFACTURER'S NAMES AND/OR MANUFACTURER'S CATALOG NUMBER SHALL BE PROVIDED BY THESE MANUFACTURERS AS SPECIFIED.
32. VERIZON FURNISHED EQUIPMENT SHALL BE PICKED-UP AT THE VERIZON WAREHOUSE, NO LATER THAN 48HR AFTER BEING NOTIFIED INSURED, STORED, UNCRATE, PROTECTED AND INSTALLED BY THE CONTRACTOR WITH ALL APPURTENANCES REQUIRED TO PLACE THE EQUIPMENT IN OPERATION, READY FOR USE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EQUIPMENT AFTER PICKING IT UP.
33. VERIZON OR HIS ARCHITECT/ENGINEER RESERVES THE RIGHT TO REJECT ANY EQUIPMENT OR MATERIALS WHICH, IN HIS OWN OPINION ARE NOT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS, EITHER BEFORE OR AFTER INSTALLATION AND THE EQUIPMENT SHALL BE REPLACED WITH EQUIPMENT CONFORMING TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE CONTRACTOR AT NO COST TO VERIZON OR THEIR ARCHITECT/ENGINEER.

**SPECIAL CONSTRUCTION**

**ANTENNA INSTALLATION NOTES:**

1. WORK INCLUDED:
  - A. ANTENNA AND COAXIAL CABLES ARE FURNISHED BY VERIZON UNDER A SEPARATE CONTRACT. THE CONTRACTOR SHALL ASSIST ANTENNA INSTALLATION CONTRACTOR IN TERMS OF COORDINATION AND SITE ACCESS. ERECTION SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF PERSONNEL AND
  - B. INSTALL ANTENNA AS INDICATE ON DRAWINGS AND VERIZON SPECIFICATIONS.
  - C. INSTALL GALVANIZED STEEL ANTENNA MOUNTS AS INDICATED ON DRAWINGS
  - D. INSTALL FURNISHED GALVANIZED STEEL OR ALUMINUM WAVEGUIDE.
  - E. CONTRACTOR SHALL PROVIDE FOUR (4) SETS OF SWEEP TESTS USING ANRITZU-PACKARD 8713B RF SCALAR NETWORK ANALYZER, SUBMIT FREQUENCY DOMAIN REFLECTOMETER(FDR) TESTS RESULTS TO THE PROJECT MANAGER. SWEEP TESTS SHALL BE AS PER ATTACHED RFS "MINIMUM FIELD TESTING RECOMMENDED FOR ANTENNA AND HELIAX COAXIAL CABLE SYSTEMS" DATED 10/5/93. TESTING SHALL BE PERFORMED BY AN INDEPENDENT TESTING SERVICE AND BE BOUND AND SUBMITTED WITHIN ONE WEEK OF WORK COMPLETION.
  - F. INSTALL COAXIAL CABLES AND TERMINATING BETWEEN ANTENNAS AND EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS, WEATHERPROOF ALL CONNECTIONS BETWEEN THE ANTENNA AND EQUIPMENT PER MANUFACTURER'S REQUIREMENTS, TERMINATE ALL COAXIAL CABLE THREE (3) FEET IN EXCESS OF ENTRY PORT LOCATION UNLESS OTHERWISE STATED.
  - G. ANTENNA AND COAXIAL CABLE GROUNDING:
    2. ALL EXTERIOR #6 GREED GROUND WIRE "DAISY CHAIN" CONNECTIONS ARE TO BE WEATHER SEALED WITH RFS CONNECTORS/SPLICE WEATHERPROOFING KIT #221213 OR EQUAL.
    3. ALL COAXIAL CABLE GROUNDING KITS ARE TO BE INSTALLED ON STRAIGHT RUNS OF COAXIAL CABLE (NOT WITHIN BENDS)

ALL DISCREPANCIES FROM WHAT IS SHOWN ON THESE CONSTRUCTION DRAWINGS SHALL BE COMMUNICATED TO ATC ENGINEERING IMMEDIATELY FOR CORRECTION OR RE-DESIGN. FAILURE TO COMMUNICATE DIRECTLY WITH ATC ENGINEERING OR ANY CHANGES FROM THE DESIGN CONDUCTED WITHOUT PRIOR APPROVAL FROM ATC ENGINEERING SHALL BE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR.



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 PLANTATION, FL 33324  
 Tel: 954.577.4655  
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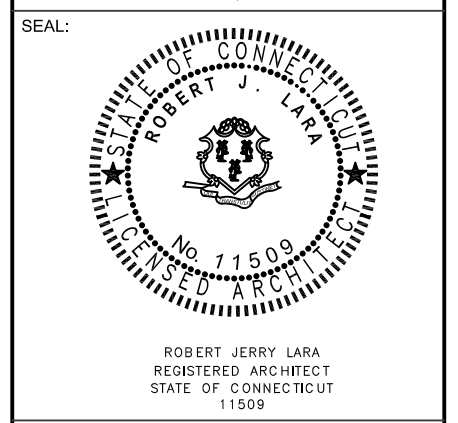
REV.	DESCRIPTION	BY	DATE
A	PRELIM	RR	07/02/21
0	FINAL	MG	11/09/21

ATC SITE NUMBER:  
**411261**

ATC SITE NAME:  
**CROMWELLSW CT**

VERIZON SITE NAME:  
**CROMWELL SW CT**

SITE ADDRESS:  
99 CHRISTIAN HILL ROAD  
CROMWELL, CT 06416



DATE DRAWN:	07/02/21
ATC JOB NO:	13698647_D1
CUSTOMER ID:	CROMWELL SW CT
CUSTOMER #:	467684

**GENERAL NOTES**

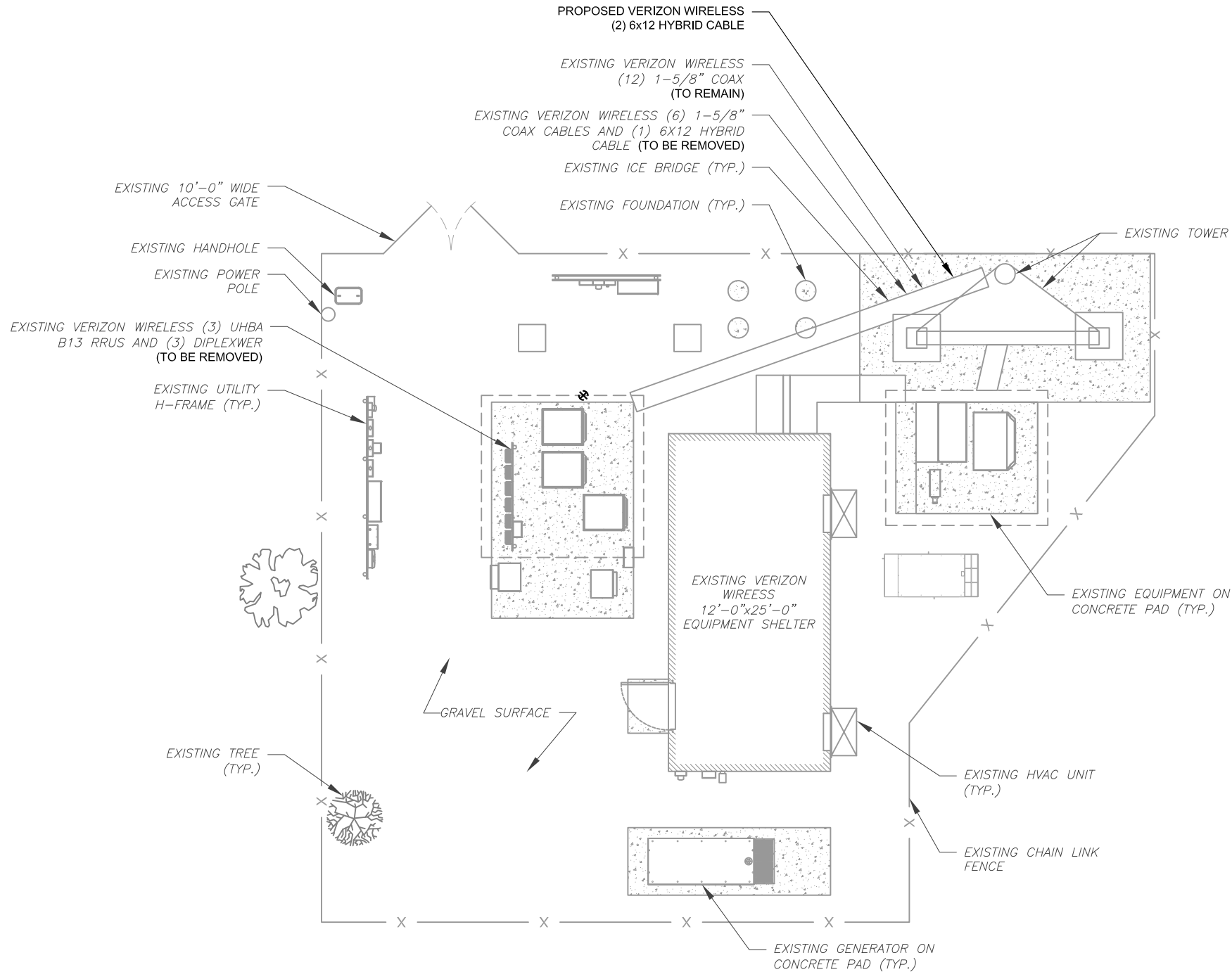
SHEET NUMBER: <b>G-002</b>	REVISION: <b>0</b>
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**SITE PLAN NOTES:**

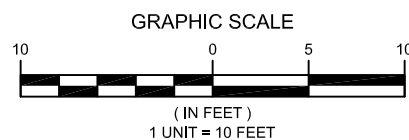
1. THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.
2. ICE BRIDGE, CABLE LADDER, COAX PORT, AND COAX CABLE ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL PROPOSED AND EXISTING EQUIPMENT AND STRUCTURES DEPICTED ON THIS PLAN. BEFORE UTILIZING EXISTING CABLE SUPPORTS, COAX PORTS, INSTALLING NEW PORTS OR ANY OTHER EQUIPMENT, CONTRACTOR SHALL VERIFY ALL ASPECTS OF THE COMPONENTS MEET THE ATC SPECIFICATIONS.
3. THIS PROJECT INCLUDES NO INSTALL OR MODIFICATION AT GRADE.

LEGEND	
⊗	GROUNDING TEST WELL
ATS	AUTOMATIC TRANSFER SWITCH
B	BOLLARD
CSC	CELL SITE CABINET
D	DISCONNECT
E	ELECTRICAL
F	FIBER
GEN	GENERATOR
G	GENERATOR RECEPTACAL
HH, V	HAND HOLE, VAULT
IB	ICE BRIDGE
K	KENTROX BOX
LC	LIGHTING CONTROL
M	METER
PB	PULL BOX
PP	POWER POLE
T	TELCO
TRN	TRANSFORMER
x	CHAINLINK FENCE



- PROPOSED CABLE LENGTH:**
1. ESTIMATED LENGTH OF PROPOSED CABLE IS ±118'. ESTIMATED LENGTH OF CABLE WAS PROVIDED BY CUSTOMER OR CALCULATED BY ADDING THE RAD CENTER AND THE DISTANCE FROM THE SHELTER ENTRY PLATE TO THE TOWER (ALONG THE ICE BRIDGE) AND A SAFETY FACTOR MEASUREMENT OF 15% (OF THE TWO PREVIOUS VALUES), CDS DEFER TO GREATEST CABLE LENGTH.
  2. ROUTE PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES AND IN ACCORDANCE WITH STRUCTURAL ANALYSIS. WHERE POSSIBLE UTILIZE EXISTING CABLE SUPPORT STRUCTURES AS PROVIDED FOR CARRIER TO ADEQUATELY SECURE CABLES, USING EITHER APPROPRIATELY SIZED STAINLESS STEEL SNAP-INS OR MOUNTING HARDWARE AND BRACKETS AS SPECIFIED BY CABLE MANUFACTURER. OTHERWISE, ATTACH CABLES TO HORIZONTAL OR DIAGONAL TOWER MEMBERS USING PROPOSED STAINLESS STEEL ADAPTERS (DO NOT ATTACH TO TOWER LEG).

**1 DETAILED COMPOUND PLAN**



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0	FINAL	MG	11/09/21

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**411261**

ATC SITE NAME:  
**CROMWELLSW CT**

VERIZON SITE NAME:  
**CROMWELL SW CT**

SITE ADDRESS:  
99 CHRISTIAN HILL ROAD  
CROMWELL, CT 06416

SEAL:

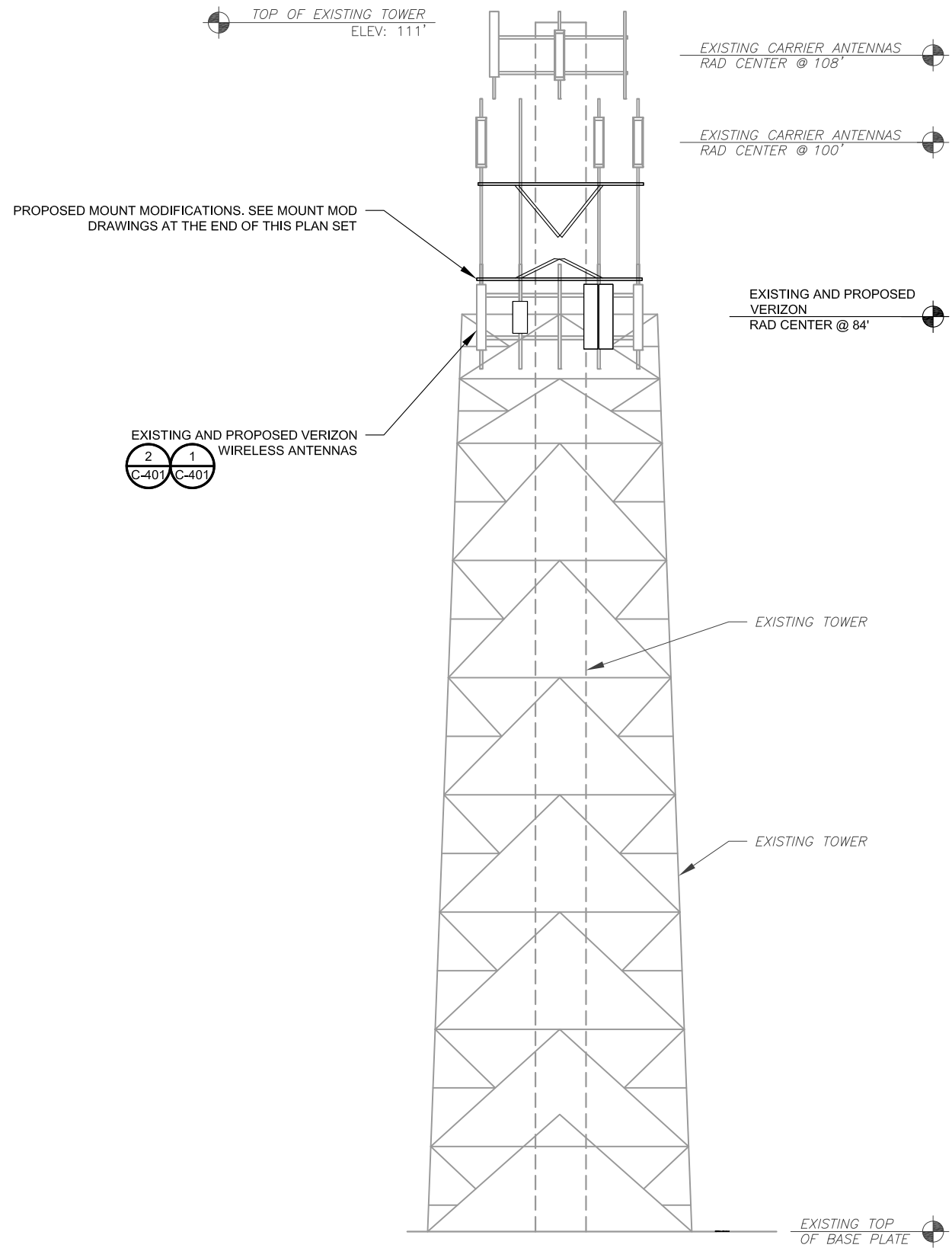
ROBERT JERRY LARA  
REGISTERED ARCHITECT  
STATE OF CONNECTICUT  
11509

DATE DRAWN:	07/02/21
ATC JOB NO:	13698647_D1
CUSTOMER ID:	CROMWELL SW CT
CUSTOMER #:	467684

**DETAILED COMPOUND PLAN**

SHEET NUMBER: <b>C-101</b>	REVISION: <b>0</b>
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PER MOUNT ANALYSIS COMPLETED BY GDP ENGINEERING AND ARCHITECTURE PROFESSIONAL CORPORATION, DATED 07/13/2021, THE EXISTING MOUNT MUST BE MODIFIED TO ADEQUATELY SUPPORT THE PROPOSED LOADING. THE MOUNT MODIFICATION DETAILED AT THE END OF THIS PLAN SET, MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PROPOSED ANTENNAS AND OTHER EQUIPMENT.

