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

January 28, 2021

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

RE: Notice of Exempt Modification // Site: Cranbury SU CT (ATC: 411189)
2 Sunny Lane, Westport, CT, 06880
N 41.162917 // W 73.373083

Dear Ms. Bachman,

Cellco Partnership d/b/a Verizon Wireless currently maintains 15 antenna at the 128' level on the existing 133 ft Monopole Tower, located at 2 Sunny Lane, Westport, CT. The tower is owned by American Tower. The property is also owned by Tower Meadow LLC. Verizon Wireless now intends to install three (3) new antenna for the LTE (3700 MHz) replacements for its 5G upgrade. Additionally, Verizon Wireless will remove six (6) antenna and install three (3) RRH's and three (3) Diplexers with associated cabling; 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 Jennifer Tooker, First Selectwoman, its Zoning Enforcement Officer, Michelle Perillie, American Tower, the tower owner, and Cellco Partnership 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 December 28, 2021, by Morrison Hershfield, a structural analysis dated July 9, 2021, by American Tower Corporation, and a structural mount analysis by GPD Engineering And Architecture Professional Corp. date October 21, 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 Corporation, dated July 9, 2021, and a structural mount analysis by GPD Engineering And Architecture Professional Corp., dated October 21, 2021, pursuant to certain conditions defined therein. Design and engineering is fully illustrated within final construction drawings, signed and stamped dated December 28, 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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c/o Cellco Partnership d/b/a Verizon Wireless
Centerline Communications, LLC
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West Bridgewater, MA 02379
Mobile: (240) 615 -7389
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Attachments
cc: Jennifer Tooker, First Selectwoman – Chief Elected Official
Joel Skilton – Zoning Enforcement Officer - as P&Z official
Cellco Partnership - Property Owner

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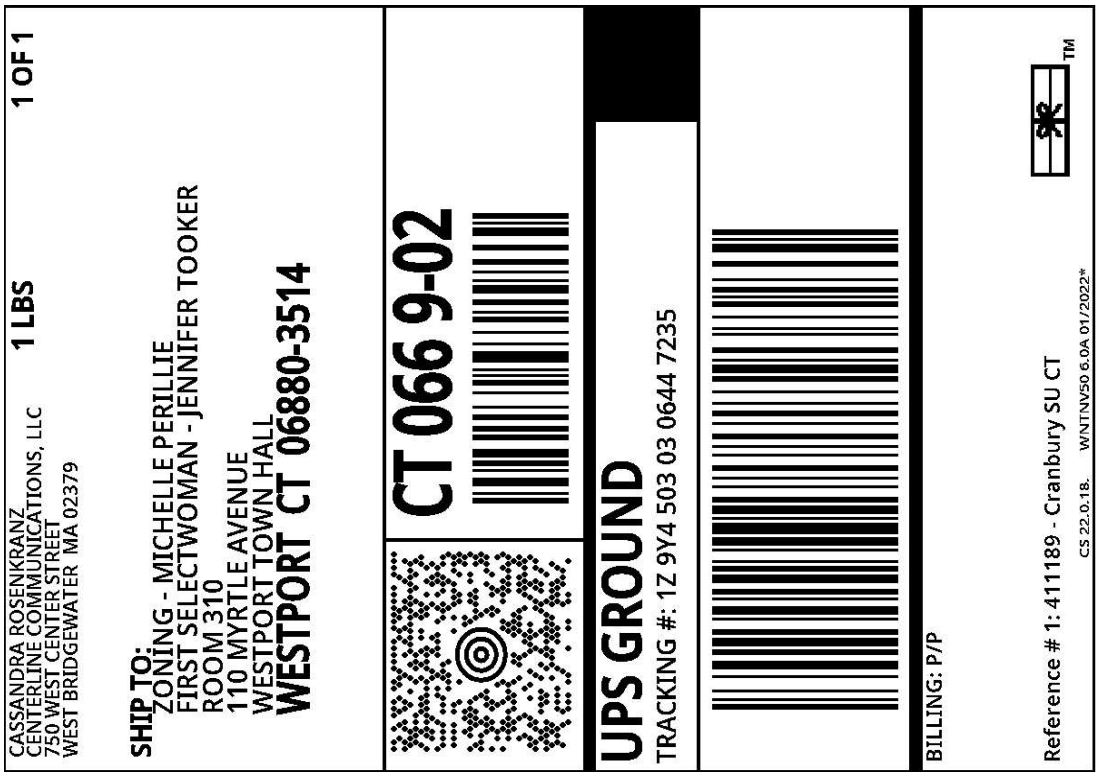

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Subject: UPS Delivery Notification, Tracking Number 1Z9Y45030306447235
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Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
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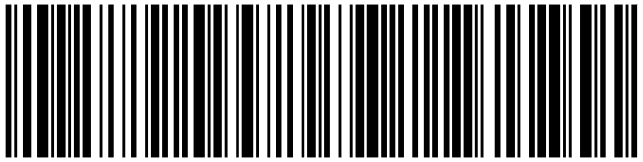

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February 11, 2022, 5:06 pm
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February 11, 2022, 5:02 pm
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FAQs

Feedback

DOCKET NO. 188 - An application by Cellco Partnership d/b/a Bell Atlantic Mobile for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a proposed telecommunications tower and associated equipment located at 2 Sunny Lane or on a parcel located immediately south of the intersection of Clinton Avenue and the Merritt Parkway in Westport, Connecticut.

Connecticut Siting Council

December 17, 1998

Decision and Order

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, operation, and maintenance of a telecommunications tower and equipment buildings at the proposed prime site in Westport, Connecticut, including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate either alone or cumulatively with other effects when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by General Statutes § 16-50k, be issued to Bell Atlantic Mobile (BAM) for the construction, operation, and maintenance of a telecommunications tower, and associated equipment at the proposed prime site, located at 2 Sunny Lane, Westport, Connecticut. We find the effects on scenic resources and adjacent residences of the proposed alternate site to be significant, and therefore deny certification of that site.

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

1. The tower shall be constructed as a monopole, no taller than necessary to provide the proposed telecommunications services, sufficient to accommodate the antennas of BAM, Springwich Cellular Limited Partnership (SCLP), Sprint PCS (Sprint), Omnipoint Communications, and Nextel Communications of the Mid-Atlantic, Inc. (Nextel); and such tower, excluding appurtenances, shall not exceed a height of 130 feet above ground level (AGL).

2. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be submitted to and approved by the Council prior to the commencement of facility construction and shall include a final site plan(s) for site development detailing: relocation of the tower to the northwestern corner of the parcel to protect a nearby watercourse and wetlands, and to be closer to the commuter parking area; tower compound reduced in area to the minimum necessary for tower security; construction of the cable tray below grade; placement of a stockade or other architecturally treated fence around the compound; the location and specifications for the tower foundation, antennas, emergency generator and fuel tank, security fence, accessway, and vegetative screening; placement of underground utilities; construction plans for tree trimming, water drainage, and erosion and sedimentation controls consistent with the Connecticut Guidelines for Soil Erosion and Sediment Control, as amended; provisions for the tower finish that may include painting; and provisions for the prevention and containment of spills and/or other discharge into surface water and ground water bodies.

3. Upon the establishment of any new State or federal radiofrequency standards applicable to frequencies of this facility, the facility granted herein shall be brought into compliance with such standards.

4. The Certificate Holder shall provide the Council a recalculated report of electromagnetic radiofrequency power density for all transmitting antennas on the proposed tower as ordered in this Decision and Order, and again for any proposed change in the operation of the tower.

5. The Certificate Holder shall permit public or private entities to share space on the proposed tower for fair consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.

6. The Certificate Holder shall comply with the Town of Westport's recommendations for site development, including: proper abandonment of the existing septic system; removal of a portion of the existing driveway to accommodate for increased lot coverage; planting a dense vegetative buffer north of the Poplar Plains Brook; and relocation of the above-ground fuel tank to a distance at least 60 feet away from the waterway protection lines.

7. If the facility does not initially provide, or permanently ceases to provide cellular services following completion of construction, this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or re-application for any continued or new use shall be made to the Council before any such use is made.

8. Any antenna that becomes obsolete and ceases to function shall be removed within 60 days after such antennas become obsolete and cease to function.

9. Unless otherwise approved by the Council, this Decision and Order shall be void if all construction authorized herein is not completed within three years of the effective date of this Decision and Order or within three years after all appeals to this Decision and Order have been resolved.

10. The Certificate Holder shall provide to the Council the Federal Aviation Administration's determination for obstruction or hazard to air navigation.

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

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

The parties and intervenors to this proceeding are:

APPLICANT	**ITS REPRESENTATIVE**
Bell Atlantic Mobile	Kenneth C. Baldwin, Esq. Brian C. S. Freeman, Esq. Robinson & Cole One Commercial Plaza Hartford, CT 06103-3597 Mr. David S. Malko, P.E. Jennifer Young Gaudet Bell Atlantic Mobile 20 Alexander Drive Wallingford, CT 06492
PARTIES	**ITS REPRESENTATIVE**
Town of Westport Residents of Clinton Avenue Westport	Ira W. BloomTown Attorney Town Hall, 110 Myrtle Avenue Westport, CT 06880 203) 341-1040 Robert Sullivan, Esq. Law Offices of Robert Sullivan 190 Main StreetWestport, CT 06880 (203) 227-1404

INTERVENORS	ITS REPRESENTATIVE
Sprint Spectrum, L.P. d/b/a Sprint PCS Nextel Communications of the Mid-Atlantic Springwich Cellular Limited Partnership	Julie M. Cashin, Esq. Hurwitz & Sagarin, PC 147 North Broad Street Milford, CT 06460 (203) 877-8000 Christopher B. Fisher, Esq. d/b/a Nextel Communications Cuddy, Feder & Worby, Esq. 90 Maple Avenue White Plains, NY 10601 Peter J. Tyrrell, Esq. General Counsel 500 Enterprise Drive Rocky Hill, CT 06067-3900
INTERVENORS	**ITS REPRESENTATIVE**
Residents of Sunny Lane, Westport Omnipoint Communications, Inc.	Lawrence P. Weisman Weisman & Lubell 5 Sylvan Road South P.O. Box 3184 Westport, CT 06880 (203) 226-8307 Brian Weinstein Omnipoint Communications, Inc. 25 Van Zant Street, Suite 18E East Norwalk, CT 06855 (203) 855-5450

AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure	:	**130 ft Monopole**
ATC Site Name	:	**CRANBURYSU CT, CT**
ATC Asset Number	:	**411189**
Engineering Number	:	**13698708_C3_02**
Proposed Carrier	:	**VERIZON WIRELESS**
Carrier Site Name	:	**CRANBURY CT**
Carrier Site Number	:	**467333**
Site Location	:	**2 SUNNY LANE** **WESTPORT, CT 06880-1906** **41.162900,-73.373100**
County	:	**Fairfield**
Date	:	**July 9, 2021**
Max Usage	:	**35%**
Result	:	**Pass**

Prepared By:
Brian Davies, E.I.
Structural Engineer II

Reviewed By:

COA: PEC.0001553

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Table of Contents

Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 130 ft monopole to reflect the change in loading by VERIZON WIRELESS.

Supporting Documents

Tower Drawings	EEI Job #10847, dated June 7, 2002
Foundation Drawing	EEI Project #10847, dated June 10, 2002
Geotechnical Report	Clarence Welti Association Project Name 2 Sunny Lane, dated January 29, 1999

Analysis

The tower was analyzed using American Tower Corporation's tower analysis software. This program considers an elastic three-dimensional model and second-order effects per ANSI/TIA-222.

Basic Wind Speed:	117 mph (3-Second Gust)
Basic Wind Speed w/ Ice:	50 mph (3-Second Gust) w/ 1" radial ice concurrent
Code:	ANSI/TIA-222-H / 2015 IBC / 2018 Connecticut State Building Code
Exposure Category:	B
Risk Category:	II
Topographic Factor Procedure:	Method 1
Topographic Category:	1
Crest Height (H):	0 ft
Spectral Response:	Ss = 0.23, S_1 = 0.06
Site Class:	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. Please include the American Tower site name, site number, and engineering number in the subject line for any questions.

Existing and Reserved Equipment

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
128.0	1	VZW Unused Reserve (4865.41 sqin)	Low Profile Platform	(6) 1 5/8" Coax	VERIZON WIRELESS
	6	Quintel QS6656-5			
	3	Samsung B5/B13 RRH-BR04C			
	3	Samsung B2/B66A RRH-BR049			
120.0	1	Generic 24" x 24" Junction Box	Low Profile Platform	(3) 0.78" (19.7mm) 8 AWG 6 (3) 1 1/4" Hybriflex Cable (6) 1 5/8" Coax (1) 1.7" (43.2mm) Hybrid (1) 1/2" Coax (2) 2" conduit	SPRINT NEXTEL
	1	Andrew Microwaves VHLP800-11 (49 lbs)			
	3	Nokia 2.5G MAA - AAHC(64T64R)			
	3	Alcatel-Lucent 1900MHz RRH			
	3	Commscope NNVV-65B-R4			
	3	Alcatel-Lucent RRH2x50-08			
	3	Alcatel-Lucent 800MHz RRH			
110.0	3	Ericsson AIR-32 B2A/B66Aa	Low Profile Platform	(3) 1 1/4" (1.25"-31.8mm) Fiber (9) 1 5/8" Coax (6) 7/8" Coax	T-MOBILE
	3	Ericsson AIR 21, 1.3 M, B2A B4P			
	3	EMS RR90-17-02DP			
	3	Ericsson Radio 4449 B12,B71			
	3	Ericsson KRY 112 71			
	3	RFS APXVAARR24_43-U-NA20			
100.0	6	Kathrein Scala 860-10025	Low Profile Platform	(1) 0.39" (10mm) Fiber Trunk (1) 0.39" (9.8mm) Cable (4) 0.78" (19.7mm) 8 AWG 6 (6) 1 5/8" Coax (2) 3" conduit	AT&T MOBILITY
	1	Kathrein Scala 860 10006			
	3	CCI OPA65R-BU6D			
	3	CCI DMP65R-BU6DA			
	3	CCI HPA-65R-BUU-H6			
	1	Generic GPS			
	1	Raycap DC6-48-60-18-8F			
	3	Ericsson RRUS 8843 B2, B66A			
	3	Ericsson Radio 4415 B30			
	3	Ericsson RRUS 4449 B5, B12			
	1	Raycap DC9-48-60-24-8C-EV			
	3	Powerwave Allgon 7770.00			
86.0	1	Generic Dish Reserve	Sector Frame	-	ATC RESERVED
80.0	1	Generic GPS	Low Profile Platform	(1) 1/2" Coax	T-MOBILE
75.0	2	Generic 2" x 8" GPS	Low Profile Platform	(2) 0.63" (16mm) LDF4-50A	VERIZON WIRELESS
68.0	1	Generic GPS	Stand-Off	(1) 1/2" Coax	AT&T MOBILITY

Equipment to be Removed

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
128.0	3	Samsung Outdoor LAA 1W RRH –Clip-on Antenna	-	(2) 1 5/8" (1.63"-41.3mm) Fiber	VERIZON WIRELESS
	3	Samsung Outdoor CBRS 20W RRH			
	2	Antel LPA-80080/6CF ___			
	4	Decibel DB846F65ZAXY			
	1	RFS DB-C1-12C-24AB-0Z			

Proposed Equipment

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
128.0	3	Samsung Outdoor CBRS 20W RRH –Clip-on Antenna	Triangular Platform with Handrails	(2) 1 5/8" Hybriflex	VERIZON WIRELESS
	3	Samsung RT4401-48A			
	3	Commscope TD-850B-LTE78-43			
	1	Raycap RCMDC-6627-PF-48			
	3	Samsung MT6407-77A			

[1] Contracted elevations are shown for appurtenances within contracted installation tolerances. Appurtenances outside of contract limits are shown at installed elevations.

Install proposed coax inside the pole shaft.

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.

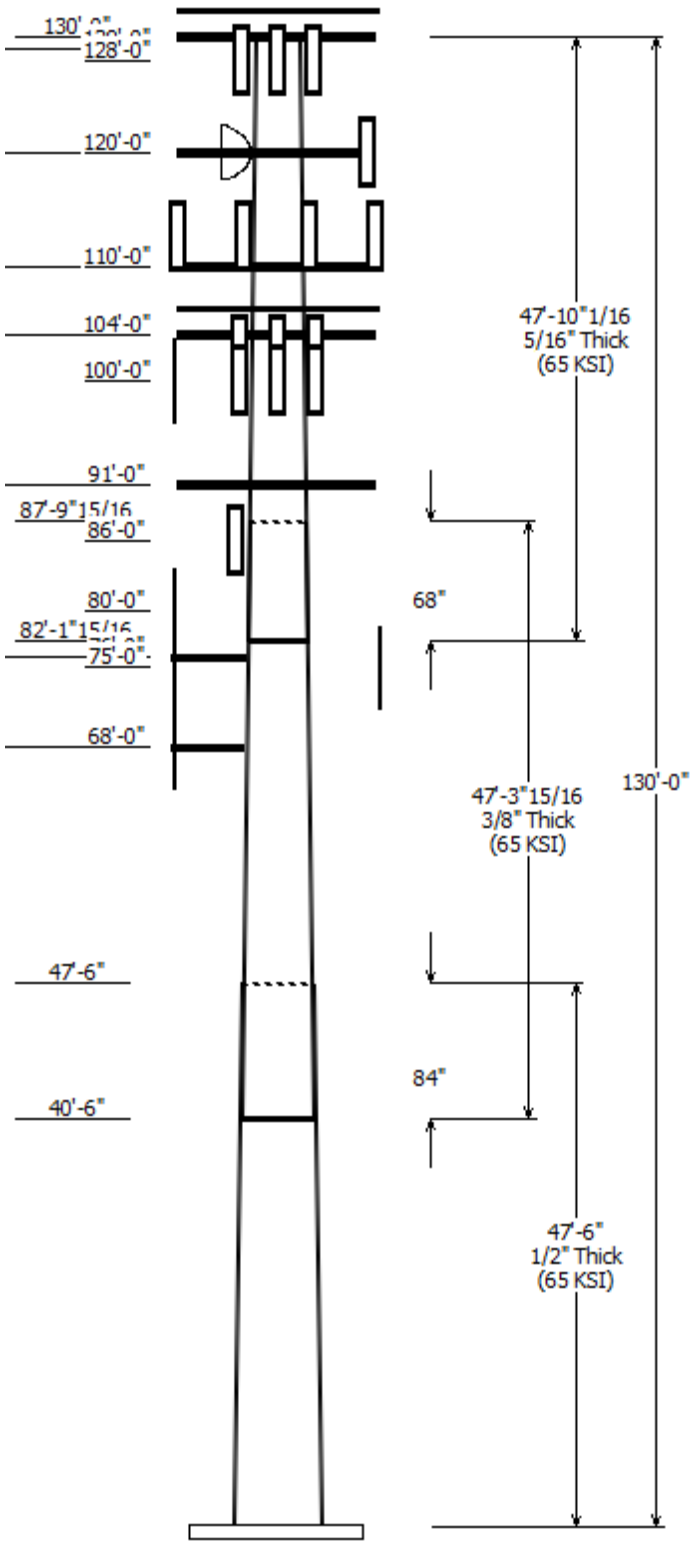
All assets of American Tower Corporation, its affiliates and subsidiaries (collectively "American Tower") are inspected at regular intervals. Based upon these inspections and in the absence of information to the contrary, American Tower assumes that all structures were constructed in accordance with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

Job Information

Client :	VERIZON WIRELESS		
Pole :	411189	Code:	ANSI/TIA-222-H
Location :	CRANBURYSU CT, CT		
Description :	130 ft EEI Monopole	Risk Category :	II
Shape :	18 Sides	Exposure :	B
Height :	130.00 (ft)	Topo Method :	Method 1
Base Elev (ft):	0.00	Topographic Category :	1
Taper:	0.270745 (in/ft)		

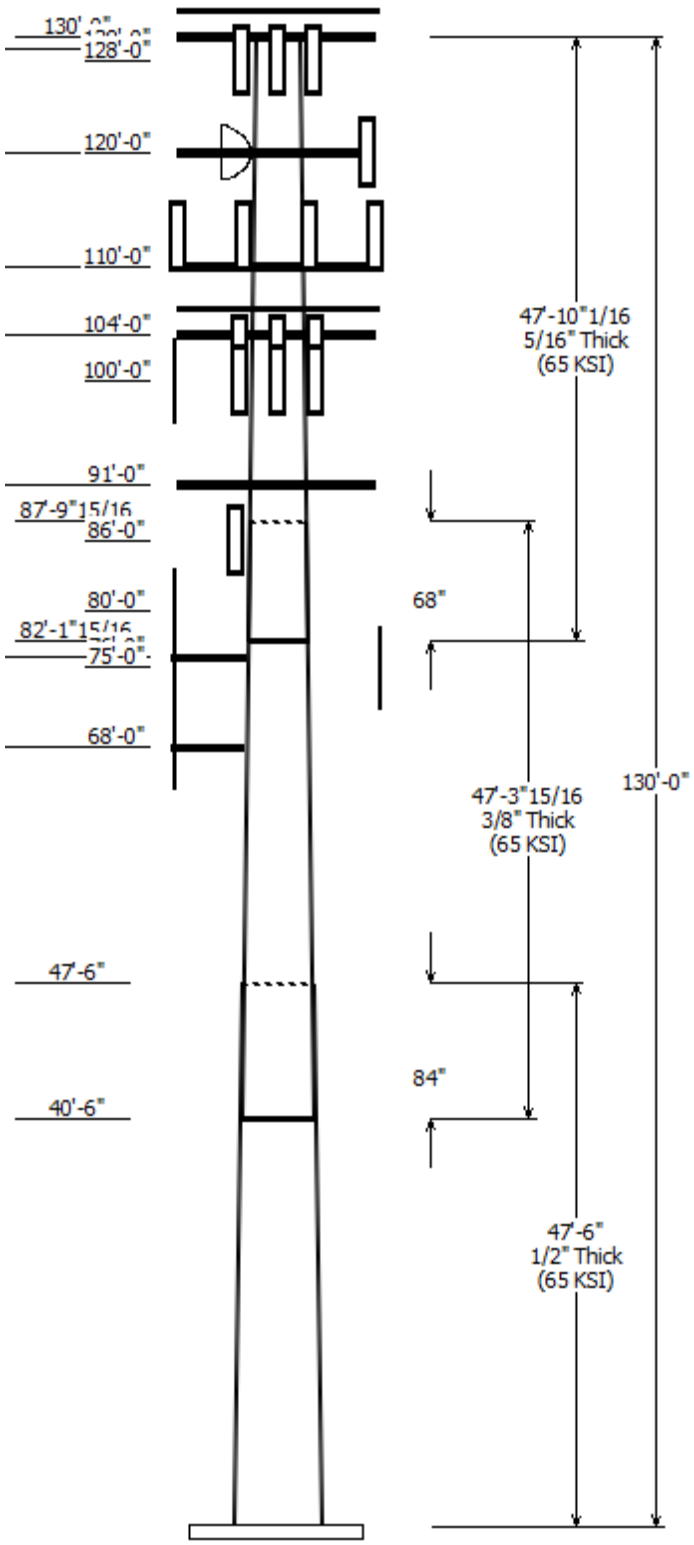


Sections Properties

Shaft Section	Length (ft)	Diameter (in) Accross Flats Top	Bottom	Thick (in)	Joint Type	Overlap Length (in)	Shape	Steel Grade (ksi)
1	47.500	49.14	62.00	0.500		0.000	18 Sides	65
2	47.330	38.97	51.78	0.375	Slip Joint	84.000	18 Sides	65
3	47.837	28.17	41.13	0.313	Slip Joint	68.000	18 Sides	65

Discrete Appurtenance

Attach Elev (ft)	Force Elev (ft)	Qty	Description
130.000	130.000	1	Generic Round Platform with
129.000	129.000	1	VZW Unused Reserve (4865.41
128.000	128.000	6	Quintel QS6656-5
128.000	128.000	3	Samsung MT6407-77A
128.000	128.000	1	Raycap RCMDC-6627-PF-48
128.000	128.000	3	Commscope TD-850B-LTE78-
128.000	128.000	3	Samsung B2/B66A RRH-BR049
128.000	128.000	3	Samsung B5/B13 RRH-BR04C
128.000	128.000	3	Samsung Outdoor CBRS 20W
128.000	128.000	3	Samsung RT4401-48A
120.000	120.000	1	Flat Low Profile Platform
120.000	120.000	3	Commscope NNVV-65B-R4
120.000	120.000	1	Andrew Microwaves VHLP800-
120.000	120.000	1	Generic 24" x 24" Junction Box
120.000	120.000	3	Nokia 2.5G MAA -
120.000	120.000	3	Alcatel-Lucent 1900MHz RRH
120.000	120.000	3	Alcatel-Lucent 800MHz RRH
120.000	120.000	3	Alcatel-Lucent RRH2x50-08
110.000	110.000	1	Flat Low Profile Platform
110.000	113.000	3	RFS APXVAARR24_43-U-NA20
110.000	113.000	3	Ericsson AIR-32 B2A/B66Aa
110.000	113.000	3	Ericsson AIR 21, 1.3 M, B2A B4
110.000	113.000	3	EMS RR90-17-02DP
110.000	110.000	3	Ericsson KRY 112 71
110.000	113.000	3	Ericsson Radio 4449 B12,B71
104.000	104.000	1	Generic Flat Platform with Han
100.000	100.000	3	CCI OPA65R-BU6D
100.000	100.000	3	CCI DMP65R-BU6DA
100.000	104.000	3	CCI HPA-65R-BUU-H6
100.000	104.000	3	Powerwave Allgon 7770.00
100.000	100.000	1	Raycap DC9-48-60-24-8C-EV
100.000	100.000	3	Ericsson RRUS 4449 B5, B12
100.000	100.000	3	Ericsson Radio 4415 B30
100.000	100.000	3	Ericsson RRUS 8843 B2, B66A
100.000	104.000	1	Raycap DC6-48-60-18-8F
100.000	100.000	1	Generic GPS
100.000	100.000	1	Kathrein Scala 860 10006
100.000	100.000	6	Kathrein Scala 860-10025
91.000	91.000	1	Empty Flat Low Profile Platfor
86.000	86.000	1	Generic Dish Reserve
80.000	80.000	1	Generic GPS
76.000	76.000	1	Stand-Off
75.000	75.000	2	Generic 2" x 8" GPS
68.000	68.000	1	Side Arm
68.000	68.000	1	Generic GPS



Linear Appurtenance

Elev (ft) From	To	Description	Exposed To Wind
0.000	68.000	1/2" Coax	No
0.000	75.000	0.63" (16mm)	No
0.000	80.000	1/2" Coax	No
0.000	100.0	0.39" (10mm)	No
0.000	100.0	0.39" (9.8mm)	No
0.000	100.0	0.78" (19.7mm) 8	No
0.000	100.0	1 5/8" Coax	No
0.000	100.0	3" conduit	No
0.000	110.0	1 1/4" (1.25"-	No
0.000	110.0	1 5/8" Coax	No
0.000	110.0	7/8" Coax	No
0.000	120.0	0.78" (19.7mm) 8	No
0.000	120.0	1 1/4" Hybriflex	No
0.000	120.0	1 5/8" Coax	No
0.000	120.0	1.7" (43.2mm)	No
0.000	120.0	1/2" Coax	No
0.000	120.0	2" conduit	No
0.000	128.0	1 5/8" Coax	Yes
0.000	128.0	1 5/8" Hybriflex	No

Load Cases

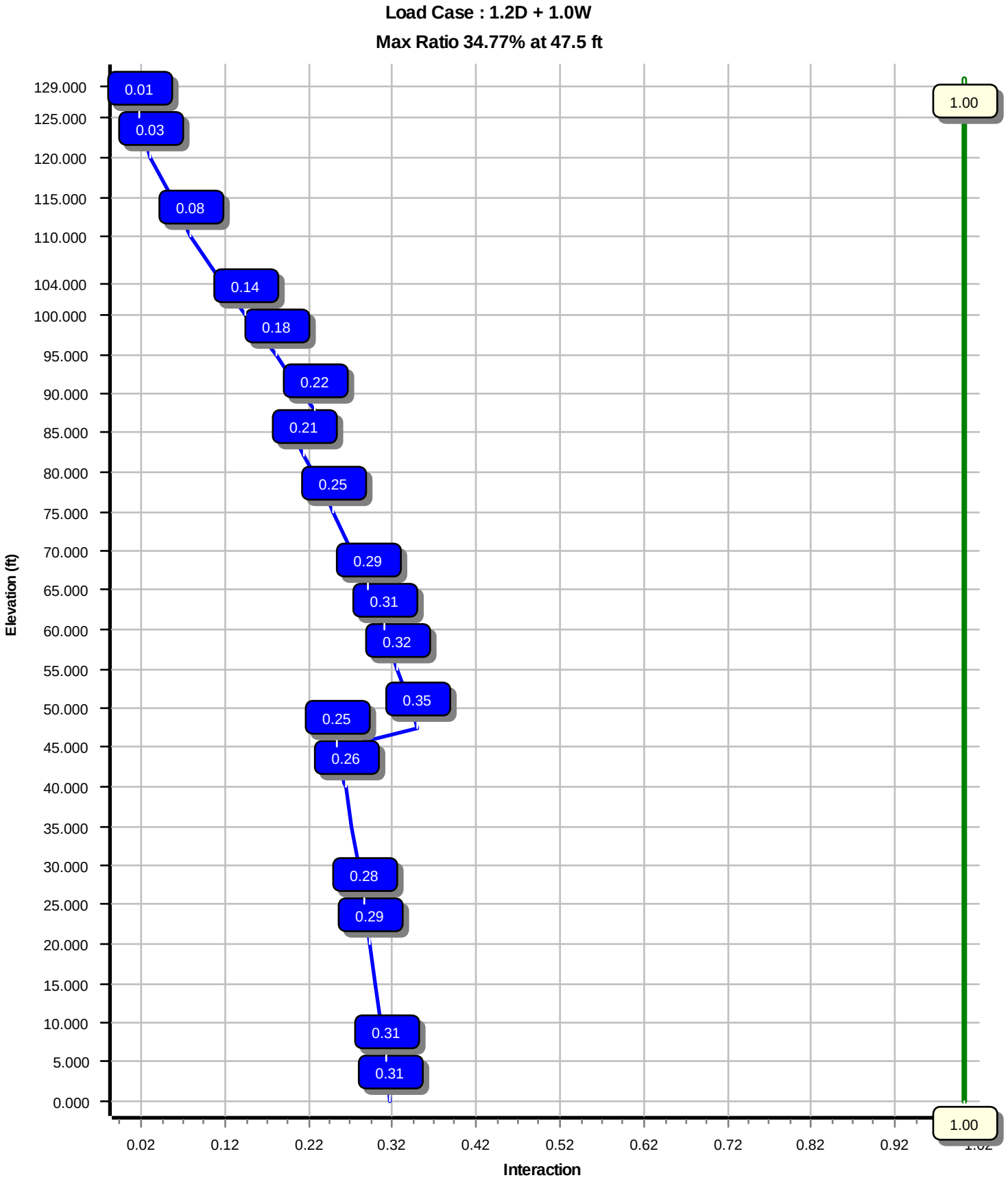
1.2D + 1.0W	117 mph with No Ice
0.9D + 1.0W	117 mph with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	50 mph with 1.00 in Radial Ice
1.2D + 1.0Ev + 1.0Eh	Seismic
0.9D - 1.0Ev + 1.0Eh	Seismic (Reduced DL)
1.0D + 1.0W	Serviceability 60 mph

Reactions

Load Case	Moment (kip-ft)	Shear (kip)	Axial (kip)
1.2D + 1.0W	2625.39	27.97	62.21
0.9D + 1.0W	2609.98	27.96	46.65
1.2D + 1.0Di + 1.0Wi	728.58	7.94	84.05
1.2D + 1.0Ev + 1.0Eh	198.00	1.97	62.37
0.9D - 1.0Ev + 1.0Eh	196.50	1.97	42.44
1.0D + 1.0W	615.39	6.58	51.86

Dish Deflections

Load Case	Attach Elev (ft)	Deflection (in)	Rotation (deg)
1.0D + 1.0W	120.00	5.864	0.428


Load Case : 1.2D + 1.0W
Max Ratio 34.77% at 47.5 ft
Elevation (ft)
129.000
125.000
120.000
115.000
110.000
104.000
100.000
95.000
90.000
85.000
80.000
75.000
70.000
65.000
60.000
55.000
50.000
45.000
40.000
35.000
30.000
25.000
20.000
15.000
10.000
5.000
0.000
0.01
0.03
0.08
0.14
0.18
0.22
0.21
0.25
0.29
0.31
0.32
0.35
0.25
0.26
0.28
0.29
0.31
0.31
1.00
1.00
0.02
0.12
0.22
0.32
0.42
0.52
0.62
0.72
0.82
0.92
Interaction

Site Number: 411189 | Code: ANSI/TIA-222-H |

Site Name: CRANBURYSU CT, CT | Engineering Number:13698708_C3_02 | 7/9/2021 12:23:56 PM

Customer: VERIZON WIRELESS

Analysis Parameters

Location :	Fairfield County, CT	Height (ft) :	130
Code :	ANSI/TIA-222-H	Base Diameter (in) :	62.00
Shape :	18 Sides	Top Diameter (in) :	28.18
Pole Type :	Taper	Taper (in/ft) :	0.271
Pole Manfacturer :	EEI	Rotation (deg) :	0.00
Kd (non-service) :	0.95	Ke :	1.00

Ice & Wind Parameters

Exposure Category:	B	Design Wind Speed Without Ice:	117 mph
Risk Category:	II	Design Wind Speed With Ice:	50 mph
Topographic Factor Procedure:	Method 1	Operational Wind Speed:	60 mph
Topographic Category:	1	Design Ice Thickness:	1.00 in
Crest Height:	0 ft	HMSL:	51.00 ft

Seismic Parameters

Analysis Method:	Equivalent Lateral Force Method				
Site Class:	D - Stiff Soil				
Period Based on Rayleigh Method (sec):	1.58				
T_L (sec):	6	p:	1	C_s:	0.038
S_s:	0.233	S_1:	0.056	C_s Max:	0.038
F_a:	1.600	F_v:	2.400	C_s Min:	0.030
S_{ds}:	0.249	S_{d1}:	0.090		

Load Cases

1.2D + 1.0W	117 mph with No Ice
0.9D + 1.0W	117 mph with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	50 mph with 1.00 in Radial Ice
1.2D + 1.0Ev + 1.0Eh	Seismic
0.9D - 1.0Ev + 1.0Eh	Seismic (Reduced DL)
1.0D + 1.0W	Serviceability 60 mph

Shaft Section Properties

Sect Info	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Slip Joint Len (in)	Weight (lb)	Bottom Dia (in)	Bottom Elev (ft)	Bottom Area (in²)	Bottom Ix (in⁴)	Bottom W/t Ratio	Bottom D/t Ratio	Top Dia (in)	Top Elev (ft)	Top Area (in²)	Top Ix (in⁴)	Top W/t Ratio	Top D/t Ratio	Taper (in/ft)
1-18	47.500	0.5000	65		0.00	14,125	62.00	0.00	97.60	46638.0	20.45	124.00	49.14	47.50	77.19	23072.0	15.92	98.28	0.270745
2-18	47.330	0.3750	65	Slip	84.00	8,626	51.78	40.50	61.19	20432.2	22.94	138.09	38.97	87.83	45.94	8645.4	16.91	103.92	0.270745
3-18	47.837	0.3125	65	Slip	68.00	5,544	41.13	82.16	40.48	8521.7	21.80	131.62	28.17	130.00	27.64	2711.5	14.49	90.17	0.270745
				Shaft Weight		28,296													

Discrete Appurtenance Properties

Attach Elev (ft)	Description	Qty	Ka	Vert Ecc (ft)	No Ice Weight (lb)	No Ice EPAa (sf)	No Ice Orientation Factor	Ice Weight (lb)	Ice EPAa (sf)	Ice Orientation Factor
130.00	Generic Round Platform with	1	1.00	0.000	2,500.00	27.200	1.00	3,566.25	43.291	1.00
129.00	VZW Unused Reserve (4865.41	1	0.75	0.000	0.00	33.788	0.90	0.00	49.271	0.90
128.00	Samsung Outdoor CBRS 20W	3	0.75	0.000	4.40	0.892	0.50	16.22	1.312	0.50
128.00	Samsung RT4401-48A	3	0.75	0.000	18.60	0.996	0.50	36.33	1.445	0.50
128.00	Samsung B5/B13 RRH-BR04C	3	0.75	0.000	70.30	1.875	0.50	107.87	2.468	0.50
128.00	Samsung B2/B66A RRH-BR049	3	0.75	0.000	84.40	1.875	0.50	126.30	2.468	0.50
128.00	Commscope TD-850B-LTE78-43	3	0.75	0.000	53.00	1.964	0.50	87.92	2.569	0.50
128.00	Raycap RCMDC-6627-PF-48	1	0.75	0.000	32.00	4.056	1.00	115.47	4.952	1.00
128.00	Samsung MT6407-77A	3	0.75	0.000	81.60	4.709	0.61	148.54	5.707	0.61
128.00	Quintel QS6656-5	6	0.75	0.000	65.00	8.133	0.74	195.85	9.964	0.74
120.00	Alcatel-Lucent RRH2x50-08	3	0.80	0.000	52.90	1.701	0.50	91.53	2.263	0.50
120.00	Alcatel-Lucent 800MHz RRH	3	0.80	0.000	53.00	2.134	0.67	101.12	2.772	0.67
120.00	Alcatel-Lucent 1900MHz RRH	3	0.80	0.000	44.00	3.258	0.72	115.02	4.033	0.72
120.00	Nokia 2.5G MAA - AAHC(64T64R)	3	0.80	0.000	103.60	4.203	0.64	177.09	5.077	0.64
120.00	Generic 24" x 24" Junction Box	1	0.80	0.000	20.00	4.800	1.00	94.85	5.726	1.00
120.00	Andrew Microwaves VHLP800-	1	1.00	0.000	49.00	7.760	1.00	152.79	8.824	1.00
120.00	Commscope NNVV-65B-R4	3	0.80	0.000	77.40	12.271	0.64	241.21	14.099	0.64
120.00	Flat Low Profile Platform	1	1.00	0.000	1,500.00	26.100	1.00	1,922.37	38.546	1.00
110.00	Ericsson KRY 112 71	3	0.80	0.000	13.20	0.583	0.50	25.03	0.941	0.50
110.00	Ericsson Radio 4449 B12,B71	3	0.80	3.000	74.00	1.639	0.50	110.18	2.184	0.50
110.00	EMS RR90-17-02DP	3	0.80	3.000	13.50	4.356	0.64	70.58	4.971	0.64
110.00	Ericsson AIR 21, 1.3 M, B2A B4P	3	0.80	3.000	83.00	6.049	0.71	177.30	7.446	0.71
110.00	Ericsson AIR-32 B2A/B66Aa	3	0.80	3.000	132.20	6.510	0.71	235.33	7.925	0.71
110.00	RFS APXVAARR24_43-U-NA20	3	0.80	3.000	127.90	20.243	0.63	381.57	22.640	0.63
110.00	Flat Low Profile Platform	1	1.00	0.000	1,500.00	26.100	1.00	1,918.63	38.436	1.00
104.00	Generic Flat Platform with	1	1.00	0.000	2,500.00	42.400	1.00	3,641.85	55.880	1.00
100.00	Kathrein Scala 860-10025	6	0.75	0.000	1.10	0.140	0.50	4.53	0.334	0.50
100.00	Kathrein Scala 860 10006	1	0.75	0.000	3.00	0.269	1.00	22.38	0.668	1.00
100.00	Generic GPS	1	0.75	0.000	10.00	0.900	1.00	28.72	1.309	1.00
100.00	Raycap DC6-48-60-18-8F	1	0.75	4.000	20.00	1.260	1.00	53.69	1.681	1.00
100.00	Ericsson RRUS 8843 B2, B66A	3	0.75	0.000	72.00	1.639	0.50	111.22	2.180	0.50
100.00	Ericsson Radio 4415 B30	3	0.75	0.000	43.00	1.650	0.50	69.97	2.194	0.50
100.00	Ericsson RRUS 4449 B5, B12	3	0.75	0.000	71.00	1.969	0.50	112.24	2.566	0.50
100.00	Raycap DC9-48-60-24-8C-EV	1	0.75	0.000	16.00	4.788	1.00	98.61	5.729	1.00
100.00	Powerwave Allgon 7770.00	3	0.75	4.000	35.00	5.508	0.65	114.32	6.165	0.65
100.00	CCI HPA-65R-BUU-H6	3	0.75	4.000	51.00	9.658	0.69	191.38	11.432	0.69
100.00	CCI DMP65R-BU6DA	3	0.75	0.000	79.40	12.709	0.63	244.23	14.494	0.63
100.00	CCI OPA65R-BU6D	3	0.75	0.000	63.20	12.871	0.63	230.43	14.661	0.63
91.00	Empty Flat Low Profile Platform	1	1.00	0.000	1,500.00	26.100	1.00	1,911.49	38.226	1.00
86.00	Generic Dish Reserve	1	0.80	0.000	1,835.00	70.000	1.00	7,243.99	177.788	1.00
80.00	Generic GPS	1	1.00	0.000	10.00	0.900	1.00	28.31	1.300	1.00
76.00	Stand-Off	1	1.00	0.000	100.00	3.000	1.00	130.42	3.978	1.00
75.00	Generic 2" x 8" GPS	2	1.00	0.000	10.00	0.141	1.00	13.44	0.351	1.00
68.00	Generic GPS	1	1.00	0.000	10.00	0.900	1.00	28.02	1.294	1.00
68.00	Side Arm	1	1.00	0.000	126.00	5.000	1.00	180.06	7.145	1.00
Totals	Num Loadings:45	104			16,652.40			32,335.87		

Linear Appurtenance Properties

Load Case Azimuth (deg) :

Elev From (ft)	Elev To (ft)	Qty	Description	Coax Dia (in)	Coax Wt (lb/ft)	Flat	Max Coax / Row	Dist Between Rows (in)	Dist Between Cols (in)	Azimuth (deg)	Dist From Face (in)	Exposed To Wind	Carrier
0.00	128.00	6	1 5/8" Coax	1.98	0.82	N	6	1.00	1.00	90	1.00	Y	VERIZON WIRELESS
0.00	128.00	2	1 5/8" Hybriflex	1.98	1.30	N	0	0.00	0.00	0	0.00	N	VERIZON WIRELESS
0.00	120.00	3	0.78" (19.7mm) 8 AWG	0.78	0.59	N	0	0.00	0.00	0	0.00	N	SPRINT NEXTEL
0.00	120.00	3	1 1/4" Hybriflex Cable	1.54	1.00	N	0	0.00	0.00	0	0.00	N	SPRINT NEXTEL
0.00	120.00	6	1 5/8" Coax	1.98	0.82	N	0	0.00	0.00	0	0.00	N	SPRINT NEXTEL
0.00	120.00	1	1.7" (43.2mm) Hybrid	1.70	1.78	N	0	0.00	0.00	0	0.00	N	SPRINT NEXTEL
0.00	120.00	1	1/2" Coax	0.63	0.15	N	0	0.00	0.00	0	0.00	N	SPRINT NEXTEL
0.00	120.00	2	2" conduit	2.38	3.65	N	0	0.00	0.00	0	0.00	N	SPRINT NEXTEL
0.00	110.00	3	1 1/4" (1.25"- 31.8mm)	1.25	1.05	N	0	0.00	0.00	0	0.00	N	T-MOBILE
0.00	110.00	9	1 5/8" Coax	1.98	0.82	N	0	0.00	0.00	0	0.00	N	T-MOBILE
0.00	110.00	6	7/8" Coax	1.09	0.33	N	0	0.00	0.00	0	0.00	N	T-MOBILE
0.00	100.00	1	0.39" (10mm) Fiber	0.39	0.06	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
0.00	100.00	1	0.39" (9.8mm) Cable	0.39	0.07	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
0.00	100.00	4	0.78" (19.7mm) 8 AWG	0.78	0.59	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
0.00	100.00	6	1 5/8" Coax	1.98	0.82	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
0.00	100.00	2	3" conduit	3.50	7.58	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
0.00	80.00	1	1/2" Coax	0.63	0.15	N	0	0.00	0.00	0	0.00	N	T-MOBILE
0.00	75.00	2	0.63" (16mm) LDF4-	0.63	0.15	N	0	0.00	0.00	0	0.00	N	VERIZON WIRELESS
0.00	68.00	1	1/2" Coax	0.63	0.15	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY

Segment Properties (Max Len : 5. ft)

Seg Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in^3)	Z (in^3)	Weight (lb)
0.00		0.5000	62.000	97.597	46,638.0	20.45	124.00	77.3	1481.	0.0	0.0
5.00		0.5000	60.646	95.449	43,625.5	19.98	121.29	77.9	1416.	0.0	1,642.2
10.00		0.5000	59.293	93.300	40,745.7	19.50	118.59	78.5	1353.	0.0	1,605.7
15.00		0.5000	57.939	91.152	37,995.4	19.02	115.88	79.0	1291.	0.0	1,569.1
20.00		0.5000	56.585	89.004	35,371.8	18.54	113.17	79.6	1231.	0.0	1,532.6
25.00		0.5000	55.231	86.856	32,871.8	18.07	110.46	80.2	1172.	0.0	1,496.0
30.00		0.5000	53.878	84.707	30,492.5	17.59	107.76	80.7	1114.	0.0	1,459.5
35.00		0.5000	52.524	82.559	28,230.9	17.11	105.05	81.3	1058.	0.0	1,422.9
40.00		0.5000	51.170	80.411	26,083.9	16.63	102.34	81.8	1004.	0.0	1,386.4
40.50	Bot - Section 2	0.5000	51.035	80.196	25,875.4	16.59	102.07	81.9	998.6	0.0	136.6
45.00		0.5000	49.816	78.262	24,048.7	16.16	99.63	82.4	950.8	0.0	2,139.0
47.50	Top - Section 1	0.3750	49.890	58.933	18,254.8	22.05	133.04	75.5	720.7	0.0	1,166.0
50.00		0.3750	49.213	58.127	17,516.3	21.73	131.23	75.8	701.0	0.0	497.9
55.00		0.3750	47.859	56.516	16,099.7	21.09	127.62	76.6	662.6	0.0	975.3
60.00		0.3750	46.505	54.905	14,761.7	20.46	124.01	77.3	625.2	0.0	947.8
65.00		0.3750	45.152	53.293	13,499.9	19.82	120.40	78.1	588.9	0.0	920.4
68.00		0.3750	44.339	52.327	12,778.4	19.44	118.24	78.5	567.6	0.0	539.1
70.00		0.3750	43.798	51.682	12,312.1	19.18	116.79	78.8	553.7	0.0	353.9
75.00		0.3750	42.444	50.071	11,196.1	18.55	113.18	79.6	519.6	0.0	865.6
76.00		0.3750	42.173	49.749	10,981.3	18.42	112.46	79.7	512.9	0.0	169.8
80.00		0.3750	41.090	48.460	10,149.7	17.91	109.57	80.3	486.5	0.0	668.4
82.16	Bot - Section 3	0.3750	40.505	47.763	9,717.9	17.63	108.01	80.7	472.6	0.0	354.2
85.00		0.3750	39.737	46.849	9,170.6	17.27	105.96	81.1	454.6	0.0	843.7
86.00		0.3750	39.466	46.526	8,982.7	17.15	105.24	81.2	448.3	0.0	293.6
87.83	Top - Section 2	0.3125	39.595	38.962	7,596.4	20.93	126.71	76.8	377.9	0.0	532.0
90.00		0.3125	39.008	38.380	7,260.6	20.60	124.83	77.2	366.6	0.0	285.5
91.00		0.3125	38.737	38.111	7,109.3	20.45	123.96	77.4	361.5	0.0	130.1
95.00		0.3125	37.654	37.037	6,525.0	19.84	120.49	78.1	341.3	0.0	511.4
100.0		0.3125	36.301	35.694	5,840.8	19.07	116.16	79.0	316.9	0.0	618.7
104.0		0.3125	35.218	34.620	5,329.2	18.46	112.70	79.7	298.0	0.0	478.5
105.0		0.3125	34.947	34.352	5,206.1	18.31	111.83	79.9	293.4	0.0	117.3
110.0		0.3125	33.593	33.009	4,619.2	17.54	107.50	80.8	270.8	0.0	573.0
115.0		0.3125	32.239	31.666	4,078.2	16.78	103.17	81.7	249.1	0.0	550.2
120.0		0.3125	30.886	30.324	3,581.1	16.02	98.83	82.6	228.4	0.0	527.3
125.0		0.3125	29.532	28.981	3,126.1	15.25	94.50	82.6	208.5	0.0	504.5
128.0		0.3125	28.720	28.175	2,872.6	14.79	91.90	82.6	197.0	0.0	291.7
129.0		0.3125	28.449	27.907	2,791.3	14.64	91.04	82.6	193.2	0.0	95.4
130.0		0.3125	28.178	27.638	2,711.5	14.49	90.17	82.6	189.5	0.0	94.5
											28,296.3

Site Number: 411189 Code: ANSI/TIA-222-H

Site Name: CRANBURYSU CT, CT Engineering Number:13698708_C3_02 7/9/2021 12:23:57 PM

Customer: VERIZON WIRELESS

Load Case: 1.2D + 1.0W 117 mph with No Ice 19 Iterations

Gust Response Factor :1.10
Dead Load Factor :1.20
Wind Load Factor :1.00

Applied Segment Forces Summary

		Shaft Forces		Discrete Forces				Linear Forces		Sum of Forces			
Seg Elev (ft)	Description	Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Torsion MY (lb-ft)	Moment MZ (lb)
0.00		242.3	0.0					0.0	0.0	242.3	0.0	0.0	0.0
5.00		479.3	1,970.7					0.0	372.7	479.3	2,343.4	0.0	0.0
10.00		468.6	1,926.8					0.0	372.7	468.6	2,299.5	0.0	0.0
15.00		457.9	1,883.0					0.0	372.7	457.9	2,255.7	0.0	0.0
20.00		447.2	1,839.1					0.0	372.7	447.2	2,211.8	0.0	0.0
25.00		436.5	1,795.2					0.0	372.7	436.5	2,168.0	0.0	0.0
30.00		430.8	1,751.4					0.0	372.7	430.8	2,124.1	0.0	0.0
35.00		433.8	1,707.5					0.0	372.7	433.8	2,080.2	0.0	0.0
40.00		240.5	1,663.6					0.0	372.7	240.5	2,036.4	0.0	0.0
40.50	Bot - Section 2	223.5	164.0					0.0	37.3	223.5	201.2	0.0	0.0
45.00		313.9	2,566.8					0.0	335.4	313.9	2,902.3	0.0	0.0
47.50	Top - Section 1	225.0	1,399.2					0.0	186.4	225.0	1,585.5	0.0	0.0
50.00		337.8	597.5					0.0	186.4	337.8	783.9	0.0	0.0
55.00		449.9	1,170.3					0.0	372.7	449.9	1,543.0	0.0	0.0
60.00		448.2	1,137.4					0.0	372.7	448.2	1,510.1	0.0	0.0
65.00		356.8	1,104.5					0.0	372.7	356.8	1,477.2	0.0	0.0
68.00	Appurtenance(s)	221.7	646.9	190.9	0.0	0.0	163.2	0.0	223.6	412.6	1,033.8	0.0	0.0
70.00		307.9	424.7					0.0	148.7	307.9	573.4	0.0	0.0
75.00	Appurtenance(s)	263.0	1,038.7	9.4	0.0	0.0	24.0	0.0	371.8	272.4	1,434.6	0.0	0.0
76.00	Appurtenance(s)	216.6	203.8	100.2	0.0	0.0	120.0	0.0	74.0	316.8	397.8	0.0	0.0
80.00	Appurtenance(s)	265.8	802.0	30.5	0.0	0.0	12.0	0.0	296.0	296.3	1,110.1	0.0	0.0
82.16	Bot - Section 3	215.3	425.0					0.0	159.7	215.3	584.7	0.0	0.0
85.00		165.4	1,012.5					0.0	209.4	165.4	1,221.9	0.0	0.0
86.00	Appurtenance(s)	121.1	352.3	1,937.6	0.0	0.0	2,202.0	0.0	73.8	2,058.6	2,628.1	0.0	0.0
87.83	Top - Section 2	170.2	638.4					0.0	135.1	170.2	773.5	0.0	0.0
90.00		134.2	342.7					0.0	160.2	134.2	502.9	0.0	0.0
91.00	Appurtenance(s)	209.1	156.2	917.7	0.0	0.0	1,800.0	0.0	73.8	1,126.9	2,030.0	0.0	0.0
95.00		371.8	613.7					0.0	295.3	371.8	909.0	0.0	0.0
100.00	Appurtenance(s)	365.3	742.5	2,572.8	0.0	3,506.1	1,559.3	0.0	369.1	2,938.1	2,670.9	0.0	0.0
104.00	Appurtenance(s)	200.1	574.2	1,548.9	0.0	0.0	3,000.0	0.0	187.0	1,749.0	3,761.2	0.0	0.0
105.00		234.8	140.8					0.0	46.7	234.8	187.6	0.0	0.0
110.00	Appurtenance(s)	385.1	687.6	3,264.1	0.0	6,807.9	3,397.7	0.0	233.7	3,649.2	4,319.0	0.0	0.0
115.00		374.3	660.2					0.0	158.6	374.3	818.9	0.0	0.0
120.00	Appurtenance(s)	363.0	632.8	2,820.1	0.0	0.0	3,074.0	0.0	158.6	3,183.1	3,865.5	0.0	0.0
125.00		282.8	605.4					0.0	45.1	282.8	650.5	0.0	0.0
128.00	Appurtenance(s)	133.8	350.1	1,749.8	0.0	0.0	1,630.7	0.0	27.1	1,883.6	2,007.8	0.0	0.0
129.00	Appurtenance(s)	58.9	114.5					0.0	0.0	944.9	114.5	0.0	0.0
130.00	Appurtenance(s)	29.4	113.4	1,059.0	0.0	0.0	3,000.0	0.0	0.0	1,088.4	3,113.4	0.0	0.0
								Totals:		28,168.4	62,231.3	0.00	0.00

Load Case: 1.2D + 1.0W — 117 mph with No Ice — 19 Iterations

Gust Response Factor :1.10
Dead Load Factor :1.20
Wind Load Factor :1.00

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-62.21	-27.97	0.00	-2,625.39	0.00	2,625.39	6,793.61	1,712.83	9,514.56	8,594.34	0.00	0.00	0.315
5.00	-59.83	-27.57	0.00	-2,485.54	0.00	2,485.54	6,692.31	1,675.12	9,100.36	8,278.33	0.04	-0.08	0.309
10.00	-57.49	-27.18	0.00	-2,347.69	0.00	2,347.69	6,588.83	1,637.42	8,695.37	7,965.37	0.17	-0.16	0.304
15.00	-55.20	-26.79	0.00	-2,211.81	0.00	2,211.81	6,483.18	1,599.72	8,299.60	7,655.67	0.37	-0.24	0.298
20.00	-52.96	-26.40	0.00	-2,077.87	0.00	2,077.87	6,375.36	1,562.02	7,913.05	7,349.39	0.67	-0.32	0.291
25.00	-50.75	-26.03	0.00	-1,945.85	0.00	1,945.85	6,265.37	1,524.32	7,535.72	7,046.72	1.04	-0.40	0.285
30.00	-48.60	-25.65	0.00	-1,815.72	0.00	1,815.72	6,153.21	1,486.61	7,167.60	6,747.85	1.50	-0.48	0.277
35.00	-46.49	-25.26	0.00	-1,687.48	0.00	1,687.48	6,038.88	1,448.91	6,808.70	6,452.96	2.05	-0.56	0.270
40.00	-44.43	-25.04	0.00	-1,561.17	0.00	1,561.17	5,922.38	1,411.21	6,459.02	6,162.22	2.68	-0.64	0.261
40.50	-44.22	-24.84	0.00	-1,548.65	0.00	1,548.65	5,910.61	1,407.44	6,424.56	6,133.39	2.75	-0.65	0.260
45.00	-41.29	-24.53	0.00	-1,436.86	0.00	1,436.86	5,803.70	1,373.51	6,118.56	5,875.83	3.40	-0.72	0.252
47.50	-39.69	-24.32	0.00	-1,375.53	0.00	1,375.53	4,002.81	1,034.27	4,625.51	4,079.20	3.79	-0.77	0.348
50.00	-38.88	-24.02	0.00	-1,314.74	0.00	1,314.74	3,967.67	1,020.13	4,499.93	3,987.71	4.20	-0.81	0.340
55.00	-37.30	-23.61	0.00	-1,194.65	0.00	1,194.65	3,895.77	991.85	4,253.95	3,806.08	5.10	-0.91	0.324
60.00	-35.76	-23.20	0.00	-1,076.60	0.00	1,076.60	3,821.70	963.58	4,014.88	3,626.44	6.11	-1.01	0.307
65.00	-34.26	-22.86	0.00	-960.60	0.00	960.60	3,745.46	935.30	3,782.73	3,448.96	7.22	-1.11	0.288
68.00	-33.22	-22.46	0.00	-892.02	0.00	892.02	3,698.67	918.33	3,646.75	3,343.58	7.94	-1.17	0.276
70.00	-32.62	-22.17	0.00	-847.11	0.00	847.11	3,667.05	907.02	3,557.49	3,273.81	8.44	-1.21	0.268
75.00	-31.18	-21.90	0.00	-736.23	0.00	736.23	3,586.46	878.75	3,339.16	3,101.20	9.75	-1.30	0.247
76.00	-30.77	-21.60	0.00	-714.33	0.00	714.33	3,570.09	873.09	3,296.33	3,066.99	10.02	-1.32	0.242
80.00	-29.65	-21.30	0.00	-627.94	0.00	627.94	3,503.71	850.47	3,127.75	2,931.29	11.16	-1.39	0.223
82.16	-29.05	-21.10	0.00	-581.86	0.00	581.86	3,467.23	838.23	3,038.42	2,858.66	11.79	-1.42	0.213
85.00	-27.82	-20.91	0.00	-522.02	0.00	522.02	3,418.78	822.19	2,923.25	2,764.27	12.65	-1.47	0.198
86.00	-25.24	-18.80	0.00	-501.10	0.00	501.10	3,401.54	816.54	2,883.18	2,731.23	12.96	-1.48	0.191
87.83	-24.46	-18.62	0.00	-466.70	0.00	466.70	2,692.45	683.79	2,426.19	2,176.03	13.54	-1.51	0.224
90.00	-23.96	-18.48	0.00	-426.30	0.00	426.30	2,665.65	673.56	2,354.17	2,121.90	14.23	-1.54	0.211
91.00	-21.95	-17.32	0.00	-407.82	0.00	407.82	2,653.16	668.85	2,321.35	2,097.06	14.56	-1.56	0.203
95.00	-21.03	-16.94	0.00	-338.55	0.00	338.55	2,602.34	650.00	2,192.36	1,998.45	15.89	-1.62	0.178
100.00	-18.43	-13.95	0.00	-250.34	0.00	250.34	2,536.86	626.44	2,036.30	1,876.95	17.62	-1.68	0.141
104.00	-14.72	-12.09	0.00	-194.56	0.00	194.56	2,482.92	607.58	1,915.61	1,781.28	19.05	-1.73	0.116
105.00	-14.53	-11.86	0.00	-182.47	0.00	182.47	2,469.21	602.87	1,886.01	1,757.59	19.42	-1.74	0.110
110.00	-10.32	-8.08	0.00	-116.37	0.00	116.37	2,399.39	579.31	1,741.47	1,640.54	21.26	-1.78	0.075
115.00	-9.51	-7.69	0.00	-75.95	0.00	75.95	2,327.39	555.74	1,602.70	1,525.98	23.14	-1.81	0.054
120.00	-5.75	-4.39	0.00	-37.50	0.00	37.50	2,252.90	532.18	1,469.69	1,413.90	25.05	-1.83	0.029
125.00	-5.11	-4.08	0.00	-15.57	0.00	15.57	2,153.14	508.62	1,342.44	1,290.85	26.97	-1.84	0.015
128.00	-3.16	-2.14	0.00	-3.32	0.00	3.32	2,093.29	494.48	1,268.86	1,219.72	28.13	-1.84	0.004
129.00	-3.08	-1.19	0.00	-1.19	0.00	1.19	2,073.34	489.76	1,244.79	1,196.45	28.51	-1.84	0.002
130.00	0.00	-1.09	0.00	0.00	0.00	0.00	2,053.39	485.05	1,220.95	1,173.41	28.90	-1.84	0.000

Site Number: 411189 Code: ANSI/TIA-222-H

Site Name: CRANBURYSU CT, CT Engineering Number:13698708_C3_02 7/9/2021 12:24:01 PM

Customer: VERIZON WIRELESS

Load Case: 0.9D + 1.0W 117 mph with No Ice (Reduced DL) 19 Iterations

Gust Response Factor :1.10
Dead Load Factor :0.90
Wind Load Factor :1.00

Applied Segment Forces Summary

		Shaft Forces		Discrete Forces				Linear Forces		Sum of Forces			
Seg Elev (ft)	Description	Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Torsion MY (lb-ft)	Moment MZ (lb)
0.00		242.3	0.0					0.0	0.0	242.3	0.0	0.0	0.0
5.00		479.3	1,478.0					0.0	279.5	479.3	1,757.5	0.0	0.0
10.00		468.6	1,445.1					0.0	279.5	468.6	1,724.7	0.0	0.0
15.00		457.9	1,412.2					0.0	279.5	457.9	1,691.8	0.0	0.0
20.00		447.2	1,379.3					0.0	279.5	447.2	1,658.9	0.0	0.0
25.00		436.5	1,346.4					0.0	279.5	436.5	1,626.0	0.0	0.0
30.00		430.8	1,313.5					0.0	279.5	430.8	1,593.1	0.0	0.0
35.00		433.8	1,280.6					0.0	279.5	433.8	1,560.2	0.0	0.0
40.00		240.5	1,247.7					0.0	279.5	240.5	1,527.3	0.0	0.0
40.50	Bot - Section 2	223.5	123.0					0.0	28.0	223.5	150.9	0.0	0.0
45.00		313.9	1,925.1					0.0	251.6	313.9	2,176.7	0.0	0.0
47.50	Top - Section 1	225.0	1,049.4					0.0	139.8	225.0	1,189.1	0.0	0.0
50.00		337.8	448.1					0.0	139.8	337.8	587.9	0.0	0.0
55.00		449.9	877.7					0.0	279.5	449.9	1,157.3	0.0	0.0
60.00		448.2	853.1					0.0	279.5	448.2	1,132.6	0.0	0.0
65.00		356.8	828.4					0.0	279.5	356.8	1,107.9	0.0	0.0
68.00	Appurtenance(s)	221.7	485.2	190.9	0.0	0.0	122.4	0.0	167.7	412.6	775.3	0.0	0.0
70.00		307.9	318.5					0.0	111.5	307.9	430.1	0.0	0.0
75.00	Appurtenance(s)	263.0	779.0	9.4	0.0	0.0	18.0	0.0	278.9	272.4	1,075.9	0.0	0.0
76.00	Appurtenance(s)	216.6	152.8	100.2	0.0	0.0	90.0	0.0	55.5	316.8	298.4	0.0	0.0
80.00	Appurtenance(s)	265.8	601.5	30.5	0.0	0.0	9.0	0.0	222.0	296.3	832.5	0.0	0.0
82.16	Bot - Section 3	215.3	318.7					0.0	119.8	215.3	438.5	0.0	0.0
85.00		165.4	759.3					0.0	157.1	165.4	916.4	0.0	0.0
86.00	Appurtenance(s)	121.1	264.2	1,937.6	0.0	0.0	1,651.5	0.0	55.4	2,058.6	1,971.1	0.0	0.0
87.83	Top - Section 2	170.2	478.8					0.0	101.3	170.2	580.2	0.0	0.0
90.00		134.2	257.0					0.0	120.1	134.2	377.1	0.0	0.0
91.00	Appurtenance(s)	209.1	117.1	917.7	0.0	0.0	1,350.0	0.0	55.4	1,126.9	1,522.5	0.0	0.0
95.00		371.8	460.3					0.0	221.5	371.8	681.8	0.0	0.0
100.00	Appurtenance(s)	365.3	556.8	2,572.8	0.0	3,506.1	1,169.5	0.0	276.8	2,938.1	2,003.1	0.0	0.0
104.00	Appurtenance(s)	200.1	430.7	1,548.9	0.0	0.0	2,250.0	0.0	140.2	1,749.0	2,820.9	0.0	0.0
105.00		234.8	105.6					0.0	35.1	234.8	140.7	0.0	0.0
110.00	Appurtenance(s)	385.1	515.7	3,264.1	0.0	6,807.9	2,548.3	0.0	175.3	3,649.2	3,239.3	0.0	0.0
115.00		374.3	495.2					0.0	119.0	374.3	614.2	0.0	0.0
120.00	Appurtenance(s)	363.0	474.6	2,820.1	0.0	0.0	2,305.5	0.0	119.0	3,183.1	2,899.1	0.0	0.0
125.00		282.8	454.1					0.0	33.8	282.8	487.9	0.0	0.0
128.00	Appurtenance(s)	133.8	262.6	1,749.8	0.0	0.0	1,223.0	0.0	20.3	1,883.6	1,505.9	0.0	0.0
129.00	Appurtenance(s)	58.9	85.9					0.0	0.0	944.9	85.9	0.0	0.0
130.00	Appurtenance(s)	29.4	85.1	1,059.0	0.0	0.0	2,250.0	0.0	0.0	1,088.4	2,335.1	0.0	0.0
								Totals:		28,168.4	46,673.4	0.00	0.00

Load Case: 0.9D + 1.0W — 117 mph with No Ice (Reduced DL) — 19 Iterations

Gust Response Factor :1.10
Dead Load Factor :0.90
Wind Load Factor :1.00

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-46.65	-27.96	0.00	-2,609.98	0.00	2,609.98	6,793.61	1,712.83	9,514.56	8,594.34	0.00	0.00	0.311
5.00	-44.86	-27.54	0.00	-2,470.19	0.00	2,470.19	6,692.31	1,675.12	9,100.36	8,278.33	0.04	-0.08	0.305
10.00	-43.10	-27.13	0.00	-2,332.49	0.00	2,332.49	6,588.83	1,637.42	8,695.37	7,965.37	0.17	-0.16	0.300
15.00	-41.37	-26.72	0.00	-2,196.87	0.00	2,196.87	6,483.18	1,599.72	8,299.60	7,655.67	0.37	-0.23	0.294
20.00	-39.68	-26.32	0.00	-2,063.27	0.00	2,063.27	6,375.36	1,562.02	7,913.05	7,349.39	0.66	-0.31	0.287
25.00	-38.02	-25.93	0.00	-1,931.67	0.00	1,931.67	6,265.37	1,524.32	7,535.72	7,046.72	1.03	-0.39	0.280
30.00	-36.39	-25.54	0.00	-1,802.04	0.00	1,802.04	6,153.21	1,486.61	7,167.60	6,747.85	1.49	-0.48	0.273
35.00	-34.80	-25.14	0.00	-1,674.36	0.00	1,674.36	6,038.88	1,448.91	6,808.70	6,452.96	2.03	-0.56	0.266
40.00	-33.26	-24.91	0.00	-1,548.68	0.00	1,548.68	5,922.38	1,411.21	6,459.02	6,162.22	2.66	-0.64	0.257
40.50	-33.09	-24.70	0.00	-1,536.23	0.00	1,536.23	5,910.61	1,407.44	6,424.56	6,133.39	2.73	-0.65	0.256
45.00	-30.89	-24.40	0.00	-1,425.05	0.00	1,425.05	5,803.70	1,373.51	6,118.56	5,875.83	3.37	-0.72	0.248
47.50	-29.69	-24.18	0.00	-1,364.07	0.00	1,364.07	4,002.81	1,034.27	4,625.51	4,079.20	3.76	-0.76	0.342
50.00	-29.08	-23.87	0.00	-1,303.63	0.00	1,303.63	3,967.67	1,020.13	4,499.93	3,987.71	4.17	-0.80	0.335
55.00	-27.89	-23.45	0.00	-1,184.29	0.00	1,184.29	3,895.77	991.85	4,253.95	3,806.08	5.07	-0.90	0.319
60.00	-26.72	-23.03	0.00	-1,067.05	0.00	1,067.05	3,821.70	963.58	4,014.88	3,626.44	6.07	-1.00	0.302
65.00	-25.59	-22.69	0.00	-951.91	0.00	951.91	3,745.46	935.30	3,782.73	3,448.96	7.17	-1.10	0.283
68.00	-24.80	-22.28	0.00	-883.85	0.00	883.85	3,698.67	918.33	3,646.75	3,343.58	7.88	-1.16	0.272
70.00	-24.35	-21.99	0.00	-839.30	0.00	839.30	3,667.05	907.02	3,557.49	3,273.81	8.38	-1.20	0.264
75.00	-23.26	-21.72	0.00	-729.35	0.00	729.35	3,586.46	878.75	3,339.16	3,101.20	9.68	-1.29	0.242
76.00	-22.96	-21.41	0.00	-707.63	0.00	707.63	3,570.09	873.09	3,296.33	3,066.99	9.95	-1.31	0.238
80.00	-22.11	-21.11	0.00	-622.00	0.00	622.00	3,503.71	850.47	3,127.75	2,931.29	11.07	-1.37	0.219
82.16	-21.66	-20.90	0.00	-576.32	0.00	576.32	3,467.23	838.23	3,038.42	2,858.66	11.71	-1.41	0.208
85.00	-20.74	-20.73	0.00	-517.02	0.00	517.02	3,418.78	822.19	2,923.25	2,764.27	12.56	-1.46	0.194
86.00	-18.82	-18.63	0.00	-496.30	0.00	496.30	3,401.54	816.54	2,883.18	2,731.23	12.87	-1.47	0.188
87.83	-18.23	-18.45	0.00	-462.21	0.00	462.21	2,692.45	683.79	2,426.19	2,176.03	13.44	-1.50	0.220
90.00	-17.85	-18.31	0.00	-422.18	0.00	422.18	2,665.65	673.56	2,354.17	2,121.90	14.12	-1.53	0.206
91.00	-16.35	-17.16	0.00	-403.86	0.00	403.86	2,653.16	668.85	2,321.35	2,097.06	14.45	-1.55	0.199
95.00	-15.66	-16.78	0.00	-335.24	0.00	335.24	2,602.34	650.00	2,192.36	1,998.45	15.77	-1.61	0.174
100.00	-13.73	-13.80	0.00	-247.82	0.00	247.82	2,536.86	626.44	2,036.30	1,876.95	17.49	-1.67	0.138
104.00	-10.95	-11.97	0.00	-192.61	0.00	192.61	2,482.92	607.58	1,915.61	1,781.28	18.91	-1.71	0.113
105.00	-10.81	-11.74	0.00	-180.64	0.00	180.64	2,469.21	602.87	1,886.01	1,757.59	19.27	-1.72	0.108
110.00	-7.68	-8.00	0.00	-115.12	0.00	115.12	2,399.39	579.31	1,741.47	1,640.54	21.10	-1.76	0.074
115.00	-7.08	-7.61	0.00	-75.13	0.00	75.13	2,327.39	555.74	1,602.70	1,525.98	22.96	-1.79	0.052
120.00	-4.28	-4.34	0.00	-37.08	0.00	37.08	2,252.90	532.18	1,469.69	1,413.90	24.85	-1.81	0.028
125.00	-3.80	-4.04	0.00	-15.39	0.00	15.39	2,153.14	508.62	1,342.44	1,290.85	26.76	-1.82	0.014
128.00	-2.35	-2.11	0.00	-3.27	0.00	3.27	2,093.29	494.48	1,268.86	1,219.72	27.90	-1.83	0.004
129.00	-2.30	-1.16	0.00	-1.16	0.00	1.16	2,073.34	489.76	1,244.79	1,196.45	28.29	-1.83	0.002
130.00	0.00	-1.09	0.00	0.00	0.00	0.00	2,053.39	485.05	1,220.95	1,173.41	28.67	-1.83	0.000

Load Case: 1.2D + 1.0Di + 1.0Wi — 50 mph with 1.00 in Radial Ice — 18 Iterations

Gust Response Factor :1.10 Ice Dead Load Factor :1.00
Dead Load Factor :1.20 Ice Importance Factor :1.00
Wind Load Factor :1.00

Applied Segment Forces Summary

Seg Elev (ft)	Description	Shaft Forces Wind FX (lb)	Shaft Forces Dead Load (lb)	Discrete Forces Wind FX (lb)	Discrete Forces Torsion MY (lb-ft)	Discrete Forces Moment MZ (lb-ft)	Discrete Forces Dead Load (lb)	Linear Forces Wind FX (lb)	Linear Forces Dead Load (lb)	Sum of Forces Wind FX (lb)	Sum of Forces Dead Load (lb)	Sum of Forces Torsion MY (lb-ft)	Sum of Forces Moment MZ (lb)
0.00		74.6	0.0					0.0	0.0	74.6	0.0	0.0	0.0
5.00		147.7	2,268.0					0.0	435.4	147.7	2,703.4	0.0	0.0
10.00		144.8	2,251.8					0.0	439.6	144.8	2,691.4	0.0	0.0
15.00		141.8	2,217.5					0.0	441.8	141.8	2,659.3	0.0	0.0
20.00		138.7	2,177.3					0.0	443.2	138.7	2,620.6	0.0	0.0
25.00		135.6	2,134.1					0.0	444.4	135.6	2,578.4	0.0	0.0
30.00		134.0	2,088.9					0.0	445.3	134.0	2,534.2	0.0	0.0
35.00		135.1	2,042.3					0.0	446.1	135.1	2,488.4	0.0	0.0
40.00		75.0	1,994.8					0.0	446.8	75.0	2,441.6	0.0	0.0
40.50	Bot - Section 2	69.8	197.2					0.0	44.7	69.8	241.9	0.0	0.0
45.00		98.0	2,865.4					0.0	402.7	98.0	3,268.1	0.0	0.0
47.50	Top - Section 1	70.3	1,564.2					0.0	223.9	70.3	1,788.1	0.0	0.0
50.00		105.7	761.2					0.0	224.1	105.7	985.2	0.0	0.0
55.00		140.9	1,491.3					0.0	448.5	140.9	1,939.8	0.0	0.0
60.00		140.6	1,452.4					0.0	449.0	140.6	1,901.4	0.0	0.0
65.00		112.1	1,413.1					0.0	449.4	112.1	1,862.5	0.0	0.0
68.00	Appurtenance(s)	69.7	830.0	49.9	0.0	0.0	218.5	0.0	269.8	119.6	1,318.3	0.0	0.0
70.00		97.0	545.8					0.0	179.6	97.0	725.4	0.0	0.0
75.00	Appurtenance(s)	82.9	1,333.7	4.3	0.0	0.0	29.3	0.0	449.3	87.1	1,812.3	0.0	0.0
76.00	Appurtenance(s)	68.4	262.7	24.3	0.0	0.0	143.4	0.0	89.5	92.6	495.6	0.0	0.0
80.00	Appurtenance(s)	83.9	1,032.4	8.0	0.0	0.0	26.1	0.0	358.3	92.0	1,416.8	0.0	0.0
82.16	Bot - Section 3	68.0	548.3					0.0	193.5	68.0	741.8	0.0	0.0
85.00		52.3	1,174.2					0.0	253.8	52.3	1,427.9	0.0	0.0
86.00	Appurtenance(s)	38.3	409.1	898.7	0.0	0.0	6,381.5	0.0	89.5	937.1	6,880.1	0.0	0.0
87.83	Top - Section 2	53.9	741.2					0.0	163.8	53.9	905.0	0.0	0.0
90.00		42.5	463.1					0.0	194.3	42.5	657.4	0.0	0.0
91.00	Appurtenance(s)	66.4	211.4	245.5	0.0	0.0	2,118.5	0.0	89.6	311.8	2,419.4	0.0	0.0
95.00		118.1	829.2					0.0	358.3	118.1	1,187.5	0.0	0.0
100.00	Appurtenance(s)	116.3	1,003.6	554.2	0.0	747.9	3,282.3	0.0	448.2	670.5	4,734.2	0.0	0.0
104.00	Appurtenance(s)	63.8	778.1	372.8	0.0	0.0	3,886.8	0.0	250.4	436.6	4,915.3	0.0	0.0
105.00		75.0	191.5					0.0	62.6	75.0	254.2	0.0	0.0
110.00	Appurtenance(s)	123.2	932.4	751.1	0.0	1,448.6	5,059.2	0.0	313.3	874.3	6,304.9	0.0	0.0
115.00		120.1	896.5					0.0	238.5	120.1	1,135.0	0.0	0.0
120.00	Appurtenance(s)	116.9	860.5	664.1	0.0	0.0	4,467.0	0.0	238.7	780.9	5,566.2	0.0	0.0
125.00		91.3	824.4					0.0	125.4	91.3	949.9	0.0	0.0
128.00	Appurtenance(s)	43.9	478.4	398.3	0.0	0.0	2,803.8	0.0	75.4	442.2	3,357.6	0.0	0.0
129.00	Appurtenance(s)	20.3	157.0					0.0	0.0	256.2	157.0	0.0	0.0
130.00	Appurtenance(s)	10.1	155.5	307.8	0.0	0.0	3,833.7	0.0	0.0	317.9	3,989.3	0.0	0.0
									Totals:	8,001.95	84,055.3	0.00	0.00

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph with 1.00 in Radial Ice 18 Iterations

Gust Response Factor :1.10 Ice Dead Load Factor :1.00
Dead Load Factor :1.20 Ice Importance Factor :1.00
Wind Load Factor :1.00