**TOWER NOTE:**

- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM WITH THE PROJECT MANAGER THAT THEY HAVE THE MOST RECENT VERSION OF THE STRUCTURAL ANALYSIS BEFORE COMMENCING WORK. EXISTING AND PROPOSED TOWER APPURTENANCES, MOUNTS, AND ANTENNAS ARE SHOWN BASED ON THE STRUCTURAL ANALYSIS.
- WHERE APPLICABLE, ALL NEW ANTENNAS, EQUIPMENT, MOUNTS, CABLING, ETC. SHALL BE PAINTED/SOCKED TO MATCH EXISTING EQUIPMENT IN ACCORDANCE WITH FAA, JURISDICTION, AND/OR OTHER LOCAL REQUIREMENTS.
- ROUTE PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES AND IN ACCORDANCE WITH STRUCTURAL ANALYSIS. WHERE POSSIBLE UTILIZE EXISTING CABLE SUPPORT STRUCTURES AS PROVIDED FOR CARRIER TO ADEQUATELY SECURE CABLES, USING EITHER APPROPRIATELY SIZED STAINLESS STEEL SNAP-INS OR MOUNTING HARDWARE AND BRACKETS AS SPECIFIED BY CABLE MANUFACTURER. OTHERWISE, ATTACH CABLES TO HORIZONTAL OR DIAGONAL TOWER MEMBERS USING PROPOSED STAINLESS STEEL ADAPTERS (DO NOT ATTACH TO TOWER LEG).
- TOWER ELEVATIONS ARE MEASURED FROM TOP OF BASE PLATE TO MATCH STRUCTURAL ANALYSIS. ELEVATIONS DO NOT REFLECT TRUE ABOVE GROUND LEVEL (A.G.L.)
- TOWER ELEVATION DEPICTION MAY NOT REFLECT ALL EQUIPMENT INCLUDED IN STRUCTURAL ANALYSIS. REFER TO STRUCTURAL ANALYSIS FOR FULL TOWER LOADING.

**1 TOWER ELEVATION**  
SCALE: N.T.S.



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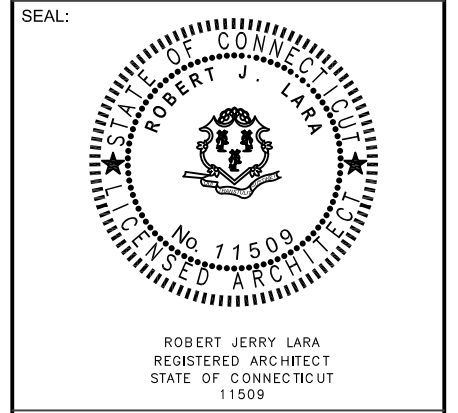
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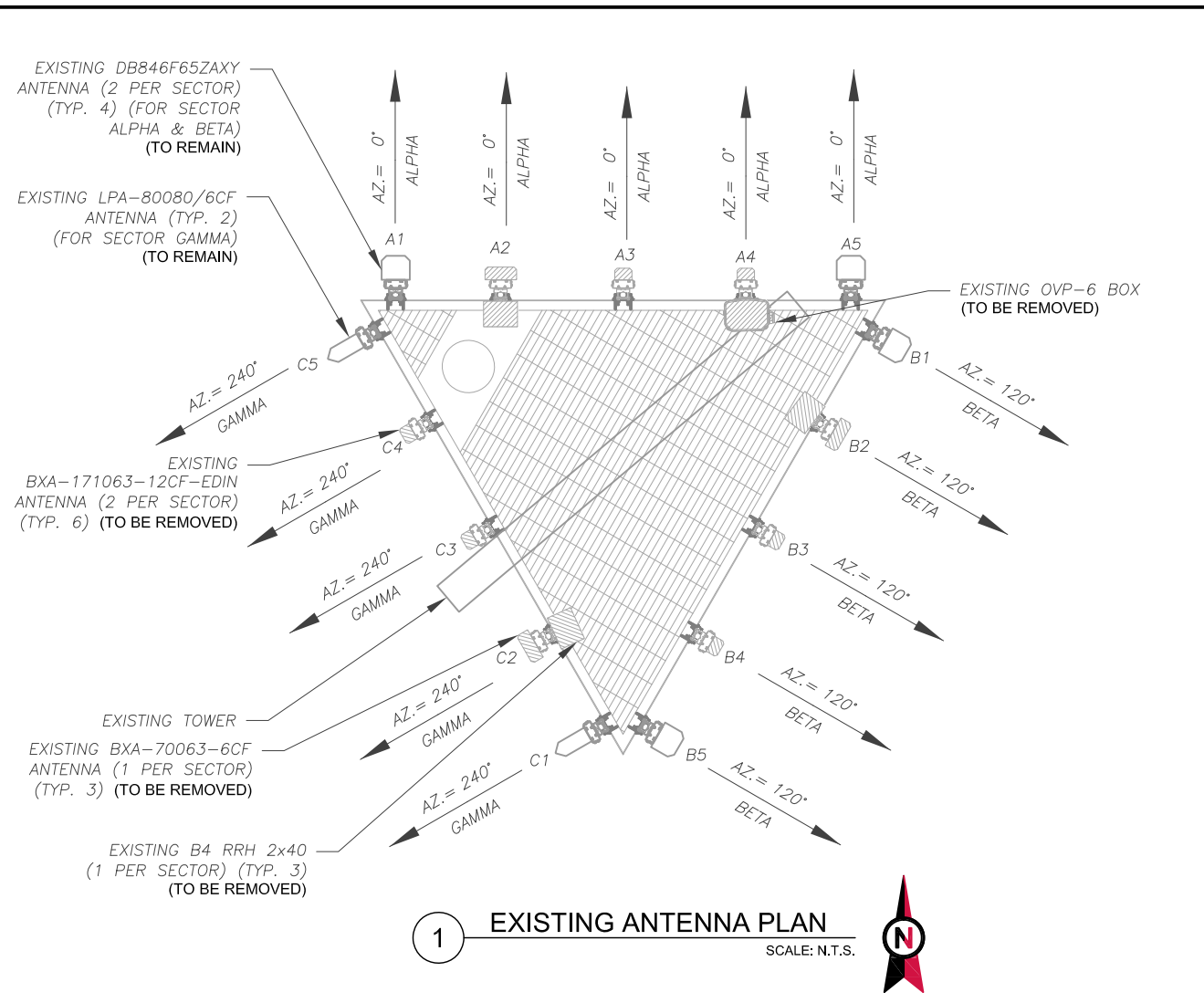


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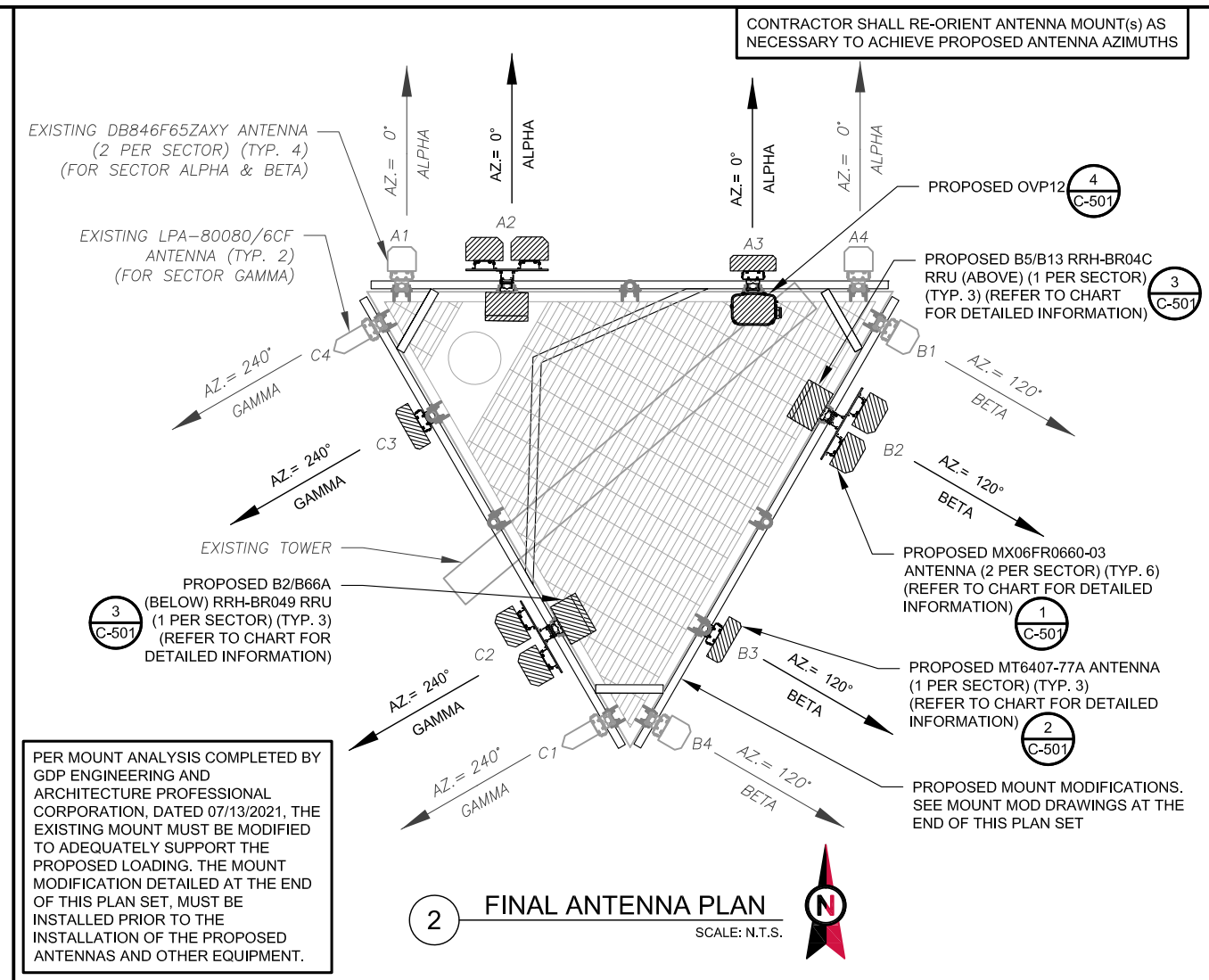
**TOWER ELEVATION**

SHEET NUMBER: <b>C-201</b>	REVISION: <b>0</b>
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**1 EXISTING ANTENNA PLAN**  
SCALE: N.T.S.



**2 FINAL ANTENNA PLAN**  
SCALE: N.T.S.

PER MOUNT ANALYSIS COMPLETED BY GDP ENGINEERING AND ARCHITECTURE PROFESSIONAL CORPORATION, DATED 07/13/2021, THE EXISTING MOUNT MUST BE MODIFIED TO ADEQUATELY SUPPORT THE PROPOSED LOADING. THE MOUNT MODIFICATION DETAILED AT THE END OF THIS PLAN SET, MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PROPOSED ANTENNAS AND OTHER EQUIPMENT.

EXISTING ANTENNA SCHEDULE								
LOCATION			ANTENNA SUMMARY				NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECH/ELEC D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT
ALPHA	84'	0°	A1	DB846F65ZAXY	850 CDMA	0°/0°	RMN	-
			A2	BXA-70063-6CF	700 LTE	0°/0°	RMV	B4 RRH 2X40
			A3	BXA-171063-12CF	AWS LTE	0°/2°	RMV	-
			A4	BXA-171063-12CF	AWS LTE	0°/2°	RMV	-
			A5	DB846F65ZAXY	850 CDMA	0°/0°	RMN	-
BETA	84'	120°	B1	DB846F65ZAXY	850 CDMA	2°/0°	RMN	-
			B2	BXA-70063-6CF	700 LTE	2°/0°	RMV	B4 RRH 2X40
			B3	BXA-171063-12CF	AWS LTE	0°/2°	RMV	-
			B4	BXA-171063-12CF	AWS LTE	0°/2°	RMV	-
			B5	DB846F65ZAXY	850 CDMA	2°/0°	RMN	-
GAMMA	84'	240°	C1	LPA-80080/6CF	850 CDMA	2°/0°	RMN	-
			C2	BXA-70063-6CF	700 LTE	3°/0°	RMV	B4 RRH 2X40
			C3	BXA-171063-12CF	AWS LTE	0°/2°	RMV	-
			C4	BXA-171063-12CF	AWS LTE	0°/2°	RMV	-
			C5	LPA-80080/6CF	850 CDMA	2°/0°	RMN	-

**NOTES**

- CONFIRM WITH VERIZON REP FOR APPLICABLE UPDATES/REVISIONS AND MOST RECENT RFDS FOR NSN CONFIGURATION (CONFIG). GC TO CAP ALL UNUSED PORTS.
- CONFIRM SPACING OF PROPOSED EQUIP DOES NOT CAUSE TOWER CONFLICTS NOR IMPEDE TOWER CLIMBING PEGS.

**STATUS ABBREVIATIONS**

RMV: TO BE REMOVED  
RMN: TO REMAIN  
REL: TO BE RELOCATED  
ADD: TO BE ADDED

**CABLE LENGTHS FOR JUMPERS**

JUNCTION BOX TO RRU: 15'  
RRU TO ANTENNA: 10'

FINAL ANTENNA SCHEDULE								
LOCATION			ANTENNA SUMMARY				NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECH/ELEC D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT
ALPHA	84'	0°	A1	DB846F65ZAXY	850 CDMA	0°/0°	RMN	-
			A2	(2) MX06FRO660-03	700 LTE, 850 LTE 5G, 1900 LTE, AWS LTE	0°/2°	ADD	(1) B5/B13 RRH-BR04C (1) B2/B66A RRH-BR049
			A3	MT6407-77A	L-SUB6 5G	0°/6°	ADD	-
			A4	DB846F65ZAXY	850 CDMA	0°/0°	RMN	-
BETA	84'	120°	B1	DB846F65ZAXY	850 CDMA	2°/0°	RMN	-
			B2	(2) MX06FRO660-03	700 LTE, 850 LTE 5G, 1900 LTE, AWS LTE	0°/2°	ADD	(1) B5/B13 RRH-BR04C (1) B2/B66A RRH-BR049
			B3	MT6407-77A	L-SUB6 5G	0°/6°	ADD	-
			B4	DB846F65ZAXY	850 CDMA	2°/0°	RMN	-
GAMMA	84'	240°	C1	LPA-80080/6CF	850 CDMA	2°/0°	RMN	-
			C2	(2) MX06FRO660-03	700 LTE, 850 LTE 5G, 1900 LTE, AWS LTE	0°/3°	ADD	(1) B5/B13 RRH-BR04C (1) B2/B66A RRH-BR049
			C3	-	-	-	-	-
			C4	MT6407-77A	L-SUB6 5G	0°/6°	ADD	-
			C5	LPA-80080/6CF	850 CDMA	2°/0°	RMN	-

EXISTING FIBER DISTRIBUTION/OVP BOX		EXISTING CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
(1) OVP 6	RMV	(6) 1-5/8"	-	RMV
-	-	(12) 1-5/8"	-	RMN
-	-	-	(1) 6x12	RMV

**3 EQUIPMENT SCHEDULES**

FINAL FIBER DISTRIBUTION / OVP BOX		FINAL CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
-	-	(12) 1-5/8"	-	RMN
(1) OVP 12	ADD	-	(2) 6x12	ADD

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Tel: 954.577.4655  
www.morrisonhershfield.com

DO NOT SCALE DRAWING. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND ADVISE CONSULTANTS OF ANY ERRORS OR OMISSIONS. THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN WHICH IS RELATED TO NAMED CLIENT IS STRICTLY PROHIBITED. NEITHER THE ARCHITECT NOR THE ENGINEER WILL BE PROVIDING ON-SITE CONSTRUCTION REVIEW OF THIS PROJECT. ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED BY THE LATEST REVISION.