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-84.05	-7.94	0.00	-728.58	0.00	728.58	6,793.61	1,712.83	9,514.56	8,594.34	0.00	0.00	0.097
5.00	-81.35	-7.83	0.00	-688.86	0.00	688.86	6,692.31	1,675.12	9,100.36	8,278.33	0.01	-0.02	0.095
10.00	-78.65	-7.71	0.00	-649.73	0.00	649.73	6,588.83	1,637.42	8,695.37	7,965.37	0.05	-0.04	0.094
15.00	-75.99	-7.59	0.00	-611.19	0.00	611.19	6,483.18	1,599.72	8,299.60	7,655.67	0.10	-0.07	0.092
20.00	-73.37	-7.48	0.00	-573.21	0.00	573.21	6,375.36	1,562.02	7,913.05	7,349.39	0.18	-0.09	0.090
25.00	-70.79	-7.37	0.00	-535.81	0.00	535.81	6,265.37	1,524.32	7,535.72	7,046.72	0.29	-0.11	0.087
30.00	-68.25	-7.26	0.00	-498.97	0.00	498.97	6,153.21	1,486.61	7,167.60	6,747.85	0.42	-0.13	0.085
35.00	-65.76	-7.14	0.00	-462.69	0.00	462.69	6,038.88	1,448.91	6,808.70	6,452.96	0.57	-0.15	0.083
40.00	-63.32	-7.07	0.00	-426.99	0.00	426.99	5,922.38	1,411.21	6,459.02	6,162.22	0.74	-0.18	0.080
40.50	-63.07	-7.01	0.00	-423.46	0.00	423.46	5,910.61	1,407.44	6,424.56	6,133.39	0.76	-0.18	0.080
45.00	-59.80	-6.92	0.00	-391.90	0.00	391.90	5,803.70	1,373.51	6,118.56	5,875.83	0.94	-0.20	0.077
47.50	-58.01	-6.86	0.00	-374.59	0.00	374.59	4,002.81	1,034.27	4,625.51	4,079.20	1.05	-0.21	0.106
50.00	-57.03	-6.77	0.00	-357.45	0.00	357.45	3,967.67	1,020.13	4,499.93	3,987.71	1.16	-0.22	0.104
55.00	-55.08	-6.64	0.00	-323.63	0.00	323.63	3,895.77	991.85	4,253.95	3,806.08	1.41	-0.25	0.099
60.00	-53.18	-6.52	0.00	-290.41	0.00	290.41	3,821.70	963.58	4,014.88	3,626.44	1.68	-0.28	0.094
65.00	-51.32	-6.42	0.00	-257.82	0.00	257.82	3,745.46	935.30	3,782.73	3,448.96	1.99	-0.30	0.088
68.00	-50.00	-6.30	0.00	-238.57	0.00	238.57	3,698.67	918.33	3,646.75	3,343.58	2.19	-0.32	0.085
70.00	-49.27	-6.21	0.00	-225.97	0.00	225.97	3,667.05	907.02	3,557.49	3,273.81	2.32	-0.33	0.083
75.00	-47.46	-6.13	0.00	-194.89	0.00	194.89	3,586.46	878.75	3,339.16	3,101.20	2.68	-0.35	0.076
76.00	-46.96	-6.04	0.00	-188.77	0.00	188.77	3,570.09	873.09	3,296.33	3,066.99	2.75	-0.36	0.075
80.00	-45.54	-5.95	0.00	-164.60	0.00	164.60	3,503.71	850.47	3,127.75	2,931.29	3.06	-0.38	0.069
82.16	-44.80	-5.89	0.00	-151.72	0.00	151.72	3,467.23	838.23	3,038.42	2,858.66	3.24	-0.39	0.066
85.00	-43.37	-5.83	0.00	-135.02	0.00	135.02	3,418.78	822.19	2,923.25	2,764.27	3.47	-0.40	0.062
86.00	-36.50	-4.85	0.00	-129.19	0.00	129.19	3,401.54	816.54	2,883.18	2,731.23	3.55	-0.40	0.058
87.83	-35.59	-4.79	0.00	-120.31	0.00	120.31	2,692.45	683.79	2,426.19	2,176.03	3.71	-0.41	0.069
90.00	-34.94	-4.75	0.00	-109.91	0.00	109.91	2,665.65	673.56	2,354.17	2,121.90	3.90	-0.42	0.065
91.00	-32.52	-4.43	0.00	-105.15	0.00	105.15	2,653.16	668.85	2,321.35	2,097.06	3.99	-0.42	0.062
95.00	-31.33	-4.31	0.00	-87.44	0.00	87.44	2,602.34	650.00	2,192.36	1,998.45	4.35	-0.44	0.056
100.00	-26.60	-3.61	0.00	-65.15	0.00	65.15	2,536.86	626.44	2,036.30	1,876.95	4.81	-0.45	0.045
104.00	-21.69	-3.13	0.00	-50.72	0.00	50.72	2,482.92	607.58	1,915.61	1,781.28	5.20	-0.47	0.037
105.00	-21.44	-3.06	0.00	-47.58	0.00	47.58	2,469.21	602.87	1,886.01	1,757.59	5.30	-0.47	0.036
110.00	-15.14	-2.14	0.00	-30.83	0.00	30.83	2,399.39	579.31	1,741.47	1,640.54	5.80	-0.48	0.025
115.00	-14.00	-2.01	0.00	-20.15	0.00	20.15	2,327.39	555.74	1,602.70	1,525.98	6.30	-0.49	0.019
120.00	-8.44	-1.18	0.00	-10.11	0.00	10.11	2,252.90	532.18	1,469.69	1,413.90	6.82	-0.49	0.011
125.00	-7.49	-1.08	0.00	-4.21	0.00	4.21	2,153.14	508.62	1,342.44	1,290.85	7.33	-0.50	0.007
128.00	-4.14	-0.61	0.00	-0.96	0.00	0.96	2,093.29	494.48	1,268.86	1,219.72	7.64	-0.50	0.003
129.00	-3.99	-0.35	0.00	-0.35	0.00	0.35	2,073.34	489.76	1,244.79	1,196.45	7.75	-0.50	0.002
130.00	0.00	-0.32	0.00	0.00	0.00	0.00	2,053.39	485.05	1,220.95	1,173.41	7.85	-0.50	0.000

Load Case: 1.0D + 1.0W Serviceability 60 mph 18 Iterations

Gust Response Factor :1.10
Dead Load Factor :1.00
Wind Load Factor :1.00

Applied Segment Forces Summary

Seg Elev (ft)	Description	Shaft Forces Wind FX (lb)	Shaft Forces Dead Load (lb)	Discrete Forces Wind FX (lb)	Discrete Forces Torsion MY (lb-ft)	Discrete Forces Moment MZ (lb-ft)	Discrete Forces Dead Load (lb)	Linear Forces Wind FX (lb)	Linear Forces Dead Load (lb)	Sum of Forces Wind FX (lb)	Sum of Forces Dead Load (lb)	Sum of Forces Torsion MY (lb-ft)	Sum of Forces Moment MZ (lb)
0.00		57.0	0.0					0.0	0.0	57.0	0.0	0.0	0.0
5.00		112.8	1,642.2					0.0	310.6	112.8	1,952.8	0.0	0.0
10.00		110.3	1,605.7					0.0	310.6	110.3	1,916.3	0.0	0.0
15.00		107.7	1,569.1					0.0	310.6	107.7	1,879.7	0.0	0.0
20.00		105.2	1,532.6					0.0	310.6	105.2	1,843.2	0.0	0.0
25.00		102.7	1,496.0					0.0	310.6	102.7	1,806.6	0.0	0.0
30.00		101.4	1,459.5					0.0	310.6	101.4	1,770.1	0.0	0.0
35.00		102.1	1,422.9					0.0	310.6	102.1	1,733.5	0.0	0.0
40.00		56.6	1,386.4					0.0	310.6	56.6	1,697.0	0.0	0.0
40.50	Bot - Section 2	52.6	136.6					0.0	31.1	52.6	167.7	0.0	0.0
45.00		73.9	2,139.0					0.0	279.5	73.9	2,418.6	0.0	0.0
47.50	Top - Section 1	52.9	1,166.0					0.0	155.3	52.9	1,321.3	0.0	0.0
50.00		79.5	497.9					0.0	155.3	79.5	653.2	0.0	0.0
55.00		105.9	975.3					0.0	310.6	105.9	1,285.9	0.0	0.0
60.00		105.5	947.8					0.0	310.6	105.5	1,258.4	0.0	0.0
65.00		84.0	920.4					0.0	310.6	84.0	1,231.0	0.0	0.0
68.00	Appurtenance(s)	52.2	539.1	44.9	0.0	0.0	136.0	0.0	186.4	97.1	861.5	0.0	0.0
70.00		72.4	353.9					0.0	123.9	72.4	477.9	0.0	0.0
75.00	Appurtenance(s)	61.9	865.6	2.2	0.0	0.0	20.0	0.0	309.9	64.1	1,195.5	0.0	0.0
76.00	Appurtenance(s)	51.0	169.8	23.6	0.0	0.0	100.0	0.0	61.7	74.5	331.5	0.0	0.0
80.00	Appurtenance(s)	62.5	668.4	7.2	0.0	0.0	10.0	0.0	246.7	69.7	925.0	0.0	0.0
82.16	Bot - Section 3	50.7	354.2					0.0	133.1	50.7	487.3	0.0	0.0
85.00		38.9	843.7					0.0	174.5	38.9	1,018.2	0.0	0.0
86.00	Appurtenance(s)	28.5	293.6	455.9	0.0	0.0	1,835.0	0.0	61.5	484.4	2,190.1	0.0	0.0
87.83	Top - Section 2	40.0	532.0					0.0	112.6	40.0	644.6	0.0	0.0
90.00		31.6	285.5					0.0	133.5	31.6	419.0	0.0	0.0
91.00	Appurtenance(s)	49.2	130.1	215.9	0.0	0.0	1,500.0	0.0	61.5	265.2	1,691.7	0.0	0.0
95.00		87.5	511.4					0.0	246.1	87.5	757.5	0.0	0.0
100.00	Appurtenance(s)	86.0	618.7	605.4	0.0	825.0	1,299.4	0.0	307.6	691.3	2,225.7	0.0	0.0
104.00	Appurtenance(s)	47.1	478.5	364.5	0.0	0.0	2,500.0	0.0	155.8	411.5	3,134.3	0.0	0.0
105.00		55.2	117.3					0.0	39.0	55.2	156.3	0.0	0.0
110.00	Appurtenance(s)	90.6	573.0	768.1	0.0	1,601.9	2,831.4	0.0	194.8	858.7	3,599.2	0.0	0.0
115.00		88.1	550.2					0.0	132.2	88.1	682.4	0.0	0.0
120.00	Appurtenance(s)	85.4	527.3	663.6	0.0	0.0	2,561.7	0.0	132.2	749.0	3,221.2	0.0	0.0
125.00		66.6	504.5					0.0	37.6	66.6	542.1	0.0	0.0
128.00	Appurtenance(s)	31.5	291.7	411.7	0.0	0.0	1,358.9	0.0	22.6	443.2	1,673.2	0.0	0.0
129.00	Appurtenance(s)	13.9	95.4					0.0	0.0	222.3	95.4	0.0	0.0
130.00	Appurtenance(s)	6.9	94.5	249.2	0.0	0.0	2,500.0	0.0	0.0	256.1	2,594.5	0.0	0.0
									Totals:	6,628.11	51,859.4	0.00	0.00

Load Case: 1.0D + 1.0W Serviceability 60 mph 18 Iterations

Gust Response Factor :1.10
Dead Load Factor :1.00
Wind Load Factor :1.00

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-51.86	-6.58	0.00	-615.39	0.00	615.39	6,793.61	1,712.83	9,514.56	8,594.34	0.00	0.00	0.079
5.00	-49.90	-6.48	0.00	-582.49	0.00	582.49	6,692.31	1,675.12	9,100.36	8,278.33	0.01	-0.02	0.078
10.00	-47.99	-6.39	0.00	-550.08	0.00	550.08	6,588.83	1,637.42	8,695.37	7,965.37	0.04	-0.04	0.076
15.00	-46.10	-6.29	0.00	-518.15	0.00	518.15	6,483.18	1,599.72	8,299.60	7,655.67	0.09	-0.06	0.075
20.00	-44.26	-6.20	0.00	-486.69	0.00	486.69	6,375.36	1,562.02	7,913.05	7,349.39	0.16	-0.07	0.073
25.00	-42.45	-6.11	0.00	-455.69	0.00	455.69	6,265.37	1,524.32	7,535.72	7,046.72	0.24	-0.09	0.071
30.00	-40.68	-6.02	0.00	-425.15	0.00	425.15	6,153.21	1,486.61	7,167.60	6,747.85	0.35	-0.11	0.070
35.00	-38.94	-5.92	0.00	-395.07	0.00	395.07	6,038.88	1,448.91	6,808.70	6,452.96	0.48	-0.13	0.068
40.00	-37.24	-5.87	0.00	-365.45	0.00	365.45	5,922.38	1,411.21	6,459.02	6,162.22	0.63	-0.15	0.066
40.50	-37.08	-5.82	0.00	-362.51	0.00	362.51	5,910.61	1,407.44	6,424.56	6,133.39	0.64	-0.15	0.065
45.00	-34.66	-5.75	0.00	-336.30	0.00	336.30	5,803.70	1,373.51	6,118.56	5,875.83	0.80	-0.17	0.063
47.50	-33.33	-5.70	0.00	-321.93	0.00	321.93	4,002.81	1,034.27	4,625.51	4,079.20	0.89	-0.18	0.087
50.00	-32.68	-5.63	0.00	-307.68	0.00	307.68	3,967.67	1,020.13	4,499.93	3,987.71	0.98	-0.19	0.085
55.00	-31.39	-5.53	0.00	-279.54	0.00	279.54	3,895.77	991.85	4,253.95	3,806.08	1.20	-0.21	0.082
60.00	-30.13	-5.43	0.00	-251.88	0.00	251.88	3,821.70	963.58	4,014.88	3,626.44	1.43	-0.24	0.077
65.00	-28.90	-5.35	0.00	-224.72	0.00	224.72	3,745.46	935.30	3,782.73	3,448.96	1.69	-0.26	0.073
68.00	-28.04	-5.26	0.00	-208.66	0.00	208.66	3,698.67	918.33	3,646.75	3,343.58	1.86	-0.27	0.070
70.00	-27.56	-5.19	0.00	-198.15	0.00	198.15	3,667.05	907.02	3,557.49	3,273.81	1.98	-0.28	0.068
75.00	-26.36	-5.13	0.00	-172.20	0.00	172.20	3,586.46	878.75	3,339.16	3,101.20	2.28	-0.30	0.063
76.00	-26.03	-5.05	0.00	-167.08	0.00	167.08	3,570.09	873.09	3,296.33	3,066.99	2.35	-0.31	0.062
80.00	-25.10	-4.98	0.00	-146.87	0.00	146.87	3,503.71	850.47	3,127.75	2,931.29	2.61	-0.32	0.057
82.16	-24.62	-4.93	0.00	-136.08	0.00	136.08	3,467.23	838.23	3,038.42	2,858.66	2.76	-0.33	0.055
85.00	-23.60	-4.89	0.00	-122.09	0.00	122.09	3,418.78	822.19	2,923.25	2,764.27	2.96	-0.34	0.051
86.00	-21.41	-4.40	0.00	-117.19	0.00	117.19	3,401.54	816.54	2,883.18	2,731.23	3.04	-0.35	0.049
87.83	-20.77	-4.36	0.00	-109.15	0.00	109.15	2,692.45	683.79	2,426.19	2,176.03	3.17	-0.35	0.058
90.00	-20.35	-4.32	0.00	-99.69	0.00	99.69	2,665.65	673.56	2,354.17	2,121.90	3.33	-0.36	0.055
91.00	-18.66	-4.05	0.00	-95.37	0.00	95.37	2,653.16	668.85	2,321.35	2,097.06	3.41	-0.37	0.053
95.00	-17.90	-3.96	0.00	-79.17	0.00	79.17	2,602.34	650.00	2,192.36	1,998.45	3.72	-0.38	0.047
100.00	-15.68	-3.26	0.00	-58.53	0.00	58.53	2,536.86	626.44	2,036.30	1,876.95	4.13	-0.39	0.037
104.00	-12.54	-2.83	0.00	-45.49	0.00	45.49	2,482.92	607.58	1,915.61	1,781.28	4.46	-0.40	0.031
105.00	-12.39	-2.77	0.00	-42.66	0.00	42.66	2,469.21	602.87	1,886.01	1,757.59	4.55	-0.41	0.029
110.00	-8.80	-1.89	0.00	-27.20	0.00	27.20	2,399.39	579.31	1,741.47	1,640.54	4.98	-0.42	0.020
115.00	-8.11	-1.80	0.00	-17.75	0.00	17.75	2,327.39	555.74	1,602.70	1,525.98	5.42	-0.42	0.015
120.00	-4.90	-1.02	0.00	-8.76	0.00	8.76	2,252.90	532.18	1,469.69	1,413.90	5.86	-0.43	0.008
125.00	-4.36	-0.95	0.00	-3.64	0.00	3.64	2,153.14	508.62	1,342.44	1,290.85	6.31	-0.43	0.005
128.00	-2.69	-0.50	0.00	-0.77	0.00	0.77	2,093.29	494.48	1,268.86	1,219.72	6.58	-0.43	0.002
129.00	-2.59	-0.28	0.00	-0.28	0.00	0.28	2,073.34	489.76	1,244.79	1,196.45	6.68	-0.43	0.001
130.00	0.00	-0.26	0.00	0.00	0.00	0.00	2,053.39	485.05	1,220.95	1,173.41	6.77	-0.43	0.000

Equivalent Lateral Forces Method Analysis

Spectral Response Acceleration for Short Period (S_s):	0.23
Spectral Response Acceleration at 1.0 Second Period (S_1):	0.06
Long-Period Transition Period (T_L):	6
Importance Factor (I_E):	1.00
Site Coefficient F_a:	1.60
Site Coeffiecient F_v:	2.40
Response Modification Coefficient (R):	1.50
Design Spectral Response Acceleration at Short Period (S_{ds}):	0.25
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.09
Seismic Response Coefficient (C_s):	0.04
Upper Limit C_s	0.04
Lower Limit C_s	0.03
Period based on Rayleigh Method (sec):	1.58
Redundancy Factor (p):	1.00
Seismic Force Distribution Exponent (k):	1.54
Total Unfactored Dead Load:	51.86 k
Seismic Base Shear (E):	1.97 k

Load Case 1.2D + 1.0Ev + 1.0Eh Seismic

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
37	129.50	95	167	0.004	8	118
36	128.50	95	167	0.004	8	119
35	126.50	314	536	0.013	26	393
34	122.50	542	880	0.021	42	677
33	117.50	660	1,004	0.024	48	824
32	112.50	682	972	0.024	47	853
31	107.50	768	1,020	0.025	49	960
30	104.50	156	199	0.005	10	195
29	102.00	634	777	0.019	37	793
28	97.50	926	1,059	0.026	51	1,158
27	93.00	758	805	0.020	39	947
26	90.50	192	195	0.005	9	240
25	88.92	419	416	0.010	20	524
24	86.92	645	618	0.015	30	806
23	85.50	355	332	0.008	16	444
22	83.58	1,018	919	0.022	44	1,272
21	81.08	487	420	0.010	20	609
20	78.00	915	742	0.018	36	1,144
19	75.50	232	179	0.004	9	289
18	72.50	1,175	852	0.021	41	1,469
17	69.00	478	321	0.008	15	597
16	66.50	725	460	0.011	22	907
15	62.50	1,231	710	0.017	34	1,538
14	57.50	1,258	639	0.016	31	1,573
13	52.50	1,286	567	0.014	27	1,607

12	48.75	653	257	0.006	12	816
11	46.25	1,321	480	0.012	23	1,651
10	42.75	2,419	778	0.019	37	3,023
9	40.25	168	49	0.001	2	210
8	37.50	1,697	446	0.011	21	2,121
7	32.50	1,734	366	0.009	18	2,166
6	27.50	1,770	289	0.007	14	2,212
5	22.50	1,807	217	0.005	10	2,258
4	17.50	1,843	150	0.004	7	2,303
3	12.50	1,880	91	0.002	4	2,349
2	7.50	1,916	42	0.001	2	2,395
1	2.50	1,953	8	0.000	0	2,440
Generic Round Platfo	130.00	2,500	4,448	0.108	213	3,124
VZW Unused Reserve (	129.00	0	0	0.000	0	0
Samsung Outdoor CBRS	128.00	13	23	0.001	1	16
Samsung RT4401-48A	128.00	56	97	0.002	5	70
Samsung B5/B13 RRH-B	128.00	211	366	0.009	18	264
Samsung B2/B66A RRH-	128.00	253	440	0.011	21	316
Commscope TD-850B-LT	128.00	159	276	0.007	13	199
Raycap RCMDC-6627-PF	128.00	32	56	0.001	3	40
Samsung MT6407-77A	128.00	245	425	0.010	20	306
Quintel QS6656-5	128.00	390	678	0.017	32	487
Alcatel-Lucent RRH2x	120.00	159	250	0.006	12	198
Alcatel-Lucent 800MH	120.00	159	250	0.006	12	199
Alcatel-Lucent 1900M	120.00	132	208	0.005	10	165
Nokia 2.5G MAA - AAH	120.00	311	489	0.012	23	388
Generic 24" x 24" Ju	120.00	20	31	0.001	2	25
Andrew Microwaves VH	120.00	49	77	0.002	4	61
Commscope NNVV-65B-R	120.00	232	365	0.009	18	290
Flat Low Profile Pla	120.00	1,500	2,360	0.058	113	1,875
Ericsson KRY 112 71	110.00	40	54	0.001	3	49
Ericsson Radio 4449	110.00	222	305	0.007	15	277
EMS RR90-17-02DP	110.00	41	56	0.001	3	51
Ericsson AIR 21, 1.3	110.00	249	343	0.008	16	311
Ericsson AIR-32 B2A/	110.00	397	546	0.013	26	496
RFS APXVAARR24_43-U-	110.00	384	528	0.013	25	480
Flat Low Profile Pla	110.00	1,500	2,064	0.050	99	1,875
Generic Flat Platfor	104.00	2,500	3,156	0.077	151	3,124
Kathrein Scala 860-1	100.00	7	8	0.000	0	8
Kathrein Scala 860 1	100.00	3	4	0.000	0	4
Generic GPS	100.00	10	12	0.000	1	12
Raycap DC6-48-60-18-	100.00	20	24	0.001	1	25
Ericsson RRUS 8843 B	100.00	216	257	0.006	12	270
Ericsson Radio 4415	100.00	129	153	0.004	7	161
Ericsson RRUS 4449 B	100.00	213	253	0.006	12	266
Raycap DC9-48-60-24-	100.00	16	19	0.000	1	20
Powerwave Allgon 777	100.00	105	125	0.003	6	131
CCI HPA-65R-BUU-H6	100.00	153	182	0.004	9	191
CCI DMP65R-BU6DA	100.00	238	283	0.007	14	298
CCI OPA65R-BU6D	100.00	190	225	0.005	11	237
Empty Flat Low Profi	91.00	1,500	1,542	0.038	74	1,875
Generic Dish Reserve	86.00	1,835	1,730	0.042	83	2,293
Generic GPS	80.00	10	8	0.000	0	12
Stand-Off	76.00	100	78	0.002	4	125
Generic 2" x 8" GPS	75.00	20	15	0.000	1	25
Generic GPS	68.00	10	7	0.000	0	12
Side Arm	68.00	126	83	0.002	4	157
		51,859	41,029	1.000	1,967	64,809

Load Case 0.9D - 1.0Ev + 1.0Eh Seismic (Reduced DL)

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
37	129.50	95	167	0.004	8	80
36	128.50	95	167	0.004	8	81
35	126.50	314	536	0.013	26	267
34	122.50	542	880	0.021	42	461
33	117.50	660	1,004	0.024	48	561
32	112.50	682	972	0.024	47	580
31	107.50	768	1,020	0.025	49	653
30	104.50	156	199	0.005	10	133
29	102.00	634	777	0.019	37	539
28	97.50	926	1,059	0.026	51	788
27	93.00	758	805	0.020	39	644
26	90.50	192	195	0.005	9	163
25	88.92	419	416	0.010	20	356
24	86.92	645	618	0.015	30	548
23	85.50	355	332	0.008	16	302
22	83.58	1,018	919	0.022	44	866
21	81.08	487	420	0.010	20	414
20	78.00	915	742	0.018	36	778
19	75.50	232	179	0.004	9	197
18	72.50	1,175	852	0.021	41	999
17	69.00	478	321	0.008	15	406
16	66.50	725	460	0.011	22	617
15	62.50	1,231	710	0.017	34	1,047
14	57.50	1,258	639	0.016	31	1,070
13	52.50	1,286	567	0.014	27	1,093
12	48.75	653	257	0.006	12	555
11	46.25	1,321	480	0.012	23	1,123
10	42.75	2,419	778	0.019	37	2,057
9	40.25	168	49	0.001	2	143
8	37.50	1,697	446	0.011	21	1,443
7	32.50	1,734	366	0.009	18	1,474
6	27.50	1,770	289	0.007	14	1,505
5	22.50	1,807	217	0.005	10	1,536
4	17.50	1,843	150	0.004	7	1,567
3	12.50	1,880	91	0.002	4	1,598
2	7.50	1,916	42	0.001	2	1,629
1	2.50	1,953	8	0.000	0	1,660
Generic Round Platfo	130.00	2,500	4,448	0.108	213	2,126
VZW Unused Reserve (	129.00	0	0	0.000	0	0
Samsung Outdoor CBRS	128.00	13	23	0.001	1	11
Samsung RT4401-48A	128.00	56	97	0.002	5	47
Samsung B5/B13 RRH-B	128.00	211	366	0.009	18	179
Samsung B2/B66A RRH-	128.00	253	440	0.011	21	215
Commscope TD-850B-LT	128.00	159	276	0.007	13	135
Raycap RCMDC-6627-PF	128.00	32	56	0.001	3	27
Samsung MT6407-77A	128.00	245	425	0.010	20	208
Quintel QS6656-5	128.00	390	678	0.017	32	332
Alcatel-Lucent RRH2x	120.00	159	250	0.006	12	135
Alcatel-Lucent 800MH	120.00	159	250	0.006	12	135
Alcatel-Lucent 1900M	120.00	132	208	0.005	10	112
Nokia 2.5G MAA - AAH	120.00	311	489	0.012	23	264
Generic 24" x 24" Ju	120.00	20	31	0.001	2	17
Andrew Microwaves VH	120.00	49	77	0.002	4	42
Commscope NNVV-65B-R	120.00	232	365	0.009	18	197
Flat Low Profile Pla	120.00	1,500	2,360	0.058	113	1,275
Ericsson KRY 112 71	110.00	40	54	0.001	3	34
Ericsson Radio 4449	110.00	222	305	0.007	15	189

EMS RR90-17-02DP	110.00	41	56	0.001	3	34
Ericsson AIR 21, 1.3	110.00	249	343	0.008	16	212
Ericsson AIR-32 B2A/	110.00	397	546	0.013	26	337
RFS APXVAARR24_43-U-	110.00	384	528	0.013	25	326
Flat Low Profile Pla	110.00	1,500	2,064	0.050	99	1,275
Generic Flat Platfor	104.00	2,500	3,156	0.077	151	2,126
Kathrein Scala 860-1	100.00	7	8	0.000	0	6
Kathrein Scala 860 1	100.00	3	4	0.000	0	3
Generic GPS	100.00	10	12	0.000	1	9
Raycap DC6-48-60-18-	100.00	20	24	0.001	1	17
Ericsson RRUS 8843 B	100.00	216	257	0.006	12	184
Ericsson Radio 4415	100.00	129	153	0.004	7	110
Ericsson RRUS 4449 B	100.00	213	253	0.006	12	181
Raycap DC9-48-60-24-	100.00	16	19	0.000	1	14
Powerwave Allgon 777	100.00	105	125	0.003	6	89
CCI HPA-65R-BUU-H6	100.00	153	182	0.004	9	130
CCI DMP65R-BU6DA	100.00	238	283	0.007	14	203
CCI OPA65R-BU6D	100.00	190	225	0.005	11	161
Empty Flat Low Profi	91.00	1,500	1,542	0.038	74	1,275
Generic Dish Reserve	86.00	1,835	1,730	0.042	83	1,560
Generic GPS	80.00	10	8	0.000	0	9
Stand-Off	76.00	100	78	0.002	4	85
Generic 2" x 8" GPS	75.00	20	15	0.000	1	17
Generic GPS	68.00	10	7	0.000	0	9
Side Arm	68.00	126	83	0.002	4	107
		51,859	41,029	1.000	1,967	44,096

Load Case 1.2D + 1.0Ev + 1.0Eh Seismic

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-62.37	-1.97	0.00	-198.00	0.00	198.00	6,793.61	1,712.83	9,514.56	8,594.34	0.00	0.00	0.032
5.00	-59.97	-1.97	0.00	-188.16	0.00	188.16	6,692.31	1,675.12	9,100.36	8,278.33	0.00	-0.01	0.032
10.00	-57.62	-1.97	0.00	-178.29	0.00	178.29	6,588.83	1,637.42	8,695.37	7,965.37	0.01	-0.01	0.031
15.00	-55.32	-1.97	0.00	-168.42	0.00	168.42	6,483.18	1,599.72	8,299.60	7,655.67	0.03	-0.02	0.031
20.00	-53.06	-1.97	0.00	-158.56	0.00	158.56	6,375.36	1,562.02	7,913.05	7,349.39	0.05	-0.02	0.030
25.00	-50.85	-1.96	0.00	-148.72	0.00	148.72	6,265.37	1,524.32	7,535.72	7,046.72	0.08	-0.03	0.029
30.00	-48.68	-1.94	0.00	-138.94	0.00	138.94	6,153.21	1,486.61	7,167.60	6,747.85	0.11	-0.04	0.029
35.00	-46.56	-1.93	0.00	-129.22	0.00	129.22	6,038.88	1,448.91	6,808.70	6,452.96	0.16	-0.04	0.028
40.00	-46.35	-1.93	0.00	-119.58	0.00	119.58	5,922.38	1,411.21	6,459.02	6,162.22	0.20	-0.05	0.027
40.50	-43.33	-1.89	0.00	-118.62	0.00	118.62	5,910.61	1,407.44	6,424.56	6,133.39	0.21	-0.05	0.027
45.00	-41.68	-1.87	0.00	-110.12	0.00	110.12	5,803.70	1,373.51	6,118.56	5,875.83	0.26	-0.06	0.026
47.50	-40.86	-1.86	0.00	-105.45	0.00	105.45	4,002.81	1,034.27	4,625.51	4,079.20	0.29	-0.06	0.036
50.00	-39.26	-1.83	0.00	-100.81	0.00	100.81	3,967.67	1,020.13	4,499.93	3,987.71	0.32	-0.06	0.035
55.00	-37.68	-1.80	0.00	-91.65	0.00	91.65	3,895.77	991.85	4,253.95	3,806.08	0.39	-0.07	0.034
60.00	-36.14	-1.77	0.00	-82.63	0.00	82.63	3,821.70	963.58	4,014.88	3,626.44	0.47	-0.08	0.032
65.00	-35.24	-1.75	0.00	-73.76	0.00	73.76	3,745.46	935.30	3,782.73	3,448.96	0.55	-0.08	0.031
68.00	-34.47	-1.74	0.00	-68.50	0.00	68.50	3,698.67	918.33	3,646.75	3,343.58	0.61	-0.09	0.030
70.00	-33.00	-1.69	0.00	-65.03	0.00	65.03	3,667.05	907.02	3,557.49	3,273.81	0.64	-0.09	0.029
75.00	-32.69	-1.69	0.00	-56.56	0.00	56.56	3,586.46	878.75	3,339.16	3,101.20	0.74	-0.10	0.027
76.00	-31.42	-1.65	0.00	-54.87	0.00	54.87	3,570.09	873.09	3,296.33	3,066.99	0.76	-0.10	0.027
80.00	-30.80	-1.63	0.00	-48.28	0.00	48.28	3,503.71	850.47	3,127.75	2,931.29	0.85	-0.11	0.025
82.16	-29.52	-1.58	0.00	-44.76	0.00	44.76	3,467.23	838.23	3,038.42	2,858.66	0.90	-0.11	0.024
85.00	-29.08	-1.57	0.00	-40.27	0.00	40.27	3,418.78	822.19	2,923.25	2,764.27	0.97	-0.11	0.023
86.00	-25.98	-1.45	0.00	-38.70	0.00	38.70	3,401.54	816.54	2,883.18	2,731.23	0.99	-0.11	0.022
87.83	-25.46	-1.43	0.00	-36.05	0.00	36.05	2,692.45	683.79	2,426.19	2,176.03	1.03	-0.12	0.026
90.00	-25.22	-1.42	0.00	-32.94	0.00	32.94	2,665.65	673.56	2,354.17	2,121.90	1.09	-0.12	0.025
91.00	-22.40	-1.30	0.00	-31.52	0.00	31.52	2,653.16	668.85	2,321.35	2,097.06	1.11	-0.12	0.023
95.00	-21.24	-1.25	0.00	-26.31	0.00	26.31	2,602.34	650.00	2,192.36	1,998.45	1.21	-0.12	0.021
100.00	-18.82	-1.14	0.00	-20.04	0.00	20.04	2,536.86	626.44	2,036.30	1,876.95	1.35	-0.13	0.018
104.00	-15.50	-0.97	0.00	-15.49	0.00	15.49	2,482.92	607.58	1,915.61	1,781.28	1.46	-0.13	0.015
105.00	-14.54	-0.92	0.00	-14.53	0.00	14.53	2,469.21	602.87	1,886.01	1,757.59	1.48	-0.13	0.014
110.00	-10.15	-0.68	0.00	-9.93	0.00	9.93	2,399.39	579.31	1,741.47	1,640.54	1.63	-0.14	0.010
115.00	-9.33	-0.63	0.00	-6.55	0.00	6.55	2,327.39	555.74	1,602.70	1,525.98	1.77	-0.14	0.008
120.00	-5.45	-0.38	0.00	-3.42	0.00	3.42	2,252.90	532.18	1,469.69	1,413.90	1.92	-0.14	0.005
125.00	-5.06	-0.35	0.00	-1.51	0.00	1.51	2,153.14	508.62	1,342.44	1,290.85	2.07	-0.14	0.004
128.00	-3.24	-0.23	0.00	-0.45	0.00	0.45	2,093.29	494.48	1,268.86	1,219.72	2.15	-0.14	0.002
129.00	-3.12	-0.22	0.00	-0.22	0.00	0.22	2,073.34	489.76	1,244.79	1,196.45	2.18	-0.14	0.002
130.00	0.00	-0.21	0.00	0.00	0.00	0.00	2,053.39	485.05	1,220.95	1,173.41	2.21	-0.14	0.000

Load Case 0.9D - 1.0Ev + 1.0Eh Seismic (Reduced DL)

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-42.44	-1.97	0.00	-196.50	0.00	196.50	6,793.61	1,712.83	9,514.56	8,594.34	0.00	0.00	0.029
5.00	-40.81	-1.97	0.00	-186.66	0.00	186.66	6,692.31	1,675.12	9,100.36	8,278.33	0.00	-0.01	0.029
10.00	-39.21	-1.97	0.00	-176.81	0.00	176.81	6,588.83	1,637.42	8,695.37	7,965.37	0.01	-0.01	0.028
15.00	-37.64	-1.97	0.00	-166.97	0.00	166.97	6,483.18	1,599.72	8,299.60	7,655.67	0.03	-0.02	0.028
20.00	-36.10	-1.96	0.00	-157.14	0.00	157.14	6,375.36	1,562.02	7,913.05	7,349.39	0.05	-0.02	0.027
25.00	-34.60	-1.95	0.00	-147.35	0.00	147.35	6,265.37	1,524.32	7,535.72	7,046.72	0.08	-0.03	0.026
30.00	-33.12	-1.93	0.00	-137.61	0.00	137.61	6,153.21	1,486.61	7,167.60	6,747.85	0.11	-0.04	0.026
35.00	-31.68	-1.91	0.00	-127.94	0.00	127.94	6,038.88	1,448.91	6,808.70	6,452.96	0.15	-0.04	0.025
40.00	-31.54	-1.91	0.00	-118.37	0.00	118.37	5,922.38	1,411.21	6,459.02	6,162.22	0.20	-0.05	0.025
40.50	-29.48	-1.88	0.00	-117.41	0.00	117.41	5,910.61	1,407.44	6,424.56	6,133.39	0.21	-0.05	0.024
45.00	-28.36	-1.85	0.00	-108.97	0.00	108.97	5,803.70	1,373.51	6,118.56	5,875.83	0.26	-0.05	0.023
47.50	-27.80	-1.84	0.00	-104.34	0.00	104.34	4,002.81	1,034.27	4,625.51	4,079.20	0.29	-0.06	0.033
50.00	-26.71	-1.82	0.00	-99.73	0.00	99.73	3,967.67	1,020.13	4,499.93	3,987.71	0.32	-0.06	0.032
55.00	-25.64	-1.79	0.00	-90.64	0.00	90.64	3,895.77	991.85	4,253.95	3,806.08	0.39	-0.07	0.030
60.00	-24.59	-1.76	0.00	-81.70	0.00	81.70	3,821.70	963.58	4,014.88	3,626.44	0.46	-0.08	0.029
65.00	-23.97	-1.74	0.00	-72.92	0.00	72.92	3,745.46	935.30	3,782.73	3,448.96	0.55	-0.08	0.028
68.00	-23.45	-1.72	0.00	-67.71	0.00	67.71	3,698.67	918.33	3,646.75	3,343.58	0.60	-0.09	0.027
70.00	-22.45	-1.68	0.00	-64.28	0.00	64.28	3,667.05	907.02	3,557.49	3,273.81	0.64	-0.09	0.026
75.00	-22.24	-1.67	0.00	-55.89	0.00	55.89	3,586.46	878.75	3,339.16	3,101.20	0.74	-0.10	0.024
76.00	-21.38	-1.63	0.00	-54.22	0.00	54.22	3,570.09	873.09	3,296.33	3,066.99	0.76	-0.10	0.024
80.00	-20.95	-1.61	0.00	-47.71	0.00	47.71	3,503.71	850.47	3,127.75	2,931.29	0.84	-0.10	0.022
82.16	-20.09	-1.56	0.00	-44.22	0.00	44.22	3,467.23	838.23	3,038.42	2,858.66	0.89	-0.11	0.021
85.00	-19.79	-1.55	0.00	-39.79	0.00	39.79	3,418.78	822.19	2,923.25	2,764.27	0.96	-0.11	0.020
86.00	-17.68	-1.43	0.00	-38.24	0.00	38.24	3,401.54	816.54	2,883.18	2,731.23	0.98	-0.11	0.019
87.83	-17.32	-1.41	0.00	-35.61	0.00	35.61	2,692.45	683.79	2,426.19	2,176.03	1.02	-0.11	0.023
90.00	-17.16	-1.40	0.00	-32.55	0.00	32.55	2,665.65	673.56	2,354.17	2,121.90	1.08	-0.12	0.022
91.00	-15.24	-1.29	0.00	-31.14	0.00	31.14	2,653.16	668.85	2,321.35	2,097.06	1.10	-0.12	0.021
95.00	-14.45	-1.24	0.00	-25.99	0.00	25.99	2,602.34	650.00	2,192.36	1,998.45	1.20	-0.12	0.019
100.00	-12.81	-1.12	0.00	-19.80	0.00	19.80	2,536.86	626.44	2,036.30	1,876.95	1.33	-0.13	0.016
104.00	-10.55	-0.96	0.00	-15.31	0.00	15.31	2,482.92	607.58	1,915.61	1,781.28	1.44	-0.13	0.013
105.00	-9.90	-0.91	0.00	-14.35	0.00	14.35	2,469.21	602.87	1,886.01	1,757.59	1.47	-0.13	0.012
110.00	-6.91	-0.67	0.00	-9.81	0.00	9.81	2,399.39	579.31	1,741.47	1,640.54	1.61	-0.14	0.009
115.00	-6.35	-0.62	0.00	-6.47	0.00	6.47	2,327.39	555.74	1,602.70	1,525.98	1.75	-0.14	0.007
120.00	-3.71	-0.38	0.00	-3.38	0.00	3.38	2,252.90	532.18	1,469.69	1,413.90	1.90	-0.14	0.004
125.00	-3.44	-0.35	0.00	-1.50	0.00	1.50	2,153.14	508.62	1,342.44	1,290.85	2.04	-0.14	0.003
128.00	-2.21	-0.23	0.00	-0.44	0.00	0.44	2,093.29	494.48	1,268.86	1,219.72	2.13	-0.14	0.001
129.00	-2.13	-0.22	0.00	-0.22	0.00	0.22	2,073.34	489.76	1,244.79	1,196.45	2.16	-0.14	0.001
130.00	0.00	-0.21	0.00	0.00	0.00	0.00	2,053.39	485.05	1,220.95	1,173.41	2.19	-0.14	0.000

Analysis Summary

	Reactions						Max Usage	
Load Case	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Elev (ft)	Interaction Ratio
1.2D + 1.0W	27.97	0.00	62.21	0.00	0.00	2625.39	47.50	0.35
0.9D + 1.0W	27.96	0.00	46.65	0.00	0.00	2609.98	47.50	0.34
1.2D + 1.0Di + 1.0Wi	7.94	0.00	84.05	0.00	0.00	728.58	47.50	0.11
1.2D + 1.0Ev + 1.0Eh	1.97	0.00	62.37	0.00	0.00	198.00	47.50	0.04
0.9D - 1.0Ev + 1.0Eh	1.97	0.00	42.44	0.00	0.00	196.50	47.50	0.03
1.0D + 1.0W	6.58	0.00	51.86	0.00	0.00	615.39	47.50	0.09

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

Antenna Mount Analysis Report and PMI Requirements

Mount Analysis

SMART Tool Project #: 10058886
GPD Project #: 2021740.467333.01
Maser Project #: 21777727

October 21, 2021

Site Information	*Site ID:*	*467333-VZW / CRANBURY CT*
	Site Name:	*CRANBURY CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*2 Sunny Lane* *Westport, Connecticut 06880* *Fairfield County*
	Latitude:	*41.162917°*
	Longitude:	*-73.373083°*
Structure Information	*Tower Type:*	*129-Ft Monopole*
	Mount Type:	*13.75-Ft Platform*

FUZE ID # 16244165

Analysis Results

Platform: **69.3% Pass**

******Contractor PMI Requirements*:**
Included at the end of this MA report
Available & Submitted via portal at https://pmi.vzwsmart.com
Contractor - Please Review Specific Site PMI Requirements Upon Award
Requirements may also be Noted on A & E drawings
For additional questions and support, please reach out to:
pmisupport@colliersengineering.com

Report Prepared By: Parker Graf

Respectfully Submitted by:

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

10/21/2021

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS Site ID: 323639, dated May 26, 2021*
Mount Mapping Report	*Structural Components Site #: 16244165, dated October 7, 2021*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	117 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:	0.998
Seismic Parameters:	S_S:	0.233 g
	S_1:	0.056 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
126.50	128.00	3	Samsung	MT6407-77A	Added
		3	Commscope	TD-850B-LTE78-43	
		6	Quintel	QS6656-5D	Retained
		3	Samsung	XXDWMM-12.5-65-8T-CBRS	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		2	Raycap	RxxDC-3315-PF-48	

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 in accordance with the NSTD-446 Standard, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

4. All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.

5. The mount was checked up to, and including, the bolts that fasten it to the mount collar/attachment and threaded rod connections in collar members if applicable. Local deformation and interaction between the mount collar/attachment and the supporting tower structure are outside the scope of this analysis.

6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. 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 — F1554 (Gr. 36)
   - Bolts — ASTM A325

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

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	19.2 %	Pass
Grating Support	3.8 %	Pass
Standoff Arm	24.6 %	Pass
Support Rail	22.4 %	Pass
Support Rail Corner	12.9 %	Pass
Kicker Kit	12.8 %	Pass
Pipe Mount (P2 STD)	35.1 %	Pass
Pipe Mount (P2.5 STD)	26.6 %	Pass
OVP Pipe	9.0 %	Pass
Mount Connection	69.3 %	Pass
Reinforcement Connection	5.3 %	Pass

Structure Rating – ***(Controlling Utilization of all Components)***	**69.3%**

Recommendation:

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

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

Attachments:

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


10/07/2021 07:06


10/07/2021 08:40

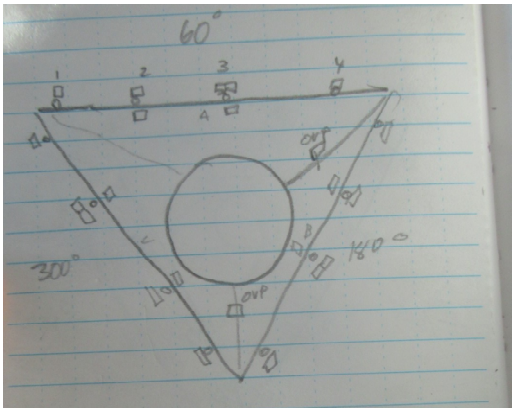

10/07/2021 08:40

V4.0 Updated on 3-31-2021

Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	ATC Sequoia	**Mapping Date:**	10/7/2021
Site Name:	CRANBURY CT	**Tower Type:**	Monopole
Site Number or ID:	16244165	**Tower Height (Ft.):**	129
Mapping Contractor:	Structural Components	**Mount Elevation (Ft.):**	128.5

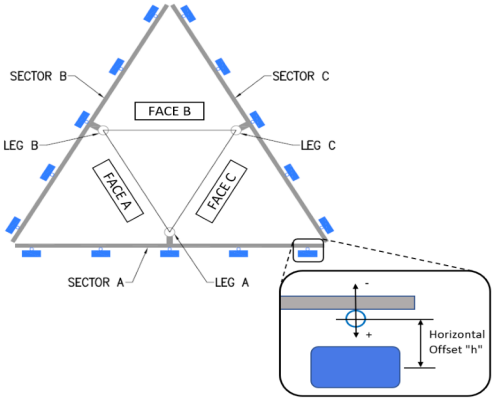


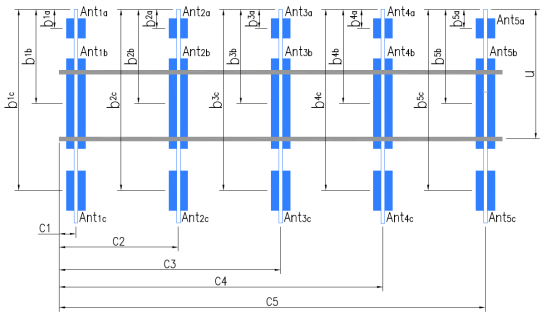
Mount Pipe Configuration and Geometries [Unit = Inches]

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	2.375 x .154 x 84	61.00	9.50	C1	2.375 x .154 x 84	61.00	9.50
A2	2.375 x .154 x 84	60.50	55.50	C2	2.375 x .154 x 84	60.50	55.50
A3	2.375 x .154 x 80.5	61.00	102.50	C3	2.375 x .154 x 80.5	61.00	102.50
A4	2.375 x .154 x 84	60.50	150.50	C4	2.375 x .154 x 102	60.50	150.50
A5				C5			
A6				C6			
B1	2.375 x .154 x 84	61.00	9.50	D1			
B2	2.375 x .154 x 84	60.50	55.50	D2			
B3	2.375 x .154 x 80.5	61.00	102.50	D3			
B4	2.375 x .154 x 84	60.50	150.50	D4			
B5				D5			
B6				D6			

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	0.00
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	28
Please enter additional infomation or comments below.	

Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	28
For T-Arms/Platforms on monopoles, report the weld size from the main standoff to the plate bolting into the collar mount.			0.375



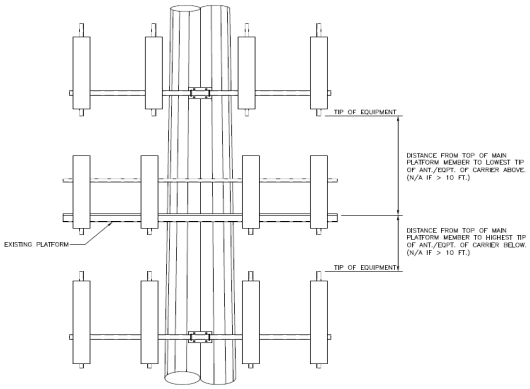


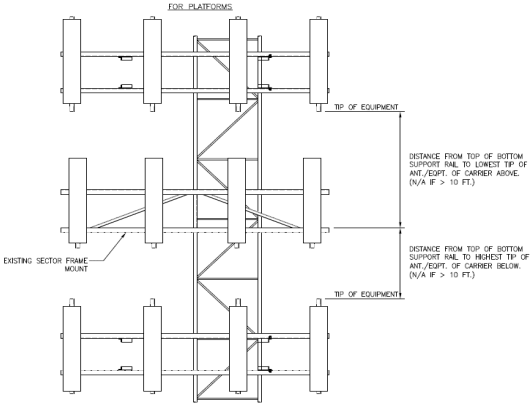
Antenna Layout (Looking Out From Tower)

Ants. Items	Enter antenna model. If not labeled, enter "Unknown". Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Mounting Locations [Units are inches and degrees] Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photos of antennas Photo Numbers
Sector A										
Ant_{1a}										
Ant_{1b}	RT4401-48A	8.00	5.50	14.00	jumpers	130.417	38.00	10.00	60.00	159
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	UNKNOWN MODEL	6.00	13.00	71.00	1 5/8	130.167	40.50	13.50	60.00	159
Ant_{2c}	RFV01U-D1A	16.00	12.00	15.00	jumpers	130.708	34.00	-8.50		159
Ant_{3a}										
Ant_{3b}	(2) RFA117QUI129459	12.00	9.00	71.00	jumpers	130.208	40.50	16.00	60.00	160
Ant_{3c}	RFV01U-D2A	16.00	10.00	15.50	jumpers	130.75	34.00	-8.50		160
Ant_{4a}										
Ant_{4b}	UNKNOWN MODEL	6.00	13.00	71.00	1 5/8	130.167	40.50	13.50	60.00	160
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

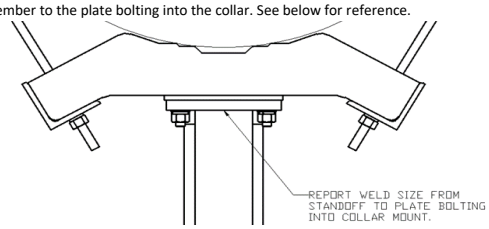
Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	30.00	Deg	Leg A:		Deg
Sector B:	150.00	Deg	Leg B:		Deg
Sector C:	270.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information		
Location:	130.00 Deg	N/A
Climbing Facility	Corrosion Type:	Good condition.
	Access:	Climbing path was obstructed.
	Condition:	Loose hardware.





For T-Arms/Platforms on monopoles, record the weld size from the main standoff member to the plate bolting into the collar. See below for reference.



Sector B										
Ant_{1a}										
Ant_{1b}	RT4401-48A	8.00	5.50	14.00	jumpers	130.417	38.00	10.00	180.00	161
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	UNKNOWN ANDREW	10.00	8.00	72.00	1 5/8	130.333	38.50	7.50	180.00	161
Ant_{2c}	RFV01U-D1A	16.00	12.00	15.00	jumpers	130.708	34.00	-8.50		161
Ant_{3a}										
Ant_{3b}	(2) RFA117QUI129459	12.00	9.00	71.00	jumpers	130.208	40.50	16.00	180.00	163
Ant_{3c}	RFV01U-D2A	16.00	10.00	15.50	jumpers	130.75	34.00	-8.50		163
Ant_{4a}										
Ant_{4b}	UNKNOWN ANDREW	10.00	8.00	72.00	1 5/8	130.333	38.50	7.50	180.00	163
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff	RC3BC-3315-pf-48	14.00	9.00	19.00	1 1/2" hyl	132				161
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}										
Ant_{1b}	RT4401-48A	8.00	5.50	14.00	jumpers	130.417	38.00	10.00	300.00	164
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	UNKNOWN ANDREW	10.00	8.00	72.00	1 5/8	130.333	38.50	7.50	300.00	164
Ant_{2c}	RFV01U-D1A	16.00	12.00	15.00	jumpers	130.708	34.00	-8.50		164
Ant_{3a}										
Ant_{3b}	(2) RFA117QUI129459	12.00	9.00	71.00	jumpers	130.208	40.50	16.00	300.00	165
Ant_{3c}	RFV01U-D2A	16.00	10.00	15.50	jumpers	130.75	34.00	-8.50		165
Ant_{4a}										
Ant_{4b}	UNKNOWN ANDREW	10.00	8.00	72.00	1 5/8	130.333	38.50	7.50	300.00	165
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff	RC3BC-3315-pf-48	14.00	9.00	19.00	1 1/2" hyl	132				164
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #
1		
2		
3		
4		
5		
6		
7		
8		

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

Mapping Notes
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.

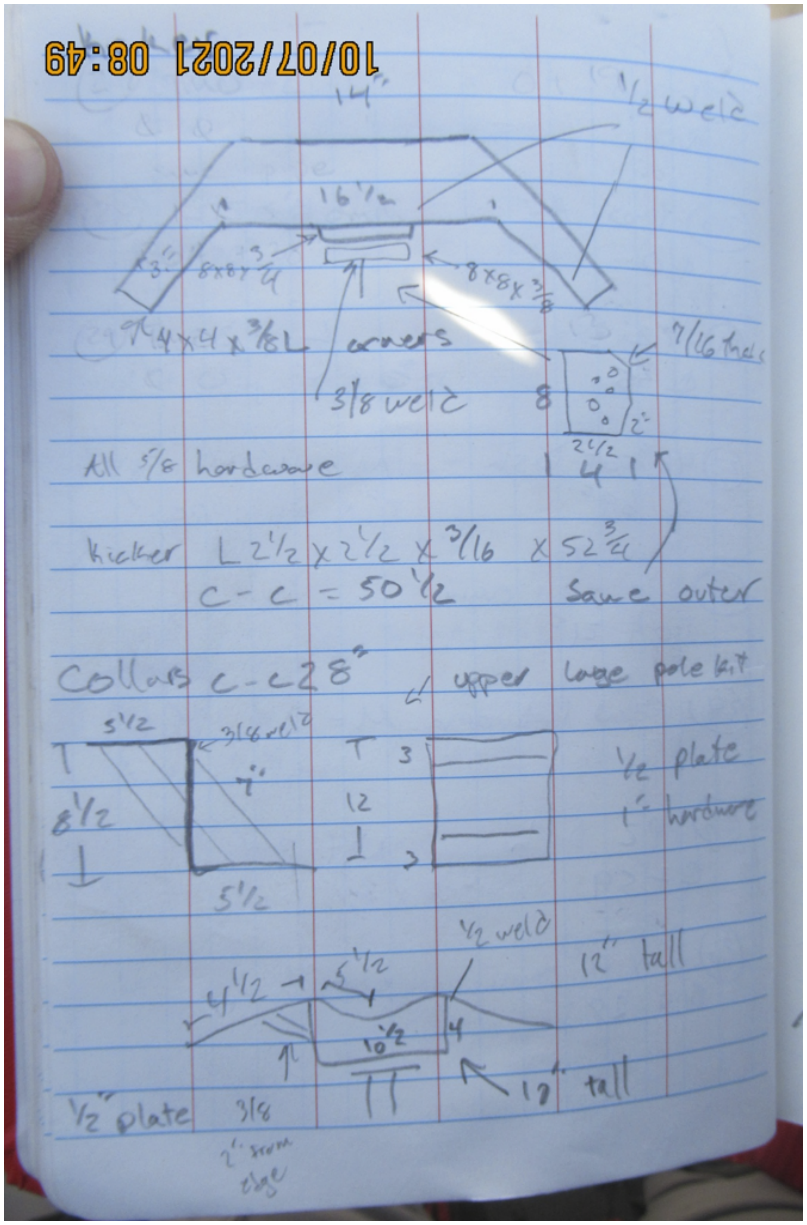
V4.0 Updated on 3-31-2021

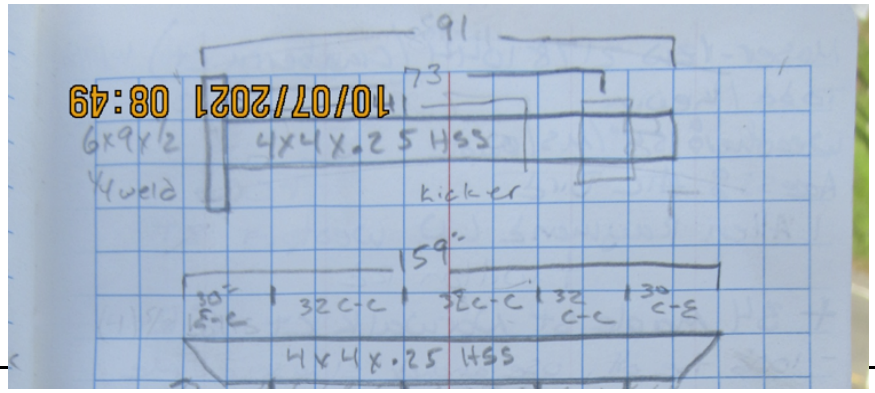
Antenna Mount Mapping Form (PATENT PENDING)

FCC #

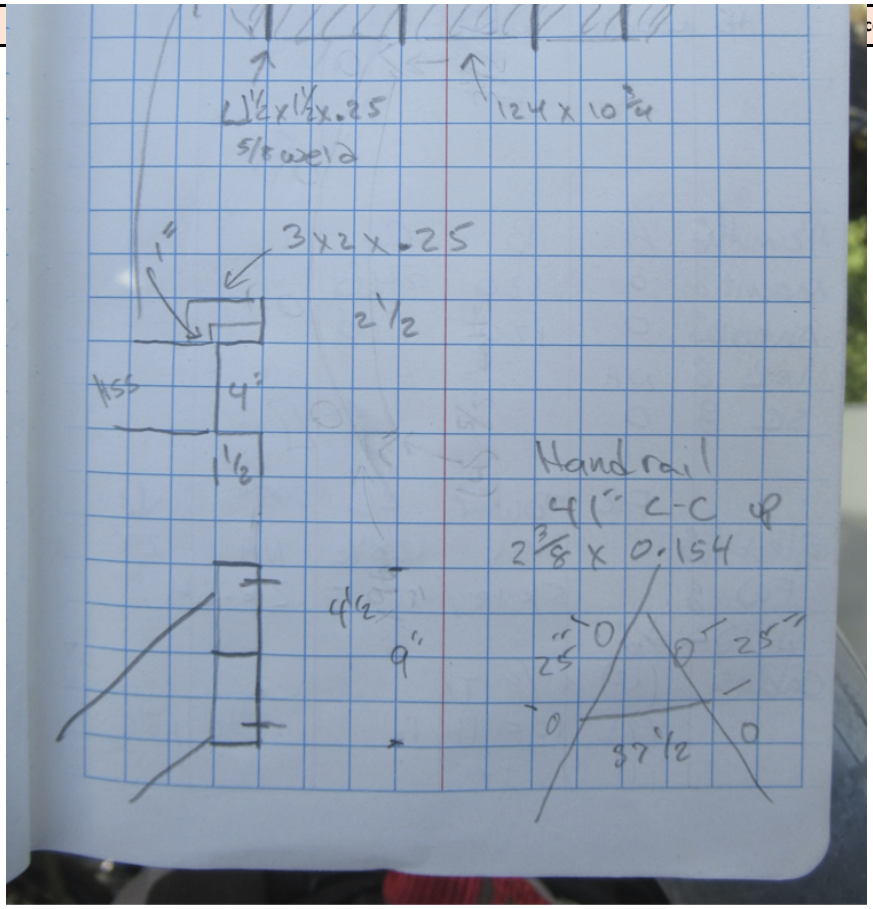
Tower Owner:	ATC Sequoia	**Mapping Date:**	10/7/2021
Site Name:	CRANBURY CT	**Tower Type:**	Monopole
Site Number or ID:	16244165	**Tower Height (Ft.):**	129
Mapping Contractor:	Structural Components	**Mount Elevation (Ft.):**	128.5

Please Insert Sketches of the Antenna Mount





cont'd


2 1/2 x 1 1/2 x .25
5/16 weld
124 x 10 3/4
3 x 2 x .25
1"
2 1/2
4"
1 1/2
Handrail
41" c-c @
2 3/8 x 0.154
4 1/2
9"
25"
0
0
25"
0
37 1/2
0

V4.0 Updated on 3-31-2021

Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	ATC Sequoia	**Mapping Date:**	10/7/2021
Site Name:	CRANBURY CT	**Tower Type:**	Monopole
Site Number or ID:	16244165	**Tower Height (Ft.):**	129
Mapping Contractor:	Structural Components	**Mount Elevation (Ft.):**	128.5

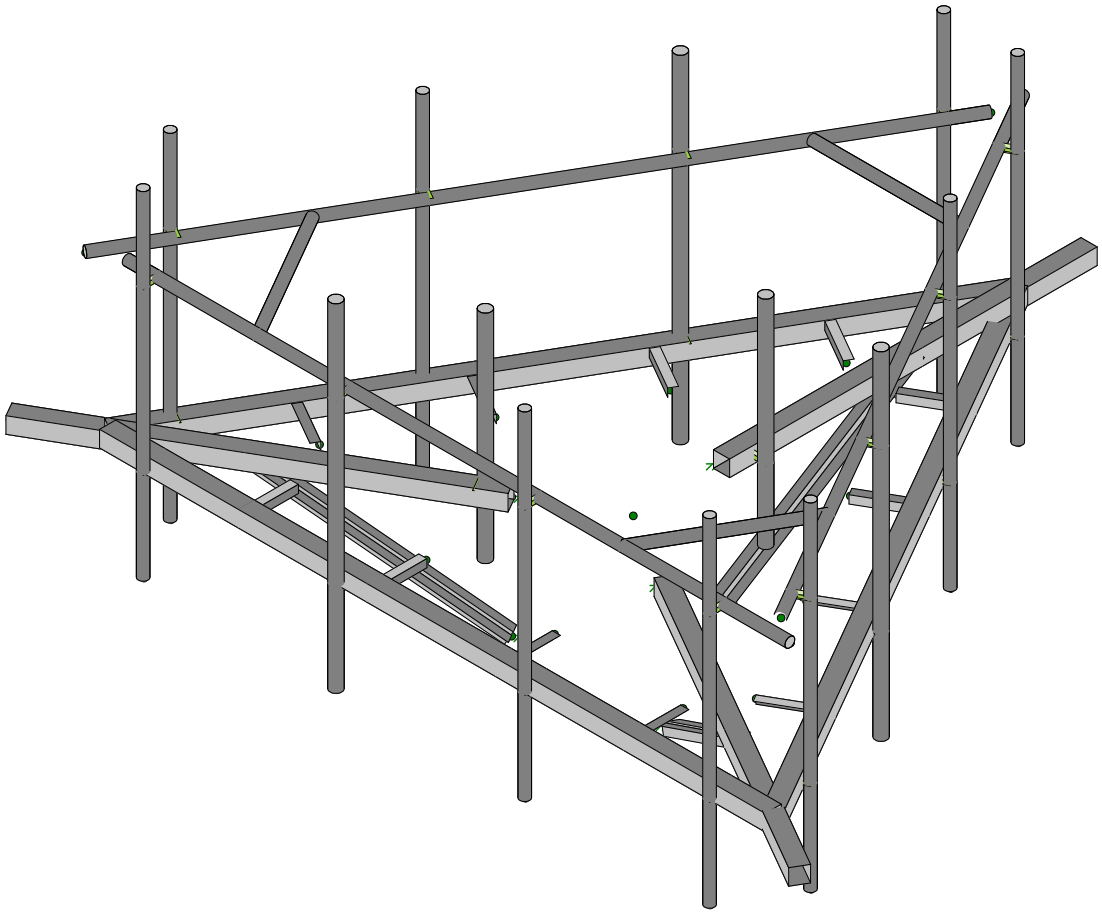
Please enter information about transmission lines.

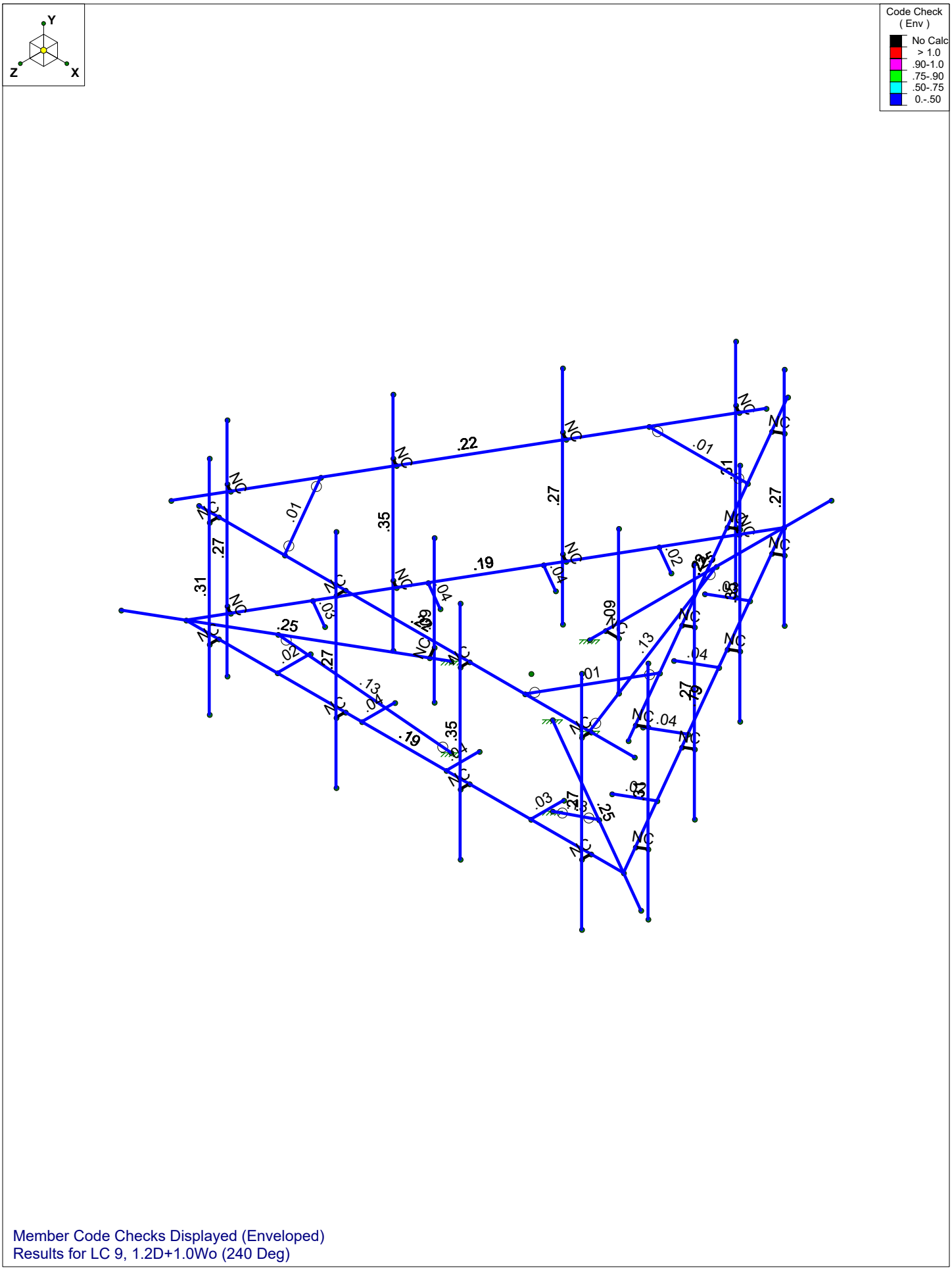
Transmission Line Type (Pick from List)	Quantity	Diameter/Size (in.) Please add a description if using type "Other".	Located on Tower Face	Photo #	Additional Comments
All Sectors					
Coax	12	1 5/8	Inside tower	7-11	
Hybrid	2	1 1/2	Inside tower	7-11	

Please enter information about additional RF equipment.

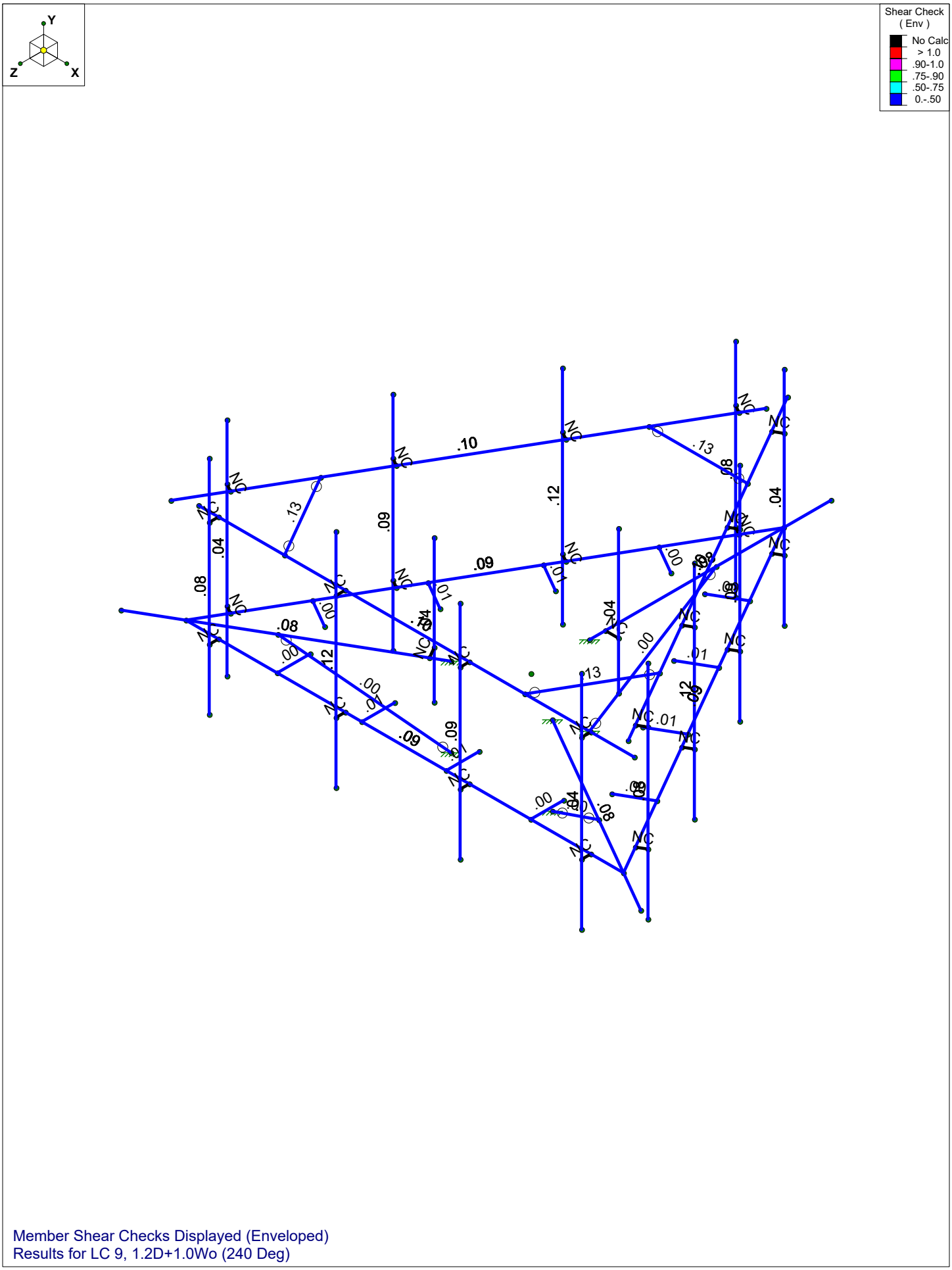
Equipment Type (Pick from List)	Quantity	Model Numbers if Known	Width (in.)	Depth (in.)	Height (in.)	Location	Photo #	Additional Comments
Sector A								
Sector B								
Sector C								

Equipment Type (Pick from List)	Quantity	Model Numbers if Known	Width (in.)	Depth (in.)	Height (in.)	Location	Photo #	Additional Comments
Sector D								
Ground Equipment								


Y
Z
X



Member Code Checks Displayed (Enveloped)
Results for LC 9, 1.2D+1.0Wo (240 Deg)



Member Shear Checks Displayed (Enveloped)
Results for LC 9, 1.2D+1.0Wo (240 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					138			
2	Antenna Di	None					138			
3	Antenna Wo (0 Deg)	None					138			
4	Antenna Wo (30 Deg)	None					138			
5	Antenna Wo (60 Deg)	None					138			
6	Antenna Wo (90 Deg)	None					138			
7	Antenna Wo (120 Deg)	None					138			
8	Antenna Wo (150 Deg)	None					138			
9	Antenna Wo (180 Deg)	None					138			
10	Antenna Wo (210 Deg)	None					138			
11	Antenna Wo (240 Deg)	None					138			
12	Antenna Wo (270 Deg)	None					138			
13	Antenna Wo (300 Deg)	None					138			
14	Antenna Wo (330 Deg)	None					138			
15	Antenna Wi (0 Deg)	None					138			
16	Antenna Wi (30 Deg)	None					138			
17	Antenna Wi (60 Deg)	None					138			
18	Antenna Wi (90 Deg)	None					138			
19	Antenna Wi (120 Deg)	None					138			
20	Antenna Wi (150 Deg)	None					138			
21	Antenna Wi (180 Deg)	None					138			
22	Antenna Wi (210 Deg)	None					138			
23	Antenna Wi (240 Deg)	None					138			
24	Antenna Wi (270 Deg)	None					138			
25	Antenna Wi (300 Deg)	None					138			
26	Antenna Wi (330 Deg)	None					138			
27	Antenna Wm (0 Deg)	None					138			
28	Antenna Wm (30 Deg)	None					138			
29	Antenna Wm (60 Deg)	None					138			
30	Antenna Wm (90 Deg)	None					138			
31	Antenna Wm (120 Deg)	None					138			
32	Antenna Wm (150 Deg)	None					138			
33	Antenna Wm (180 Deg)	None					138			
34	Antenna Wm (210 Deg)	None					138			
35	Antenna Wm (240 Deg)	None					138			
36	Antenna Wm (270 Deg)	None					138			
37	Antenna Wm (300 Deg)	None					138			
38	Antenna Wm (330 Deg)	None					138			
39	Structure D	None		-1					3	
40	Structure Di	None						41	3	
41	Structure Wo (0 Deg)	None						82		
42	Structure Wo (30 Deg)	None						82		
43	Structure Wo (60 Deg)	None						82		
44	Structure Wo (90 Deg)	None						82		
45	Structure Wo (120 Deg)	None						82		
46	Structure Wo (150 Deg)	None						82		
47	Structure Wo (180 Deg)	None						82		
48	Structure Wo (210 Deg)	None						82		
49	Structure Wo (240 Deg)	None						82		
50	Structure Wo (270 Deg)	None						82		
51	Structure Wo (300 Deg)	None						82		
52	Structure Wo (330 Deg)	None						82		
53	Structure Wi (0 Deg)	None						82		
54	Structure Wi (30 Deg)	None						82		
55	Structure Wi (60 Deg)	None						82		
56	Structure Wi (90 Deg)	None						82		

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						82		
58	Structure Wi (150 Deg)	None						82		
59	Structure Wi (180 Deg)	None						82		
60	Structure Wi (210 Deg)	None						82		
61	Structure Wi (240 Deg)	None						82		
62	Structure Wi (270 Deg)	None						82		
63	Structure Wi (300 Deg)	None						82		
64	Structure Wi (330 Deg)	None						82		
65	Structure Wm (0 Deg)	None						82		
66	Structure Wm (30 Deg)	None						82		
67	Structure Wm (60 Deg)	None						82		
68	Structure Wm (90 Deg)	None						82		
69	Structure Wm (120 Deg)	None						82		
70	Structure Wm (150 Deg)	None						82		
71	Structure Wm (180 Deg)	None						82		
72	Structure Wm (210 Deg)	None						82		
73	Structure Wm (240 Deg)	None						82		
74	Structure Wm (270 Deg)	None						82		
75	Structure Wm (300 Deg)	None						82		
76	Structure Wm (330 Deg)	None						82		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					138			
82	Antenna Eh (0 Deg)	None					92			
83	Antenna Eh (90 Deg)	None					92			
84	Structure Ev	ELY								
85	Structure Eh (0 Deg)	ELZ	-.03							
86	Structure Eh (90 Deg)	ELX			.03					
87	BLC 39 Transient Area Loads	None						33		
88	BLC 40 Transient Area Loads	None						33		

Load Combinations

	Description	S...	PDel...	SRSS	B...	Fa...	B...	Fa...	BLC	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								

Load Combinations (Continued)