REV.	DESCRIPTION	BY	DATE
A	PRELIM	RR	07/02/21
0	FINAL	MG	11/09/21

ATC SITE NUMBER:  
**411261**

ATC SITE NAME:  
**CROMWELLSW CT**

VERIZON SITE NAME:  
**CROMWELL SW CT**

SITE ADDRESS:  
99 CHRISTIAN HILL ROAD  
CROMWELL, CT 06416

SEAL:

ROBERT JERRY LARA  
REGISTERED ARCHITECT  
STATE OF CONNECTICUT  
11509

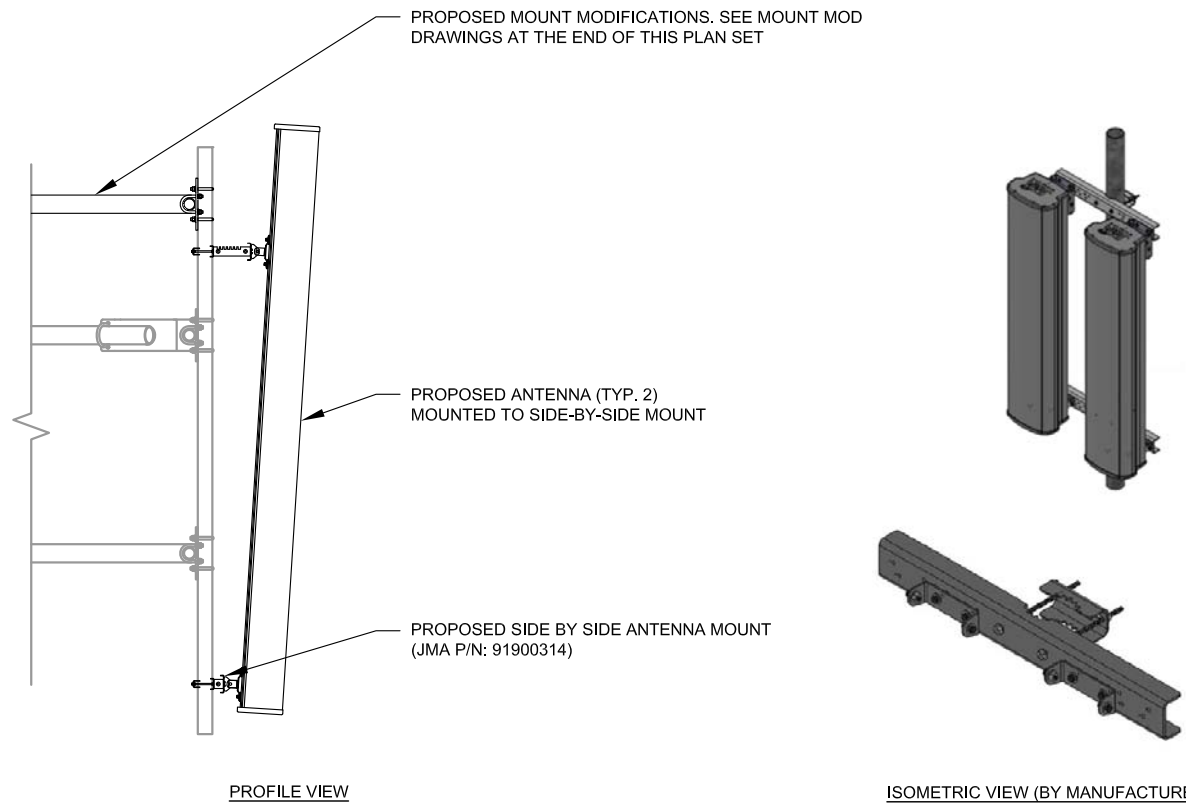
**verizon**

DATE DRAWN: 07/02/21  
ATC JOB NO: 13698647\_D1  
CUSTOMER ID: CROMWELL SW CT  
CUSTOMER #: 467684

**ANTENNA INFORMATION & SCHEDULE**

SHEET NUMBER:  
**C-401**

REVISION:  
**0**

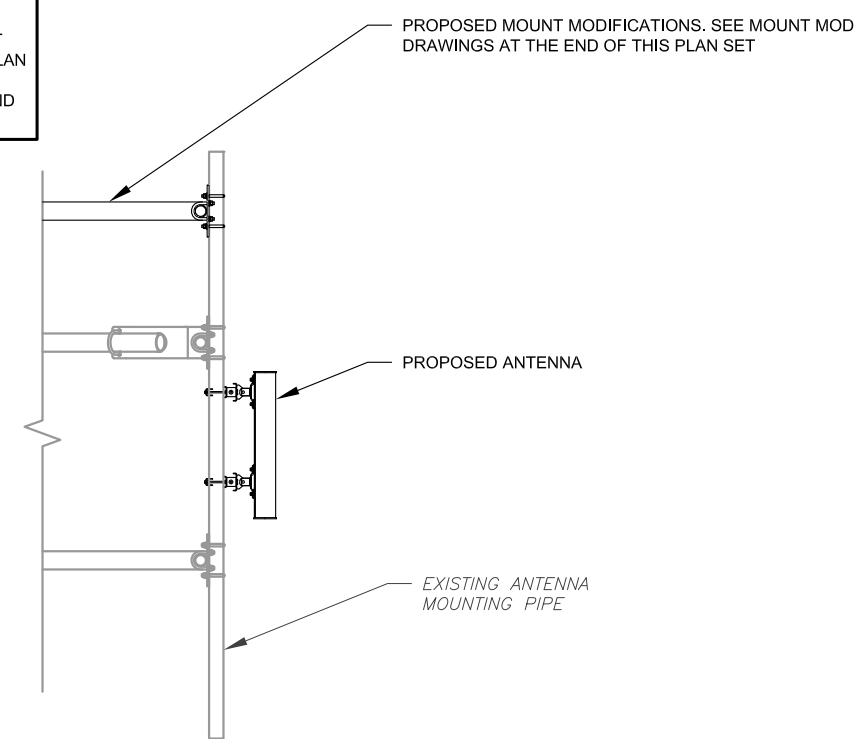


PROFILE VIEW

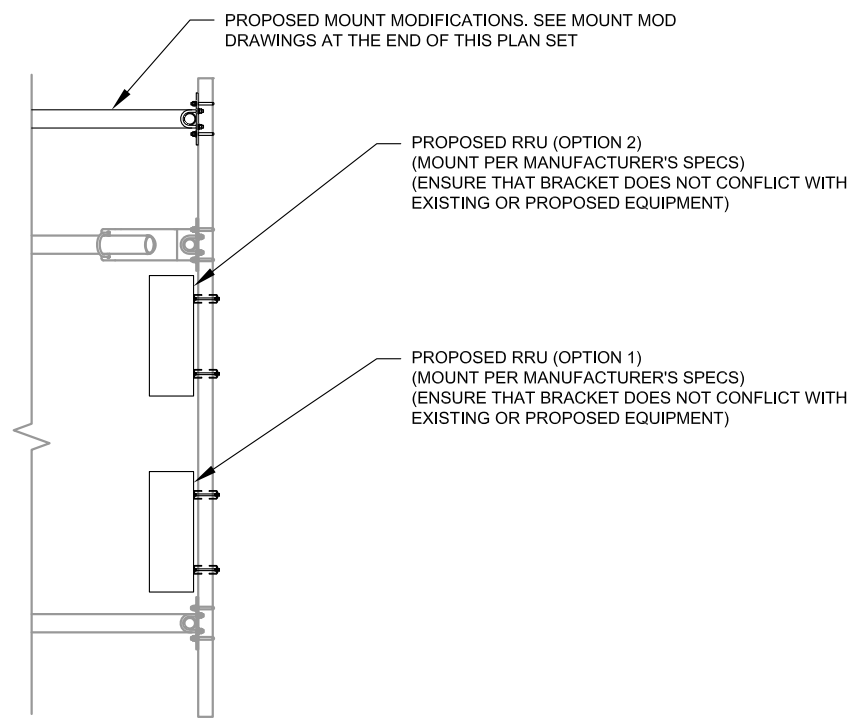
ISOMETRIC VIEW (BY MANUFACTURER)

1 PROPOSED SIDE-BY-SIDE MOUNT  
SCALE: NOT TO SCALE

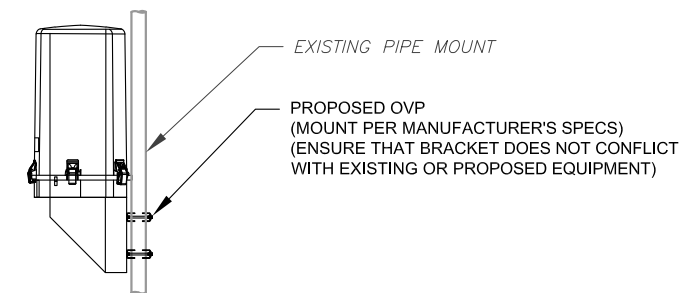
PER MOUNT ANALYSIS COMPLETED BY GDP ENGINEERING AND ARCHITECTURE PROFESSIONAL CORPORATION, DATED 07/13/2021, THE EXISTING MOUNT MUST BE MODIFIED TO ADEQUATELY SUPPORT THE PROPOSED LOADING. THE MOUNT MODIFICATION DETAILED AT THE END OF THIS PLAN SET, MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PROPOSED ANTENNAS AND OTHER EQUIPMENT.



2 PROPOSED 5G ANTENNA MOUNTING DETAIL - TYPICAL  
SCALE: N.T.S.



3 PROPOSED RRU MOUNTING DETAIL - TYPICAL  
SCALE: N.T.S.



4 PROPOSED OVP MOUNTING  
SCALE: N.T.S.

**AMERICAN TOWER®**

**MORRISON HERSHFIELD**  
2 S UNIVERSITY DR., UNIT 245  
PLANTATION, FL 33324  
Tel: 954.577.4655  
www.morrisonhershfield.com

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A	PRELIM	RR	07/02/21
0	FINAL	MG	11/09/21

ATC SITE NUMBER:  
411261

ATC SITE NAME:  
CROMWELLSW CT

VERIZON SITE NAME:  
CROMWELL SW CT

SITE ADDRESS:  
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CROMWELL, CT 06416

SEAL:

ROBERT JERRY LARA  
REGISTERED ARCHITECT  
STATE OF CONNECTICUT  
11509

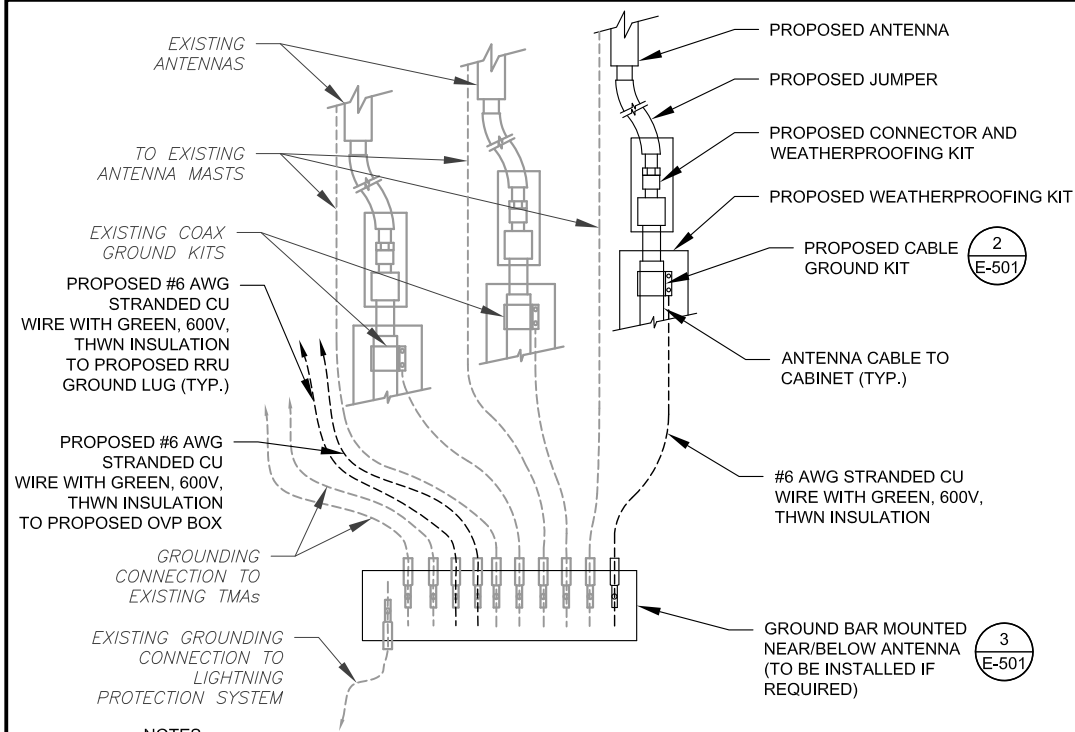


DATE DRAWN:	07/02/21
ATC JOB NO:	13698647_D1
CUSTOMER ID:	CROMWELL SW CT
CUSTOMER #:	467684

**CONSTRUCTION  
DETAILS**

SHEET NUMBER:	REVISION:
<b>C-501</b>	<b>0</b>

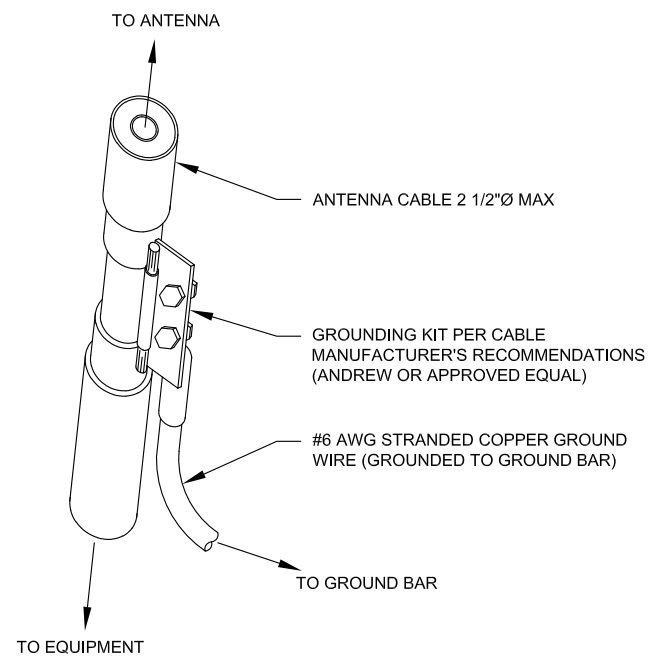
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**NOTES:**

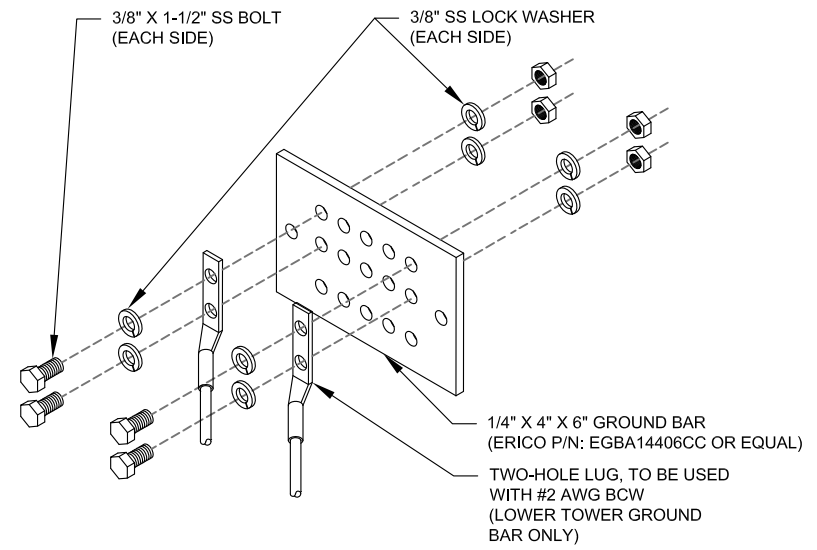
1. THIS DETAIL IS INTENDED TO SHOW THE GENERAL GROUNDING REQUIREMENTS. SLIGHT ADJUSTMENTS MAY BE REQUIRED BASED ON EXISTING SITE CONDITIONS. THE CONTRACTOR SHALL MAKE FIELD ADJUSTMENTS AS NEEDED AND INFORM THE CONSTRUCTION MANAGER OF ANY CONFLICTS.
2. SITE GROUNDING SHALL COMPLY WITH VERIZON GROUNDING STANDARDS, LATEST EDITION, AND COMPLY WITH VERIZON GROUNDING CHECKLIST, LATEST VERSION. WHEN NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT THEY SHALL GOVERN.