	Description	S...	PDel...	SRSS	B...	Fa...	B...	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
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										
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	1.2D + 1.0Ev + 1.0Eh (0 Deg)	Y...	Y		1	1.2	39	1.2	81	1	E...	1	82	1	83		E...	1	E...					
53	1.2D + 1.0Ev + 1.0Eh (30 Deg)	Y...	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	.5	E...	.866	E...	.5				
54	1.2D + 1.0Ev + 1.0Eh (60 Deg)	Y...	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	.866	E...	.5	E...	.866				
55	1.2D + 1.0Ev + 1.0Eh (90 Deg)	Y...	Y		1	1.2	39	1.2	81	1	E...	1	82		83	1	E...		E...	1				
56	1.2D + 1.0Ev + 1.0Eh (120 Deg)	Y...	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	.866	E...	-.5	E...	.866				
57	1.2D + 1.0Ev + 1.0Eh (150 Deg)	Y...	Y		1	1.2	39	1.2	81	1	E...	1	82	-.8...	83	.5	E...	-.8...	E...	.5				
58	1.2D + 1.0Ev + 1.0Eh (180 Deg)	Y...	Y		1	1.2	39	1.2	81	1	E...	1	82	-1	83		E...	-1	E...					
59	1.2D + 1.0Ev + 1.0Eh (210 Deg)	Y...	Y		1	1.2	39	1.2	81	1	E...	1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				
60	1.2D + 1.0Ev + 1.0Eh (240 Deg)	Y...	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
61	1.2D + 1.0Ev + 1.0Eh (270 Deg)	Y...	Y		1	1.2	39	1.2	81	1	E...	1	82		83	-1	E...		E...	-1				
62	1.2D + 1.0Ev + 1.0Eh (300 Deg)	Y...	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	-.8...	E...	.5	E...	-.8...				
63	1.2D + 1.0Ev + 1.0Eh (330 Deg)	Y...	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	-.5	E...	.866	E...	-.5				
64	0.9D - 1.0Ev + 1.0Eh (0 Deg)	Y...	Y		1	.9	39	.9	81	-1	E...	-1	82	1	83		E...	1	E...					
65	0.9D - 1.0Ev + 1.0Eh (30 Deg)	Y...	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	.5	E...	.866	E...	.5				
66	0.9D - 1.0Ev + 1.0Eh (60 Deg)	Y...	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	.866	E...	.5	E...	.866				
67	0.9D - 1.0Ev + 1.0Eh (90 Deg)	Y...	Y		1	.9	39	.9	81	-1	E...	-1	82		83	1	E...		E...	1				
68	0.9D - 1.0Ev + 1.0Eh (120 Deg)	Y...	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	.866	E...	-.5	E...	.866				
69	0.9D - 1.0Ev + 1.0Eh (150 Deg)	Y...	Y		1	.9	39	.9	81	-1	E...	-1	82	-.8...	83	.5	E...	-.8...	E...	.5				
70	0.9D - 1.0Ev + 1.0Eh (180 Deg)	Y...	Y		1	.9	39	.9	81	-1	E...	-1	82	-1	83		E...	-1	E...					
71	0.9D - 1.0Ev + 1.0Eh (210 Deg)	Y...	Y		1	.9	39	.9	81	-1	E...	-1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				
72	0.9D - 1.0Ev + 1.0Eh (240 Deg)	Y...	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
73	0.9D - 1.0Ev + 1.0Eh (270 Deg)	Y...	Y		1	.9	39	.9	81	-1	E...	-1	82		83	-1	E...		E...	-1				
74	0.9D - 1.0Ev + 1.0Eh (300 Deg)	Y...	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	-.8...	E...	.5	E...	-.8...				
75	0.9D - 1.0Ev + 1.0Eh (330 Deg)	Y...	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	-.5	E...	.866	E...	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N3	6.904033	0	3.986045	0	
2	N4	-6.904033	0	3.986045	0	
3	N5	3.977671	0	2.944379	0	
4	N6	3.977671	0	3.986045	0	
5	N7	1.311004	0	2.944379	0	
6	N8	1.311004	0	3.986045	0	
7	N9	-1.355662	0	2.944379	0	
8	N10	-1.355662	0	3.986045	0	
9	N11	-4.022329	0	2.944379	0	
10	N12	-4.022329	0	3.986045	0	
11	N13	5.874979	0	4.277712	0	
12	N14	5.874979	0	3.986045	0	
13	CENTER	0	0	0	0	
14	N25	-0.	0	-7.972091	0	
15	N26	-4.538742	0	1.972575	0	
16	N27	-5.440852	0	1.451741	0	
17	N28	-3.205409	0	-0.336826	0	
18	N29	-4.107519	0	-0.85766	0	
19	N30	-1.872076	0	-2.646227	0	
20	N31	-2.774185	0	-3.167061	0	
21	N32	-0.538742	0	-4.955629	0	
22	N33	-1.440852	0	-5.476462	0	
23	N43	-0.	0	-1.847091	0	
24	N44	-0.	0	-9.472091	0	
25	N47	0.561071	0	-4.916953	0	
26	N48	1.463181	0	-5.437787	0	
27	N49	1.894405	0	-2.607552	0	
28	N50	2.796514	0	-3.128386	0	
29	N51	3.227738	0	-0.298151	0	
30	N52	4.129848	0	-0.818985	0	
31	N53	4.561071	0	2.01125	0	
32	N54	5.463181	0	1.490416	0	
33	N59A	7.25	3.333333	3.986045	0	
34	N60A	-6.5	3.333333	3.986045	0	
35	N63	5.874979	3.333333	4.277712	0	
36	N64	5.874979	3.333333	3.986045	0	
37	N71	5.874979	5.083333	4.277712	0	
38	N74	5.874979	-1.916667	4.277712	0	
39	N49A	2.041679	0	4.277712	0	
40	N50A	2.041679	0	3.986045	0	
41	N51A	2.041679	3.333333	4.277712	0	
42	N52A	2.041679	3.333333	3.986045	0	
43	N53A	2.041679	5.083333	4.277712	0	
44	N54A	2.041679	-1.916667	4.277712	0	
45	N55	-1.874987	0	4.277712	0	
46	N56	-1.874987	0	3.986045	0	
47	N57	-1.874987	3.333333	4.277712	0	
48	N58	-1.874987	3.333333	3.986045	0	
49	N59	-1.874987	5.083333	4.277712	0	
50	N60	-1.874987	-1.916667	4.277712	0	
51	N61	-5.874987	0	4.277712	0	
52	N62	-5.874987	0	3.986045	0	
53	N63A	-5.874987	3.333333	4.277712	0	
54	N64A	-5.874987	3.333333	3.986045	0	
55	N65	-5.874987	5.083333	4.277712	0	
56	N66	-5.874987	-1.916667	4.277712	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
57	N121A	3.79165	3.333333	3.986045	0	
58	N127A	-3.791654	3.333333	3.986045	0	
59	N130	1.599628	0	0.923545	0	
60	N131A	8.203071	0	4.736045	0	
61	N133A	-1.599628	0	0.923545	0	
62	N134A	-8.203071	0	4.736045	0	
63	N135	-0.	0	-2.347091	0	
64	N136	0.416667	0	-2.347091	0	
65	N137	0.416667	-1.5	-2.347091	0	
66	N138	0.416667	3	-2.347091	0	
67	N90	-7.077017	3.333333	4.285661	0	
68	N91	-0.202017	3.333333	-7.622188	0	
69	N93	-0.172983	3.333333	-8.271707	0	
70	N94	6.702017	3.333333	3.636142	0	
71	N89	-6.642097	0	2.949025	0	
72	N90A	-6.389506	0	3.094859	0	
73	N92	-6.642097	3.333333	2.949025	0	
74	N93A	-6.389506	3.333333	3.094859	0	
75	N94A	-6.642097	5.083333	2.949025	0	
76	N95	-6.642097	-1.916667	2.949025	0	
77	N96	-4.725447	0	-0.37071	0	
78	N97	-4.472856	0	-0.224877	0	
79	N98	-4.725447	3.333333	-0.37071	0	
80	N99	-4.472856	3.333333	-0.224877	0	
81	N100	-4.725447	5.083333	-0.37071	0	
82	N101	-4.725447	-1.916667	-0.37071	0	
83	N102	-2.767114	0	-3.762643	0	
84	N103	-2.514523	0	-3.616809	0	
85	N104	-2.767114	3.333333	-3.762643	0	
86	N105	-2.514523	3.333333	-3.616809	0	
87	N106	-2.767114	5.083333	-3.762643	0	
88	N107	-2.767114	-1.916667	-3.762643	0	
89	N108	-0.767114	0	-7.226744	0	
90	N109	-0.514523	0	-7.080911	0	
91	N110	-0.767114	3.333333	-7.226744	0	
92	N111	-0.514523	3.333333	-7.080911	0	
93	N112	-0.767114	5.083333	-7.226744	0	
94	N113	-0.767114	-1.916667	-7.226744	0	
95	N114	0.767118	0	-7.226737	0	
96	N115	0.514527	0	-7.080904	0	
97	N117	0.767118	3.333333	-7.226737	0	
98	N118	0.514527	3.333333	-7.080904	0	
99	N119	0.767118	5.083333	-7.226737	0	
100	N120	0.767118	-1.916667	-7.226737	0	
101	N121	2.683768	0	-3.907002	0	
102	N122	2.431177	0	-3.761169	0	
103	N123	2.683768	3.333333	-3.907002	0	
104	N124	2.431177	3.333333	-3.761169	0	
105	N125A	2.683768	5.083333	-3.907002	0	
106	N126B	2.683768	-1.916667	-3.907002	0	
107	N127B	4.642101	0	-0.515069	0	
108	N128A	4.38951	0	-0.369236	0	
109	N129A	4.642101	3.333333	-0.515069	0	
110	N130B	4.38951	3.333333	-0.369236	0	
111	N131C	4.642101	5.083333	-0.515069	0	
112	N132B	4.642101	-1.916667	-0.515069	0	
113	N133C	6.642101	0	2.949032	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
114	N134B	6.38951	0	3.094866	0	
115	N135A	6.642101	3.333333	2.949032	0	
116	N136A	6.38951	3.333333	3.094866	0	
117	N137A	6.642101	5.083333	2.949032	0	
118	N138A	6.642101	-1.916667	2.949032	0	
119	N137B	-0.	0	-5.847091	0	
120	N138B	-0.	-2.5	-1.847091	0	
121	N139	1.599628	-2.5	0.923545	0	
122	N140	-1.599628	-2.5	0.923545	0	
123	N142	5.063729	0	2.923545	0	
124	N144	-5.063729	0	2.923545	0	
125	N136B	-2.03264	0	1.173545	0	
126	N137C	-2.240974	0	0.812702	0	
127	N138C	-2.240974	-1.5	0.812701	0	
128	N139A	-2.240974	3	0.812701	0	
129	N130A	-5.347842	3.333333	1.290643	0	
130	N131	-1.55619	3.333333	-5.276692	0	
131	N133	1.556192	3.333333	-5.276688	0	
132	N134	5.347844	3.333333	1.290646	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design Rules	A [in...	Iyy [i...	Izz [i...	J [in4]
1	Standoff Arm	HSS4X4X4	None	None	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
2	Face Horizontal	HSS4X4X4	None	None	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
3	Grating Support	L2x2x4	None	None	A36 Gr.36	Typical	.944	.346	.346	.021
4	Support Rail	PIPE_2.0	None	None	A53 Gr.B	Typical	1.02	.627	.627	1.25
5	Support Rail Corner	PIPE_2.0	None	None	A53 Gr.B	Typical	1.02	.627	.627	1.25
6	Pipe Mount (P2 STD)	PIPE_2.0	None	None	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Kicker Kit	LL2.5x2.5x3/16x1/2	None	None	A36 Gr.36	Typical	1.805	2.703	1.093	.02
8	OVP Pipe	PIPE_2.5	None	None	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
9	Pipe Mount (P2.5 STD)	PIPE_2.5	None	None	A53 Gr.B	Typical	1.61	1.45	1.45	2.89

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1E5 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	A572 Gr.50	29000	11154	.3	.65	.49	50	1.1	65	1.1
4	A500 Gr.B RND	29000	11154	.3	.65	.527	42	1.4	58	1.3
5	A500 Gr.B Rect	29000	11154	.3	.65	.527	46	1.4	58	1.3
6	A53 Gr.B	29000	11154	.3	.65	.49	35	1.6	60	1.2
7	A1085	29000	11154	.3	.65	.49	50	1.4	65	1.3

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Rul...
1	M2	N3	N4			Face Horizontal	None	None	A500 Gr...	Typical
2	M3	N5	N6		180	Grating Support	None	None	A36 Gr.36	Typical
3	M4	N7	N8		180	Grating Support	None	None	A36 Gr.36	Typical
4	M5	N9	N10		90	Grating Support	None	None	A36 Gr.36	Typical
5	M6	N11	N12		90	Grating Support	None	None	A36 Gr.36	Typical
6	M7	N13	N14			RIGID	None	None	RIGID	Typical
7	M12	N4	N25			Face Horizontal	None	None	A500 Gr...	Typical
8	M13	N26	N27		180	Grating Support	None	None	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Rul...
9	M14	N28	N29		180	Grating Support	None	None	A36 Gr.36	Typical
10	M15	N30	N31		90	Grating Support	None	None	A36 Gr.36	Typical
11	M16	N32	N33		90	Grating Support	None	None	A36 Gr.36	Typical
12	M21	N43	N44			Standoff Arm	None	None	A500 Gr...	Typical
13	M22	N25	N3			Face Horizontal	None	None	A500 Gr...	Typical
14	M23	N47	N48		180	Grating Support	None	None	A36 Gr.36	Typical
15	M24	N49	N50		180	Grating Support	None	None	A36 Gr.36	Typical
16	M25	N51	N52		90	Grating Support	None	None	A36 Gr.36	Typical
17	M26	N53	N54		90	Grating Support	None	None	A36 Gr.36	Typical
18	M27	N49A	N50A			RIGID	None	None	RIGID	Typical
19	M28	N51A	N52A			RIGID	None	None	RIGID	Typical
20	M30	N55	N56			RIGID	None	None	RIGID	Typical
21	M31	N59A	N60A			Support Rail	None	None	A53 Gr.B	Typical
22	M31A	N57	N58			RIGID	None	None	RIGID	Typical
23	M33	N63	N64			RIGID	None	None	RIGID	Typical
24	M33A	N61	N62			RIGID	None	None	RIGID	Typical
25	M34	N63A	N64A			RIGID	None	None	RIGID	Typical
26	M41	N90	N91			Support Rail	None	None	A53 Gr.B	Typical
27	M51	N93	N94			Support Rail	None	None	A53 Gr.B	Typical
28	M53	N89	N90A			RIGID	None	None	RIGID	Typical
29	M54	N96	N97			RIGID	None	None	RIGID	Typical
30	M55	N98	N99			RIGID	None	None	RIGID	Typical
31	M56	N102	N103			RIGID	None	None	RIGID	Typical
32	M57	N104	N105			RIGID	None	None	RIGID	Typical
33	M58	N92	N93A			RIGID	None	None	RIGID	Typical
34	M59	N108	N109			RIGID	None	None	RIGID	Typical
35	M60	N110	N111			RIGID	None	None	RIGID	Typical
36	M65	N130A	N127A			Support Rail Corner	None	None	A53 Gr.B	Typical
37	M65A	N114	N115			RIGID	None	None	RIGID	Typical
38	M66	N134	N121A			Support Rail Corner	None	None	A53 Gr.B	Typical
39	M66A	N121	N122			RIGID	None	None	RIGID	Typical
40	M67	N133	N131			Support Rail Corner	None	None	A53 Gr.B	Typical
41	M67A	N123	N124			RIGID	None	None	RIGID	Typical
42	M68A	N127B	N128A			RIGID	None	None	RIGID	Typical
43	M69A	N130	N131A			Standoff Arm	None	None	A500 Gr...	Typical
44	M69C	N129A	N130B			RIGID	None	None	RIGID	Typical
45	M70A	N133A	N134A			Standoff Arm	None	None	A500 Gr...	Typical
46	M70B	N117	N118			RIGID	None	None	RIGID	Typical
47	M71	N136	N135			RIGID	None	None	RIGID	Typical
48	M71A	N133C	N134B			RIGID	None	None	RIGID	Typical
49	M72	N135A	N136A			RIGID	None	None	RIGID	Typical
50	M72A	N137C	N136B			RIGID	None	None	RIGID	Typical
51	M73	N140	N144			Kicker Kit	None	None	A36 Gr.36	Typical
52	M74	N139	N142			Kicker Kit	None	None	A36 Gr.36	Typical
53	M75	N138B	N137B			Kicker Kit	None	None	A36 Gr.36	Typical
54	MP1A	N71	N74			Pipe Mount (P2 STD)	None	None	A53 Gr.B	Typical
55	MP1B	N94A	N95			Pipe Mount (P2 STD)	None	None	A53 Gr.B	Typical
56	MP1C	N119	N120			Pipe Mount (P2 STD)	None	None	A53 Gr.B	Typical
57	MP2A	N53A	N54A			Pipe Mount (P2 STD)	None	None	A53 Gr.B	Typical
58	MP2B	N100	N101			Pipe Mount (P2 STD)	None	None	A53 Gr.B	Typical
59	MP2C	N125A	N126B			Pipe Mount (P2 STD)	None	None	A53 Gr.B	Typical
60	MP3A	N59	N60			Pipe Mount (P2.5 STD)	None	None	A53 Gr.B	Typical
61	MP3B	N106	N107			Pipe Mount (P2.5 STD)	None	None	A53 Gr.B	Typical
62	MP3C	N131C	N132B			Pipe Mount (P2.5 STD)	None	None	A53 Gr.B	Typical
63	MP4A	N65	N66			Pipe Mount (P2 STD)	None	None	A53 Gr.B	Typical
64	MP4B	N112	N113			Pipe Mount (P2 STD)	None	None	A53 Gr.B	Typical
65	MP4C	N137A	N138A			Pipe Mount (P2 STD)	None	None	A53 Gr.B	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Rul...
66	OVPB	N139A	N138C			OVP Pipe	None	None	A53 Gr.B	Typical
67	OVPC	N138	N137			OVP Pipe	None	None	A53 Gr.B	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Ratio Opti...	Analysis Offs...	Inactive	Seismi...
1	M2						Yes	** NA **			None
2	M3						Yes	** NA **			None
3	M4						Yes	** NA **			None
4	M5						Yes	** NA **			None
5	M6						Yes	** NA **			None
6	M7						Yes	** NA **			None
7	M12						Yes	** NA **			None
8	M13						Yes	** NA **			None
9	M14						Yes	** NA **			None
10	M15						Yes	** NA **			None
11	M16						Yes	** NA **			None
12	M21						Yes	** NA **			None
13	M22						Yes	** NA **			None
14	M23						Yes	** NA **			None
15	M24						Yes	** NA **			None
16	M25						Yes	** NA **			None
17	M26						Yes	** NA **			None
18	M27						Yes	** NA **			None
19	M28						Yes	** NA **			None
20	M30						Yes	** NA **			None
21	M31						Yes	** NA **			None
22	M31A						Yes	** NA **			None
23	M33						Yes	** NA **			None
24	M33A						Yes	** NA **			None
25	M34						Yes	** NA **			None
26	M41						Yes	** NA **			None
27	M51						Yes	** NA **			None
28	M53						Yes	** NA **			None
29	M54						Yes	** NA **			None
30	M55						Yes	** NA **			None
31	M56						Yes	** NA **			None
32	M57						Yes	** NA **			None
33	M58						Yes	** NA **			None
34	M59						Yes	** NA **			None
35	M60						Yes	** NA **			None
36	M65	BenPIN	BenPIN				Yes	** NA **			None
37	M65A						Yes	** NA **			None
38	M66	BenPIN	BenPIN				Yes	** NA **			None
39	M66A						Yes	** NA **			None
40	M67	BenPIN	BenPIN				Yes	** NA **			None
41	M67A						Yes	** NA **			None
42	M68A						Yes	** NA **			None
43	M69A						Yes	** NA **			None
44	M69C						Yes	** NA **			None
45	M70A						Yes	** NA **			None
46	M70B						Yes	** NA **			None
47	M71						Yes	** NA **			None
48	M71A						Yes	** NA **			None
49	M72						Yes	** NA **			None
50	M72A						Yes	** NA **			None

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...
51	M73	BenPIN	BenPIN				Yes	** NA **			None
52	M74	BenPIN	BenPIN				Yes	** NA **			None
53	M75	BenPIN	BenPIN				Yes	** NA **			None
54	MP1A						Yes	** NA **			None
55	MP1B						Yes	** NA **			None
56	MP1C						Yes	** NA **			None
57	MP2A						Yes	** NA **			None
58	MP2B						Yes	** NA **			None
59	MP2C						Yes	** NA **			None
60	MP3A						Yes	** NA **			None
61	MP3B						Yes	** NA **			None
62	MP3C						Yes	** NA **			None
63	MP4A						Yes	** NA **			None
64	MP4B						Yes	** NA **			None
65	MP4C						Yes	** NA **			None
66	OVPB						Yes	** NA **			None
67	OVPC						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Y	-43.55	2.62
2	MP4A	My	-.044	2.62
3	MP4A	Mz	0	2.62
4	MP4A	Y	-43.55	4.55
5	MP4A	My	-.044	4.55
6	MP4A	Mz	0	4.55
7	MP4B	Y	-43.55	2.62
8	MP4B	My	.022	2.62
9	MP4B	Mz	-.038	2.62
10	MP4B	Y	-43.55	4.55
11	MP4B	My	.022	4.55
12	MP4B	Mz	-.038	4.55
13	MP4C	Y	-43.55	2.62
14	MP4C	My	.022	2.62
15	MP4C	Mz	.038	2.62
16	MP4C	Y	-43.55	4.55
17	MP4C	My	.022	4.55
18	MP4C	Mz	.038	4.55
19	MP3A	Y	-26.45	.88
20	MP3A	My	.022	.88
21	MP3A	Mz	0	.88
22	MP3A	Y	-26.45	.88
23	MP3A	My	.022	.88
24	MP3A	Mz	0	.88
25	MP3B	Y	-26.45	.88
26	MP3B	My	-.011	.88
27	MP3B	Mz	.019	.88
28	MP3B	Y	-26.45	.88
29	MP3B	My	-.011	.88
30	MP3B	Mz	.019	.88
31	MP3C	Y	-26.45	.88
32	MP3C	My	-.011	.88
33	MP3C	Mz	-.019	.88
34	MP3C	Y	-26.45	.88
35	MP3C	My	-.011	.88

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP3C	Mz	-.019	.88
37	MP3A	Y	-32.5	1.33
38	MP3A	My	-.033	1.33
39	MP3A	Mz	.019	1.33
40	MP3A	Y	-32.5	5.83
41	MP3A	My	-.033	5.83
42	MP3A	Mz	.019	5.83
43	MP3B	Y	-32.5	1.33
44	MP3B	My	-.000168	1.33
45	MP3B	Mz	-.038	1.33
46	MP3B	Y	-32.5	5.83
47	MP3B	My	-.000168	5.83
48	MP3B	Mz	-.038	5.83
49	MP3C	Y	-32.5	1.33
50	MP3C	My	.033	1.33
51	MP3C	Mz	.019	1.33
52	MP3C	Y	-32.5	5.83
53	MP3C	My	.033	5.83
54	MP3C	Mz	.019	5.83
55	MP3A	Y	-32.5	1.33
56	MP3A	My	-.033	1.33
57	MP3A	Mz	-.019	1.33
58	MP3A	Y	-32.5	5.83
59	MP3A	My	-.033	5.83
60	MP3A	Mz	-.019	5.83
61	MP3B	Y	-32.5	1.33
62	MP3B	My	.033	1.33
63	MP3B	Mz	-.019	1.33
64	MP3B	Y	-32.5	5.83
65	MP3B	My	.033	5.83
66	MP3B	Mz	-.019	5.83
67	MP3C	Y	-32.5	1.33
68	MP3C	My	-.000168	1.33
69	MP3C	Mz	.038	1.33
70	MP3C	Y	-32.5	5.83
71	MP3C	My	-.000168	5.83
72	MP3C	Mz	.038	5.83
73	MP1A	Y	-2.2	3.07
74	MP1A	My	-.001	3.07
75	MP1A	Mz	0	3.07
76	MP1A	Y	-2.2	4.1
77	MP1A	My	-.001	4.1
78	MP1A	Mz	0	4.1
79	MP1B	Y	-2.2	3.07
80	MP1B	My	.000733	3.07
81	MP1B	Mz	-.001	3.07
82	MP1B	Y	-2.2	4.1
83	MP1B	My	.000733	4.1
84	MP1B	Mz	-.001	4.1
85	MP1C	Y	-2.2	3.07
86	MP1C	My	.000733	3.07
87	MP1C	Mz	.001	3.07
88	MP1C	Y	-2.2	4.1
89	MP1C	My	.000733	4.1
90	MP1C	Mz	.001	4.1
91	MP2A	Y	-42.2	3.42
92	MP2A	My	.035	3.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	MP2A	Mz	0	3.42
94	MP2A	Y	-42.2	3.42
95	MP2A	My	.035	3.42
96	MP2A	Mz	0	3.42
97	MP2B	Y	-42.2	3.42
98	MP2B	My	-.018	3.42
99	MP2B	Mz	.03	3.42
100	MP2B	Y	-42.2	3.42
101	MP2B	My	-.018	3.42
102	MP2B	Mz	.03	3.42
103	MP2C	Y	-42.2	3.42
104	MP2C	My	-.018	3.42
105	MP2C	Mz	-.03	3.42
106	MP2C	Y	-42.2	3.42
107	MP2C	My	-.018	3.42
108	MP2C	Mz	-.03	3.42
109	MP3A	Y	-35.15	3.42
110	MP3A	My	.029	3.42
111	MP3A	Mz	0	3.42
112	MP3A	Y	-35.15	3.42
113	MP3A	My	.029	3.42
114	MP3A	Mz	0	3.42
115	MP3B	Y	-35.15	3.42
116	MP3B	My	-.015	3.42
117	MP3B	Mz	.025	3.42
118	MP3B	Y	-35.15	3.42
119	MP3B	My	-.015	3.42
120	MP3B	Mz	.025	3.42
121	MP3C	Y	-35.15	3.42
122	MP3C	My	-.015	3.42
123	MP3C	Mz	-.025	3.42
124	MP3C	Y	-35.15	3.42
125	MP3C	My	-.015	3.42
126	MP3C	Mz	-.025	3.42
127	OVPB	Y	-16	1.5
128	OVPB	My	.007	1.5
129	OVPB	Mz	-.012	1.5
130	OVPB	Y	-16	1.5
131	OVPB	My	.007	1.5
132	OVPB	Mz	-.012	1.5
133	OVPC	Y	-16	1.5
134	OVPC	My	0	1.5
135	OVPC	Mz	.013	1.5
136	OVPC	Y	-16	1.5
137	OVPC	My	0	1.5
138	OVPC	Mz	.013	1.5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Y	-35.31	2.62
2	MP4A	My	-.035	2.62
3	MP4A	Mz	0	2.62
4	MP4A	Y	-35.31	4.55
5	MP4A	My	-.035	4.55
6	MP4A	Mz	0	4.55
7	MP4B	Y	-35.31	2.62

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP4B	My	.018	2.62
9	MP4B	Mz	-.031	2.62
10	MP4B	Y	-35.31	4.55
11	MP4B	My	.018	4.55
12	MP4B	Mz	-.031	4.55
13	MP4C	Y	-35.31	2.62
14	MP4C	My	.018	2.62
15	MP4C	Mz	.031	2.62
16	MP4C	Y	-35.31	4.55
17	MP4C	My	.018	4.55
18	MP4C	Mz	.031	4.55
19	MP3A	Y	-18.527	.88
20	MP3A	My	.015	.88
21	MP3A	Mz	0	.88
22	MP3A	Y	-18.527	.88
23	MP3A	My	.015	.88
24	MP3A	Mz	0	.88
25	MP3B	Y	-18.527	.88
26	MP3B	My	-.008	.88
27	MP3B	Mz	.013	.88
28	MP3B	Y	-18.527	.88
29	MP3B	My	-.008	.88
30	MP3B	Mz	.013	.88
31	MP3C	Y	-18.527	.88
32	MP3C	My	-.008	.88
33	MP3C	Mz	-.013	.88
34	MP3C	Y	-18.527	.88
35	MP3C	My	-.008	.88
36	MP3C	Mz	-.013	.88
37	MP3A	Y	-68.342	1.33
38	MP3A	My	-.068	1.33
39	MP3A	Mz	.04	1.33
40	MP3A	Y	-68.342	5.83
41	MP3A	My	-.068	5.83
42	MP3A	Mz	.04	5.83
43	MP3B	Y	-68.342	1.33
44	MP3B	My	-.000354	1.33
45	MP3B	Mz	-.079	1.33
46	MP3B	Y	-68.342	5.83
47	MP3B	My	-.000354	5.83
48	MP3B	Mz	-.079	5.83
49	MP3C	Y	-68.342	1.33
50	MP3C	My	.069	1.33
51	MP3C	Mz	.039	1.33
52	MP3C	Y	-68.342	5.83
53	MP3C	My	.069	5.83
54	MP3C	Mz	.039	5.83
55	MP3A	Y	-68.342	1.33
56	MP3A	My	-.068	1.33
57	MP3A	Mz	-.04	1.33
58	MP3A	Y	-68.342	5.83
59	MP3A	My	-.068	5.83
60	MP3A	Mz	-.04	5.83
61	MP3B	Y	-68.342	1.33
62	MP3B	My	.069	1.33
63	MP3B	Mz	-.039	1.33
64	MP3B	Y	-68.342	5.83

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP3B	My	.069	5.83
66	MP3B	Mz	-.039	5.83
67	MP3C	Y	-68.342	1.33
68	MP3C	My	-.000354	1.33
69	MP3C	Mz	.079	1.33
70	MP3C	Y	-68.342	5.83
71	MP3C	My	-.000354	5.83
72	MP3C	Mz	.079	5.83
73	MP1A	Y	-6.66	3.07
74	MP1A	My	-.004	3.07
75	MP1A	Mz	0	3.07
76	MP1A	Y	-6.66	4.1
77	MP1A	My	-.004	4.1
78	MP1A	Mz	0	4.1
79	MP1B	Y	-6.66	3.07
80	MP1B	My	.002	3.07
81	MP1B	Mz	-.004	3.07
82	MP1B	Y	-6.66	4.1
83	MP1B	My	.002	4.1
84	MP1B	Mz	-.004	4.1
85	MP1C	Y	-6.66	3.07
86	MP1C	My	.002	3.07
87	MP1C	Mz	.004	3.07
88	MP1C	Y	-6.66	4.1
89	MP1C	My	.002	4.1
90	MP1C	Mz	.004	4.1
91	MP2A	Y	-22.256	3.42
92	MP2A	My	.019	3.42
93	MP2A	Mz	0	3.42
94	MP2A	Y	-22.256	3.42
95	MP2A	My	.019	3.42
96	MP2A	Mz	0	3.42
97	MP2B	Y	-22.256	3.42
98	MP2B	My	-.009	3.42
99	MP2B	Mz	.016	3.42
100	MP2B	Y	-22.256	3.42
101	MP2B	My	-.009	3.42
102	MP2B	Mz	.016	3.42
103	MP2C	Y	-22.256	3.42
104	MP2C	My	-.009	3.42
105	MP2C	Mz	-.016	3.42
106	MP2C	Y	-22.256	3.42
107	MP2C	My	-.009	3.42
108	MP2C	Mz	-.016	3.42
109	MP3A	Y	-20.014	3.42
110	MP3A	My	.017	3.42
111	MP3A	Mz	0	3.42
112	MP3A	Y	-20.014	3.42
113	MP3A	My	.017	3.42
114	MP3A	Mz	0	3.42
115	MP3B	Y	-20.014	3.42
116	MP3B	My	-.008	3.42
117	MP3B	Mz	.014	3.42
118	MP3B	Y	-20.014	3.42
119	MP3B	My	-.008	3.42
120	MP3B	Mz	.014	3.42
121	MP3C	Y	-20.014	3.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
122	MP3C	My	-.008	3.42
123	MP3C	Mz	-.014	3.42
124	MP3C	Y	-20.014	3.42
125	MP3C	My	-.008	3.42
126	MP3C	Mz	-.014	3.42
127	OVPB	Y	-43.588	1.5
128	OVPB	My	.018	1.5
129	OVPB	Mz	-.031	1.5
130	OVPB	Y	-43.588	1.5
131	OVPB	My	.018	1.5
132	OVPB	Mz	-.031	1.5
133	OVPC	Y	-43.588	1.5
134	OVPC	My	0	1.5
135	OVPC	Mz	.036	1.5
136	OVPC	Y	-43.588	1.5
137	OVPC	My	0	1.5
138	OVPC	Mz	.036	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2.62
2	MP4A	Z	-93.696	2.62
3	MP4A	Mx	0	2.62
4	MP4A	X	0	4.55
5	MP4A	Z	-93.696	4.55
6	MP4A	Mx	0	4.55
7	MP4B	X	0	2.62
8	MP4B	Z	-50.935	2.62
9	MP4B	Mx	.044	2.62
10	MP4B	X	0	4.55
11	MP4B	Z	-50.935	4.55
12	MP4B	Mx	.044	4.55
13	MP4C	X	0	2.62
14	MP4C	Z	-50.935	2.62
15	MP4C	Mx	-.044	2.62
16	MP4C	X	0	4.55
17	MP4C	Z	-50.935	4.55
18	MP4C	Mx	-.044	4.55
19	MP3A	X	0	.88
20	MP3A	Z	-39.073	.88
21	MP3A	Mx	0	.88
22	MP3A	X	0	.88
23	MP3A	Z	-39.073	.88
24	MP3A	Mx	0	.88
25	MP3B	X	0	.88
26	MP3B	Z	-22.049	.88
27	MP3B	Mx	-.016	.88
28	MP3B	X	0	.88
29	MP3B	Z	-22.049	.88
30	MP3B	Mx	-.016	.88
31	MP3C	X	0	.88
32	MP3C	Z	-22.049	.88
33	MP3C	Mx	.016	.88
34	MP3C	X	0	.88
35	MP3C	Z	-22.049	.88
36	MP3C	Mx	.016	.88

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP3A	X	0	1.33
38	MP3A	Z	-162.074	1.33
39	MP3A	Mx	-.095	1.33
40	MP3A	X	0	5.83
41	MP3A	Z	-162.074	5.83
42	MP3A	Mx	-.095	5.83
43	MP3B	X	0	1.33
44	MP3B	Z	-142.189	1.33
45	MP3B	Mx	.165	1.33
46	MP3B	X	0	5.83
47	MP3B	Z	-142.189	5.83
48	MP3B	Mx	.165	5.83
49	MP3C	X	0	1.33
50	MP3C	Z	-142.189	1.33
51	MP3C	Mx	-.082	1.33
52	MP3C	X	0	5.83
53	MP3C	Z	-142.189	5.83
54	MP3C	Mx	-.082	5.83
55	MP3A	X	0	1.33
56	MP3A	Z	-162.074	1.33
57	MP3A	Mx	.095	1.33
58	MP3A	X	0	5.83
59	MP3A	Z	-162.074	5.83
60	MP3A	Mx	.095	5.83
61	MP3B	X	0	1.33
62	MP3B	Z	-142.189	1.33
63	MP3B	Mx	.082	1.33
64	MP3B	X	0	5.83
65	MP3B	Z	-142.189	5.83
66	MP3B	Mx	.082	5.83
67	MP3C	X	0	1.33
68	MP3C	Z	-142.189	1.33
69	MP3C	Mx	-.165	1.33
70	MP3C	X	0	5.83
71	MP3C	Z	-142.189	5.83
72	MP3C	Mx	-.165	5.83
73	MP1A	X	0	3.07
74	MP1A	Z	-17.742	3.07
75	MP1A	Mx	0	3.07
76	MP1A	X	0	4.1
77	MP1A	Z	-17.742	4.1
78	MP1A	Mx	0	4.1
79	MP1B	X	0	3.07
80	MP1B	Z	-7.045	3.07
81	MP1B	Mx	.004	3.07
82	MP1B	X	0	4.1
83	MP1B	Z	-7.045	4.1
84	MP1B	Mx	.004	4.1
85	MP1C	X	0	3.07
86	MP1C	Z	-7.045	3.07
87	MP1C	Mx	-.004	3.07
88	MP1C	X	0	4.1
89	MP1C	Z	-7.045	4.1
90	MP1C	Mx	-.004	4.1
91	MP2A	X	0	3.42
92	MP2A	Z	-37.279	3.42
93	MP2A	Mx	0	3.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP2A	X	0	3.42
95	MP2A	Z	-37.279	3.42
96	MP2A	Mx	0	3.42
97	MP2B	X	0	3.42
98	MP2B	Z	-28.009	3.42
99	MP2B	Mx	-.02	3.42
100	MP2B	X	0	3.42
101	MP2B	Z	-28.009	3.42
102	MP2B	Mx	-.02	3.42
103	MP2C	X	0	3.42
104	MP2C	Z	-28.009	3.42
105	MP2C	Mx	.02	3.42
106	MP2C	X	0	3.42
107	MP2C	Z	-28.009	3.42
108	MP2C	Mx	.02	3.42
109	MP3A	X	0	3.42
110	MP3A	Z	-37.279	3.42
111	MP3A	Mx	0	3.42
112	MP3A	X	0	3.42
113	MP3A	Z	-37.279	3.42
114	MP3A	Mx	0	3.42
115	MP3B	X	0	3.42
116	MP3B	Z	-24.458	3.42
117	MP3B	Mx	-.018	3.42
118	MP3B	X	0	3.42
119	MP3B	Z	-24.458	3.42
120	MP3B	Mx	-.018	3.42
121	MP3C	X	0	3.42
122	MP3C	Z	-24.458	3.42
123	MP3C	Mx	.018	3.42
124	MP3C	X	0	3.42
125	MP3C	Z	-24.458	3.42
126	MP3C	Mx	.018	3.42
127	OVPB	X	0	1.5
128	OVPB	Z	-66.547	1.5
129	OVPB	Mx	.048	1.5
130	OVPB	X	0	1.5
131	OVPB	Z	-66.547	1.5
132	OVPB	Mx	.048	1.5
133	OVPC	X	0	1.5
134	OVPC	Z	-61.75	1.5
135	OVPC	Mx	-.051	1.5
136	OVPC	X	0	1.5
137	OVPC	Z	-61.75	1.5
138	OVPC	Mx	-.051	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	39.721	2.62
2	MP4A	Z	-68.799	2.62
3	MP4A	Mx	-.04	2.62
4	MP4A	X	39.721	4.55
5	MP4A	Z	-68.799	4.55
6	MP4A	Mx	-.04	4.55
7	MP4B	X	18.341	2.62
8	MP4B	Z	-31.767	2.62

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP4B	Mx	.037	2.62
10	MP4B	X	18.341	4.55
11	MP4B	Z	-31.767	4.55
12	MP4B	Mx	.037	4.55
13	MP4C	X	39.721	2.62
14	MP4C	Z	-68.799	2.62
15	MP4C	Mx	-.04	2.62
16	MP4C	X	39.721	4.55
17	MP4C	Z	-68.799	4.55
18	MP4C	Mx	-.04	4.55
19	MP3A	X	16.699	.88
20	MP3A	Z	-28.924	.88
21	MP3A	Mx	.014	.88
22	MP3A	X	16.699	.88
23	MP3A	Z	-28.924	.88
24	MP3A	Mx	.014	.88
25	MP3B	X	8.187	.88
26	MP3B	Z	-14.18	.88
27	MP3B	Mx	-.014	.88
28	MP3B	X	8.187	.88
29	MP3B	Z	-14.18	.88
30	MP3B	Mx	-.014	.88
31	MP3C	X	16.699	.88
32	MP3C	Z	-28.924	.88
33	MP3C	Mx	.014	.88
34	MP3C	X	16.699	.88
35	MP3C	Z	-28.924	.88
36	MP3C	Mx	.014	.88
37	MP3A	X	77.723	1.33
38	MP3A	Z	-134.62	1.33
39	MP3A	Mx	-.156	1.33
40	MP3A	X	77.723	5.83
41	MP3A	Z	-134.62	5.83
42	MP3A	Mx	-.156	5.83
43	MP3B	X	67.78	1.33
44	MP3B	Z	-117.399	1.33
45	MP3B	Mx	.136	1.33
46	MP3B	X	67.78	5.83
47	MP3B	Z	-117.399	5.83
48	MP3B	Mx	.136	5.83
49	MP3C	X	77.723	1.33
50	MP3C	Z	-134.62	1.33
51	MP3C	Mx	.000806	1.33
52	MP3C	X	77.723	5.83
53	MP3C	Z	-134.62	5.83
54	MP3C	Mx	.000806	5.83
55	MP3A	X	77.723	1.33
56	MP3A	Z	-134.62	1.33
57	MP3A	Mx	.000805	1.33
58	MP3A	X	77.723	5.83
59	MP3A	Z	-134.62	5.83
60	MP3A	Mx	.000805	5.83
61	MP3B	X	67.78	1.33
62	MP3B	Z	-117.399	1.33
63	MP3B	Mx	.136	1.33
64	MP3B	X	67.78	5.83
65	MP3B	Z	-117.399	5.83