**1 TYPICAL ANTENNA GROUNDING DIAGRAM**  
SCALE: N.T.S.



- GROUND KIT NOTES:**
1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.
  2. CONTRACTOR SHALL PROVIDE WEATHERPROOFING KIT (ANDREW PART NUMBER 221213) AND INSTALL/TAPE PER MANUFACTURER'S SPECIFICATIONS.

**2 CABLE GROUND KIT CONNECTION DETAIL**  
SCALE: N.T.S.



- GROUND BAR NOTES:**
1. GROUND BAR KITS COME WITH ALL HARDWARE, NUTS, BOLTS, WASHERS, ETC. EXCEPT THE STRUCTURAL MOUNTING MEMBER(S).
  2. GROUND BAR TO BE BONDED DIRECTLY TO TOWER.

**3 TOWER GROUND BAR DETAIL**  
SCALE: N.T.S.

MORRISON HERSHFIELD  
2 S UNIVERSITY DR., UNIT 245  
PLANTATION, FL 33324  
Tel: 954.577.4655  
www.morrisonhershfield.com

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**411261**

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**CROMWELLSW CT**

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SITE ADDRESS:  
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CROMWELL, CT 06416

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ROBERT JERRY LARA  
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STATE OF CONNECTICUT  
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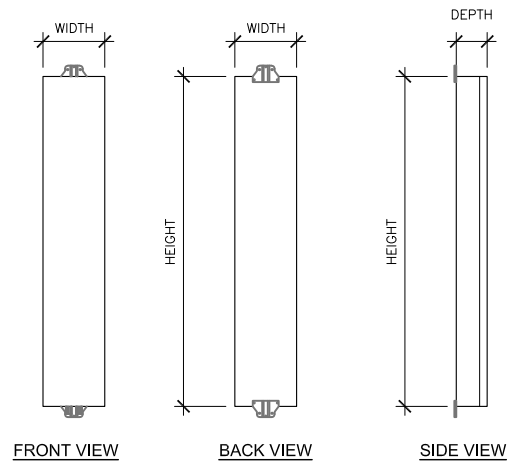
DATE DRAWN:	07/02/21
ATC JOB NO:	13698647_D1
CUSTOMER ID:	CROMWELL SW CT
CUSTOMER #:	467684

**GROUNDING DETAILS**

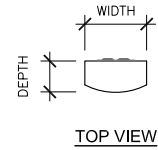
SHEET NUMBER:	REVISION:
<b>E-501</b>	<b>0</b>

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FRONT VIEW BACK VIEW SIDE VIEW



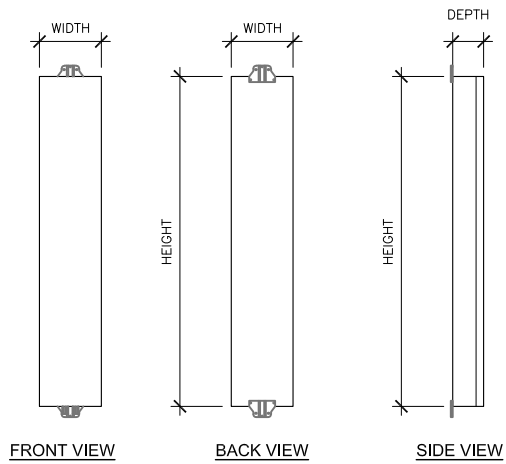
TOP VIEW

COMMSCOPE MX06FRO660-03

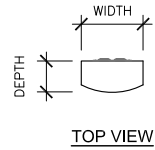
SIZE AND WEIGHT TABLE

HEIGHT	WIDTH	DEPTH	WEIGHT
71.3"	15.4"	10.7"	60.0 LBS

1 PROPOSED ANTENNA DETAILS SCALE:N.T.S.



FRONT VIEW BACK VIEW SIDE VIEW



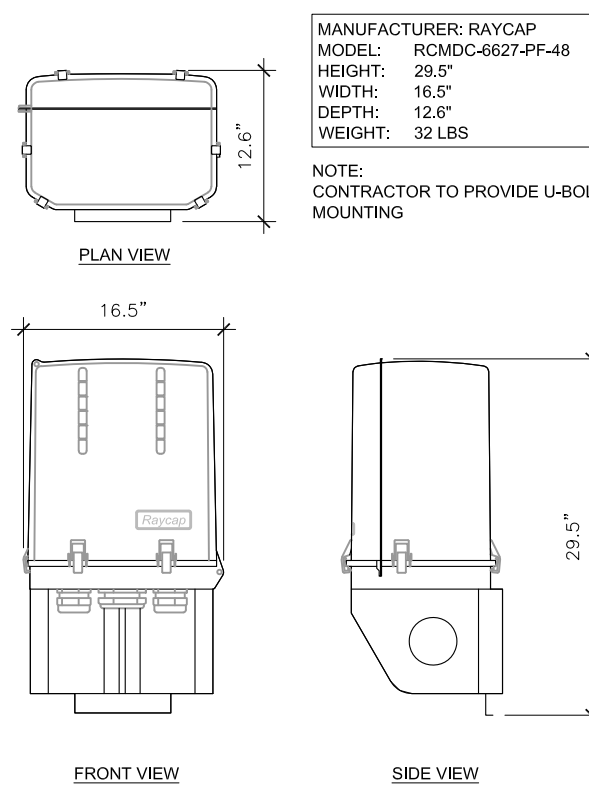
TOP VIEW

SAMSUNG MT6407-77A

SIZE AND WEIGHT TABLE

HEIGHT	WIDTH	DEPTH	WEIGHT
35.1"	16.1"	5.5"	81.6 LBS

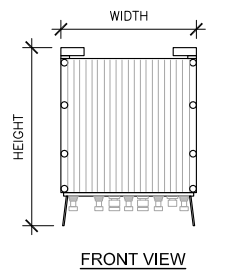
2 PROPOSED ANTENNA DETAILS SCALE:N.T.S.



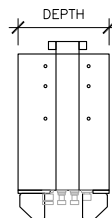
MANUFACTURER: RAYCAP  
 MODEL: RCMDC-6627-PF-48  
 HEIGHT: 29.5"  
 WIDTH: 16.5"  
 DEPTH: 12.6"  
 WEIGHT: 32 LBS

NOTE:  
 CONTRACTOR TO PROVIDE U-BOLT FOR PIPE MOUNTING

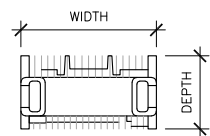
3 OVP SPECIFICATIONS SCALE:N.T.S.



FRONT VIEW



SIDE VIEW



PLAN VIEW

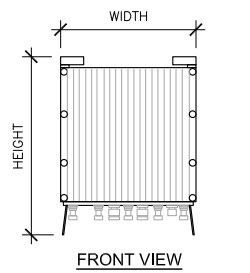
SAMSUNG B5/B13 RRH-BR04C (RFV01U-D2A)

SIZE AND WEIGHT TABLE

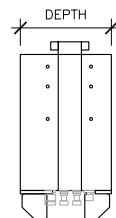
WIDTH	DEPTH	HEIGHT W/O CABLE MANAGEMENT COVER	WEIGHT W/O BRACKET
15.0"	8.1"	15.0"	70.3 LBS

NOTE:  
 INSTALL PER MFR RECOMMENDATIONS

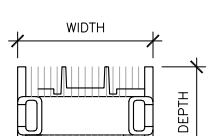
5 RADIO SPECIFICATIONS SCALE: N.T.S.



FRONT VIEW



SIDE VIEW



PLAN VIEW

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

SIZE AND WEIGHT TABLE

WIDTH	DEPTH	HEIGHT W/O CABLE MANAGEMENT COVER	WEIGHT W/O BRACKET
15.0"	10.0"	15.0"	84.4 LBS

NOTE:  
 INSTALL PER MFR RECOMMENDATIONS

6 RADIO SPECIFICATIONS SCALE: N.T.S.

SUPPLEMENTAL

SHEET NUMBER: REVISION:

R-601



GPD Engineering And Architecture Professional Corporation  
 520 South Main Street, Suite 2531  
 Akron, OH 44311  
 (317) 295-3174

Maser Consulting Contact:  
 Peter.albano@colliersengineering.com  
 (856) 371-9457



Mount Post-Modification Analysis Report  
 (1) 15.50-Ft Platform Mount

July 13, 2021  
 Site ID: 467684-VZW / CROMWELL SW CT  
 Page | 5

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

Mount Fix

SMART Tool Project #: 10084891  
 GPD Project #: 2021740.467684.02  
 Maser Consulting Project #: 21777626

July 13, 2021

### Site Information

Site ID: 467684-VZW / CROMWELL SW CT  
 Site Name: CROMWELL SW CT  
 Carrier Name: Verizon Wireless  
 Address: 100 Berlin Road  
 Cromwell, Connecticut 06416, Middlesex County  
 Latitude: 41.606210°  
 Longitude: -72.701206°

### Structure Information

Tower Type: Self Support/Monopole  
 Mount Type: 15.50-Ft Platform Mount

FUZE ID # 16231961

### Analysis Results

Platform Mount: 92.8% 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: Eric Nieto

Respectfully Submitted by:

Christopher J. Scheks, P.E.  
 Connecticut #: 0030026



7/13/2021

### Analysis Results:

Component	Utilization %	Pass/Fail
Platform HSS Framing	31.1 %	Pass
Platform Kicker	29.9 %	Pass
Platform Face Horizontals	33.0 %	Pass
Platform Vertical	85.3 %	Pass
Corner Rail Post	23.4 %	Pass
Corner Angle Brace 1	23.8 %	Pass
Connection Plate	17.9 %	Pass
Corner Angle Brace 2	11.2 %	Pass
Corner Angle Brace 3	41.6 %	Pass
Mount Pipe (P3.5 STD)	26.9 %	Pass
Mount Pipe (P2.0 STD)	15.7 %	Pass
Mount Pipe Connection HSS	17.5 %	Pass
Platform Tower Horz	53.7 %	Pass
Mod Reinforcement Horz	85.0 %	Pass
Mod Reinf Horz Corner Angle	92.3 %	Pass
Mod V-Kit Angle	81.8 %	Pass
Mount Connection	92.8 %	Pass

Structure Rating – (Controlling Utilization of all Components)	92.8%
----------------------------------------------------------------	-------

### Recommendation:

The existing mount 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
6. TIA Adoption Wind Speed Letter

SUPPLEMENTAL

SHEET NUMBER:  
**R-602**

REVISION:

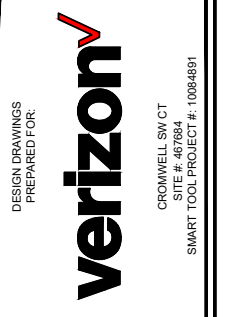
# CROMWELL SW CT

## SITE #: 467684

## SMART TOOL PROJECT #: 10084891



520 South Main Street  
Akron, OH 44311  
330.572.2100 Fax 330.572.2102



MOUNT INFORMATION:	
MOUNT TYPE:	15'-6" PLATFORM
SITE LOCATION:	LAT.: 41.606210° LONG.: -72.701206° STREET ADDRESS: 100 BERLIN ROAD CITY, STATE ZIP: CROMWELL, CT 06416 COUNTY: MIDDLESEX
TOWER OWNER:	ATC
TOWER SITE NUMBER:	411261

CODE COMPLIANCE:	
GOVERNING CODES:	TIA-222-H
WIND SPEEDS:	119 MPH 3-SECOND GUST 50 MPH 3-SECOND GUST (W/ ICE)
ICE THICKNESS:	1"
RISK CATEGORY:	II
EXPOSURE CATEGORY:	C
TOPO CATEGORY:	1
<b>SEISMIC CRITERIA:</b>	
SITE CLASS:	D
RESPONSE COEFFICIENT (R):	2
1-SECOND SPECTRAL RESPONSE ACCELERATION (S <sub>1</sub> ):	0.055
SHORT PERIOD SPECTRAL RESPONSE ACCELERATION (S <sub>s</sub> ):	0.204

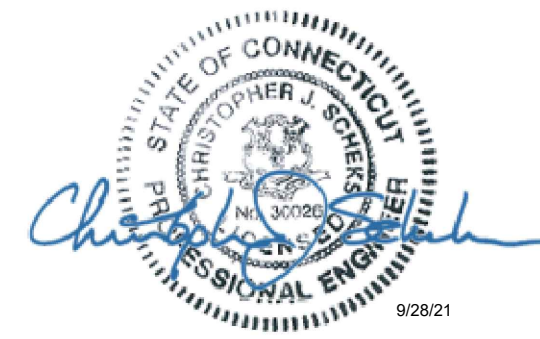
REV.	DATE	DESCRIPTION
0	7/13/21	INITIAL RELEASE
1	9/28/21	NEW RFDS

PROJECT CONTACTS:
<b>MASER CONSULTING CONTACT:</b> PETER ALBANO PETER.ALBANO@COLLIERSENGINEERING.COM (856) 371-9457 PROJECT #: 21777626
<b>ENGINEER CONTACT:</b> GPD ENGINEERING AND ARCHITECTURE PROFESSIONAL CORPORATION 520 SOUTH MAIN STREET, SUITE 2531 AKRON, OH 44311 (330)572-2100 FOR QUESTIONS PLEASE EMAIL: GPDMODS@GPDGROUP.COM

SHEET INDEX:
T-01: TITLE SHEET
N-01: PROJECT NOTES & INSPECTION CHECKLIST
S-01: BILL OF MATERIALS
S-02: CLIMBING FACILITY DETAIL
S-03: MODIFICATION SCHEDULE & DETAILS
S-04 - S-06: DETAILS/PARTS
P-01: MOUNT PHOTOS

CONTRACTOR PMI REQUIREMENTS:	
PMI LOCATION:	HTTPS://PMI.VZWSMART.COM
SMART TOOL PROJECT #:	10084891
VZW LOCATION CODE (PSLC):	467684
FUZE ID:	16231961

REFERENCED DOCUMENTS:	
PASSING MOUNT ANALYSIS REPORT	
SMART TOOL PROJECT #:	10084891
GPD PROJECT #:	2021740.467684.02
ANALYSIS DATE:	9/28/2021



CROMWELL SW CT  
100 BERLIN ROAD  
CROMWELL, CT 06416  
TITLE SHEET

ISSUED FOR:	
PERMIT	9/28/2021
BID	-
CONSTRUCTION	-
RECORD	-

ENGINEER	DESIGNER
EAN	EAN
PROJECT MANAGER	APPROVED BY
DP	CJS

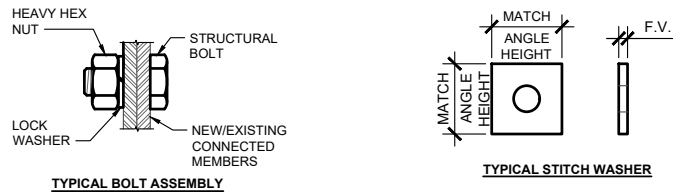
JOB NO.  
2021740.467684.02

T-01

MODIFICATION INSPECTION CHECKLIST		
REQUIRED	REPORT ITEM	BRIEF DESCRIPTION
PRE-CONSTRUCTION		
X	PACKING SLIPS	ANY RECEIPT OF PURCHASE FOR THE MODIFICATION MATERIAL IS ACCEPTABLE.
X	CERTIFICATE OF CONFORMANCE	ALL PRE-ENGINEERED KITS, PARTS, AND/OR ASSEMBLIES PURCHASED FROM REPUTABLE SUPPLIERS SHALL HAVE A SITE SPECIFIC CERTIFICATE OF CONFORMANCE PROVIDED TO CONFIRM ACCEPTABILITY.
X	MATERIAL TEST REPORT (CUSTOM ORDERED OR FABRICATED HARDWARE ONLY)	ALL HARDWARE NOT SPECIFICALLY PROVIDED AS A PRE-ENGINEERED KIT, PART, AND/OR ASSEMBLY SHALL REQUIRE MTR'S TO VERIFY ACCEPTABILITY.
X	EXISTING MOUNT(S)	PHOTOS OF ALL SECTORS (WHERE APPLICABLE) PRIOR TO MODIFICATIONS.
X	HARDWARE PRIOR TO INSTALLATION	PHOTOS OF ALL HARDWARE BEFORE BEING INSTALLED ON THE MOUNT(S).
X	NDT - ALL FULL PENETRATION OR WELDS > 5/16"	AWS STAMPED REPORT REQUIRED. WELDING REQUIREMENTS NOT APPLICABLE FOR PRE-ENGINEERED KITS, PARTS OR ASSEMBLIES FROM REPUTABLE SUPPLIERS.
X	FABRICATOR CERTIFIED WELD INSPECTION	
X	WELDER'S CERTIFICATIONS	

POST-CONSTRUCTION		
X	ON SITE COLD GALVANIZING VERIFICATION (IF APPLICABLE, SEE STRUCTURAL STEEL NOTE #2)	ANY DAMAGE TO THE TOWER SHALL BE REPAIRED IN ACCORDANCE WITH STRUCTURAL STEEL NOTE #2.
X	GC AS-BUILT DRAWINGS	ALL DEVIATIONS TO THE DRAWINGS THAT WERE FOUND MUST BE CLEARLY MARKED AND APPROVED BY THE EOR.
X	MEMBER SIZES	NEW MEMBERS SHALL BE VERIFIED WITH A TAPE MEASURE, CALIPERS, THICKNESS GAUGE, OR OTHER STANDARD INDUSTRY EQUIPMENT.
X	CONNECTION HARDWARE	BOLT SIZE (VIA CALIPERS), FIT-UP, LOCKING MECHANISMS, AND TIGHTNESS SHALL ALL BE VERIFIED AND DOCUMENTED.
X	CRITICAL DIMENSIONS	ALL DIMENSIONS SPECIFICALLY CALLED OUT IN THE DRAWING PACKAGE SHALL BE VERIFIED WITH A TAPE MEASURE. THIS INCLUDES MEMBER LENGTHS, HORIZONTAL AND/OR VERTICAL OFFSETS, SPACING REQUIREMENTS, ETC.
X	FINAL INSTALLED CONFIGURATION	THE COMPLETE MODIFIED CONDITION SHALL BE INSPECTED TO ENSURE FULL CONFORMANCE WITH THE DESIGN DRAWINGS.