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3B	Mx	.136	5.83
67	MP3C	X	77.723	1.33
68	MP3C	Z	-134.62	1.33
69	MP3C	Mx	-.156	1.33
70	MP3C	X	77.723	5.83
71	MP3C	Z	-134.62	5.83
72	MP3C	Mx	-.156	5.83
73	MP1A	X	7.088	3.07
74	MP1A	Z	-12.277	3.07
75	MP1A	Mx	-.005	3.07
76	MP1A	X	7.088	4.1
77	MP1A	Z	-12.277	4.1
78	MP1A	Mx	-.005	4.1
79	MP1B	X	1.74	3.07
80	MP1B	Z	-3.013	3.07
81	MP1B	Mx	.002	3.07
82	MP1B	X	1.74	4.1
83	MP1B	Z	-3.013	4.1
84	MP1B	Mx	.002	4.1
85	MP1C	X	7.088	3.07
86	MP1C	Z	-12.277	3.07
87	MP1C	Mx	-.005	3.07
88	MP1C	X	7.088	4.1
89	MP1C	Z	-12.277	4.1
90	MP1C	Mx	-.005	4.1
91	MP2A	X	17.095	3.42
92	MP2A	Z	-29.609	3.42
93	MP2A	Mx	.014	3.42
94	MP2A	X	17.095	3.42
95	MP2A	Z	-29.609	3.42
96	MP2A	Mx	.014	3.42
97	MP2B	X	12.46	3.42
98	MP2B	Z	-21.581	3.42
99	MP2B	Mx	-.021	3.42
100	MP2B	X	12.46	3.42
101	MP2B	Z	-21.581	3.42
102	MP2B	Mx	-.021	3.42
103	MP2C	X	17.095	3.42
104	MP2C	Z	-29.609	3.42
105	MP2C	Mx	.014	3.42
106	MP2C	X	17.095	3.42
107	MP2C	Z	-29.609	3.42
108	MP2C	Mx	.014	3.42
109	MP3A	X	16.503	3.42
110	MP3A	Z	-28.584	3.42
111	MP3A	Mx	.014	3.42
112	MP3A	X	16.503	3.42
113	MP3A	Z	-28.584	3.42
114	MP3A	Mx	.014	3.42
115	MP3B	X	10.092	3.42
116	MP3B	Z	-17.48	3.42
117	MP3B	Mx	-.017	3.42
118	MP3B	X	10.092	3.42
119	MP3B	Z	-17.48	3.42
120	MP3B	Mx	-.017	3.42
121	MP3C	X	16.503	3.42
122	MP3C	Z	-28.584	3.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
123	MP3C	Mx	.014	3.42
124	MP3C	X	16.503	3.42
125	MP3C	Z	-28.584	3.42
126	MP3C	Mx	.014	3.42
127	OVPB	X	30.875	1.5
128	OVPB	Z	-53.477	1.5
129	OVPB	Mx	.051	1.5
130	OVPB	X	30.875	1.5
131	OVPB	Z	-53.477	1.5
132	OVPB	Mx	.051	1.5
133	OVPC	X	33.273	1.5
134	OVPC	Z	-57.631	1.5
135	OVPC	Mx	-.048	1.5
136	OVPC	X	33.273	1.5
137	OVPC	Z	-57.631	1.5
138	OVPC	Mx	-.048	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	44.111	2.62
2	MP4A	Z	-25.468	2.62
3	MP4A	Mx	-.044	2.62
4	MP4A	X	44.111	4.55
5	MP4A	Z	-25.468	4.55
6	MP4A	Mx	-.044	4.55
7	MP4B	X	44.111	2.62
8	MP4B	Z	-25.468	2.62
9	MP4B	Mx	.044	2.62
10	MP4B	X	44.111	4.55
11	MP4B	Z	-25.468	4.55
12	MP4B	Mx	.044	4.55
13	MP4C	X	81.143	2.62
14	MP4C	Z	-46.848	2.62
15	MP4C	Mx	0	2.62
16	MP4C	X	81.143	4.55
17	MP4C	Z	-46.848	4.55
18	MP4C	Mx	0	4.55
19	MP3A	X	19.095	.88
20	MP3A	Z	-11.024	.88
21	MP3A	Mx	.016	.88
22	MP3A	X	19.095	.88
23	MP3A	Z	-11.024	.88
24	MP3A	Mx	.016	.88
25	MP3B	X	19.095	.88
26	MP3B	Z	-11.024	.88
27	MP3B	Mx	-.016	.88
28	MP3B	X	19.095	.88
29	MP3B	Z	-11.024	.88
30	MP3B	Mx	-.016	.88
31	MP3C	X	33.838	.88
32	MP3C	Z	-19.537	.88
33	MP3C	Mx	0	.88
34	MP3C	X	33.838	.88
35	MP3C	Z	-19.537	.88
36	MP3C	Mx	0	.88
37	MP3A	X	123.139	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP3A	Z	-71.094	1.33
39	MP3A	Mx	-.165	1.33
40	MP3A	X	123.139	5.83
41	MP3A	Z	-71.094	5.83
42	MP3A	Mx	-.165	5.83
43	MP3B	X	123.139	1.33
44	MP3B	Z	-71.094	1.33
45	MP3B	Mx	.082	1.33
46	MP3B	X	123.139	5.83
47	MP3B	Z	-71.094	5.83
48	MP3B	Mx	.082	5.83
49	MP3C	X	140.361	1.33
50	MP3C	Z	-81.037	1.33
51	MP3C	Mx	.095	1.33
52	MP3C	X	140.361	5.83
53	MP3C	Z	-81.037	5.83
54	MP3C	Mx	.095	5.83
55	MP3A	X	123.139	1.33
56	MP3A	Z	-71.094	1.33
57	MP3A	Mx	-.082	1.33
58	MP3A	X	123.139	5.83
59	MP3A	Z	-71.094	5.83
60	MP3A	Mx	-.082	5.83
61	MP3B	X	123.139	1.33
62	MP3B	Z	-71.094	1.33
63	MP3B	Mx	.165	1.33
64	MP3B	X	123.139	5.83
65	MP3B	Z	-71.094	5.83
66	MP3B	Mx	.165	5.83
67	MP3C	X	140.361	1.33
68	MP3C	Z	-81.037	1.33
69	MP3C	Mx	-.095	1.33
70	MP3C	X	140.361	5.83
71	MP3C	Z	-81.037	5.83
72	MP3C	Mx	-.095	5.83
73	MP1A	X	6.101	3.07
74	MP1A	Z	-3.523	3.07
75	MP1A	Mx	-.004	3.07
76	MP1A	X	6.101	4.1
77	MP1A	Z	-3.523	4.1
78	MP1A	Mx	-.004	4.1
79	MP1B	X	6.101	3.07
80	MP1B	Z	-3.523	3.07
81	MP1B	Mx	.004	3.07
82	MP1B	X	6.101	4.1
83	MP1B	Z	-3.523	4.1
84	MP1B	Mx	.004	4.1
85	MP1C	X	15.365	3.07
86	MP1C	Z	-8.871	3.07
87	MP1C	Mx	0	3.07
88	MP1C	X	15.365	4.1
89	MP1C	Z	-8.871	4.1
90	MP1C	Mx	0	4.1
91	MP2A	X	24.257	3.42
92	MP2A	Z	-14.005	3.42
93	MP2A	Mx	.02	3.42
94	MP2A	X	24.257	3.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP2A	Z	-14.005	3.42
96	MP2A	Mx	.02	3.42
97	MP2B	X	24.257	3.42
98	MP2B	Z	-14.005	3.42
99	MP2B	Mx	-.02	3.42
100	MP2B	X	24.257	3.42
101	MP2B	Z	-14.005	3.42
102	MP2B	Mx	-.02	3.42
103	MP2C	X	32.285	3.42
104	MP2C	Z	-18.64	3.42
105	MP2C	Mx	0	3.42
106	MP2C	X	32.285	3.42
107	MP2C	Z	-18.64	3.42
108	MP2C	Mx	0	3.42
109	MP3A	X	21.181	3.42
110	MP3A	Z	-12.229	3.42
111	MP3A	Mx	.018	3.42
112	MP3A	X	21.181	3.42
113	MP3A	Z	-12.229	3.42
114	MP3A	Mx	.018	3.42
115	MP3B	X	21.181	3.42
116	MP3B	Z	-12.229	3.42
117	MP3B	Mx	-.018	3.42
118	MP3B	X	21.181	3.42
119	MP3B	Z	-12.229	3.42
120	MP3B	Mx	-.018	3.42
121	MP3C	X	32.285	3.42
122	MP3C	Z	-18.64	3.42
123	MP3C	Mx	0	3.42
124	MP3C	X	32.285	3.42
125	MP3C	Z	-18.64	3.42
126	MP3C	Mx	0	3.42
127	OVPB	X	57.631	1.5
128	OVPB	Z	-33.273	1.5
129	OVPB	Mx	.048	1.5
130	OVPB	X	57.631	1.5
131	OVPB	Z	-33.273	1.5
132	OVPB	Mx	.048	1.5
133	OVPC	X	65.94	1.5
134	OVPC	Z	-38.07	1.5
135	OVPC	Mx	-.032	1.5
136	OVPC	X	65.94	1.5
137	OVPC	Z	-38.07	1.5
138	OVPC	Mx	-.032	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	36.682	2.62
2	MP4A	Z	0	2.62
3	MP4A	Mx	-.037	2.62
4	MP4A	X	36.682	4.55
5	MP4A	Z	0	4.55
6	MP4A	Mx	-.037	4.55
7	MP4B	X	79.443	2.62
8	MP4B	Z	0	2.62
9	MP4B	Mx	.04	2.62

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP4B	X	79.443	4.55
11	MP4B	Z	0	4.55
12	MP4B	Mx	.04	4.55
13	MP4C	X	79.443	2.62
14	MP4C	Z	0	2.62
15	MP4C	Mx	.04	2.62
16	MP4C	X	79.443	4.55
17	MP4C	Z	0	4.55
18	MP4C	Mx	.04	4.55
19	MP3A	X	16.374	.88
20	MP3A	Z	0	.88
21	MP3A	Mx	.014	.88
22	MP3A	X	16.374	.88
23	MP3A	Z	0	.88
24	MP3A	Mx	.014	.88
25	MP3B	X	33.398	.88
26	MP3B	Z	0	.88
27	MP3B	Mx	-.014	.88
28	MP3B	X	33.398	.88
29	MP3B	Z	0	.88
30	MP3B	Mx	-.014	.88
31	MP3C	X	33.398	.88
32	MP3C	Z	0	.88
33	MP3C	Mx	-.014	.88
34	MP3C	X	33.398	.88
35	MP3C	Z	0	.88
36	MP3C	Mx	-.014	.88
37	MP3A	X	135.56	1.33
38	MP3A	Z	0	1.33
39	MP3A	Mx	-.136	1.33
40	MP3A	X	135.56	5.83
41	MP3A	Z	0	5.83
42	MP3A	Mx	-.136	5.83
43	MP3B	X	155.446	1.33
44	MP3B	Z	0	1.33
45	MP3B	Mx	-.000805	1.33
46	MP3B	X	155.446	5.83
47	MP3B	Z	0	5.83
48	MP3B	Mx	-.000805	5.83
49	MP3C	X	155.446	1.33
50	MP3C	Z	0	1.33
51	MP3C	Mx	.156	1.33
52	MP3C	X	155.446	5.83
53	MP3C	Z	0	5.83
54	MP3C	Mx	.156	5.83
55	MP3A	X	135.56	1.33
56	MP3A	Z	0	1.33
57	MP3A	Mx	-.136	1.33
58	MP3A	X	135.56	5.83
59	MP3A	Z	0	5.83
60	MP3A	Mx	-.136	5.83
61	MP3B	X	155.446	1.33
62	MP3B	Z	0	1.33
63	MP3B	Mx	.156	1.33
64	MP3B	X	155.446	5.83
65	MP3B	Z	0	5.83
66	MP3B	Mx	.156	5.83

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP3C	X	155.446	1.33
68	MP3C	Z	0	1.33
69	MP3C	Mx	-.000805	1.33
70	MP3C	X	155.446	5.83
71	MP3C	Z	0	5.83
72	MP3C	Mx	-.000805	5.83
73	MP1A	X	3.479	3.07
74	MP1A	Z	0	3.07
75	MP1A	Mx	-.002	3.07
76	MP1A	X	3.479	4.1
77	MP1A	Z	0	4.1
78	MP1A	Mx	-.002	4.1
79	MP1B	X	14.177	3.07
80	MP1B	Z	0	3.07
81	MP1B	Mx	.005	3.07
82	MP1B	X	14.177	4.1
83	MP1B	Z	0	4.1
84	MP1B	Mx	.005	4.1
85	MP1C	X	14.177	3.07
86	MP1C	Z	0	3.07
87	MP1C	Mx	.005	3.07
88	MP1C	X	14.177	4.1
89	MP1C	Z	0	4.1
90	MP1C	Mx	.005	4.1
91	MP2A	X	24.919	3.42
92	MP2A	Z	0	3.42
93	MP2A	Mx	.021	3.42
94	MP2A	X	24.919	3.42
95	MP2A	Z	0	3.42
96	MP2A	Mx	.021	3.42
97	MP2B	X	34.189	3.42
98	MP2B	Z	0	3.42
99	MP2B	Mx	-.014	3.42
100	MP2B	X	34.189	3.42
101	MP2B	Z	0	3.42
102	MP2B	Mx	-.014	3.42
103	MP2C	X	34.189	3.42
104	MP2C	Z	0	3.42
105	MP2C	Mx	-.014	3.42
106	MP2C	X	34.189	3.42
107	MP2C	Z	0	3.42
108	MP2C	Mx	-.014	3.42
109	MP3A	X	20.185	3.42
110	MP3A	Z	0	3.42
111	MP3A	Mx	.017	3.42
112	MP3A	X	20.185	3.42
113	MP3A	Z	0	3.42
114	MP3A	Mx	.017	3.42
115	MP3B	X	33.005	3.42
116	MP3B	Z	0	3.42
117	MP3B	Mx	-.014	3.42
118	MP3B	X	33.005	3.42
119	MP3B	Z	0	3.42
120	MP3B	Mx	-.014	3.42
121	MP3C	X	33.005	3.42
122	MP3C	Z	0	3.42
123	MP3C	Mx	-.014	3.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
124	MP3C	X	33.005	3.42
125	MP3C	Z	0	3.42
126	MP3C	Mx	-.014	3.42
127	OVPB	X	76.141	1.5
128	OVPB	Z	0	1.5
129	OVPB	Mx	.032	1.5
130	OVPB	X	76.141	1.5
131	OVPB	Z	0	1.5
132	OVPB	Mx	.032	1.5
133	OVPC	X	80.938	1.5
134	OVPC	Z	0	1.5
135	OVPC	Mx	0	1.5
136	OVPC	X	80.938	1.5
137	OVPC	Z	0	1.5
138	OVPC	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	44.111	2.62
2	MP4A	Z	25.468	2.62
3	MP4A	Mx	-.044	2.62
4	MP4A	X	44.111	4.55
5	MP4A	Z	25.468	4.55
6	MP4A	Mx	-.044	4.55
7	MP4B	X	81.143	2.62
8	MP4B	Z	46.848	2.62
9	MP4B	Mx	0	2.62
10	MP4B	X	81.143	4.55
11	MP4B	Z	46.848	4.55
12	MP4B	Mx	0	4.55
13	MP4C	X	44.111	2.62
14	MP4C	Z	25.468	2.62
15	MP4C	Mx	.044	2.62
16	MP4C	X	44.111	4.55
17	MP4C	Z	25.468	4.55
18	MP4C	Mx	.044	4.55
19	MP3A	X	19.095	.88
20	MP3A	Z	11.024	.88
21	MP3A	Mx	.016	.88
22	MP3A	X	19.095	.88
23	MP3A	Z	11.024	.88
24	MP3A	Mx	.016	.88
25	MP3B	X	33.838	.88
26	MP3B	Z	19.537	.88
27	MP3B	Mx	0	.88
28	MP3B	X	33.838	.88
29	MP3B	Z	19.537	.88
30	MP3B	Mx	0	.88
31	MP3C	X	19.095	.88
32	MP3C	Z	11.024	.88
33	MP3C	Mx	-.016	.88
34	MP3C	X	19.095	.88
35	MP3C	Z	11.024	.88
36	MP3C	Mx	-.016	.88
37	MP3A	X	123.139	1.33
38	MP3A	Z	71.094	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP3A	Mx	-.082	1.33
40	MP3A	X	123.139	5.83
41	MP3A	Z	71.094	5.83
42	MP3A	Mx	-.082	5.83
43	MP3B	X	140.361	1.33
44	MP3B	Z	81.037	1.33
45	MP3B	Mx	-.095	1.33
46	MP3B	X	140.361	5.83
47	MP3B	Z	81.037	5.83
48	MP3B	Mx	-.095	5.83
49	MP3C	X	123.139	1.33
50	MP3C	Z	71.094	1.33
51	MP3C	Mx	.165	1.33
52	MP3C	X	123.139	5.83
53	MP3C	Z	71.094	5.83
54	MP3C	Mx	.165	5.83
55	MP3A	X	123.139	1.33
56	MP3A	Z	71.094	1.33
57	MP3A	Mx	-.165	1.33
58	MP3A	X	123.139	5.83
59	MP3A	Z	71.094	5.83
60	MP3A	Mx	-.165	5.83
61	MP3B	X	140.361	1.33
62	MP3B	Z	81.037	1.33
63	MP3B	Mx	.095	1.33
64	MP3B	X	140.361	5.83
65	MP3B	Z	81.037	5.83
66	MP3B	Mx	.095	5.83
67	MP3C	X	123.139	1.33
68	MP3C	Z	71.094	1.33
69	MP3C	Mx	.082	1.33
70	MP3C	X	123.139	5.83
71	MP3C	Z	71.094	5.83
72	MP3C	Mx	.082	5.83
73	MP1A	X	6.101	3.07
74	MP1A	Z	3.523	3.07
75	MP1A	Mx	-.004	3.07
76	MP1A	X	6.101	4.1
77	MP1A	Z	3.523	4.1
78	MP1A	Mx	-.004	4.1
79	MP1B	X	15.365	3.07
80	MP1B	Z	8.871	3.07
81	MP1B	Mx	0	3.07
82	MP1B	X	15.365	4.1
83	MP1B	Z	8.871	4.1
84	MP1B	Mx	0	4.1
85	MP1C	X	6.101	3.07
86	MP1C	Z	3.523	3.07
87	MP1C	Mx	.004	3.07
88	MP1C	X	6.101	4.1
89	MP1C	Z	3.523	4.1
90	MP1C	Mx	.004	4.1
91	MP2A	X	24.257	3.42
92	MP2A	Z	14.005	3.42
93	MP2A	Mx	.02	3.42
94	MP2A	X	24.257	3.42
95	MP2A	Z	14.005	3.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
96	MP2A	Mx	.02	3.42
97	MP2B	X	32.285	3.42
98	MP2B	Z	18.64	3.42
99	MP2B	Mx	0	3.42
100	MP2B	X	32.285	3.42
101	MP2B	Z	18.64	3.42
102	MP2B	Mx	0	3.42
103	MP2C	X	24.257	3.42
104	MP2C	Z	14.005	3.42
105	MP2C	Mx	-.02	3.42
106	MP2C	X	24.257	3.42
107	MP2C	Z	14.005	3.42
108	MP2C	Mx	-.02	3.42
109	MP3A	X	21.181	3.42
110	MP3A	Z	12.229	3.42
111	MP3A	Mx	.018	3.42
112	MP3A	X	21.181	3.42
113	MP3A	Z	12.229	3.42
114	MP3A	Mx	.018	3.42
115	MP3B	X	32.285	3.42
116	MP3B	Z	18.64	3.42
117	MP3B	Mx	0	3.42
118	MP3B	X	32.285	3.42
119	MP3B	Z	18.64	3.42
120	MP3B	Mx	0	3.42
121	MP3C	X	21.181	3.42
122	MP3C	Z	12.229	3.42
123	MP3C	Mx	-.018	3.42
124	MP3C	X	21.181	3.42
125	MP3C	Z	12.229	3.42
126	MP3C	Mx	-.018	3.42
127	OVPB	X	70.094	1.5
128	OVPB	Z	40.469	1.5
129	OVPB	Mx	0	1.5
130	OVPB	X	70.094	1.5
131	OVPB	Z	40.469	1.5
132	OVPB	Mx	0	1.5
133	OVPC	X	65.94	1.5
134	OVPC	Z	38.07	1.5
135	OVPC	Mx	.032	1.5
136	OVPC	X	65.94	1.5
137	OVPC	Z	38.07	1.5
138	OVPC	Mx	.032	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	39.721	2.62
2	MP4A	Z	68.799	2.62
3	MP4A	Mx	-.04	2.62
4	MP4A	X	39.721	4.55
5	MP4A	Z	68.799	4.55
6	MP4A	Mx	-.04	4.55
7	MP4B	X	39.721	2.62
8	MP4B	Z	68.799	2.62
9	MP4B	Mx	-.04	2.62
10	MP4B	X	39.721	4.55

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP4B	Z	68.799	4.55
12	MP4B	Mx	-.04	4.55
13	MP4C	X	18.341	2.62
14	MP4C	Z	31.767	2.62
15	MP4C	Mx	.037	2.62
16	MP4C	X	18.341	4.55
17	MP4C	Z	31.767	4.55
18	MP4C	Mx	.037	4.55
19	MP3A	X	16.699	.88
20	MP3A	Z	28.924	.88
21	MP3A	Mx	.014	.88
22	MP3A	X	16.699	.88
23	MP3A	Z	28.924	.88
24	MP3A	Mx	.014	.88
25	MP3B	X	16.699	.88
26	MP3B	Z	28.924	.88
27	MP3B	Mx	.014	.88
28	MP3B	X	16.699	.88
29	MP3B	Z	28.924	.88
30	MP3B	Mx	.014	.88
31	MP3C	X	8.187	.88
32	MP3C	Z	14.18	.88
33	MP3C	Mx	-.014	.88
34	MP3C	X	8.187	.88
35	MP3C	Z	14.18	.88
36	MP3C	Mx	-.014	.88
37	MP3A	X	77.723	1.33
38	MP3A	Z	134.62	1.33
39	MP3A	Mx	.000805	1.33
40	MP3A	X	77.723	5.83
41	MP3A	Z	134.62	5.83
42	MP3A	Mx	.000805	5.83
43	MP3B	X	77.723	1.33
44	MP3B	Z	134.62	1.33
45	MP3B	Mx	-.156	1.33
46	MP3B	X	77.723	5.83
47	MP3B	Z	134.62	5.83
48	MP3B	Mx	-.156	5.83
49	MP3C	X	67.78	1.33
50	MP3C	Z	117.399	1.33
51	MP3C	Mx	.136	1.33
52	MP3C	X	67.78	5.83
53	MP3C	Z	117.399	5.83
54	MP3C	Mx	.136	5.83
55	MP3A	X	77.723	1.33
56	MP3A	Z	134.62	1.33
57	MP3A	Mx	-.156	1.33
58	MP3A	X	77.723	5.83
59	MP3A	Z	134.62	5.83
60	MP3A	Mx	-.156	5.83
61	MP3B	X	77.723	1.33
62	MP3B	Z	134.62	1.33
63	MP3B	Mx	.000806	1.33
64	MP3B	X	77.723	5.83
65	MP3B	Z	134.62	5.83
66	MP3B	Mx	.000806	5.83
67	MP3C	X	67.78	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP3C	Z	117.399	1.33
69	MP3C	Mx	.136	1.33
70	MP3C	X	67.78	5.83
71	MP3C	Z	117.399	5.83
72	MP3C	Mx	.136	5.83
73	MP1A	X	7.088	3.07
74	MP1A	Z	12.277	3.07
75	MP1A	Mx	-.005	3.07
76	MP1A	X	7.088	4.1
77	MP1A	Z	12.277	4.1
78	MP1A	Mx	-.005	4.1
79	MP1B	X	7.088	3.07
80	MP1B	Z	12.277	3.07
81	MP1B	Mx	-.005	3.07
82	MP1B	X	7.088	4.1
83	MP1B	Z	12.277	4.1
84	MP1B	Mx	-.005	4.1
85	MP1C	X	1.74	3.07
86	MP1C	Z	3.013	3.07
87	MP1C	Mx	.002	3.07
88	MP1C	X	1.74	4.1
89	MP1C	Z	3.013	4.1
90	MP1C	Mx	.002	4.1
91	MP2A	X	17.095	3.42
92	MP2A	Z	29.609	3.42
93	MP2A	Mx	.014	3.42
94	MP2A	X	17.095	3.42
95	MP2A	Z	29.609	3.42
96	MP2A	Mx	.014	3.42
97	MP2B	X	17.095	3.42
98	MP2B	Z	29.609	3.42
99	MP2B	Mx	.014	3.42
100	MP2B	X	17.095	3.42
101	MP2B	Z	29.609	3.42
102	MP2B	Mx	.014	3.42
103	MP2C	X	12.46	3.42
104	MP2C	Z	21.581	3.42
105	MP2C	Mx	-.021	3.42
106	MP2C	X	12.46	3.42
107	MP2C	Z	21.581	3.42
108	MP2C	Mx	-.021	3.42
109	MP3A	X	16.503	3.42
110	MP3A	Z	28.584	3.42
111	MP3A	Mx	.014	3.42
112	MP3A	X	16.503	3.42
113	MP3A	Z	28.584	3.42
114	MP3A	Mx	.014	3.42
115	MP3B	X	16.503	3.42
116	MP3B	Z	28.584	3.42
117	MP3B	Mx	.014	3.42
118	MP3B	X	16.503	3.42
119	MP3B	Z	28.584	3.42
120	MP3B	Mx	.014	3.42
121	MP3C	X	10.092	3.42
122	MP3C	Z	17.48	3.42
123	MP3C	Mx	-.017	3.42
124	MP3C	X	10.092	3.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
125	MP3C	Z	17.48	3.42
126	MP3C	Mx	-.017	3.42
127	OVPB	X	38.07	1.5
128	OVPB	Z	65.94	1.5
129	OVPB	Mx	-.032	1.5
130	OVPB	X	38.07	1.5
131	OVPB	Z	65.94	1.5
132	OVPB	Mx	-.032	1.5
133	OVPC	X	33.273	1.5
134	OVPC	Z	57.631	1.5
135	OVPC	Mx	.048	1.5
136	OVPC	X	33.273	1.5
137	OVPC	Z	57.631	1.5
138	OVPC	Mx	.048	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2.62
2	MP4A	Z	93.696	2.62
3	MP4A	Mx	0	2.62
4	MP4A	X	0	4.55
5	MP4A	Z	93.696	4.55
6	MP4A	Mx	0	4.55
7	MP4B	X	0	2.62
8	MP4B	Z	50.935	2.62
9	MP4B	Mx	-.044	2.62
10	MP4B	X	0	4.55
11	MP4B	Z	50.935	4.55
12	MP4B	Mx	-.044	4.55
13	MP4C	X	0	2.62
14	MP4C	Z	50.935	2.62
15	MP4C	Mx	.044	2.62
16	MP4C	X	0	4.55
17	MP4C	Z	50.935	4.55
18	MP4C	Mx	.044	4.55
19	MP3A	X	0	.88
20	MP3A	Z	39.073	.88
21	MP3A	Mx	0	.88
22	MP3A	X	0	.88
23	MP3A	Z	39.073	.88
24	MP3A	Mx	0	.88
25	MP3B	X	0	.88
26	MP3B	Z	22.049	.88
27	MP3B	Mx	.016	.88
28	MP3B	X	0	.88
29	MP3B	Z	22.049	.88
30	MP3B	Mx	.016	.88
31	MP3C	X	0	.88
32	MP3C	Z	22.049	.88
33	MP3C	Mx	-.016	.88
34	MP3C	X	0	.88
35	MP3C	Z	22.049	.88
36	MP3C	Mx	-.016	.88
37	MP3A	X	0	1.33
38	MP3A	Z	162.074	1.33
39	MP3A	Mx	.095	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP3A	X	0	5.83
41	MP3A	Z	162.074	5.83
42	MP3A	Mx	.095	5.83
43	MP3B	X	0	1.33
44	MP3B	Z	142.189	1.33
45	MP3B	Mx	-.165	1.33
46	MP3B	X	0	5.83
47	MP3B	Z	142.189	5.83
48	MP3B	Mx	-.165	5.83
49	MP3C	X	0	1.33
50	MP3C	Z	142.189	1.33
51	MP3C	Mx	.082	1.33
52	MP3C	X	0	5.83
53	MP3C	Z	142.189	5.83
54	MP3C	Mx	.082	5.83
55	MP3A	X	0	1.33
56	MP3A	Z	162.074	1.33
57	MP3A	Mx	-.095	1.33
58	MP3A	X	0	5.83
59	MP3A	Z	162.074	5.83
60	MP3A	Mx	-.095	5.83
61	MP3B	X	0	1.33
62	MP3B	Z	142.189	1.33
63	MP3B	Mx	-.082	1.33
64	MP3B	X	0	5.83
65	MP3B	Z	142.189	5.83
66	MP3B	Mx	-.082	5.83
67	MP3C	X	0	1.33
68	MP3C	Z	142.189	1.33
69	MP3C	Mx	.165	1.33
70	MP3C	X	0	5.83
71	MP3C	Z	142.189	5.83
72	MP3C	Mx	.165	5.83
73	MP1A	X	0	3.07
74	MP1A	Z	17.742	3.07
75	MP1A	Mx	0	3.07
76	MP1A	X	0	4.1
77	MP1A	Z	17.742	4.1
78	MP1A	Mx	0	4.1
79	MP1B	X	0	3.07
80	MP1B	Z	7.045	3.07
81	MP1B	Mx	-.004	3.07
82	MP1B	X	0	4.1
83	MP1B	Z	7.045	4.1
84	MP1B	Mx	-.004	4.1
85	MP1C	X	0	3.07
86	MP1C	Z	7.045	3.07
87	MP1C	Mx	.004	3.07
88	MP1C	X	0	4.1
89	MP1C	Z	7.045	4.1
90	MP1C	Mx	.004	4.1
91	MP2A	X	0	3.42
92	MP2A	Z	37.279	3.42
93	MP2A	Mx	0	3.42
94	MP2A	X	0	3.42
95	MP2A	Z	37.279	3.42
96	MP2A	Mx	0	3.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
97	MP2B	X	0	3.42
98	MP2B	Z	28.009	3.42
99	MP2B	Mx	.02	3.42
100	MP2B	X	0	3.42
101	MP2B	Z	28.009	3.42
102	MP2B	Mx	.02	3.42
103	MP2C	X	0	3.42
104	MP2C	Z	28.009	3.42
105	MP2C	Mx	-.02	3.42
106	MP2C	X	0	3.42
107	MP2C	Z	28.009	3.42
108	MP2C	Mx	-.02	3.42
109	MP3A	X	0	3.42
110	MP3A	Z	37.279	3.42
111	MP3A	Mx	0	3.42
112	MP3A	X	0	3.42
113	MP3A	Z	37.279	3.42
114	MP3A	Mx	0	3.42
115	MP3B	X	0	3.42
116	MP3B	Z	24.458	3.42
117	MP3B	Mx	.018	3.42
118	MP3B	X	0	3.42
119	MP3B	Z	24.458	3.42
120	MP3B	Mx	.018	3.42
121	MP3C	X	0	3.42
122	MP3C	Z	24.458	3.42
123	MP3C	Mx	-.018	3.42
124	MP3C	X	0	3.42
125	MP3C	Z	24.458	3.42
126	MP3C	Mx	-.018	3.42
127	OVPB	X	0	1.5
128	OVPB	Z	66.547	1.5
129	OVPB	Mx	-.048	1.5
130	OVPB	X	0	1.5
131	OVPB	Z	66.547	1.5
132	OVPB	Mx	-.048	1.5
133	OVPC	X	0	1.5
134	OVPC	Z	61.75	1.5
135	OVPC	Mx	.051	1.5
136	OVPC	X	0	1.5
137	OVPC	Z	61.75	1.5
138	OVPC	Mx	.051	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-39.721	2.62
2	MP4A	Z	68.799	2.62
3	MP4A	Mx	.04	2.62
4	MP4A	X	-39.721	4.55
5	MP4A	Z	68.799	4.55
6	MP4A	Mx	.04	4.55
7	MP4B	X	-18.341	2.62
8	MP4B	Z	31.767	2.62
9	MP4B	Mx	-.037	2.62
10	MP4B	X	-18.341	4.55
11	MP4B	Z	31.767	4.55

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP4B	Mx	-.037	4.55
13	MP4C	X	-39.721	2.62
14	MP4C	Z	68.799	2.62
15	MP4C	Mx	.04	2.62
16	MP4C	X	-39.721	4.55
17	MP4C	Z	68.799	4.55
18	MP4C	Mx	.04	4.55
19	MP3A	X	-16.699	.88
20	MP3A	Z	28.924	.88
21	MP3A	Mx	-.014	.88
22	MP3A	X	-16.699	.88
23	MP3A	Z	28.924	.88
24	MP3A	Mx	-.014	.88
25	MP3B	X	-8.187	.88
26	MP3B	Z	14.18	.88
27	MP3B	Mx	.014	.88
28	MP3B	X	-8.187	.88
29	MP3B	Z	14.18	.88
30	MP3B	Mx	.014	.88
31	MP3C	X	-16.699	.88
32	MP3C	Z	28.924	.88
33	MP3C	Mx	-.014	.88
34	MP3C	X	-16.699	.88
35	MP3C	Z	28.924	.88
36	MP3C	Mx	-.014	.88
37	MP3A	X	-77.723	1.33
38	MP3A	Z	134.62	1.33
39	MP3A	Mx	.156	1.33
40	MP3A	X	-77.723	5.83
41	MP3A	Z	134.62	5.83
42	MP3A	Mx	.156	5.83
43	MP3B	X	-67.78	1.33
44	MP3B	Z	117.399	1.33
45	MP3B	Mx	-.136	1.33
46	MP3B	X	-67.78	5.83
47	MP3B	Z	117.399	5.83
48	MP3B	Mx	-.136	5.83
49	MP3C	X	-77.723	1.33
50	MP3C	Z	134.62	1.33
51	MP3C	Mx	-.000806	1.33
52	MP3C	X	-77.723	5.83
53	MP3C	Z	134.62	5.83
54	MP3C	Mx	-.000806	5.83
55	MP3A	X	-77.723	1.33
56	MP3A	Z	134.62	1.33
57	MP3A	Mx	-.000805	1.33
58	MP3A	X	-77.723	5.83
59	MP3A	Z	134.62	5.83
60	MP3A	Mx	-.000805	5.83
61	MP3B	X	-67.78	1.33
62	MP3B	Z	117.399	1.33
63	MP3B	Mx	-.136	1.33
64	MP3B	X	-67.78	5.83
65	MP3B	Z	117.399	5.83
66	MP3B	Mx	-.136	5.83
67	MP3C	X	-77.723	1.33
68	MP3C	Z	134.62	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP3C	Mx	.156	1.33
70	MP3C	X	-77.723	5.83
71	MP3C	Z	134.62	5.83
72	MP3C	Mx	.156	5.83
73	MP1A	X	-7.088	3.07
74	MP1A	Z	12.277	3.07
75	MP1A	Mx	.005	3.07
76	MP1A	X	-7.088	4.1
77	MP1A	Z	12.277	4.1
78	MP1A	Mx	.005	4.1
79	MP1B	X	-1.74	3.07
80	MP1B	Z	3.013	3.07
81	MP1B	Mx	-.002	3.07
82	MP1B	X	-1.74	4.1
83	MP1B	Z	3.013	4.1
84	MP1B	Mx	-.002	4.1
85	MP1C	X	-7.088	3.07
86	MP1C	Z	12.277	3.07
87	MP1C	Mx	.005	3.07
88	MP1C	X	-7.088	4.1
89	MP1C	Z	12.277	4.1
90	MP1C	Mx	.005	4.1
91	MP2A	X	-17.095	3.42
92	MP2A	Z	29.609	3.42
93	MP2A	Mx	-.014	3.42
94	MP2A	X	-17.095	3.42
95	MP2A	Z	29.609	3.42
96	MP2A	Mx	-.014	3.42
97	MP2B	X	-12.46	3.42
98	MP2B	Z	21.581	3.42
99	MP2B	Mx	.021	3.42
100	MP2B	X	-12.46	3.42
101	MP2B	Z	21.581	3.42
102	MP2B	Mx	.021	3.42
103	MP2C	X	-17.095	3.42
104	MP2C	Z	29.609	3.42
105	MP2C	Mx	-.014	3.42
106	MP2C	X	-17.095	3.42
107	MP2C	Z	29.609	3.42
108	MP2C	Mx	-.014	3.42
109	MP3A	X	-16.503	3.42
110	MP3A	Z	28.584	3.42
111	MP3A	Mx	-.014	3.42
112	MP3A	X	-16.503	3.42
113	MP3A	Z	28.584	3.42
114	MP3A	Mx	-.014	3.42
115	MP3B	X	-10.092	3.42
116	MP3B	Z	17.48	3.42
117	MP3B	Mx	.017	3.42
118	MP3B	X	-10.092	3.42
119	MP3B	Z	17.48	3.42
120	MP3B	Mx	.017	3.42
121	MP3C	X	-16.503	3.42
122	MP3C	Z	28.584	3.42
123	MP3C	Mx	-.014	3.42
124	MP3C	X	-16.503	3.42
125	MP3C	Z	28.584	3.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
126	MP3C	Mx	-.014	3.42
127	OVPB	X	-30.875	1.5
128	OVPB	Z	53.477	1.5
129	OVPB	Mx	-.051	1.5
130	OVPB	X	-30.875	1.5
131	OVPB	Z	53.477	1.5
132	OVPB	Mx	-.051	1.5
133	OVPC	X	-33.273	1.5
134	OVPC	Z	57.631	1.5
135	OVPC	Mx	.048	1.5
136	OVPC	X	-33.273	1.5
137	OVPC	Z	57.631	1.5
138	OVPC	Mx	.048	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-44.111	2.62
2	MP4A	Z	25.468	2.62
3	MP4A	Mx	.044	2.62
4	MP4A	X	-44.111	4.55
5	MP4A	Z	25.468	4.55
6	MP4A	Mx	.044	4.55
7	MP4B	X	-44.111	2.62
8	MP4B	Z	25.468	2.62
9	MP4B	Mx	-.044	2.62
10	MP4B	X	-44.111	4.55
11	MP4B	Z	25.468	4.55
12	MP4B	Mx	-.044	4.55
13	MP4C	X	-81.143	2.62
14	MP4C	Z	46.848	2.62
15	MP4C	Mx	0	2.62
16	MP4C	X	-81.143	4.55
17	MP4C	Z	46.848	4.55
18	MP4C	Mx	0	4.55
19	MP3A	X	-19.095	.88
20	MP3A	Z	11.024	.88
21	MP3A	Mx	-.016	.88
22	MP3A	X	-19.095	.88
23	MP3A	Z	11.024	.88
24	MP3A	Mx	-.016	.88
25	MP3B	X	-19.095	.88
26	MP3B	Z	11.024	.88
27	MP3B	Mx	.016	.88
28	MP3B	X	-19.095	.88
29	MP3B	Z	11.024	.88
30	MP3B	Mx	.016	.88
31	MP3C	X	-33.838	.88
32	MP3C	Z	19.537	.88
33	MP3C	Mx	0	.88
34	MP3C	X	-33.838	.88
35	MP3C	Z	19.537	.88
36	MP3C	Mx	0	.88
37	MP3A	X	-123.139	1.33
38	MP3A	Z	71.094	1.33
39	MP3A	Mx	.165	1.33
40	MP3A	X	-123.139	5.83