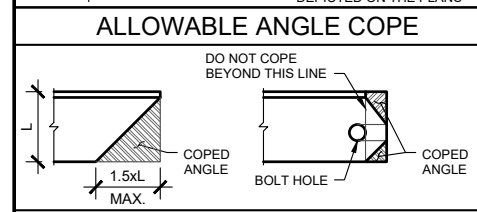
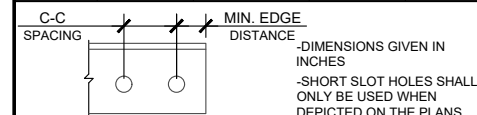
### BOLTING DETAILS



BOLT SCHEDULE				
BOLT DIAMETER	STANDARD HOLE	SHORT SLOT	MIN. EDGE DISTANCE	C-C SPACING
1/2	9/16	9/16x11/16	7/8	1-1/2
5/8	11/16	11/16x7/8	1-1/8	1-7/8
3/4	13/16	13/16x1	1-1/4	2-1/4
7/8	15/16	15/16x1-1/8	1-1/2	2-5/8
1	1-1/8	1-1/8x1-5/16	1-3/4	3

WORKABLE GAGES						
LEG	4	3-1/2	3	2-1/2	2	1-3/4
G	2-1/2	2	1-3/4	1-3/8	1-1/8	1

Diagram showing a gage with dimensions for match angle and height.



**NOTES:**

- ALL DIMENSIONS REPRESENTED IN THESE 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.
- AS AN ALTERNATIVE TO USING A LOCK WASHER PAL-NUTS CAN BE INSTALLED ABOVE THE HEX NUT. ALL BOLTS MUST HAVE LOCKING DEVICES INSTALLED AS PART OF THE ASSEMBLY.
- ADDITIONAL HARDENED FLAT WASHERS MAY BE REQUIRED IN CASES WHERE OVERSIZED OR SLOTTED HOLES ARE PRESENT. EXISTING CONDITIONS SHALL BE APPROVED BY THE EOR.

### GENERAL NOTES

- THIS DESIGN IS IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF TIA/EIA-222, AWS, ANSI TIA-322 AND AISC. MATERIALS, FABRICATION, INSTALLATION, AND ALL OTHER SERVICES PROVIDED BY THE CONTRACTOR SHALL CONFORM TO THE ABOVE MENTIONED CODES AND THE CONTRACT SPECIFICATIONS.
- THIS DESIGN ASSUMES THE TOWER AND MOUNTS HAVE BEEN WELL MAINTAINED, ARE IN GOOD CONDITION, AND ARE WITHOUT DEFECT. BENT MEMBERS, CORRODED MEMBERS, LOOSE BOLTS, CRACKED WELDS AND OTHER MEMBER DEFECTS HAVE NOT BEEN CONSIDERED. THE TOWER IS ASSUMED TO BE PLUMB AND THE SITE IS ASSUMED TO BE LEVEL. THIS DESIGN IS BEING PROVIDED WITHOUT THE BENEFIT OF A CONDITION ASSESSMENT BY GPD.
- THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING; ANY PROBLEMS WITH ACCESS, INTERFERENCE, ETC. SHALL BE RESOLVED PRIOR TO MOBILIZATION. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND NOTE ANY EXISTING CONDITIONS THAT ARE NOT REPRESENTED ON THESE DRAWINGS OR THAT INTERFERE WITH THE CONTINUOUS INSTALLATION OF THE MODIFICATIONS. CONTRACTOR SHALL NOTE ALL ATTACHMENT POINTS, ANTENNAS, MOUNTS, COAX LIGHTING CLIMBING SUPPORTS, STEP BOLTS, PORT HOLES, AND ANY OTHER APPURTENANCES IN THE REGION OF THE MODIFICATIONS. GPD SHALL BE CONTACTED IMMEDIATELY TO EVALUATE THE SIGNIFICANCE OF ANY DEVIATION PRIOR TO ORDERING MATERIAL.
- ALL MATERIAL SPECIFIED FOR THIS PROJECT MUST BE NEW AND FREE OF ANY DEFECTS. ANY MATERIAL SUBSTITUTIONS, INCLUDING BUT NOT LIMITED TO ALTERED SIZES AND/OR STRENGTHS, MUST BE APPROVED BY THE OWNER AND ENGINEER IN WRITING. CONTRACTOR SHALL PROVIDE DOCUMENTATION TO ENGINEER FOR DETERMINING IF SUBSTITUTE IS SUITABLE FOR USE AND MEETS THE 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 IS RESPONSIBLE FOR ENGAGING A MODIFICATION INSPECTOR AT THE TIME OF AWARD TO COORDINATE AN INSPECTION SCHEDULE AND ENSURE PROPER DOCUMENTATION IS RETAINED THROUGHOUT THE PROJECT. REFER TO THE MODIFICATION INSPECTION TABLES ON THIS SHEET.
- INSTALLATION OF THE PROPOSED LOADING IS BY OTHERS AND IS BEYOND THE SCOPE OF THESE DRAWINGS.
- ALL CONTRACTORS AND LOWER TIER CONTRACTORS MUST ACKNOWLEDGE IN WRITING TO TOWER OWNER AND GPD THAT THEY HAVE OBTAINED, UNDERSTAND, AND WILL FOLLOW TOWER OWNER STANDARDS OF PRACTICE, CONSTRUCTION GUIDELINES, ALL SITE AND TOWER SAFETY PROCEDURES, ALL PRODUCT LIMITATIONS AND INSTALLATION PROCEDURES USED ON SITE, AND PROPOSED MODIFICATIONS DESCRIBED. RECEIPT OF ACKNOWLEDGMENT MUST OCCUR PRIOR TO BEGINNING CONSTRUCTION OR CLIMBING. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO PROVIDE THIS DOCUMENTATION FOR TOWER OWNER AND GPD ON COMPANY LETTERHEAD AND THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO OBTAIN THIS DOCUMENTATION FROM LOWER TIER SUBCONTRACTORS (ON SUBCONTRACTOR LETTERHEAD) AND DELIVER IT TO TOWER OWNER AND GPD.
- IT IS ASSUMED THAT ANY STRUCTURAL MODIFICATION WORK SPECIFIED ON THESE PLANS WILL BE ACCOMPLISHED BY KNOWLEDGEABLE WORKMEN WITH TOWER CONSTRUCTION EXPERIENCE. THIS INCLUDES PROVIDING THE NECESSARY CERTIFICATIONS TO THE TOWER OWNER AND ENGINEER.
- THESE DRAWINGS DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION METHODS, MEANS, TECHNIQUES, SEQUENCES, AND PROCEDURES.
- THE CONTRACTOR AND ALL SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR THE SAFETY OF THEIR WORK FORCE, THE WORK AREA, ADJACENT AREA, AND ANY PROPERTY OCCUPANTS WHO MAY BE AFFECTED BY THE WORK UNDER CONTRACT. THE CONTRACTOR SHALL REVIEW AND ABIDE BY ALL LANDOWNER, PRIME CONTRACTOR, CARRIER, OSHA, AND LOCAL SAFETY GUIDELINES. ALL TOWER WORKERS SHALL UTILIZE APPROPRIATE FALL PROTECTION AND SAFETY EQUIPMENT THAT IS UP-TO-DATE AND INSPECTED PER OSHA AND INDUSTRY GUIDELINES. ALL WORKERS SHALL BE TRAINED AND MONITORED TO ENSURE SAFE WORKING PRACTICES ARE MAINTAINED.
- CONTRACTOR IS RESPONSIBLE FOR TEMPORARILY REMOVING ALL COAX, T-BRACKETS, ANTENNA MOUNTS, AND ANY OTHER APPURTENANCE THAT MAY INTERFERE WITH THE TOWER MODIFICATIONS. ALL TOWER APPURTENANCES MUST BE REPLACED AND/OR RESTORED TO ITS ORIGINAL LOCATION. SOME ATTACHMENTS MAY REQUIRE CUSTOM MODIFICATIONS TO PROPERLY FIT THE MODIFIED REGION OF THE STRUCTURE. THESE CUSTOMIZATIONS ARE DESIGNED BY OTHERS AND MUST BE APPROVED BY THE ENGINEER PRIOR TO REMOVING SUCH ATTACHMENTS. ANY CARRIER DOWNTIME MUST BE COORDINATED WITH THE TOWER OWNER IN WRITING.
- CONTRACTOR SHALL ONLY WORK WITHIN THE LIMITS OF THE TOWER OWNER'S PROPERTY OR LEASE AREA AND APPROVED EASEMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY WORK IS WITHIN THESE BOUNDARIES. CONTRACTOR SHALL EMPLOY A SURVEYOR AS REQUIRED. ANY WORK OUTSIDE THESE BOUNDARIES SHALL BE APPROVED IN WRITING BY THE LAND OWNER PRIOR TO MOBILIZATION. CONSTRUCTION STAKING AND BOUNDARY MARKING IS THE RESPONSIBILITY OF THE CONTRACTOR.
- THE STRUCTURAL INTEGRITY OF THIS DESIGN EXTENDS TO THE COMPLETE CONDITION ONLY. THE CONTRACTOR MUST BE COGNIZANT THAT THE REMOVAL OF ANY STRUCTURAL COMPONENT HAS THE POTENTIAL TO CAUSE THE PARTIAL OR COMPLETE COLLAPSE OF THE STRUCTURE. ALL NECESSARY PRECAUTIONS MUST BE TAKEN TO ENSURE THE STRUCTURAL INTEGRITY, INCLUDING, BUT NOT LIMITED TO, ENGINEERING ASSESSMENT OF CONSTRUCTION STRESSES WITH INSTALLATION MAXIMUM WIND SPEED AND/OR TEMPORARY BRACING AND SHORING.
- WORK SHALL ONLY BE PERFORMED DURING CALM DRY DAYS (WINDS LESS THAN 10-MPH). ALL TEMPORARY BRACING AND TEMPORARY SUPPORTS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- VERIFY IF THIS STRUCTURE IS AN FM TOWER AND TAKE NECESSARY ACTIONS TO PROVIDE SAFE WORKING CONDITIONS INCLUDING, BUT NOT LIMITED TO, HAVING FM SIGNAL TURNED OFF. CONTRACTOR SHALL HAVE PROPER RADMAN FOR NOTIFICATION OF EXCESSIVE RF EXPOSURE FOR ALL INDIVIDUALS WORKING ON SITE IF FM ANTENNAS ARE PRESENT.
- ALL MANUFACTURERS HARDWARE AND ASSEMBLY INSTRUCTIONS SHALL BE FOLLOWED EXACTLY. DEVIATION FROM THE INSTRUCTIONS IS UNACCEPTABLE AND REQUIRES WRITTEN APPROVAL FROM ENGINEER.
- DO NOT SCALE DRAWINGS.
- THE CLIMBING FACILITIES, SAFETY CLIMB AND ALL ASSOCIATED HARDWARE SHALL NOT BE IMPEDED OR MODIFIED WITHOUT THE WRITTEN CONSENT OF GPD.
- INSTALL SHALL NOT CAUSE HARM TO THE STRUCTURE, CLIMBING FACILITY, SAFETY CLIMB OR ANY SYSTEM INSTALLED ON THE STRUCTURE.

### STRUCTURAL STEEL NOTES

- ALL NEW STEEL SHALL BE HOT-DIPPED GALVANIZED PER ASTM A123, ASTM A153/A153M, OR ASTM A653 G90, AS APPLICABLE FOR FULL WEATHER PROTECTION. FOR HIGH STRENGTH STEEL FASTENERS WHERE HOT-DIPPED GALVANIZING IS NOT PERMITTED MAONI 565 COATINGS (OR ENGINEER APPROVED EQUIVALENT) SHALL BE USED. IN ADDITION ALL NEW STEEL SHALL BE PAINTED TO MATCH EXISTING TOWER STEEL. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROTECT STEEL BY ANY OTHER MEANS.
- ALL EXPOSED STRUCTURAL STEEL AS THE RESULT OF THIS SCOPE OF WORK INCLUDING, BUT NOT LIMITED TO, DAMAGED MEMBERS, FIELD WELDS, FIELD CUT MEMBERS, FIELD DRILLED HOLES, AND SHAFT INTERIORS (WHERE APPLICABLE), SHALL BE SOLVENT CLEANED AND HAVE TWO (2) COATS OF BRUSHED ON ZRC ZINC RICH COLD GALVANIZING PAINT APPLIED AND SHALL BE PAINTED TO MATCH THE TOWER FINISH (WHERE APPLICABLE). PHOTO DOCUMENTATION IS REQUIRED TO BE SUBMITTED TO THE MODIFICATION INSPECTOR.
- ALL STRUCTURAL STEEL SHALL CONFORM TO THE LISTED REQUIREMENTS U.N.O. IN THESE DRAWINGS:
  - STEEL ANGLE: ASTM A36 (Fy=36 KSI)
  - PIPE (ROUND): ASTM A53 GRADE B (Fy=35 KSI)
  - BOLTS: ASTM A325 TYPE 1
  - THREADED RODS: ASTM A307 GRADE A
  - U-BOLTS: ASTM A307 GRADE A
  - NUTS: ASTM A563 GRADE DH
  - WASHERS (AS REQUIRED): ASTM F436 TYPE 1
  - LOCKING DEVICES: PAL-NUT OR SPLIT WASHER
- ALL BOLT ASSEMBLIES FOR STRUCTURAL MEMBERS REPRESENTED IN THIS DRAWING REQUIRE LOCKING DEVICES TO BE INSTALLED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF TIA/EIA-222 REQUIREMENTS.
- ALL BOLTS, INCLUDING U-BOLTS, SHALL BE TIGHTENED IN ACCORDANCE WITH AISC "SNUG TIGHT" REQUIREMENTS, U.N.O.
- ALL U-BOLTS SPECIFIED SHALL MEET THE REQUIREMENTS OF ASME B18.31.5-2011 BENT BOLTS.
- STRUCTURAL STEEL SHOP DRAWINGS SHALL BE PROVIDED TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
- UNLESS NOTED OTHERWISE, ALL NEW MEMBERS SHALL MAINTAIN THE EXISTING MEMBER WORK LINES AND NOT INTRODUCE ECCENTRICITIES INTO THE STRUCTURE.
- WELDING OF ANY KIND IS NOT PERMITTED ON SITE UNLESS SPECIFIED WITHIN THESE DRAWINGS. OXY FUEL GAS WELDING OR BRAZING IS STRICTLY PROHIBITED. SPECIFICALLY, NO TORCH CUTTING OR OPEN FLAME IS PERMITTED ON SITE. ALL HOLES SHALL BE CUT WITH A GRINDER.
- FOR ALL SHOP WELDING, USE E70XX ELECTRODES FOR SMAW PROCESS AND E7XT-XX ELECTRODES FOR FCAW PROCESS, UNO.