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3A	Z	71.094	5.83
42	MP3A	Mx	.165	5.83
43	MP3B	X	-123.139	1.33
44	MP3B	Z	71.094	1.33
45	MP3B	Mx	-.082	1.33
46	MP3B	X	-123.139	5.83
47	MP3B	Z	71.094	5.83
48	MP3B	Mx	-.082	5.83
49	MP3C	X	-140.361	1.33
50	MP3C	Z	81.037	1.33
51	MP3C	Mx	-.095	1.33
52	MP3C	X	-140.361	5.83
53	MP3C	Z	81.037	5.83
54	MP3C	Mx	-.095	5.83
55	MP3A	X	-123.139	1.33
56	MP3A	Z	71.094	1.33
57	MP3A	Mx	.082	1.33
58	MP3A	X	-123.139	5.83
59	MP3A	Z	71.094	5.83
60	MP3A	Mx	.082	5.83
61	MP3B	X	-123.139	1.33
62	MP3B	Z	71.094	1.33
63	MP3B	Mx	-.165	1.33
64	MP3B	X	-123.139	5.83
65	MP3B	Z	71.094	5.83
66	MP3B	Mx	-.165	5.83
67	MP3C	X	-140.361	1.33
68	MP3C	Z	81.037	1.33
69	MP3C	Mx	.095	1.33
70	MP3C	X	-140.361	5.83
71	MP3C	Z	81.037	5.83
72	MP3C	Mx	.095	5.83
73	MP1A	X	-6.101	3.07
74	MP1A	Z	3.523	3.07
75	MP1A	Mx	.004	3.07
76	MP1A	X	-6.101	4.1
77	MP1A	Z	3.523	4.1
78	MP1A	Mx	.004	4.1
79	MP1B	X	-6.101	3.07
80	MP1B	Z	3.523	3.07
81	MP1B	Mx	-.004	3.07
82	MP1B	X	-6.101	4.1
83	MP1B	Z	3.523	4.1
84	MP1B	Mx	-.004	4.1
85	MP1C	X	-15.365	3.07
86	MP1C	Z	8.871	3.07
87	MP1C	Mx	0	3.07
88	MP1C	X	-15.365	4.1
89	MP1C	Z	8.871	4.1
90	MP1C	Mx	0	4.1
91	MP2A	X	-24.257	3.42
92	MP2A	Z	14.005	3.42
93	MP2A	Mx	-.02	3.42
94	MP2A	X	-24.257	3.42
95	MP2A	Z	14.005	3.42
96	MP2A	Mx	-.02	3.42
97	MP2B	X	-24.257	3.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP2B	Z	14.005	3.42
99	MP2B	Mx	.02	3.42
100	MP2B	X	-24.257	3.42
101	MP2B	Z	14.005	3.42
102	MP2B	Mx	.02	3.42
103	MP2C	X	-32.285	3.42
104	MP2C	Z	18.64	3.42
105	MP2C	Mx	0	3.42
106	MP2C	X	-32.285	3.42
107	MP2C	Z	18.64	3.42
108	MP2C	Mx	0	3.42
109	MP3A	X	-21.181	3.42
110	MP3A	Z	12.229	3.42
111	MP3A	Mx	-.018	3.42
112	MP3A	X	-21.181	3.42
113	MP3A	Z	12.229	3.42
114	MP3A	Mx	-.018	3.42
115	MP3B	X	-21.181	3.42
116	MP3B	Z	12.229	3.42
117	MP3B	Mx	.018	3.42
118	MP3B	X	-21.181	3.42
119	MP3B	Z	12.229	3.42
120	MP3B	Mx	.018	3.42
121	MP3C	X	-32.285	3.42
122	MP3C	Z	18.64	3.42
123	MP3C	Mx	0	3.42
124	MP3C	X	-32.285	3.42
125	MP3C	Z	18.64	3.42
126	MP3C	Mx	0	3.42
127	OVPB	X	-57.631	1.5
128	OVPB	Z	33.273	1.5
129	OVPB	Mx	-.048	1.5
130	OVPB	X	-57.631	1.5
131	OVPB	Z	33.273	1.5
132	OVPB	Mx	-.048	1.5
133	OVPC	X	-65.94	1.5
134	OVPC	Z	38.07	1.5
135	OVPC	Mx	.032	1.5
136	OVPC	X	-65.94	1.5
137	OVPC	Z	38.07	1.5
138	OVPC	Mx	.032	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-36.682	2.62
2	MP4A	Z	0	2.62
3	MP4A	Mx	.037	2.62
4	MP4A	X	-36.682	4.55
5	MP4A	Z	0	4.55
6	MP4A	Mx	.037	4.55
7	MP4B	X	-79.443	2.62
8	MP4B	Z	0	2.62
9	MP4B	Mx	-.04	2.62
10	MP4B	X	-79.443	4.55
11	MP4B	Z	0	4.55
12	MP4B	Mx	-.04	4.55

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP4C	X	-79.443	2.62
14	MP4C	Z	0	2.62
15	MP4C	Mx	-.04	2.62
16	MP4C	X	-79.443	4.55
17	MP4C	Z	0	4.55
18	MP4C	Mx	-.04	4.55
19	MP3A	X	-16.374	.88
20	MP3A	Z	0	.88
21	MP3A	Mx	-.014	.88
22	MP3A	X	-16.374	.88
23	MP3A	Z	0	.88
24	MP3A	Mx	-.014	.88
25	MP3B	X	-33.398	.88
26	MP3B	Z	0	.88
27	MP3B	Mx	.014	.88
28	MP3B	X	-33.398	.88
29	MP3B	Z	0	.88
30	MP3B	Mx	.014	.88
31	MP3C	X	-33.398	.88
32	MP3C	Z	0	.88
33	MP3C	Mx	.014	.88
34	MP3C	X	-33.398	.88
35	MP3C	Z	0	.88
36	MP3C	Mx	.014	.88
37	MP3A	X	-135.56	1.33
38	MP3A	Z	0	1.33
39	MP3A	Mx	.136	1.33
40	MP3A	X	-135.56	5.83
41	MP3A	Z	0	5.83
42	MP3A	Mx	.136	5.83
43	MP3B	X	-155.446	1.33
44	MP3B	Z	0	1.33
45	MP3B	Mx	.000805	1.33
46	MP3B	X	-155.446	5.83
47	MP3B	Z	0	5.83
48	MP3B	Mx	.000805	5.83
49	MP3C	X	-155.446	1.33
50	MP3C	Z	0	1.33
51	MP3C	Mx	-.156	1.33
52	MP3C	X	-155.446	5.83
53	MP3C	Z	0	5.83
54	MP3C	Mx	-.156	5.83
55	MP3A	X	-135.56	1.33
56	MP3A	Z	0	1.33
57	MP3A	Mx	.136	1.33
58	MP3A	X	-135.56	5.83
59	MP3A	Z	0	5.83
60	MP3A	Mx	.136	5.83
61	MP3B	X	-155.446	1.33
62	MP3B	Z	0	1.33
63	MP3B	Mx	-.156	1.33
64	MP3B	X	-155.446	5.83
65	MP3B	Z	0	5.83
66	MP3B	Mx	-.156	5.83
67	MP3C	X	-155.446	1.33
68	MP3C	Z	0	1.33
69	MP3C	Mx	.000805	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP3C	X	-155.446	5.83
71	MP3C	Z	0	5.83
72	MP3C	Mx	.000805	5.83
73	MP1A	X	-3.479	3.07
74	MP1A	Z	0	3.07
75	MP1A	Mx	.002	3.07
76	MP1A	X	-3.479	4.1
77	MP1A	Z	0	4.1
78	MP1A	Mx	.002	4.1
79	MP1B	X	-14.177	3.07
80	MP1B	Z	0	3.07
81	MP1B	Mx	-.005	3.07
82	MP1B	X	-14.177	4.1
83	MP1B	Z	0	4.1
84	MP1B	Mx	-.005	4.1
85	MP1C	X	-14.177	3.07
86	MP1C	Z	0	3.07
87	MP1C	Mx	-.005	3.07
88	MP1C	X	-14.177	4.1
89	MP1C	Z	0	4.1
90	MP1C	Mx	-.005	4.1
91	MP2A	X	-24.919	3.42
92	MP2A	Z	0	3.42
93	MP2A	Mx	-.021	3.42
94	MP2A	X	-24.919	3.42
95	MP2A	Z	0	3.42
96	MP2A	Mx	-.021	3.42
97	MP2B	X	-34.189	3.42
98	MP2B	Z	0	3.42
99	MP2B	Mx	.014	3.42
100	MP2B	X	-34.189	3.42
101	MP2B	Z	0	3.42
102	MP2B	Mx	.014	3.42
103	MP2C	X	-34.189	3.42
104	MP2C	Z	0	3.42
105	MP2C	Mx	.014	3.42
106	MP2C	X	-34.189	3.42
107	MP2C	Z	0	3.42
108	MP2C	Mx	.014	3.42
109	MP3A	X	-20.185	3.42
110	MP3A	Z	0	3.42
111	MP3A	Mx	-.017	3.42
112	MP3A	X	-20.185	3.42
113	MP3A	Z	0	3.42
114	MP3A	Mx	-.017	3.42
115	MP3B	X	-33.005	3.42
116	MP3B	Z	0	3.42
117	MP3B	Mx	.014	3.42
118	MP3B	X	-33.005	3.42
119	MP3B	Z	0	3.42
120	MP3B	Mx	.014	3.42
121	MP3C	X	-33.005	3.42
122	MP3C	Z	0	3.42
123	MP3C	Mx	.014	3.42
124	MP3C	X	-33.005	3.42
125	MP3C	Z	0	3.42
126	MP3C	Mx	.014	3.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
127	OVPB	X	-76.141	1.5
128	OVPB	Z	0	1.5
129	OVPB	Mx	-.032	1.5
130	OVPB	X	-76.141	1.5
131	OVPB	Z	0	1.5
132	OVPB	Mx	-.032	1.5
133	OVPC	X	-80.938	1.5
134	OVPC	Z	0	1.5
135	OVPC	Mx	0	1.5
136	OVPC	X	-80.938	1.5
137	OVPC	Z	0	1.5
138	OVPC	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-44.111	2.62
2	MP4A	Z	-25.468	2.62
3	MP4A	Mx	.044	2.62
4	MP4A	X	-44.111	4.55
5	MP4A	Z	-25.468	4.55
6	MP4A	Mx	.044	4.55
7	MP4B	X	-81.143	2.62
8	MP4B	Z	-46.848	2.62
9	MP4B	Mx	0	2.62
10	MP4B	X	-81.143	4.55
11	MP4B	Z	-46.848	4.55
12	MP4B	Mx	0	4.55
13	MP4C	X	-44.111	2.62
14	MP4C	Z	-25.468	2.62
15	MP4C	Mx	-.044	2.62
16	MP4C	X	-44.111	4.55
17	MP4C	Z	-25.468	4.55
18	MP4C	Mx	-.044	4.55
19	MP3A	X	-19.095	.88
20	MP3A	Z	-11.024	.88
21	MP3A	Mx	-.016	.88
22	MP3A	X	-19.095	.88
23	MP3A	Z	-11.024	.88
24	MP3A	Mx	-.016	.88
25	MP3B	X	-33.838	.88
26	MP3B	Z	-19.537	.88
27	MP3B	Mx	0	.88
28	MP3B	X	-33.838	.88
29	MP3B	Z	-19.537	.88
30	MP3B	Mx	0	.88
31	MP3C	X	-19.095	.88
32	MP3C	Z	-11.024	.88
33	MP3C	Mx	.016	.88
34	MP3C	X	-19.095	.88
35	MP3C	Z	-11.024	.88
36	MP3C	Mx	.016	.88
37	MP3A	X	-123.139	1.33
38	MP3A	Z	-71.094	1.33
39	MP3A	Mx	.082	1.33
40	MP3A	X	-123.139	5.83
41	MP3A	Z	-71.094	5.83

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP3A	Mx	.082	5.83
43	MP3B	X	-140.361	1.33
44	MP3B	Z	-81.037	1.33
45	MP3B	Mx	.095	1.33
46	MP3B	X	-140.361	5.83
47	MP3B	Z	-81.037	5.83
48	MP3B	Mx	.095	5.83
49	MP3C	X	-123.139	1.33
50	MP3C	Z	-71.094	1.33
51	MP3C	Mx	-.165	1.33
52	MP3C	X	-123.139	5.83
53	MP3C	Z	-71.094	5.83
54	MP3C	Mx	-.165	5.83
55	MP3A	X	-123.139	1.33
56	MP3A	Z	-71.094	1.33
57	MP3A	Mx	.165	1.33
58	MP3A	X	-123.139	5.83
59	MP3A	Z	-71.094	5.83
60	MP3A	Mx	.165	5.83
61	MP3B	X	-140.361	1.33
62	MP3B	Z	-81.037	1.33
63	MP3B	Mx	-.095	1.33
64	MP3B	X	-140.361	5.83
65	MP3B	Z	-81.037	5.83
66	MP3B	Mx	-.095	5.83
67	MP3C	X	-123.139	1.33
68	MP3C	Z	-71.094	1.33
69	MP3C	Mx	-.082	1.33
70	MP3C	X	-123.139	5.83
71	MP3C	Z	-71.094	5.83
72	MP3C	Mx	-.082	5.83
73	MP1A	X	-6.101	3.07
74	MP1A	Z	-3.523	3.07
75	MP1A	Mx	.004	3.07
76	MP1A	X	-6.101	4.1
77	MP1A	Z	-3.523	4.1
78	MP1A	Mx	.004	4.1
79	MP1B	X	-15.365	3.07
80	MP1B	Z	-8.871	3.07
81	MP1B	Mx	0	3.07
82	MP1B	X	-15.365	4.1
83	MP1B	Z	-8.871	4.1
84	MP1B	Mx	0	4.1
85	MP1C	X	-6.101	3.07
86	MP1C	Z	-3.523	3.07
87	MP1C	Mx	-.004	3.07
88	MP1C	X	-6.101	4.1
89	MP1C	Z	-3.523	4.1
90	MP1C	Mx	-.004	4.1
91	MP2A	X	-24.257	3.42
92	MP2A	Z	-14.005	3.42
93	MP2A	Mx	-.02	3.42
94	MP2A	X	-24.257	3.42
95	MP2A	Z	-14.005	3.42
96	MP2A	Mx	-.02	3.42
97	MP2B	X	-32.285	3.42
98	MP2B	Z	-18.64	3.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
99	MP2B	Mx	0	3.42
100	MP2B	X	-32.285	3.42
101	MP2B	Z	-18.64	3.42
102	MP2B	Mx	0	3.42
103	MP2C	X	-24.257	3.42
104	MP2C	Z	-14.005	3.42
105	MP2C	Mx	.02	3.42
106	MP2C	X	-24.257	3.42
107	MP2C	Z	-14.005	3.42
108	MP2C	Mx	.02	3.42
109	MP3A	X	-21.181	3.42
110	MP3A	Z	-12.229	3.42
111	MP3A	Mx	-.018	3.42
112	MP3A	X	-21.181	3.42
113	MP3A	Z	-12.229	3.42
114	MP3A	Mx	-.018	3.42
115	MP3B	X	-32.285	3.42
116	MP3B	Z	-18.64	3.42
117	MP3B	Mx	0	3.42
118	MP3B	X	-32.285	3.42
119	MP3B	Z	-18.64	3.42
120	MP3B	Mx	0	3.42
121	MP3C	X	-21.181	3.42
122	MP3C	Z	-12.229	3.42
123	MP3C	Mx	.018	3.42
124	MP3C	X	-21.181	3.42
125	MP3C	Z	-12.229	3.42
126	MP3C	Mx	.018	3.42
127	OVPB	X	-70.094	1.5
128	OVPB	Z	-40.469	1.5
129	OVPB	Mx	0	1.5
130	OVPB	X	-70.094	1.5
131	OVPB	Z	-40.469	1.5
132	OVPB	Mx	0	1.5
133	OVPC	X	-65.94	1.5
134	OVPC	Z	-38.07	1.5
135	OVPC	Mx	-.032	1.5
136	OVPC	X	-65.94	1.5
137	OVPC	Z	-38.07	1.5
138	OVPC	Mx	-.032	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-39.721	2.62
2	MP4A	Z	-68.799	2.62
3	MP4A	Mx	.04	2.62
4	MP4A	X	-39.721	4.55
5	MP4A	Z	-68.799	4.55
6	MP4A	Mx	.04	4.55
7	MP4B	X	-39.721	2.62
8	MP4B	Z	-68.799	2.62
9	MP4B	Mx	.04	2.62
10	MP4B	X	-39.721	4.55
11	MP4B	Z	-68.799	4.55
12	MP4B	Mx	.04	4.55
13	MP4C	X	-18.341	2.62

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP4C	Z	-31.767	2.62
15	MP4C	Mx	-.037	2.62
16	MP4C	X	-18.341	4.55
17	MP4C	Z	-31.767	4.55
18	MP4C	Mx	-.037	4.55
19	MP3A	X	-16.699	.88
20	MP3A	Z	-28.924	.88
21	MP3A	Mx	-.014	.88
22	MP3A	X	-16.699	.88
23	MP3A	Z	-28.924	.88
24	MP3A	Mx	-.014	.88
25	MP3B	X	-16.699	.88
26	MP3B	Z	-28.924	.88
27	MP3B	Mx	-.014	.88
28	MP3B	X	-16.699	.88
29	MP3B	Z	-28.924	.88
30	MP3B	Mx	-.014	.88
31	MP3C	X	-8.187	.88
32	MP3C	Z	-14.18	.88
33	MP3C	Mx	.014	.88
34	MP3C	X	-8.187	.88
35	MP3C	Z	-14.18	.88
36	MP3C	Mx	.014	.88
37	MP3A	X	-77.723	1.33
38	MP3A	Z	-134.62	1.33
39	MP3A	Mx	-.000805	1.33
40	MP3A	X	-77.723	5.83
41	MP3A	Z	-134.62	5.83
42	MP3A	Mx	-.000805	5.83
43	MP3B	X	-77.723	1.33
44	MP3B	Z	-134.62	1.33
45	MP3B	Mx	.156	1.33
46	MP3B	X	-77.723	5.83
47	MP3B	Z	-134.62	5.83
48	MP3B	Mx	.156	5.83
49	MP3C	X	-67.78	1.33
50	MP3C	Z	-117.399	1.33
51	MP3C	Mx	-.136	1.33
52	MP3C	X	-67.78	5.83
53	MP3C	Z	-117.399	5.83
54	MP3C	Mx	-.136	5.83
55	MP3A	X	-77.723	1.33
56	MP3A	Z	-134.62	1.33
57	MP3A	Mx	.156	1.33
58	MP3A	X	-77.723	5.83
59	MP3A	Z	-134.62	5.83
60	MP3A	Mx	.156	5.83
61	MP3B	X	-77.723	1.33
62	MP3B	Z	-134.62	1.33
63	MP3B	Mx	-.000806	1.33
64	MP3B	X	-77.723	5.83
65	MP3B	Z	-134.62	5.83
66	MP3B	Mx	-.000806	5.83
67	MP3C	X	-67.78	1.33
68	MP3C	Z	-117.399	1.33
69	MP3C	Mx	-.136	1.33
70	MP3C	X	-67.78	5.83

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP3C	Z	-117.399	5.83
72	MP3C	Mx	-.136	5.83
73	MP1A	X	-7.088	3.07
74	MP1A	Z	-12.277	3.07
75	MP1A	Mx	.005	3.07
76	MP1A	X	-7.088	4.1
77	MP1A	Z	-12.277	4.1
78	MP1A	Mx	.005	4.1
79	MP1B	X	-7.088	3.07
80	MP1B	Z	-12.277	3.07
81	MP1B	Mx	.005	3.07
82	MP1B	X	-7.088	4.1
83	MP1B	Z	-12.277	4.1
84	MP1B	Mx	.005	4.1
85	MP1C	X	-1.74	3.07
86	MP1C	Z	-3.013	3.07
87	MP1C	Mx	-.002	3.07
88	MP1C	X	-1.74	4.1
89	MP1C	Z	-3.013	4.1
90	MP1C	Mx	-.002	4.1
91	MP2A	X	-17.095	3.42
92	MP2A	Z	-29.609	3.42
93	MP2A	Mx	-.014	3.42
94	MP2A	X	-17.095	3.42
95	MP2A	Z	-29.609	3.42
96	MP2A	Mx	-.014	3.42
97	MP2B	X	-17.095	3.42
98	MP2B	Z	-29.609	3.42
99	MP2B	Mx	-.014	3.42
100	MP2B	X	-17.095	3.42
101	MP2B	Z	-29.609	3.42
102	MP2B	Mx	-.014	3.42
103	MP2C	X	-12.46	3.42
104	MP2C	Z	-21.581	3.42
105	MP2C	Mx	.021	3.42
106	MP2C	X	-12.46	3.42
107	MP2C	Z	-21.581	3.42
108	MP2C	Mx	.021	3.42
109	MP3A	X	-16.503	3.42
110	MP3A	Z	-28.584	3.42
111	MP3A	Mx	-.014	3.42
112	MP3A	X	-16.503	3.42
113	MP3A	Z	-28.584	3.42
114	MP3A	Mx	-.014	3.42
115	MP3B	X	-16.503	3.42
116	MP3B	Z	-28.584	3.42
117	MP3B	Mx	-.014	3.42
118	MP3B	X	-16.503	3.42
119	MP3B	Z	-28.584	3.42
120	MP3B	Mx	-.014	3.42
121	MP3C	X	-10.092	3.42
122	MP3C	Z	-17.48	3.42
123	MP3C	Mx	.017	3.42
124	MP3C	X	-10.092	3.42
125	MP3C	Z	-17.48	3.42
126	MP3C	Mx	.017	3.42
127	OVPB	X	-38.07	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
128	OVPB	Z	-65.94	1.5
129	OVPB	Mx	.032	1.5
130	OVPB	X	-38.07	1.5
131	OVPB	Z	-65.94	1.5
132	OVPB	Mx	.032	1.5
133	OVPC	X	-33.273	1.5
134	OVPC	Z	-57.631	1.5
135	OVPC	Mx	-.048	1.5
136	OVPC	X	-33.273	1.5
137	OVPC	Z	-57.631	1.5
138	OVPC	Mx	-.048	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2.62
2	MP4A	Z	-19.313	2.62
3	MP4A	Mx	0	2.62
4	MP4A	X	0	4.55
5	MP4A	Z	-19.313	4.55
6	MP4A	Mx	0	4.55
7	MP4B	X	0	2.62
8	MP4B	Z	-10.994	2.62
9	MP4B	Mx	.01	2.62
10	MP4B	X	0	4.55
11	MP4B	Z	-10.994	4.55
12	MP4B	Mx	.01	4.55
13	MP4C	X	0	2.62
14	MP4C	Z	-10.994	2.62
15	MP4C	Mx	-.01	2.62
16	MP4C	X	0	4.55
17	MP4C	Z	-10.994	4.55
18	MP4C	Mx	-.01	4.55
19	MP3A	X	0	.88
20	MP3A	Z	-8.435	.88
21	MP3A	Mx	0	.88
22	MP3A	X	0	.88
23	MP3A	Z	-8.435	.88
24	MP3A	Mx	0	.88
25	MP3B	X	0	.88
26	MP3B	Z	-5.084	.88
27	MP3B	Mx	-.004	.88
28	MP3B	X	0	.88
29	MP3B	Z	-5.084	.88
30	MP3B	Mx	-.004	.88
31	MP3C	X	0	.88
32	MP3C	Z	-5.084	.88
33	MP3C	Mx	.004	.88
34	MP3C	X	0	.88
35	MP3C	Z	-5.084	.88
36	MP3C	Mx	.004	.88
37	MP3A	X	0	1.33
38	MP3A	Z	-32.631	1.33
39	MP3A	Mx	-.019	1.33
40	MP3A	X	0	5.83
41	MP3A	Z	-32.631	5.83
42	MP3A	Mx	-.019	5.83

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP3B	X	0	1.33
44	MP3B	Z	-28.923	1.33
45	MP3B	Mx	.033	1.33
46	MP3B	X	0	5.83
47	MP3B	Z	-28.923	5.83
48	MP3B	Mx	.033	5.83
49	MP3C	X	0	1.33
50	MP3C	Z	-28.923	1.33
51	MP3C	Mx	-.017	1.33
52	MP3C	X	0	5.83
53	MP3C	Z	-28.923	5.83
54	MP3C	Mx	-.017	5.83
55	MP3A	X	0	1.33
56	MP3A	Z	-32.631	1.33
57	MP3A	Mx	.019	1.33
58	MP3A	X	0	5.83
59	MP3A	Z	-32.631	5.83
60	MP3A	Mx	.019	5.83
61	MP3B	X	0	1.33
62	MP3B	Z	-28.923	1.33
63	MP3B	Mx	.017	1.33
64	MP3B	X	0	5.83
65	MP3B	Z	-28.923	5.83
66	MP3B	Mx	.017	5.83
67	MP3C	X	0	1.33
68	MP3C	Z	-28.923	1.33
69	MP3C	Mx	-.033	1.33
70	MP3C	X	0	5.83
71	MP3C	Z	-28.923	5.83
72	MP3C	Mx	-.033	5.83
73	MP1A	X	0	3.07
74	MP1A	Z	-4.191	3.07
75	MP1A	Mx	0	3.07
76	MP1A	X	0	4.1
77	MP1A	Z	-4.191	4.1
78	MP1A	Mx	0	4.1
79	MP1B	X	0	3.07
80	MP1B	Z	-1.969	3.07
81	MP1B	Mx	.001	3.07
82	MP1B	X	0	4.1
83	MP1B	Z	-1.969	4.1
84	MP1B	Mx	.001	4.1
85	MP1C	X	0	3.07
86	MP1C	Z	-1.969	3.07
87	MP1C	Mx	-.001	3.07
88	MP1C	X	0	4.1
89	MP1C	Z	-1.969	4.1
90	MP1C	Mx	-.001	4.1
91	MP2A	X	0	3.42
92	MP2A	Z	-8.135	3.42
93	MP2A	Mx	0	3.42
94	MP2A	X	0	3.42
95	MP2A	Z	-8.135	3.42
96	MP2A	Mx	0	3.42
97	MP2B	X	0	3.42
98	MP2B	Z	-6.277	3.42
99	MP2B	Mx	-.005	3.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
100	MP2B	X	0	3.42
101	MP2B	Z	-6.277	3.42
102	MP2B	Mx	-.005	3.42
103	MP2C	X	0	3.42
104	MP2C	Z	-6.277	3.42
105	MP2C	Mx	.005	3.42
106	MP2C	X	0	3.42
107	MP2C	Z	-6.277	3.42
108	MP2C	Mx	.005	3.42
109	MP3A	X	0	3.42
110	MP3A	Z	-8.135	3.42
111	MP3A	Mx	0	3.42
112	MP3A	X	0	3.42
113	MP3A	Z	-8.135	3.42
114	MP3A	Mx	0	3.42
115	MP3B	X	0	3.42
116	MP3B	Z	-5.57	3.42
117	MP3B	Mx	-.004	3.42
118	MP3B	X	0	3.42
119	MP3B	Z	-5.57	3.42
120	MP3B	Mx	-.004	3.42
121	MP3C	X	0	3.42
122	MP3C	Z	-5.57	3.42
123	MP3C	Mx	.004	3.42
124	MP3C	X	0	3.42
125	MP3C	Z	-5.57	3.42
126	MP3C	Mx	.004	3.42
127	OVPB	X	0	1.5
128	OVPB	Z	-13.989	1.5
129	OVPB	Mx	.01	1.5
130	OVPB	X	0	1.5
131	OVPB	Z	-13.989	1.5
132	OVPB	Mx	.01	1.5
133	OVPC	X	0	1.5
134	OVPC	Z	-13.077	1.5
135	OVPC	Mx	-.011	1.5
136	OVPC	X	0	1.5
137	OVPC	Z	-13.077	1.5
138	OVPC	Mx	-.011	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	8.27	2.62
2	MP4A	Z	-14.324	2.62
3	MP4A	Mx	-.008	2.62
4	MP4A	X	8.27	4.55
5	MP4A	Z	-14.324	4.55
6	MP4A	Mx	-.008	4.55
7	MP4B	X	4.111	2.62
8	MP4B	Z	-7.12	2.62
9	MP4B	Mx	.008	2.62
10	MP4B	X	4.111	4.55
11	MP4B	Z	-7.12	4.55
12	MP4B	Mx	.008	4.55
13	MP4C	X	8.27	2.62
14	MP4C	Z	-14.324	2.62

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP4C	Mx	-.008	2.62
16	MP4C	X	8.27	4.55
17	MP4C	Z	-14.324	4.55
18	MP4C	Mx	-.008	4.55
19	MP3A	X	3.659	.88
20	MP3A	Z	-6.338	.88
21	MP3A	Mx	.003	.88
22	MP3A	X	3.659	.88
23	MP3A	Z	-6.338	.88
24	MP3A	Mx	.003	.88
25	MP3B	X	1.983	.88
26	MP3B	Z	-3.435	.88
27	MP3B	Mx	-.003	.88
28	MP3B	X	1.983	.88
29	MP3B	Z	-3.435	.88
30	MP3B	Mx	-.003	.88
31	MP3C	X	3.659	.88
32	MP3C	Z	-6.338	.88
33	MP3C	Mx	.003	.88
34	MP3C	X	3.659	.88
35	MP3C	Z	-6.338	.88
36	MP3C	Mx	.003	.88
37	MP3A	X	15.697	1.33
38	MP3A	Z	-27.189	1.33
39	MP3A	Mx	-.032	1.33
40	MP3A	X	15.697	5.83
41	MP3A	Z	-27.189	5.83
42	MP3A	Mx	-.032	5.83
43	MP3B	X	13.843	1.33
44	MP3B	Z	-23.978	1.33
45	MP3B	Mx	.028	1.33
46	MP3B	X	13.843	5.83
47	MP3B	Z	-23.978	5.83
48	MP3B	Mx	.028	5.83
49	MP3C	X	15.697	1.33
50	MP3C	Z	-27.189	1.33
51	MP3C	Mx	.000162	1.33
52	MP3C	X	15.697	5.83
53	MP3C	Z	-27.189	5.83
54	MP3C	Mx	.000162	5.83
55	MP3A	X	15.697	1.33
56	MP3A	Z	-27.189	1.33
57	MP3A	Mx	.000163	1.33
58	MP3A	X	15.697	5.83
59	MP3A	Z	-27.189	5.83
60	MP3A	Mx	.000163	5.83
61	MP3B	X	13.843	1.33
62	MP3B	Z	-23.978	1.33
63	MP3B	Mx	.028	1.33
64	MP3B	X	13.843	5.83
65	MP3B	Z	-23.978	5.83
66	MP3B	Mx	.028	5.83
67	MP3C	X	15.697	1.33
68	MP3C	Z	-27.189	1.33
69	MP3C	Mx	-.032	1.33
70	MP3C	X	15.697	5.83
71	MP3C	Z	-27.189	5.83

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP3C	Mx	-.032	5.83
73	MP1A	X	1.725	3.07
74	MP1A	Z	-2.988	3.07
75	MP1A	Mx	-.001	3.07
76	MP1A	X	1.725	4.1
77	MP1A	Z	-2.988	4.1
78	MP1A	Mx	-.001	4.1
79	MP1B	X	.614	3.07
80	MP1B	Z	-1.064	3.07
81	MP1B	Mx	.000819	3.07
82	MP1B	X	.614	4.1
83	MP1B	Z	-1.064	4.1
84	MP1B	Mx	.000819	4.1
85	MP1C	X	1.725	3.07
86	MP1C	Z	-2.988	3.07
87	MP1C	Mx	-.001	3.07
88	MP1C	X	1.725	4.1
89	MP1C	Z	-2.988	4.1
90	MP1C	Mx	-.001	4.1
91	MP2A	X	3.758	3.42
92	MP2A	Z	-6.509	3.42
93	MP2A	Mx	.003	3.42
94	MP2A	X	3.758	3.42
95	MP2A	Z	-6.509	3.42
96	MP2A	Mx	.003	3.42
97	MP2B	X	2.829	3.42
98	MP2B	Z	-4.899	3.42
99	MP2B	Mx	-.005	3.42
100	MP2B	X	2.829	3.42
101	MP2B	Z	-4.899	3.42
102	MP2B	Mx	-.005	3.42
103	MP2C	X	3.758	3.42
104	MP2C	Z	-6.509	3.42
105	MP2C	Mx	.003	3.42
106	MP2C	X	3.758	3.42
107	MP2C	Z	-6.509	3.42
108	MP2C	Mx	.003	3.42
109	MP3A	X	3.64	3.42
110	MP3A	Z	-6.305	3.42
111	MP3A	Mx	.003	3.42
112	MP3A	X	3.64	3.42
113	MP3A	Z	-6.305	3.42
114	MP3A	Mx	.003	3.42
115	MP3B	X	2.358	3.42
116	MP3B	Z	-4.084	3.42
117	MP3B	Mx	-.004	3.42
118	MP3B	X	2.358	3.42
119	MP3B	Z	-4.084	3.42
120	MP3B	Mx	-.004	3.42
121	MP3C	X	3.64	3.42
122	MP3C	Z	-6.305	3.42
123	MP3C	Mx	.003	3.42
124	MP3C	X	3.64	3.42
125	MP3C	Z	-6.305	3.42
126	MP3C	Mx	.003	3.42
127	OVPB	X	6.538	1.5
128	OVPB	Z	-11.325	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
129	OVPB	Mx	.011	1.5
130	OVPB	X	6.538	1.5
131	OVPB	Z	-11.325	1.5
132	OVPB	Mx	.011	1.5
133	OVPC	X	6.994	1.5
134	OVPC	Z	-12.115	1.5
135	OVPC	Mx	-.01	1.5
136	OVPC	X	6.994	1.5
137	OVPC	Z	-12.115	1.5
138	OVPC	Mx	-.01	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	9.521	2.62
2	MP4A	Z	-5.497	2.62
3	MP4A	Mx	-.01	2.62
4	MP4A	X	9.521	4.55
5	MP4A	Z	-5.497	4.55
6	MP4A	Mx	-.01	4.55
7	MP4B	X	9.521	2.62
8	MP4B	Z	-5.497	2.62
9	MP4B	Mx	.01	2.62
10	MP4B	X	9.521	4.55
11	MP4B	Z	-5.497	4.55
12	MP4B	Mx	.01	4.55
13	MP4C	X	16.726	2.62
14	MP4C	Z	-9.657	2.62
15	MP4C	Mx	0	2.62
16	MP4C	X	16.726	4.55
17	MP4C	Z	-9.657	4.55
18	MP4C	Mx	0	4.55
19	MP3A	X	4.403	.88
20	MP3A	Z	-2.542	.88
21	MP3A	Mx	.004	.88
22	MP3A	X	4.403	.88
23	MP3A	Z	-2.542	.88
24	MP3A	Mx	.004	.88
25	MP3B	X	4.403	.88
26	MP3B	Z	-2.542	.88
27	MP3B	Mx	-.004	.88
28	MP3B	X	4.403	.88
29	MP3B	Z	-2.542	.88
30	MP3B	Mx	-.004	.88
31	MP3C	X	7.305	.88
32	MP3C	Z	-4.218	.88
33	MP3C	Mx	0	.88
34	MP3C	X	7.305	.88
35	MP3C	Z	-4.218	.88
36	MP3C	Mx	0	.88
37	MP3A	X	25.048	1.33
38	MP3A	Z	-14.461	1.33
39	MP3A	Mx	-.033	1.33
40	MP3A	X	25.048	5.83
41	MP3A	Z	-14.461	5.83
42	MP3A	Mx	-.033	5.83
43	MP3B	X	25.048	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP3B	Z	-14.461	1.33
45	MP3B	Mx	.017	1.33
46	MP3B	X	25.048	5.83
47	MP3B	Z	-14.461	5.83
48	MP3B	Mx	.017	5.83
49	MP3C	X	28.259	1.33
50	MP3C	Z	-16.315	1.33
51	MP3C	Mx	.019	1.33
52	MP3C	X	28.259	5.83
53	MP3C	Z	-16.315	5.83
54	MP3C	Mx	.019	5.83
55	MP3A	X	25.048	1.33
56	MP3A	Z	-14.461	1.33
57	MP3A	Mx	-.017	1.33
58	MP3A	X	25.048	5.83
59	MP3A	Z	-14.461	5.83
60	MP3A	Mx	-.017	5.83
61	MP3B	X	25.048	1.33
62	MP3B	Z	-14.461	1.33
63	MP3B	Mx	.033	1.33
64	MP3B	X	25.048	5.83
65	MP3B	Z	-14.461	5.83
66	MP3B	Mx	.033	5.83
67	MP3C	X	28.259	1.33
68	MP3C	Z	-16.315	1.33
69	MP3C	Mx	-.019	1.33
70	MP3C	X	28.259	5.83
71	MP3C	Z	-16.315	5.83
72	MP3C	Mx	-.019	5.83
73	MP1A	X	1.705	3.07
74	MP1A	Z	-.985	3.07
75	MP1A	Mx	-.001	3.07
76	MP1A	X	1.705	4.1
77	MP1A	Z	-.985	4.1
78	MP1A	Mx	-.001	4.1
79	MP1B	X	1.705	3.07
80	MP1B	Z	-.985	3.07
81	MP1B	Mx	.001	3.07
82	MP1B	X	1.705	4.1
83	MP1B	Z	-.985	4.1
84	MP1B	Mx	.001	4.1
85	MP1C	X	3.629	3.07
86	MP1C	Z	-2.095	3.07
87	MP1C	Mx	0	3.07
88	MP1C	X	3.629	4.1
89	MP1C	Z	-2.095	4.1
90	MP1C	Mx	0	4.1
91	MP2A	X	5.436	3.42
92	MP2A	Z	-3.138	3.42
93	MP2A	Mx	.005	3.42
94	MP2A	X	5.436	3.42
95	MP2A	Z	-3.138	3.42
96	MP2A	Mx	.005	3.42
97	MP2B	X	5.436	3.42
98	MP2B	Z	-3.138	3.42
99	MP2B	Mx	-.005	3.42
100	MP2B	X	5.436	3.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP2B	Z	-3.138	3.42
102	MP2B	Mx	-.005	3.42
103	MP2C	X	7.045	3.42
104	MP2C	Z	-4.068	3.42
105	MP2C	Mx	0	3.42
106	MP2C	X	7.045	3.42
107	MP2C	Z	-4.068	3.42
108	MP2C	Mx	0	3.42
109	MP3A	X	4.824	3.42
110	MP3A	Z	-2.785	3.42
111	MP3A	Mx	.004	3.42
112	MP3A	X	4.824	3.42
113	MP3A	Z	-2.785	3.42
114	MP3A	Mx	.004	3.42
115	MP3B	X	4.824	3.42
116	MP3B	Z	-2.785	3.42
117	MP3B	Mx	-.004	3.42
118	MP3B	X	4.824	3.42
119	MP3B	Z	-2.785	3.42
120	MP3B	Mx	-.004	3.42
121	MP3C	X	7.045	3.42
122	MP3C	Z	-4.068	3.42
123	MP3C	Mx	0	3.42
124	MP3C	X	7.045	3.42
125	MP3C	Z	-4.068	3.42
126	MP3C	Mx	0	3.42
127	OVPB	X	12.115	1.5
128	OVPB	Z	-6.994	1.5
129	OVPB	Mx	.01	1.5
130	OVPB	X	12.115	1.5
131	OVPB	Z	-6.994	1.5
132	OVPB	Mx	.01	1.5
133	OVPC	X	13.695	1.5
134	OVPC	Z	-7.907	1.5
135	OVPC	Mx	-.007	1.5
136	OVPC	X	13.695	1.5
137	OVPC	Z	-7.907	1.5
138	OVPC	Mx	-.007	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	8.221	2.62
2	MP4A	Z	0	2.62
3	MP4A	Mx	-.008	2.62
4	MP4A	X	8.221	4.55
5	MP4A	Z	0	4.55
6	MP4A	Mx	-.008	4.55
7	MP4B	X	16.54	2.62
8	MP4B	Z	0	2.62
9	MP4B	Mx	.008	2.62
10	MP4B	X	16.54	4.55
11	MP4B	Z	0	4.55
12	MP4B	Mx	.008	4.55
13	MP4C	X	16.54	2.62
14	MP4C	Z	0	2.62
15	MP4C	Mx	.008	2.62