### MODIFICATION INSPECTION NOTES

#### GENERAL

- THE MI IS AN ON-SITE AND HANDS-ON INSPECTION OF THE MODIFICATIONS INCLUDING A REVIEW OF CONSTRUCTION REPORTS AND ADDITIONAL PERTINENT DOCUMENTATION PROVIDED BY THE GENERAL CONTRACTOR (GC), AS WELL AS AND INSPECTION DOCUMENTS PROVIDED BY 3RD PARTY INSPECTORS. THE MI IS TO ENSURE THE INSTALLATION WAS CONSTRUCTED IN ACCORDANCE WITH THE MODIFICATION DRAWINGS; IN ACCORDANCE WITH ALL APPLICABLE INDUSTRY STANDARDS; AND AS DESIGNED BY THE ENGINEER OF RECORD (EOR).
- NO DOCUMENT, CODE, OR POLICY CAN ANTICIPATE EVERY SITUATION THAT MAY ARISE. ACCORDINGLY, THE CHECKLIST IS INTENDED TO SERVE AS A SOURCE OF GUIDING PRINCIPLES IN ESTABLISHING GUIDELINES FOR THE MODIFICATION INSPECTION.
- THE MI IS TO CONFIRM INSTALLATION CONFIGURATION AND WORKMANSHIP ONLY AND IS NOT A REVIEW OF THE MODIFICATION DESIGN ITSELF. AND THE MI INSPECTOR DOES NOT TAKE OWNERSHIP OF THE DESIGN. THE MI INSPECTOR SHALL INSPECT AN NOTE CONFORMANCE/NON-CONFORMANCE AND PROVIDE TO THE TOWER/STRUCTURE OWNER AND EOR FOR EVALUATION.
- TO ENSURE THAT THE REQUIREMENTS OF THE MODIFICATION INSPECTION ARE MET, IT IS VITAL THAT THE GENERAL CONTRACTOR (GC) AND THE MI INSPECTOR BEGIN COMMUNICATING AND COORDINATING AS SOON AS A PO OR PAYMENT IS RECEIVED. IT IS EXPECTED THAT EACH PARTY WILL BE PROACTIVE IN REACHING OUT TO THE OTHER PARTY. CONTACT LISTED ON THE TITLE SHEET SHALL BE CONTACTED IF SPECIFIC INSPECTOR CONTACT INFORMATION IS NOT KNOWN.

#### FAILING INSPECTION REQUIREMENTS

- IF THE MODIFICATION INSTALLATION WOULD FAIL THE MODIFICATION INSPECTION ("FAILED MODIFICATION INSPECTION"), THE GC SHALL WORK WITH THE MI INSPECTOR TO COORDINATE A REMEDIATION PLAN IN ONE OF TWO WAYS:
  - CORRECT FAILING ISSUES TO COMPLY WITH THE SPECIFICATIONS CONTAINED IN THE ORIGINAL MODIFICATION DRAWINGS AND COORDINATE A SUPPLEMENT MODIFICATION INSPECTION.
  - OR, WITH TOWER OWNER APPROVAL, THE GC MAY WORK WITH THE ENGINEER OF RECORD TO RE-ANALYZE THE MODIFICATION/REINFORCEMENT USING THE AS-BUILT CONDITION.

#### SERVICE LEVEL COMMITMENT

- THE FOLLOWING RECOMMENDATIONS AND SUGGESTIONS ARE OFFERED TO ENHANCE THE EFFICIENCY AND EFFECTIVENESS OF DELIVERING AN MI REPORT:
  - THE GC SHALL PROVIDE A MINIMUM OF 5 BUSINESS DAYS NOTICE, PREFERABLY 10, TO THE MI INSPECTOR AS TO WHEN THE SITE WILL BE READY TO 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 DURING THE MI TO HAVE ANY MINOR 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.

#### 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 MODIFICATION CONSTRUCTION/ERECTION AND INSPECTION
    - RAW MATERIALS
    - PHOTOS OF ALL CRITICAL DETAILS
    - WELD PREPARATION
    - BOLT INSTALLATION
    - FINAL INSTALLED CONDITION
    - SURFACE COATING REPAIR
  - ANY OTHER PHOTOS DEEMED RELEVANT TO SHOW COMPLETE DETAILS OF THE MODIFICATIONS.
- PHOTOS OF ELEVATED MODIFICATION TAKEN ONLY FROM THE GROUND SHALL BE CONSIDERED INADEQUATE.



REV.	DATE	DESCRIPTION
0	7/19/21	INITIAL RELEASE
1	9/28/21	NEW RFI'S

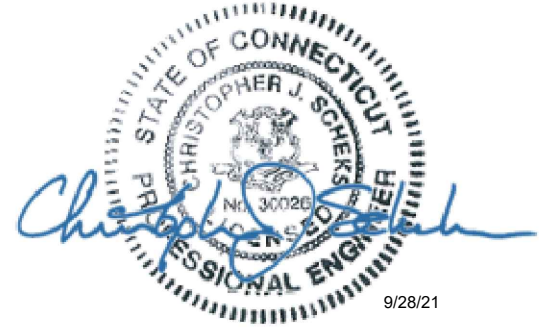
CROMWELL SW CT  
100 BERLIN ROAD  
CROMWELL, CT 06416  
PROJECT NOTES  
& INSPECTION CHECKLIST

ISSUED FOR:	
PERMIT	9/28/2021
BID	-
CONSTRUCTION	-
RECORD	-

ENGINEER	DESIGNER
EAN	EAN
PROJECT MANAGER	APPROVED BY
DP	CJS

JOB NO.  
2021740.467684.02

N-01

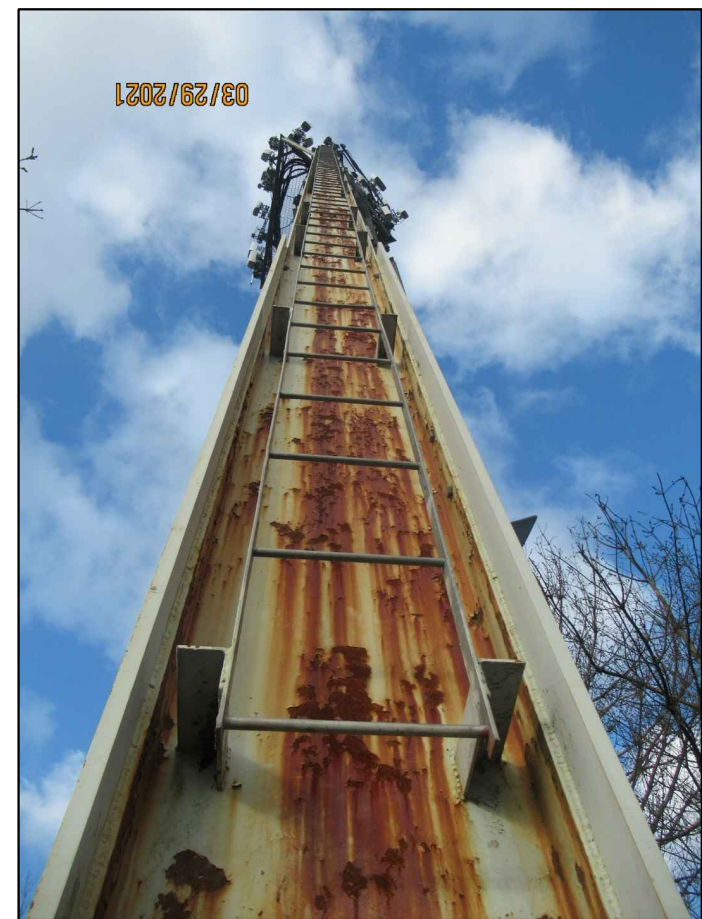




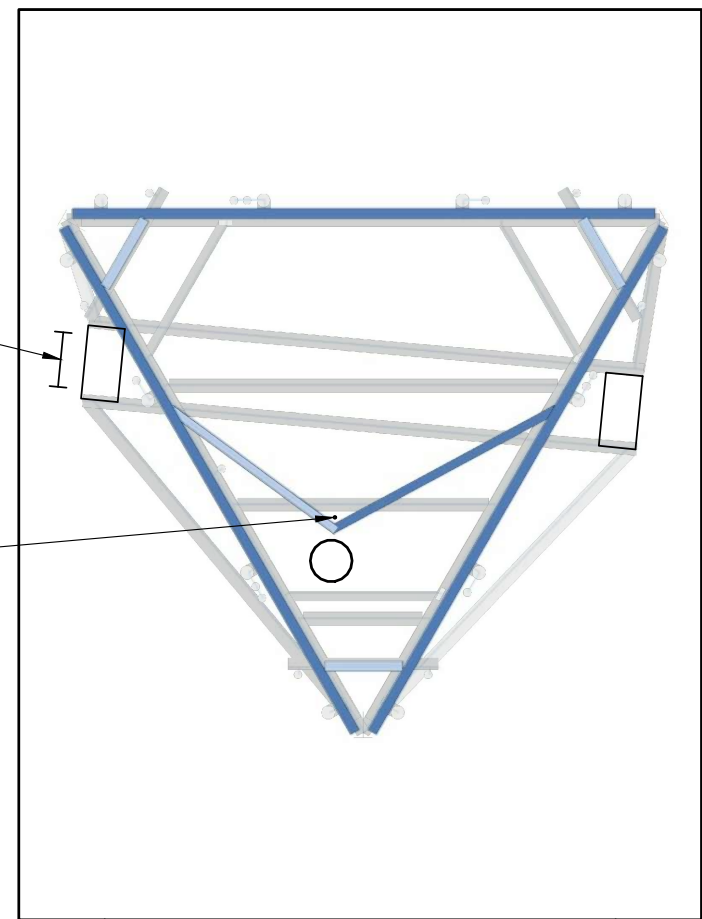
DESIGN DRAWINGS  
PREPARED FOR:



CROMWELL SW CT  
SITE # 467684  
SMART TOOL PROJECT #: 1066491



CLIMBING FACILITY PHOTO



CLIMBING FACILITY LOCATION

- NOTES:
1. CONTRACTOR TO INSPECT CLIMBING FACILITIES AT SITE AND ENSURE THAT THE SAFETY CLIMB IS IN GOOD CONDITION AND THAT THE WIRE ROPE DOES NOT OR WILL NOT INTERFERE WITH THE EXISTING OR PROPOSED MOUNT CONNECTIONS. CONTRACTOR SHALL INSTALL SAFETY CLIMB WIRE ROPE GUIDED AROUND MOUNT CONNECTIONS AS NEEDED.
  2. 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.

REV.	DATE	DESCRIPTION
0	7/13/21	INITIAL RELEASE
1	9/28/21	NEW RFDS

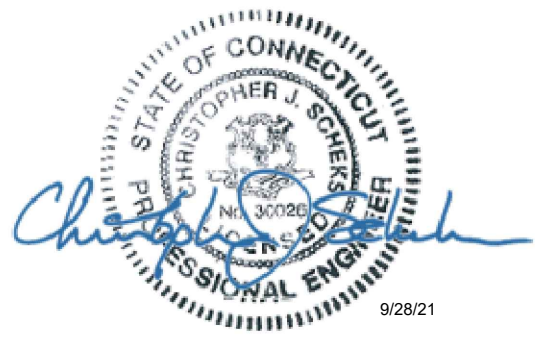
CROMWELL SW CT  
100 BERLIN ROAD  
CROMWELL, CT 06416

BILL OF MATERIALS

ISSUED FOR:	
PERMIT	9/28/2021
BID	-
CONSTRUCTION	-
RECORD	-

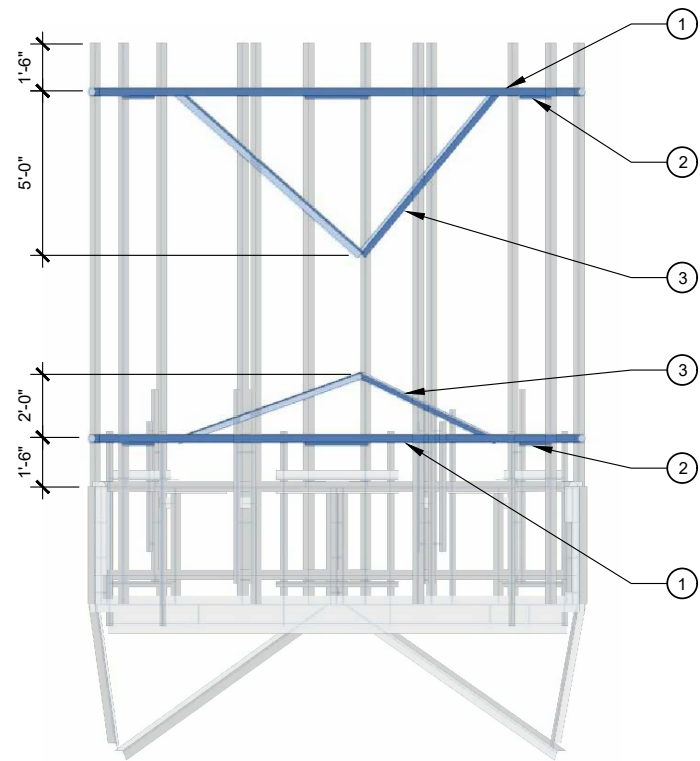
ENGINEER	DESIGNER
EAN	EAN
PROJECT MANAGER	APPROVED BY
DP	CJS

JOB NO.  
2021740.467684.02



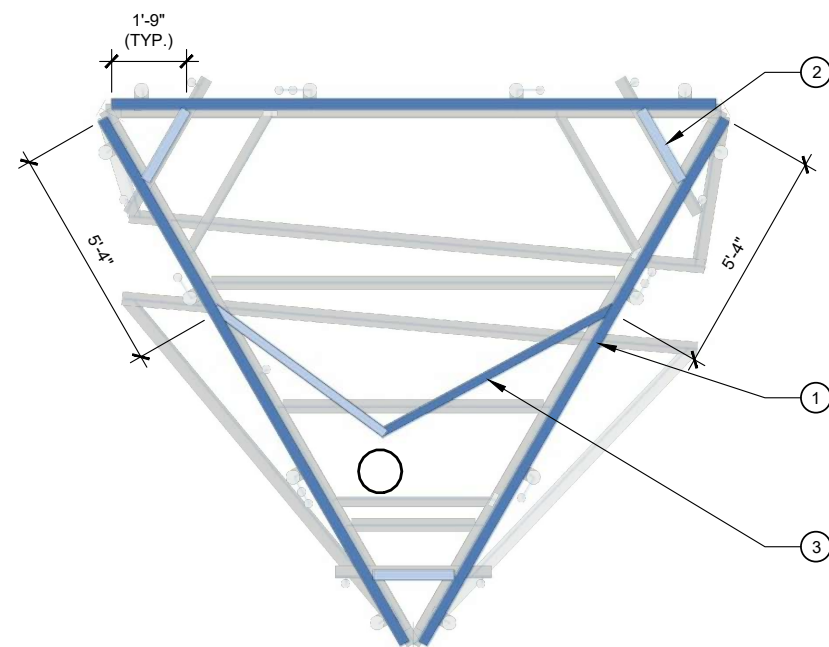
9/28/21

S-02



**1 ELEVATION VIEW**  
S-03

NOTE:  
1. MOUNT PIPES TO BE REMOVED NOT SHOWN FOR DETAIL CLARITY.



**2 PLAN VIEW**  
S-03

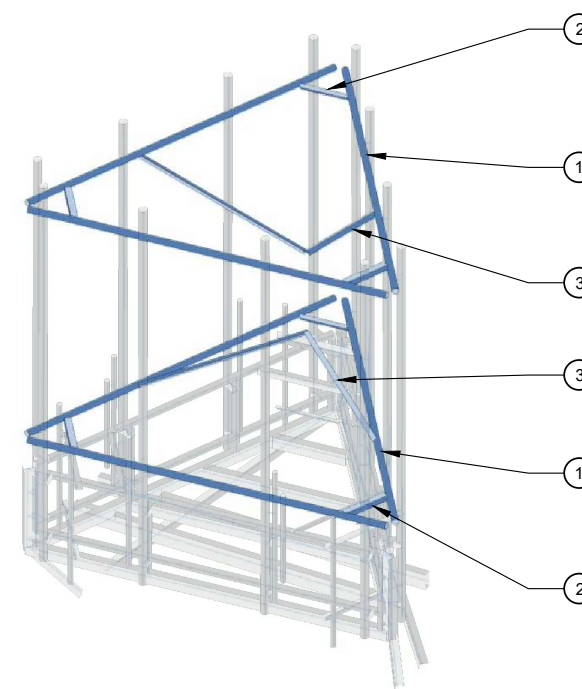
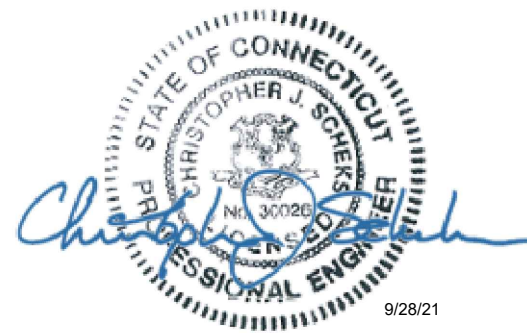
NOTE:  
1. MOUNT PIPES TO BE REMOVED NOT SHOWN FOR DETAIL CLARITY.

**MOUNT MODIFICATION SCHEDULE**

NO.	ELEVATION	QUANTITY	DESCRIPTION	NOTES
1	85°-0"±	6	PROPOSED FACE HORIZONTAL (P2.5 STD)	INSTALL A NEW FACE HORIZONTAL CONNECTED TO MOUNT PIPES (F.V. REQUIRED LENGTH BEFORE ORDERING). CONNECT NEW FACE HORIZONTAL TO P3.5 STD MOUNT PIPES USING NEW CROSSOVER PLATE ASSEMBLIES (SITE PRO 1 P/N: SCX7-U).
2		6	PROPOSED SUPPORT RAIL CORNER ANGLE (L4X4X1/4)	INSTALL A NEW SUPPORT RAIL CORNER ANGLE CONNECTED TO NEW FACE HORIZONTAL (F.V. REQUIRED LENGTH BEFORE ORDERING). CONNECT NEW SUPPORT RAIL CORNER ANGLE TO NEW FACE HORIZONTAL USING NEW CORNER BRACKET KITS (VERIZON P/N: VZWSMART-PLK3).
3		4	PROPOSED V-STYLE REINFORCEMENT ANGLE (L2-1/2X2-1/2X1/4)	INSTALL A NEW V-STYLE REINFORCEMENT ANGLE CONNECTED TO TOWER SHAFT AND NEW FACE HORIZONTAL (F.V. REQUIRED LENGTH BEFORE ORDERING). CONNECT NEW V-STYLE REINFORCEMENT ANGLE TO TOWER SHAFT AND NEW FACE HORIZONTAL USING NEW V-STYLE CONNECTION KIT (SITE PRO P/N: PRK-SFS-NA).
4		-	REMOVE EXISTING MOUNT PIPE	REMOVE EXISTING MOUNT PIPE AND ALL ASSOCIATED HARDWARE (TYP. FOR ALL SECTORS) TO ALLOW FOR INSTALLATION OF PROPOSED MOUNT MODIFICATIONS. SEE SHEET P-01.

**NOTES:**

1. ANY SUBSTITUTION OF PARTS SPECIFIED IN THIS DESIGN PACKAGE SHALL REQUIRE ENGINEER APPROVAL PRIOR TO FABRICATION.
2. ALL MATERIAL REMOVED FROM MOUNT SHALL BE DISPOSED OF BY CONTRACTOR OFF SITE.
3. INSTALL SHALL NOT CAUSE HARM TO THE STRUCTURE, CLIMBING FACILITY, SAFETY CLIMB OR ANY SYSTEM INSTALLED ON THE STRUCTURE.



**3 ISOMETRIC VIEW**  
S-03

NOTE:  
1. MOUNT PIPES TO BE REMOVED NOT SHOWN FOR DETAIL CLARITY.



520 South Main Street  
Akron, OH 44311  
330.572.2100 Fax 330.572.2102



REV.	DATE	DESCRIPTION
0	7/18/21	INITIAL RELEASE
1	9/28/21	NEW RFD'S

**CROMWELL SW CT**  
100 BERLIN ROAD  
CROMWELL, CT 06416

**MODIFICATION SCHEDULE & DETAILS**

ISSUED FOR:	
PERMIT	9/28/2021
BID	-
CONSTRUCTION	-
RECORD	-

ENGINEER	DESIGNER
EAN	EAN
PROJECT MANAGER	APPROVED BY
DP	CJS

JOB NO.  
2021740.467684.02

**S-03**

DESIGN DRAWINGS  
PREPARED FOR:



CROMWELL SW CT  
SITE #: 467684  
SMART TOOL PROJECT #: 1064691

REV.	DATE	DESCRIPTION
0	7/13/21	INITIAL RELEASE
1	9/28/21	NEW RFD'S

CROMWELL SW CT  
100 BERLIN ROAD  
CROMWELL, CT 06416

DETAILS/PARTS

ISSUED FOR:	
PERMIT	9/28/2021
BID	-
CONSTRUCTION	-
RECORD	-

ENGINEER	DESIGNER
EAN	EAN
PROJECT MANAGER	APPROVED BY
DP	CJS

JOB NO.  
2021740.467684.02

S-04

VzW  
SMART Tool<sup>®</sup>  
Vendor

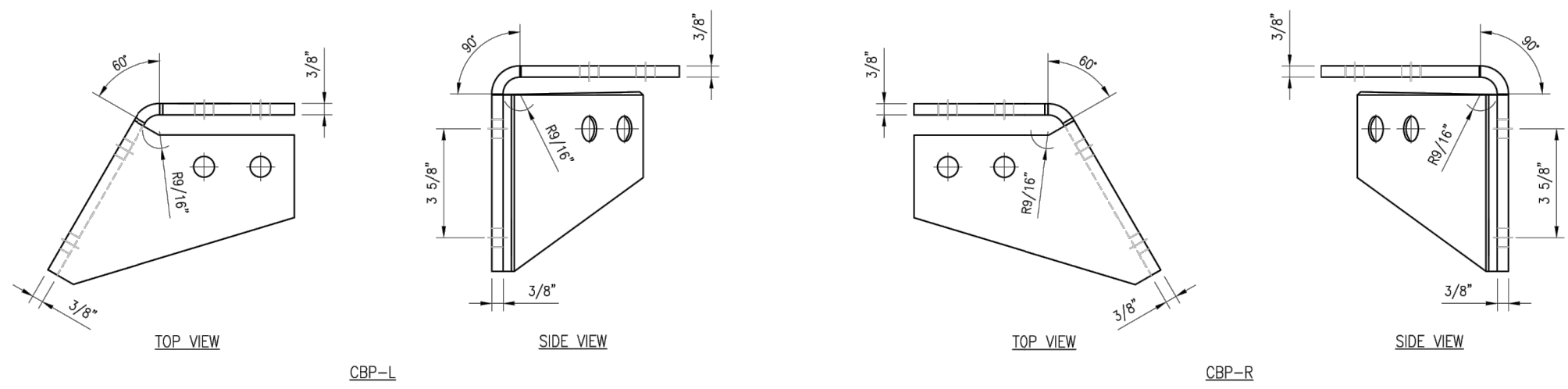


DRAWN BY: H.R	CHECKED BY: HMA		
REV.	DESCRIPTION	BY	DATE
△	FIRST ISSUE	H.R	05/08/20
△			
△			
△			

SHEET TITLE:  
VZSMART-PLK3  
SUPPORT RAIL CORNER  
BRACKET

SHEET NUMBER:  
VZSMART-PLK3

REV #:  
0



REFERENCE  
ONLY

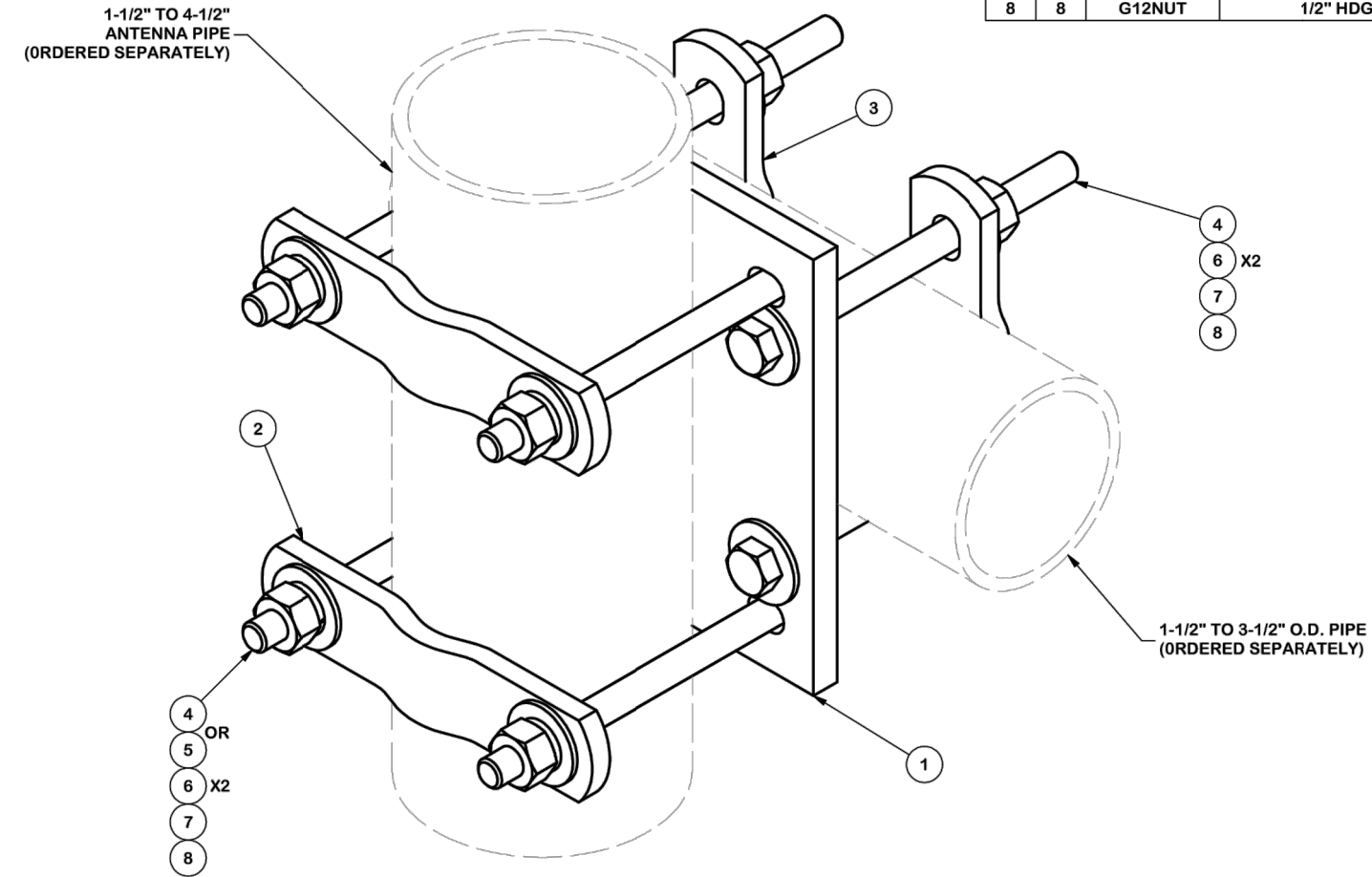
NOTES:  
1. HOT-DIPPED GALVANIZED PER ASTM A123.

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





PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	1	SCX7	CROSSOVER PLATE	8 in	7.55	7.55
2	2	X-115765	5" V-CLAMP		1.02	2.04
3	2	X-100064	CLAMP (S) (4" V-CLAMP) GALVANIZED		0.91	1.83
4	8	G12065	1/2" x 6-1/2" HDG HEX BOLT GR5 FULL THREAD	6 1/2 in	0.41	3.28
5	4	G12045	1/2" x 4.5" HDG HEX BOLT GR5 FULL THREAD	4 1/2 in	0.30	1.19
6	16	G12FW	1/2" HDG USS FLATWASHER		0.03	0.54
7	8	G12LW	1/2" HDG LOCKWASHER		0.01	0.11
8	8	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	0.57
TOTAL WT. #						16.98



REFERENCE ONLY

REV.	DATE	DESCRIPTION
0	7/13/21	INITIAL RELEASE
1	9/28/21	NEW RFD'S

CROMWELL SW CT  
100 BERLIN ROAD  
CROMWELL, CT 06416  
DETAILS/PARTS

**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		CROSSOVER PLATE (V-CLAMP STYLE)		Locations: New York, NY Atlanta, GA Los Angeles, CA Plymouth, IN Salem, OR Dallas, TX Engineering Support Team: 1-888-753-7446	
CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.	PAGE	
	CEK 10/7/2010		SCX7-U	1 OF 1	
CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.	
81	01	CUSTOMER	BMC 10/8/2010	SCX7-U	

ISSUED FOR:	
PERMIT	9/28/2021
BID	-
CONSTRUCTION	-
RECORD	-

ENGINEER	DESIGNER
EAN	EAN
PROJECT MANAGER	APPROVED BY
DP	CJS

JOB NO.  
2021740.467684.02

S-05



REV.	DATE	DESCRIPTION
0	7/13/21	INITIAL RELEASE
1	9/28/21	NEW RFD'S

CROMWELL SW CT  
100 BERLIN ROAD  
CROMWELL, CT 06416  
DETAILS/PARTS

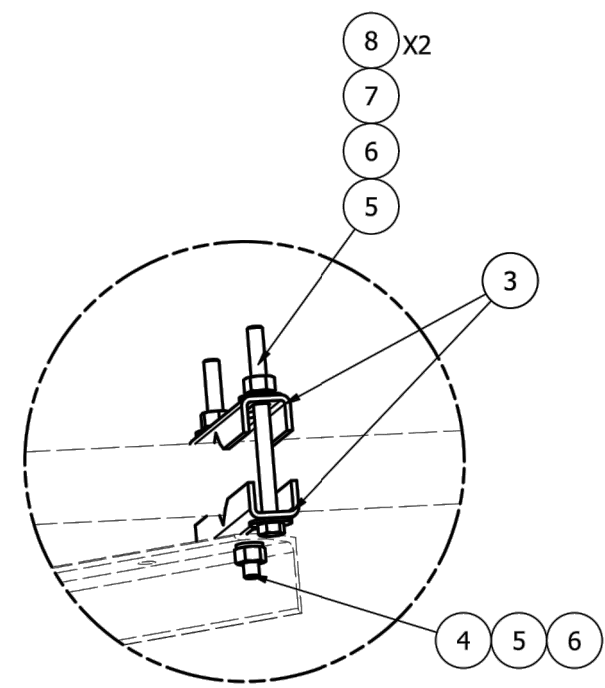
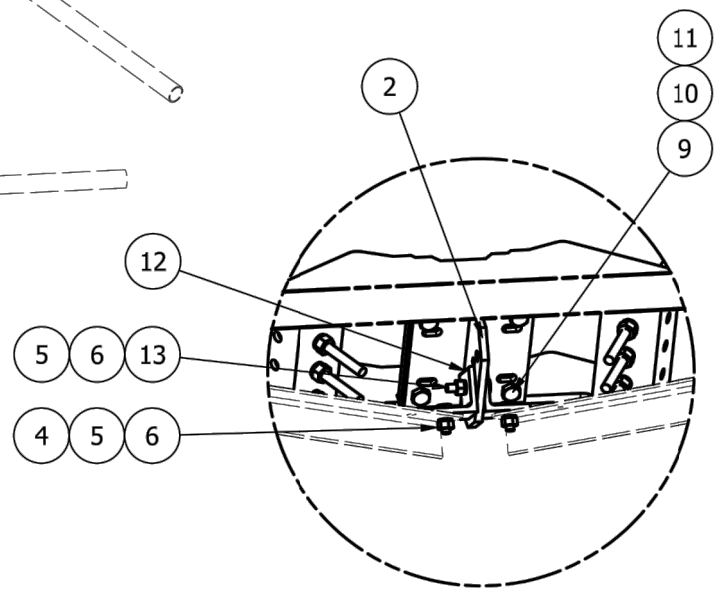
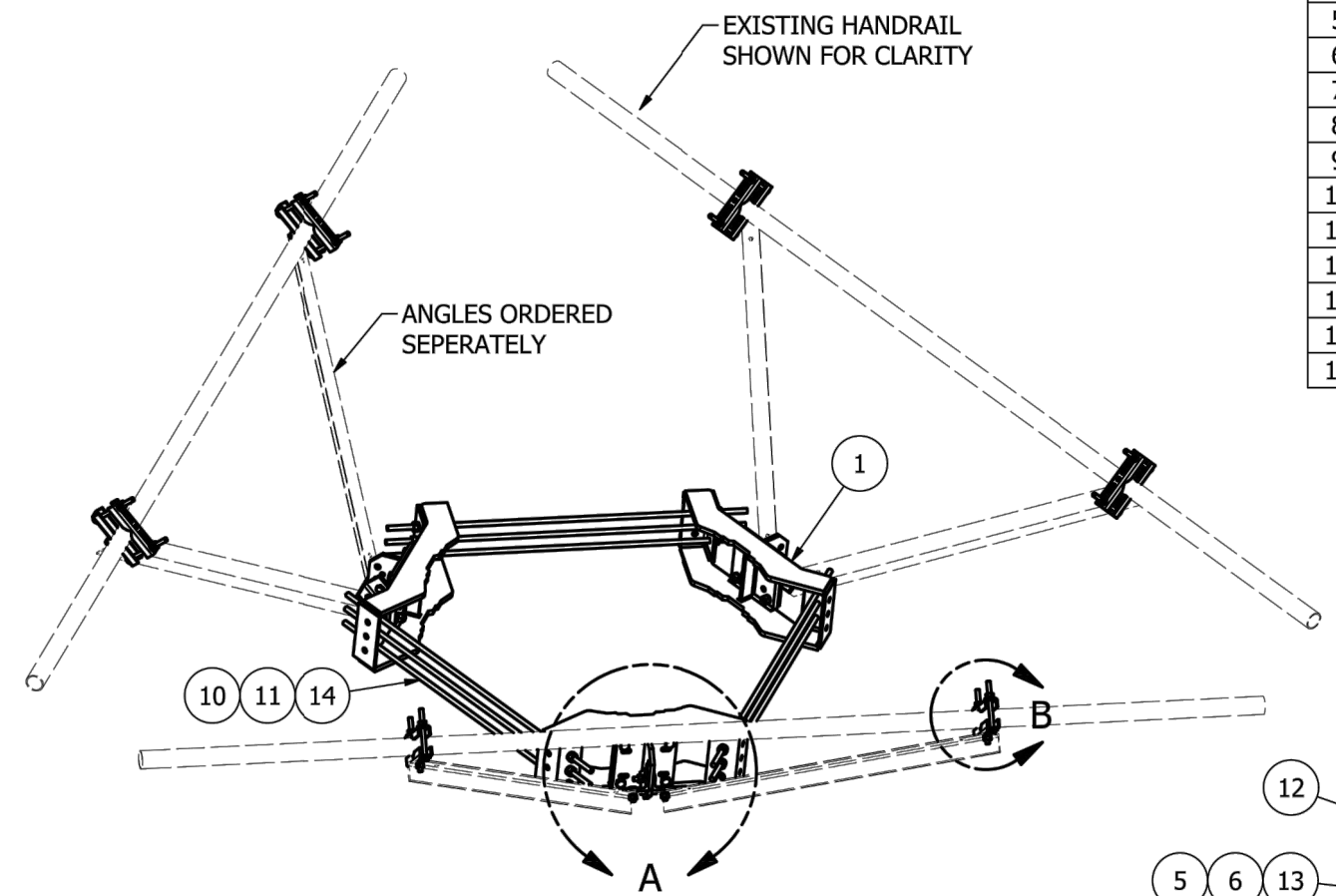
ISSUED FOR:	
PERMIT	9/28/2021
BID	-
CONSTRUCTION	-
RECORD	-

ENGINEER	DESIGNER
EAN	EAN
PROJECT MANAGER	APPROVED BY
DP	CJS

JOB NO.  
2021740.467684.02

S-06

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	12	X-STU	STIFF ARM CHANNEL BRACKET	8 1/2 in	1.37	16.46
4	12	G12112	1/2" x 1-1/2" HDG HEX BOLT GR5	1/2 in	0.15	1.77
5	27	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	0.38
6	27	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	1.93
7	12	G12065	1/2" x 6-1/2" HDG HEX BOLT GR5 FULL THREAD	5 1/2 in	0.41	4.91
8	24	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	0.82
9	12	A582114	5/8" x 2-1/4" HDG A325 HEX BOLT	2 1/4 in	0.31	3.75
10	30	G58LW	5/8" HDG LOCKWASHER		0.03	0.78
11	30	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	3.90
12	6	SHCM-T	CHAIN MOUNT TIGHTENER BRACKET	3 in	1.86	11.15
13	3	G12212	1/2" x 2-1/2" HDG HEX BOLT GR5	2 1/2 in	0.20	0.61
14	9	G58R-48	5/8" x 48" THREADED ROD (HDG.)		4.18	37.63
14	9	G58R-24	5/8" x 24" THREADED ROD (HDG.)		2.09	18.82
					TOTAL WT. #	350.14



REFERENCE ONLY

**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 AND ANGLES 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			
HANDRAIL REINFORCEMENT KIT-NO ANGLE			
CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
	SKK 9/13/2019		PRK-SFS-NA
CLASS	SUB	DRAWING USAGE	CHECKED BY
81	02	CUSTOMER	

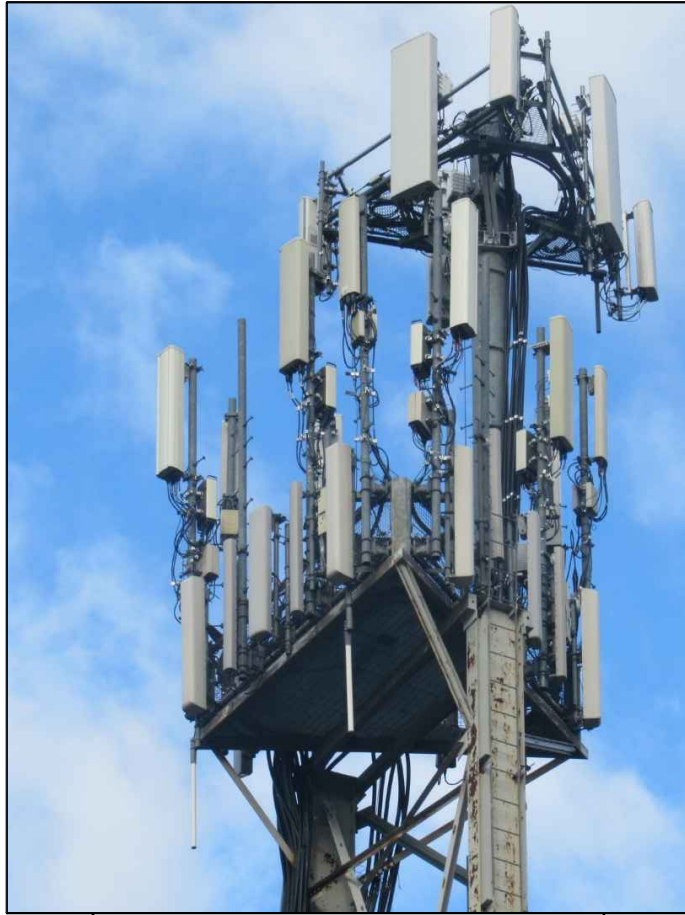
Locations:	
New York, NY	Atlanta, GA
Los Angeles, CA	Plymouth, IN
Salem, OR	Dallas, TX
Tampa, FL	

Engineering Support Team:  
1-888-753-7446

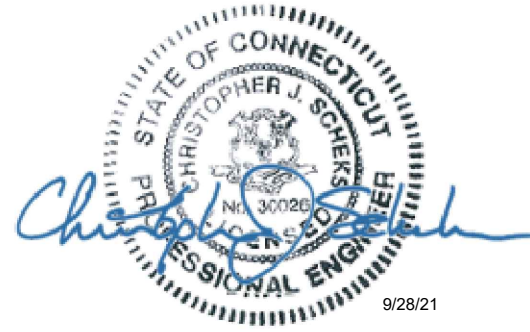
**SITE PRO 1**  
A valmont COMPANY

DWG. NO. PRK-SFS-NA

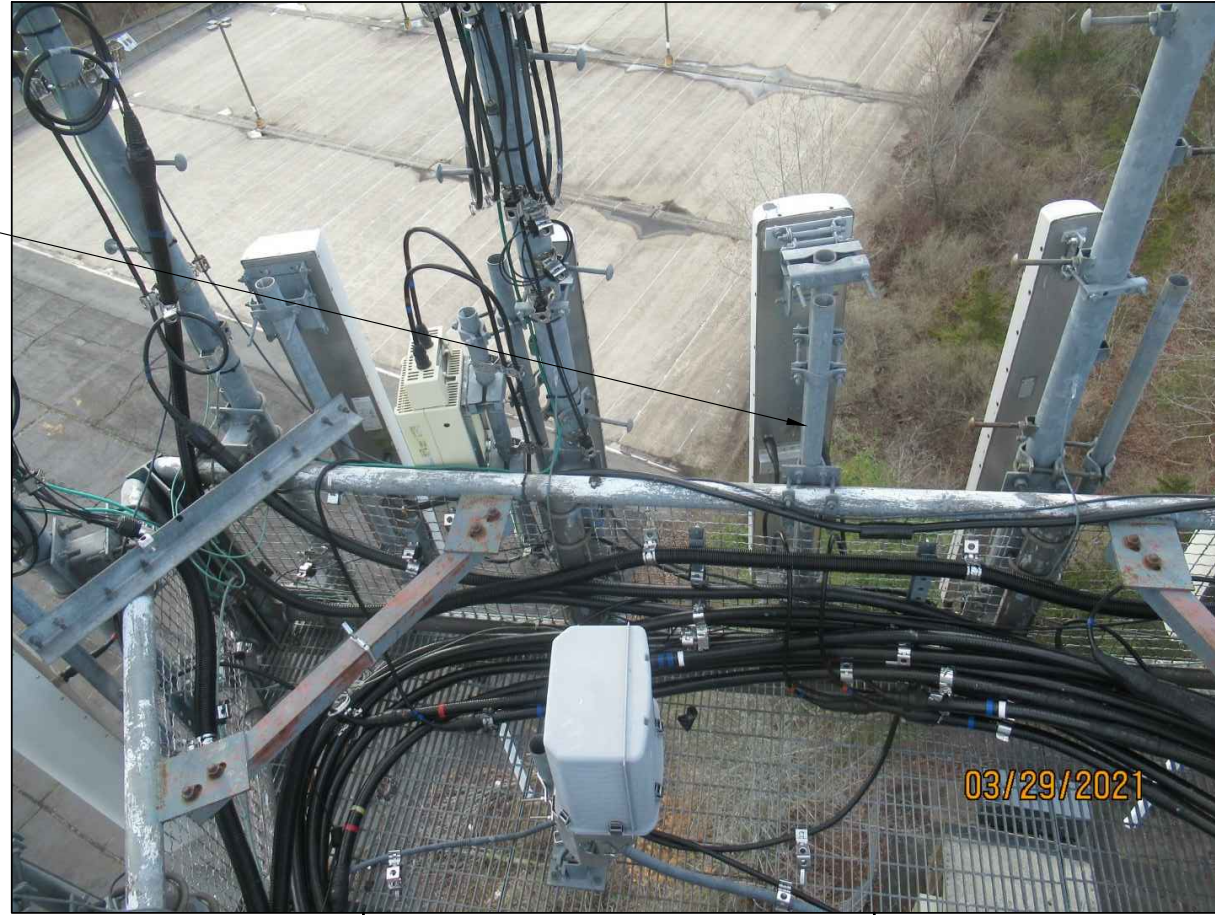
PAGE 1 OF 2



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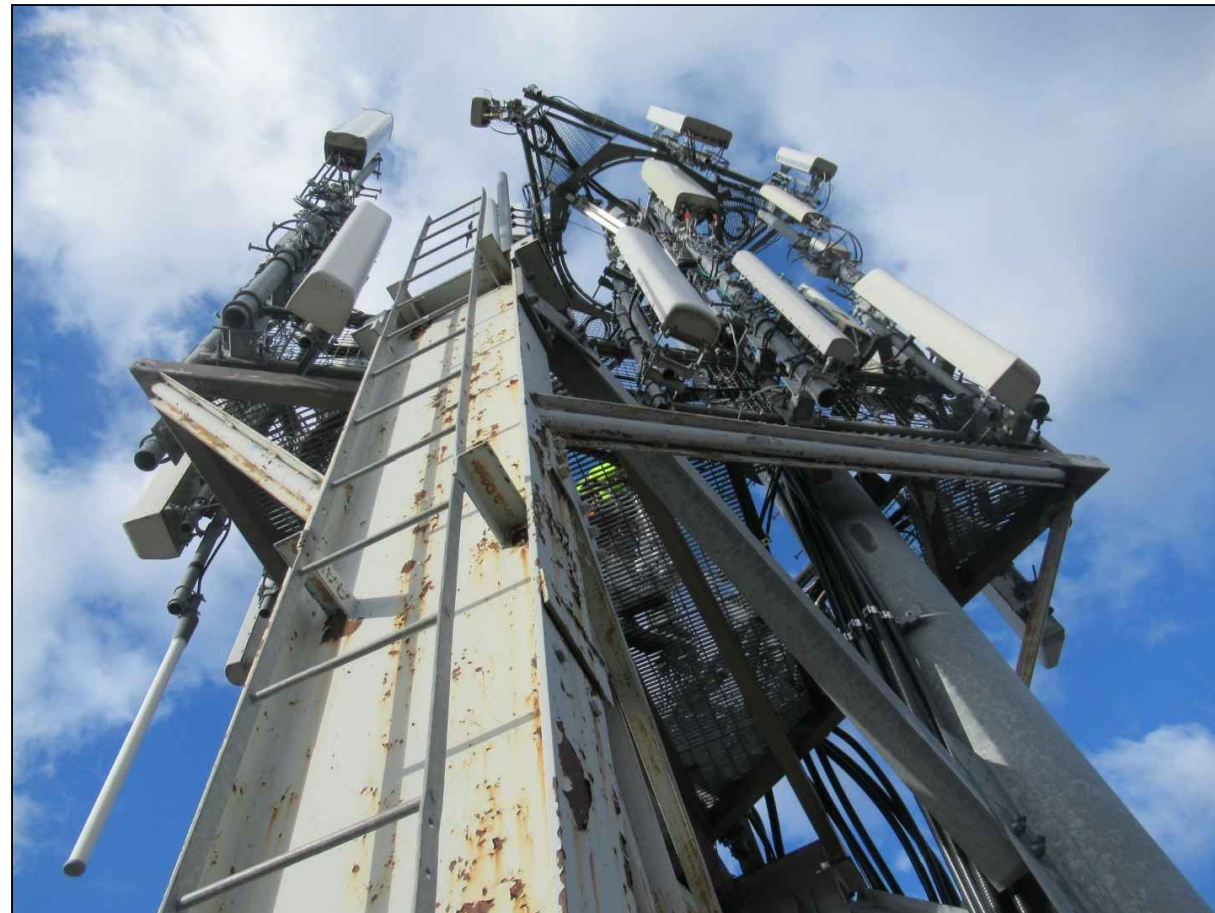
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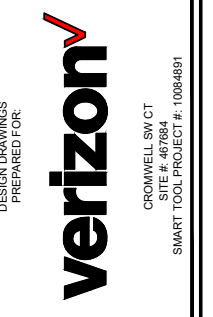
MOUNT PHOTO



MOUNT PHOTO



MOUNT PHOTO



REV.	DATE	DESCRIPTION
0	7/13/21	INITIAL RELEASE
1	9/28/21	NEW RFIDS

**CROMWELL SW CT**  
100 BERLIN ROAD  
CROMWELL, CT 06416  
**MOUNT PHOTOS**

ISSUED FOR:	
PERMIT	9/28/2021
BID	-
CONSTRUCTION	-
RECORD	-

ENGINEER	DESIGNER
EAN	EAN
PROJECT MANAGER	APPROVED BY
DP	CJS

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**P-01**