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP4C	X	16.54	4.55
17	MP4C	Z	0	4.55
18	MP4C	Mx	.008	4.55
19	MP3A	X	3.967	.88
20	MP3A	Z	0	.88
21	MP3A	Mx	.003	.88
22	MP3A	X	3.967	.88
23	MP3A	Z	0	.88
24	MP3A	Mx	.003	.88
25	MP3B	X	7.318	.88
26	MP3B	Z	0	.88
27	MP3B	Mx	-.003	.88
28	MP3B	X	7.318	.88
29	MP3B	Z	0	.88
30	MP3B	Mx	-.003	.88
31	MP3C	X	7.318	.88
32	MP3C	Z	0	.88
33	MP3C	Mx	-.003	.88
34	MP3C	X	7.318	.88
35	MP3C	Z	0	.88
36	MP3C	Mx	-.003	.88
37	MP3A	X	27.687	1.33
38	MP3A	Z	0	1.33
39	MP3A	Mx	-.028	1.33
40	MP3A	X	27.687	5.83
41	MP3A	Z	0	5.83
42	MP3A	Mx	-.028	5.83
43	MP3B	X	31.395	1.33
44	MP3B	Z	0	1.33
45	MP3B	Mx	-.000163	1.33
46	MP3B	X	31.395	5.83
47	MP3B	Z	0	5.83
48	MP3B	Mx	-.000163	5.83
49	MP3C	X	31.395	1.33
50	MP3C	Z	0	1.33
51	MP3C	Mx	.032	1.33
52	MP3C	X	31.395	5.83
53	MP3C	Z	0	5.83
54	MP3C	Mx	.032	5.83
55	MP3A	X	27.687	1.33
56	MP3A	Z	0	1.33
57	MP3A	Mx	-.028	1.33
58	MP3A	X	27.687	5.83
59	MP3A	Z	0	5.83
60	MP3A	Mx	-.028	5.83
61	MP3B	X	31.395	1.33
62	MP3B	Z	0	1.33
63	MP3B	Mx	.032	1.33
64	MP3B	X	31.395	5.83
65	MP3B	Z	0	5.83
66	MP3B	Mx	.032	5.83
67	MP3C	X	31.395	1.33
68	MP3C	Z	0	1.33
69	MP3C	Mx	-.000163	1.33
70	MP3C	X	31.395	5.83
71	MP3C	Z	0	5.83
72	MP3C	Mx	-.000163	5.83

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP1A	X	1.229	3.07
74	MP1A	Z	0	3.07
75	MP1A	Mx	-.000819	3.07
76	MP1A	X	1.229	4.1
77	MP1A	Z	0	4.1
78	MP1A	Mx	-.000819	4.1
79	MP1B	X	3.45	3.07
80	MP1B	Z	0	3.07
81	MP1B	Mx	.001	3.07
82	MP1B	X	3.45	4.1
83	MP1B	Z	0	4.1
84	MP1B	Mx	.001	4.1
85	MP1C	X	3.45	3.07
86	MP1C	Z	0	3.07
87	MP1C	Mx	.001	3.07
88	MP1C	X	3.45	4.1
89	MP1C	Z	0	4.1
90	MP1C	Mx	.001	4.1
91	MP2A	X	5.657	3.42
92	MP2A	Z	0	3.42
93	MP2A	Mx	.005	3.42
94	MP2A	X	5.657	3.42
95	MP2A	Z	0	3.42
96	MP2A	Mx	.005	3.42
97	MP2B	X	7.516	3.42
98	MP2B	Z	0	3.42
99	MP2B	Mx	-.003	3.42
100	MP2B	X	7.516	3.42
101	MP2B	Z	0	3.42
102	MP2B	Mx	-.003	3.42
103	MP2C	X	7.516	3.42
104	MP2C	Z	0	3.42
105	MP2C	Mx	-.003	3.42
106	MP2C	X	7.516	3.42
107	MP2C	Z	0	3.42
108	MP2C	Mx	-.003	3.42
109	MP3A	X	4.715	3.42
110	MP3A	Z	0	3.42
111	MP3A	Mx	.004	3.42
112	MP3A	X	4.715	3.42
113	MP3A	Z	0	3.42
114	MP3A	Mx	.004	3.42
115	MP3B	X	7.28	3.42
116	MP3B	Z	0	3.42
117	MP3B	Mx	-.003	3.42
118	MP3B	X	7.28	3.42
119	MP3B	Z	0	3.42
120	MP3B	Mx	-.003	3.42
121	MP3C	X	7.28	3.42
122	MP3C	Z	0	3.42
123	MP3C	Mx	-.003	3.42
124	MP3C	X	7.28	3.42
125	MP3C	Z	0	3.42
126	MP3C	Mx	-.003	3.42
127	OVPB	X	15.813	1.5
128	OVPB	Z	0	1.5
129	OVPB	Mx	.007	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
130	OVPB	X	15.813	1.5
131	OVPB	Z	0	1.5
132	OVPB	Mx	.007	1.5
133	OVPC	X	16.725	1.5
134	OVPC	Z	0	1.5
135	OVPC	Mx	0	1.5
136	OVPC	X	16.725	1.5
137	OVPC	Z	0	1.5
138	OVPC	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	9.521	2.62
2	MP4A	Z	5.497	2.62
3	MP4A	Mx	-.01	2.62
4	MP4A	X	9.521	4.55
5	MP4A	Z	5.497	4.55
6	MP4A	Mx	-.01	4.55
7	MP4B	X	16.726	2.62
8	MP4B	Z	9.657	2.62
9	MP4B	Mx	0	2.62
10	MP4B	X	16.726	4.55
11	MP4B	Z	9.657	4.55
12	MP4B	Mx	0	4.55
13	MP4C	X	9.521	2.62
14	MP4C	Z	5.497	2.62
15	MP4C	Mx	.01	2.62
16	MP4C	X	9.521	4.55
17	MP4C	Z	5.497	4.55
18	MP4C	Mx	.01	4.55
19	MP3A	X	4.403	.88
20	MP3A	Z	2.542	.88
21	MP3A	Mx	.004	.88
22	MP3A	X	4.403	.88
23	MP3A	Z	2.542	.88
24	MP3A	Mx	.004	.88
25	MP3B	X	7.305	.88
26	MP3B	Z	4.218	.88
27	MP3B	Mx	0	.88
28	MP3B	X	7.305	.88
29	MP3B	Z	4.218	.88
30	MP3B	Mx	0	.88
31	MP3C	X	4.403	.88
32	MP3C	Z	2.542	.88
33	MP3C	Mx	-.004	.88
34	MP3C	X	4.403	.88
35	MP3C	Z	2.542	.88
36	MP3C	Mx	-.004	.88
37	MP3A	X	25.048	1.33
38	MP3A	Z	14.461	1.33
39	MP3A	Mx	-.017	1.33
40	MP3A	X	25.048	5.83
41	MP3A	Z	14.461	5.83
42	MP3A	Mx	-.017	5.83
43	MP3B	X	28.259	1.33
44	MP3B	Z	16.315	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP3B	Mx	-.019	1.33
46	MP3B	X	28.259	5.83
47	MP3B	Z	16.315	5.83
48	MP3B	Mx	-.019	5.83
49	MP3C	X	25.048	1.33
50	MP3C	Z	14.461	1.33
51	MP3C	Mx	.033	1.33
52	MP3C	X	25.048	5.83
53	MP3C	Z	14.461	5.83
54	MP3C	Mx	.033	5.83
55	MP3A	X	25.048	1.33
56	MP3A	Z	14.461	1.33
57	MP3A	Mx	-.033	1.33
58	MP3A	X	25.048	5.83
59	MP3A	Z	14.461	5.83
60	MP3A	Mx	-.033	5.83
61	MP3B	X	28.259	1.33
62	MP3B	Z	16.315	1.33
63	MP3B	Mx	.019	1.33
64	MP3B	X	28.259	5.83
65	MP3B	Z	16.315	5.83
66	MP3B	Mx	.019	5.83
67	MP3C	X	25.048	1.33
68	MP3C	Z	14.461	1.33
69	MP3C	Mx	.017	1.33
70	MP3C	X	25.048	5.83
71	MP3C	Z	14.461	5.83
72	MP3C	Mx	.017	5.83
73	MP1A	X	1.705	3.07
74	MP1A	Z	.985	3.07
75	MP1A	Mx	-.001	3.07
76	MP1A	X	1.705	4.1
77	MP1A	Z	.985	4.1
78	MP1A	Mx	-.001	4.1
79	MP1B	X	3.629	3.07
80	MP1B	Z	2.095	3.07
81	MP1B	Mx	0	3.07
82	MP1B	X	3.629	4.1
83	MP1B	Z	2.095	4.1
84	MP1B	Mx	0	4.1
85	MP1C	X	1.705	3.07
86	MP1C	Z	.985	3.07
87	MP1C	Mx	.001	3.07
88	MP1C	X	1.705	4.1
89	MP1C	Z	.985	4.1
90	MP1C	Mx	.001	4.1
91	MP2A	X	5.436	3.42
92	MP2A	Z	3.138	3.42
93	MP2A	Mx	.005	3.42
94	MP2A	X	5.436	3.42
95	MP2A	Z	3.138	3.42
96	MP2A	Mx	.005	3.42
97	MP2B	X	7.045	3.42
98	MP2B	Z	4.068	3.42
99	MP2B	Mx	0	3.42
100	MP2B	X	7.045	3.42
101	MP2B	Z	4.068	3.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
102	MP2B	Mx	0	3.42
103	MP2C	X	5.436	3.42
104	MP2C	Z	3.138	3.42
105	MP2C	Mx	-.005	3.42
106	MP2C	X	5.436	3.42
107	MP2C	Z	3.138	3.42
108	MP2C	Mx	-.005	3.42
109	MP3A	X	4.824	3.42
110	MP3A	Z	2.785	3.42
111	MP3A	Mx	.004	3.42
112	MP3A	X	4.824	3.42
113	MP3A	Z	2.785	3.42
114	MP3A	Mx	.004	3.42
115	MP3B	X	7.045	3.42
116	MP3B	Z	4.068	3.42
117	MP3B	Mx	0	3.42
118	MP3B	X	7.045	3.42
119	MP3B	Z	4.068	3.42
120	MP3B	Mx	0	3.42
121	MP3C	X	4.824	3.42
122	MP3C	Z	2.785	3.42
123	MP3C	Mx	-.004	3.42
124	MP3C	X	4.824	3.42
125	MP3C	Z	2.785	3.42
126	MP3C	Mx	-.004	3.42
127	OVPB	X	14.485	1.5
128	OVPB	Z	8.363	1.5
129	OVPB	Mx	0	1.5
130	OVPB	X	14.485	1.5
131	OVPB	Z	8.363	1.5
132	OVPB	Mx	0	1.5
133	OVPC	X	13.695	1.5
134	OVPC	Z	7.907	1.5
135	OVPC	Mx	.007	1.5
136	OVPC	X	13.695	1.5
137	OVPC	Z	7.907	1.5
138	OVPC	Mx	.007	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	8.27	2.62
2	MP4A	Z	14.324	2.62
3	MP4A	Mx	-.008	2.62
4	MP4A	X	8.27	4.55
5	MP4A	Z	14.324	4.55
6	MP4A	Mx	-.008	4.55
7	MP4B	X	8.27	2.62
8	MP4B	Z	14.324	2.62
9	MP4B	Mx	-.008	2.62
10	MP4B	X	8.27	4.55
11	MP4B	Z	14.324	4.55
12	MP4B	Mx	-.008	4.55
13	MP4C	X	4.111	2.62
14	MP4C	Z	7.12	2.62
15	MP4C	Mx	.008	2.62
16	MP4C	X	4.111	4.55

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP4C	Z	7.12	4.55
18	MP4C	Mx	.008	4.55
19	MP3A	X	3.659	.88
20	MP3A	Z	6.338	.88
21	MP3A	Mx	.003	.88
22	MP3A	X	3.659	.88
23	MP3A	Z	6.338	.88
24	MP3A	Mx	.003	.88
25	MP3B	X	3.659	.88
26	MP3B	Z	6.338	.88
27	MP3B	Mx	.003	.88
28	MP3B	X	3.659	.88
29	MP3B	Z	6.338	.88
30	MP3B	Mx	.003	.88
31	MP3C	X	1.983	.88
32	MP3C	Z	3.435	.88
33	MP3C	Mx	-.003	.88
34	MP3C	X	1.983	.88
35	MP3C	Z	3.435	.88
36	MP3C	Mx	-.003	.88
37	MP3A	X	15.697	1.33
38	MP3A	Z	27.189	1.33
39	MP3A	Mx	.000163	1.33
40	MP3A	X	15.697	5.83
41	MP3A	Z	27.189	5.83
42	MP3A	Mx	.000163	5.83
43	MP3B	X	15.697	1.33
44	MP3B	Z	27.189	1.33
45	MP3B	Mx	-.032	1.33
46	MP3B	X	15.697	5.83
47	MP3B	Z	27.189	5.83
48	MP3B	Mx	-.032	5.83
49	MP3C	X	13.843	1.33
50	MP3C	Z	23.978	1.33
51	MP3C	Mx	.028	1.33
52	MP3C	X	13.843	5.83
53	MP3C	Z	23.978	5.83
54	MP3C	Mx	.028	5.83
55	MP3A	X	15.697	1.33
56	MP3A	Z	27.189	1.33
57	MP3A	Mx	-.032	1.33
58	MP3A	X	15.697	5.83
59	MP3A	Z	27.189	5.83
60	MP3A	Mx	-.032	5.83
61	MP3B	X	15.697	1.33
62	MP3B	Z	27.189	1.33
63	MP3B	Mx	.000162	1.33
64	MP3B	X	15.697	5.83
65	MP3B	Z	27.189	5.83
66	MP3B	Mx	.000162	5.83
67	MP3C	X	13.843	1.33
68	MP3C	Z	23.978	1.33
69	MP3C	Mx	.028	1.33
70	MP3C	X	13.843	5.83
71	MP3C	Z	23.978	5.83
72	MP3C	Mx	.028	5.83
73	MP1A	X	1.725	3.07

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP1A	Z	2.988	3.07
75	MP1A	Mx	-.001	3.07
76	MP1A	X	1.725	4.1
77	MP1A	Z	2.988	4.1
78	MP1A	Mx	-.001	4.1
79	MP1B	X	1.725	3.07
80	MP1B	Z	2.988	3.07
81	MP1B	Mx	-.001	3.07
82	MP1B	X	1.725	4.1
83	MP1B	Z	2.988	4.1
84	MP1B	Mx	-.001	4.1
85	MP1C	X	.614	3.07
86	MP1C	Z	1.064	3.07
87	MP1C	Mx	.000819	3.07
88	MP1C	X	.614	4.1
89	MP1C	Z	1.064	4.1
90	MP1C	Mx	.000819	4.1
91	MP2A	X	3.758	3.42
92	MP2A	Z	6.509	3.42
93	MP2A	Mx	.003	3.42
94	MP2A	X	3.758	3.42
95	MP2A	Z	6.509	3.42
96	MP2A	Mx	.003	3.42
97	MP2B	X	3.758	3.42
98	MP2B	Z	6.509	3.42
99	MP2B	Mx	.003	3.42
100	MP2B	X	3.758	3.42
101	MP2B	Z	6.509	3.42
102	MP2B	Mx	.003	3.42
103	MP2C	X	2.829	3.42
104	MP2C	Z	4.899	3.42
105	MP2C	Mx	-.005	3.42
106	MP2C	X	2.829	3.42
107	MP2C	Z	4.899	3.42
108	MP2C	Mx	-.005	3.42
109	MP3A	X	3.64	3.42
110	MP3A	Z	6.305	3.42
111	MP3A	Mx	.003	3.42
112	MP3A	X	3.64	3.42
113	MP3A	Z	6.305	3.42
114	MP3A	Mx	.003	3.42
115	MP3B	X	3.64	3.42
116	MP3B	Z	6.305	3.42
117	MP3B	Mx	.003	3.42
118	MP3B	X	3.64	3.42
119	MP3B	Z	6.305	3.42
120	MP3B	Mx	.003	3.42
121	MP3C	X	2.358	3.42
122	MP3C	Z	4.084	3.42
123	MP3C	Mx	-.004	3.42
124	MP3C	X	2.358	3.42
125	MP3C	Z	4.084	3.42
126	MP3C	Mx	-.004	3.42
127	OVPB	X	7.907	1.5
128	OVPB	Z	13.695	1.5
129	OVPB	Mx	-.007	1.5
130	OVPB	X	7.907	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
131	OVPB	Z	13.695	1.5
132	OVPB	Mx	-.007	1.5
133	OVPC	X	6.994	1.5
134	OVPC	Z	12.115	1.5
135	OVPC	Mx	.01	1.5
136	OVPC	X	6.994	1.5
137	OVPC	Z	12.115	1.5
138	OVPC	Mx	.01	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2.62
2	MP4A	Z	19.313	2.62
3	MP4A	Mx	0	2.62
4	MP4A	X	0	4.55
5	MP4A	Z	19.313	4.55
6	MP4A	Mx	0	4.55
7	MP4B	X	0	2.62
8	MP4B	Z	10.994	2.62
9	MP4B	Mx	-.01	2.62
10	MP4B	X	0	4.55
11	MP4B	Z	10.994	4.55
12	MP4B	Mx	-.01	4.55
13	MP4C	X	0	2.62
14	MP4C	Z	10.994	2.62
15	MP4C	Mx	.01	2.62
16	MP4C	X	0	4.55
17	MP4C	Z	10.994	4.55
18	MP4C	Mx	.01	4.55
19	MP3A	X	0	.88
20	MP3A	Z	8.435	.88
21	MP3A	Mx	0	.88
22	MP3A	X	0	.88
23	MP3A	Z	8.435	.88
24	MP3A	Mx	0	.88
25	MP3B	X	0	.88
26	MP3B	Z	5.084	.88
27	MP3B	Mx	.004	.88
28	MP3B	X	0	.88
29	MP3B	Z	5.084	.88
30	MP3B	Mx	.004	.88
31	MP3C	X	0	.88
32	MP3C	Z	5.084	.88
33	MP3C	Mx	-.004	.88
34	MP3C	X	0	.88
35	MP3C	Z	5.084	.88
36	MP3C	Mx	-.004	.88
37	MP3A	X	0	1.33
38	MP3A	Z	32.631	1.33
39	MP3A	Mx	.019	1.33
40	MP3A	X	0	5.83
41	MP3A	Z	32.631	5.83
42	MP3A	Mx	.019	5.83
43	MP3B	X	0	1.33
44	MP3B	Z	28.923	1.33
45	MP3B	Mx	-.033	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP3B	X	0	5.83
47	MP3B	Z	28.923	5.83
48	MP3B	Mx	-.033	5.83
49	MP3C	X	0	1.33
50	MP3C	Z	28.923	1.33
51	MP3C	Mx	.017	1.33
52	MP3C	X	0	5.83
53	MP3C	Z	28.923	5.83
54	MP3C	Mx	.017	5.83
55	MP3A	X	0	1.33
56	MP3A	Z	32.631	1.33
57	MP3A	Mx	-.019	1.33
58	MP3A	X	0	5.83
59	MP3A	Z	32.631	5.83
60	MP3A	Mx	-.019	5.83
61	MP3B	X	0	1.33
62	MP3B	Z	28.923	1.33
63	MP3B	Mx	-.017	1.33
64	MP3B	X	0	5.83
65	MP3B	Z	28.923	5.83
66	MP3B	Mx	-.017	5.83
67	MP3C	X	0	1.33
68	MP3C	Z	28.923	1.33
69	MP3C	Mx	.033	1.33
70	MP3C	X	0	5.83
71	MP3C	Z	28.923	5.83
72	MP3C	Mx	.033	5.83
73	MP1A	X	0	3.07
74	MP1A	Z	4.191	3.07
75	MP1A	Mx	0	3.07
76	MP1A	X	0	4.1
77	MP1A	Z	4.191	4.1
78	MP1A	Mx	0	4.1
79	MP1B	X	0	3.07
80	MP1B	Z	1.969	3.07
81	MP1B	Mx	-.001	3.07
82	MP1B	X	0	4.1
83	MP1B	Z	1.969	4.1
84	MP1B	Mx	-.001	4.1
85	MP1C	X	0	3.07
86	MP1C	Z	1.969	3.07
87	MP1C	Mx	.001	3.07
88	MP1C	X	0	4.1
89	MP1C	Z	1.969	4.1
90	MP1C	Mx	.001	4.1
91	MP2A	X	0	3.42
92	MP2A	Z	8.135	3.42
93	MP2A	Mx	0	3.42
94	MP2A	X	0	3.42
95	MP2A	Z	8.135	3.42
96	MP2A	Mx	0	3.42
97	MP2B	X	0	3.42
98	MP2B	Z	6.277	3.42
99	MP2B	Mx	.005	3.42
100	MP2B	X	0	3.42
101	MP2B	Z	6.277	3.42
102	MP2B	Mx	.005	3.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
103	MP2C	X	0	3.42
104	MP2C	Z	6.277	3.42
105	MP2C	Mx	-.005	3.42
106	MP2C	X	0	3.42
107	MP2C	Z	6.277	3.42
108	MP2C	Mx	-.005	3.42
109	MP3A	X	0	3.42
110	MP3A	Z	8.135	3.42
111	MP3A	Mx	0	3.42
112	MP3A	X	0	3.42
113	MP3A	Z	8.135	3.42
114	MP3A	Mx	0	3.42
115	MP3B	X	0	3.42
116	MP3B	Z	5.57	3.42
117	MP3B	Mx	.004	3.42
118	MP3B	X	0	3.42
119	MP3B	Z	5.57	3.42
120	MP3B	Mx	.004	3.42
121	MP3C	X	0	3.42
122	MP3C	Z	5.57	3.42
123	MP3C	Mx	-.004	3.42
124	MP3C	X	0	3.42
125	MP3C	Z	5.57	3.42
126	MP3C	Mx	-.004	3.42
127	OVPB	X	0	1.5
128	OVPB	Z	13.989	1.5
129	OVPB	Mx	-.01	1.5
130	OVPB	X	0	1.5
131	OVPB	Z	13.989	1.5
132	OVPB	Mx	-.01	1.5
133	OVPC	X	0	1.5
134	OVPC	Z	13.077	1.5
135	OVPC	Mx	.011	1.5
136	OVPC	X	0	1.5
137	OVPC	Z	13.077	1.5
138	OVPC	Mx	.011	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-8.27	2.62
2	MP4A	Z	14.324	2.62
3	MP4A	Mx	.008	2.62
4	MP4A	X	-8.27	4.55
5	MP4A	Z	14.324	4.55
6	MP4A	Mx	.008	4.55
7	MP4B	X	-4.111	2.62
8	MP4B	Z	7.12	2.62
9	MP4B	Mx	-.008	2.62
10	MP4B	X	-4.111	4.55
11	MP4B	Z	7.12	4.55
12	MP4B	Mx	-.008	4.55
13	MP4C	X	-8.27	2.62
14	MP4C	Z	14.324	2.62
15	MP4C	Mx	.008	2.62
16	MP4C	X	-8.27	4.55
17	MP4C	Z	14.324	4.55

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP4C	Mx	.008	4.55
19	MP3A	X	-3.659	.88
20	MP3A	Z	6.338	.88
21	MP3A	Mx	-.003	.88
22	MP3A	X	-3.659	.88
23	MP3A	Z	6.338	.88
24	MP3A	Mx	-.003	.88
25	MP3B	X	-1.983	.88
26	MP3B	Z	3.435	.88
27	MP3B	Mx	.003	.88
28	MP3B	X	-1.983	.88
29	MP3B	Z	3.435	.88
30	MP3B	Mx	.003	.88
31	MP3C	X	-3.659	.88
32	MP3C	Z	6.338	.88
33	MP3C	Mx	-.003	.88
34	MP3C	X	-3.659	.88
35	MP3C	Z	6.338	.88
36	MP3C	Mx	-.003	.88
37	MP3A	X	-15.697	1.33
38	MP3A	Z	27.189	1.33
39	MP3A	Mx	.032	1.33
40	MP3A	X	-15.697	5.83
41	MP3A	Z	27.189	5.83
42	MP3A	Mx	.032	5.83
43	MP3B	X	-13.843	1.33
44	MP3B	Z	23.978	1.33
45	MP3B	Mx	-.028	1.33
46	MP3B	X	-13.843	5.83
47	MP3B	Z	23.978	5.83
48	MP3B	Mx	-.028	5.83
49	MP3C	X	-15.697	1.33
50	MP3C	Z	27.189	1.33
51	MP3C	Mx	-.000162	1.33
52	MP3C	X	-15.697	5.83
53	MP3C	Z	27.189	5.83
54	MP3C	Mx	-.000162	5.83
55	MP3A	X	-15.697	1.33
56	MP3A	Z	27.189	1.33
57	MP3A	Mx	-.000163	1.33
58	MP3A	X	-15.697	5.83
59	MP3A	Z	27.189	5.83
60	MP3A	Mx	-.000163	5.83
61	MP3B	X	-13.843	1.33
62	MP3B	Z	23.978	1.33
63	MP3B	Mx	-.028	1.33
64	MP3B	X	-13.843	5.83
65	MP3B	Z	23.978	5.83
66	MP3B	Mx	-.028	5.83
67	MP3C	X	-15.697	1.33
68	MP3C	Z	27.189	1.33
69	MP3C	Mx	.032	1.33
70	MP3C	X	-15.697	5.83
71	MP3C	Z	27.189	5.83
72	MP3C	Mx	.032	5.83
73	MP1A	X	-1.725	3.07
74	MP1A	Z	2.988	3.07

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP1A	Mx	.001	3.07
76	MP1A	X	-1.725	4.1
77	MP1A	Z	2.988	4.1
78	MP1A	Mx	.001	4.1
79	MP1B	X	-.614	3.07
80	MP1B	Z	1.064	3.07
81	MP1B	Mx	-.000819	3.07
82	MP1B	X	-.614	4.1
83	MP1B	Z	1.064	4.1
84	MP1B	Mx	-.000819	4.1
85	MP1C	X	-1.725	3.07
86	MP1C	Z	2.988	3.07
87	MP1C	Mx	.001	3.07
88	MP1C	X	-1.725	4.1
89	MP1C	Z	2.988	4.1
90	MP1C	Mx	.001	4.1
91	MP2A	X	-3.758	3.42
92	MP2A	Z	6.509	3.42
93	MP2A	Mx	-.003	3.42
94	MP2A	X	-3.758	3.42
95	MP2A	Z	6.509	3.42
96	MP2A	Mx	-.003	3.42
97	MP2B	X	-2.829	3.42
98	MP2B	Z	4.899	3.42
99	MP2B	Mx	.005	3.42
100	MP2B	X	-2.829	3.42
101	MP2B	Z	4.899	3.42
102	MP2B	Mx	.005	3.42
103	MP2C	X	-3.758	3.42
104	MP2C	Z	6.509	3.42
105	MP2C	Mx	-.003	3.42
106	MP2C	X	-3.758	3.42
107	MP2C	Z	6.509	3.42
108	MP2C	Mx	-.003	3.42
109	MP3A	X	-3.64	3.42
110	MP3A	Z	6.305	3.42
111	MP3A	Mx	-.003	3.42
112	MP3A	X	-3.64	3.42
113	MP3A	Z	6.305	3.42
114	MP3A	Mx	-.003	3.42
115	MP3B	X	-2.358	3.42
116	MP3B	Z	4.084	3.42
117	MP3B	Mx	.004	3.42
118	MP3B	X	-2.358	3.42
119	MP3B	Z	4.084	3.42
120	MP3B	Mx	.004	3.42
121	MP3C	X	-3.64	3.42
122	MP3C	Z	6.305	3.42
123	MP3C	Mx	-.003	3.42
124	MP3C	X	-3.64	3.42
125	MP3C	Z	6.305	3.42
126	MP3C	Mx	-.003	3.42
127	OVPB	X	-6.538	1.5
128	OVPB	Z	11.325	1.5
129	OVPB	Mx	-.011	1.5
130	OVPB	X	-6.538	1.5
131	OVPB	Z	11.325	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
132	OVPB	Mx	-.011	1.5
133	OVPC	X	-6.994	1.5
134	OVPC	Z	12.115	1.5
135	OVPC	Mx	.01	1.5
136	OVPC	X	-6.994	1.5
137	OVPC	Z	12.115	1.5
138	OVPC	Mx	.01	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-9.521	2.62
2	MP4A	Z	5.497	2.62
3	MP4A	Mx	.01	2.62
4	MP4A	X	-9.521	4.55
5	MP4A	Z	5.497	4.55
6	MP4A	Mx	.01	4.55
7	MP4B	X	-9.521	2.62
8	MP4B	Z	5.497	2.62
9	MP4B	Mx	-.01	2.62
10	MP4B	X	-9.521	4.55
11	MP4B	Z	5.497	4.55
12	MP4B	Mx	-.01	4.55
13	MP4C	X	-16.726	2.62
14	MP4C	Z	9.657	2.62
15	MP4C	Mx	0	2.62
16	MP4C	X	-16.726	4.55
17	MP4C	Z	9.657	4.55
18	MP4C	Mx	0	4.55
19	MP3A	X	-4.403	.88
20	MP3A	Z	2.542	.88
21	MP3A	Mx	-.004	.88
22	MP3A	X	-4.403	.88
23	MP3A	Z	2.542	.88
24	MP3A	Mx	-.004	.88
25	MP3B	X	-4.403	.88
26	MP3B	Z	2.542	.88
27	MP3B	Mx	.004	.88
28	MP3B	X	-4.403	.88
29	MP3B	Z	2.542	.88
30	MP3B	Mx	.004	.88
31	MP3C	X	-7.305	.88
32	MP3C	Z	4.218	.88
33	MP3C	Mx	0	.88
34	MP3C	X	-7.305	.88
35	MP3C	Z	4.218	.88
36	MP3C	Mx	0	.88
37	MP3A	X	-25.048	1.33
38	MP3A	Z	14.461	1.33
39	MP3A	Mx	.033	1.33
40	MP3A	X	-25.048	5.83
41	MP3A	Z	14.461	5.83
42	MP3A	Mx	.033	5.83
43	MP3B	X	-25.048	1.33
44	MP3B	Z	14.461	1.33
45	MP3B	Mx	-.017	1.33
46	MP3B	X	-25.048	5.83

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP3B	Z	14.461	5.83
48	MP3B	Mx	-.017	5.83
49	MP3C	X	-28.259	1.33
50	MP3C	Z	16.315	1.33
51	MP3C	Mx	-.019	1.33
52	MP3C	X	-28.259	5.83
53	MP3C	Z	16.315	5.83
54	MP3C	Mx	-.019	5.83
55	MP3A	X	-25.048	1.33
56	MP3A	Z	14.461	1.33
57	MP3A	Mx	.017	1.33
58	MP3A	X	-25.048	5.83
59	MP3A	Z	14.461	5.83
60	MP3A	Mx	.017	5.83
61	MP3B	X	-25.048	1.33
62	MP3B	Z	14.461	1.33
63	MP3B	Mx	-.033	1.33
64	MP3B	X	-25.048	5.83
65	MP3B	Z	14.461	5.83
66	MP3B	Mx	-.033	5.83
67	MP3C	X	-28.259	1.33
68	MP3C	Z	16.315	1.33
69	MP3C	Mx	.019	1.33
70	MP3C	X	-28.259	5.83
71	MP3C	Z	16.315	5.83
72	MP3C	Mx	.019	5.83
73	MP1A	X	-1.705	3.07
74	MP1A	Z	.985	3.07
75	MP1A	Mx	.001	3.07
76	MP1A	X	-1.705	4.1
77	MP1A	Z	.985	4.1
78	MP1A	Mx	.001	4.1
79	MP1B	X	-1.705	3.07
80	MP1B	Z	.985	3.07
81	MP1B	Mx	-.001	3.07
82	MP1B	X	-1.705	4.1
83	MP1B	Z	.985	4.1
84	MP1B	Mx	-.001	4.1
85	MP1C	X	-3.629	3.07
86	MP1C	Z	2.095	3.07
87	MP1C	Mx	0	3.07
88	MP1C	X	-3.629	4.1
89	MP1C	Z	2.095	4.1
90	MP1C	Mx	0	4.1
91	MP2A	X	-5.436	3.42
92	MP2A	Z	3.138	3.42
93	MP2A	Mx	-.005	3.42
94	MP2A	X	-5.436	3.42
95	MP2A	Z	3.138	3.42
96	MP2A	Mx	-.005	3.42
97	MP2B	X	-5.436	3.42
98	MP2B	Z	3.138	3.42
99	MP2B	Mx	.005	3.42
100	MP2B	X	-5.436	3.42
101	MP2B	Z	3.138	3.42
102	MP2B	Mx	.005	3.42
103	MP2C	X	-7.045	3.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
104	MP2C	Z	4.068	3.42
105	MP2C	Mx	0	3.42
106	MP2C	X	-7.045	3.42
107	MP2C	Z	4.068	3.42
108	MP2C	Mx	0	3.42
109	MP3A	X	-4.824	3.42
110	MP3A	Z	2.785	3.42
111	MP3A	Mx	-.004	3.42
112	MP3A	X	-4.824	3.42
113	MP3A	Z	2.785	3.42
114	MP3A	Mx	-.004	3.42
115	MP3B	X	-4.824	3.42
116	MP3B	Z	2.785	3.42
117	MP3B	Mx	.004	3.42
118	MP3B	X	-4.824	3.42
119	MP3B	Z	2.785	3.42
120	MP3B	Mx	.004	3.42
121	MP3C	X	-7.045	3.42
122	MP3C	Z	4.068	3.42
123	MP3C	Mx	0	3.42
124	MP3C	X	-7.045	3.42
125	MP3C	Z	4.068	3.42
126	MP3C	Mx	0	3.42
127	OVPB	X	-12.115	1.5
128	OVPB	Z	6.994	1.5
129	OVPB	Mx	-.01	1.5
130	OVPB	X	-12.115	1.5
131	OVPB	Z	6.994	1.5
132	OVPB	Mx	-.01	1.5
133	OVPC	X	-13.695	1.5
134	OVPC	Z	7.907	1.5
135	OVPC	Mx	.007	1.5
136	OVPC	X	-13.695	1.5
137	OVPC	Z	7.907	1.5
138	OVPC	Mx	.007	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-8.221	2.62
2	MP4A	Z	0	2.62
3	MP4A	Mx	.008	2.62
4	MP4A	X	-8.221	4.55
5	MP4A	Z	0	4.55
6	MP4A	Mx	.008	4.55
7	MP4B	X	-16.54	2.62
8	MP4B	Z	0	2.62
9	MP4B	Mx	-.008	2.62
10	MP4B	X	-16.54	4.55
11	MP4B	Z	0	4.55
12	MP4B	Mx	-.008	4.55
13	MP4C	X	-16.54	2.62
14	MP4C	Z	0	2.62
15	MP4C	Mx	-.008	2.62
16	MP4C	X	-16.54	4.55
17	MP4C	Z	0	4.55
18	MP4C	Mx	-.008	4.55

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	MP3A	X	-3.967	.88
20	MP3A	Z	0	.88
21	MP3A	Mx	-.003	.88
22	MP3A	X	-3.967	.88
23	MP3A	Z	0	.88
24	MP3A	Mx	-.003	.88
25	MP3B	X	-7.318	.88
26	MP3B	Z	0	.88
27	MP3B	Mx	.003	.88
28	MP3B	X	-7.318	.88
29	MP3B	Z	0	.88
30	MP3B	Mx	.003	.88
31	MP3C	X	-7.318	.88
32	MP3C	Z	0	.88
33	MP3C	Mx	.003	.88
34	MP3C	X	-7.318	.88
35	MP3C	Z	0	.88
36	MP3C	Mx	.003	.88
37	MP3A	X	-27.687	1.33
38	MP3A	Z	0	1.33
39	MP3A	Mx	.028	1.33
40	MP3A	X	-27.687	5.83
41	MP3A	Z	0	5.83
42	MP3A	Mx	.028	5.83
43	MP3B	X	-31.395	1.33
44	MP3B	Z	0	1.33
45	MP3B	Mx	.000163	1.33
46	MP3B	X	-31.395	5.83
47	MP3B	Z	0	5.83
48	MP3B	Mx	.000163	5.83
49	MP3C	X	-31.395	1.33
50	MP3C	Z	0	1.33
51	MP3C	Mx	-.032	1.33
52	MP3C	X	-31.395	5.83
53	MP3C	Z	0	5.83
54	MP3C	Mx	-.032	5.83
55	MP3A	X	-27.687	1.33
56	MP3A	Z	0	1.33
57	MP3A	Mx	.028	1.33
58	MP3A	X	-27.687	5.83
59	MP3A	Z	0	5.83
60	MP3A	Mx	.028	5.83
61	MP3B	X	-31.395	1.33
62	MP3B	Z	0	1.33
63	MP3B	Mx	-.032	1.33
64	MP3B	X	-31.395	5.83
65	MP3B	Z	0	5.83
66	MP3B	Mx	-.032	5.83
67	MP3C	X	-31.395	1.33
68	MP3C	Z	0	1.33
69	MP3C	Mx	.000163	1.33
70	MP3C	X	-31.395	5.83
71	MP3C	Z	0	5.83
72	MP3C	Mx	.000163	5.83
73	MP1A	X	-1.229	3.07
74	MP1A	Z	0	3.07
75	MP1A	Mx	.000819	3.07

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP1A	X	-1.229	4.1
77	MP1A	Z	0	4.1
78	MP1A	Mx	.000819	4.1
79	MP1B	X	-3.45	3.07
80	MP1B	Z	0	3.07
81	MP1B	Mx	-.001	3.07
82	MP1B	X	-3.45	4.1
83	MP1B	Z	0	4.1
84	MP1B	Mx	-.001	4.1
85	MP1C	X	-3.45	3.07
86	MP1C	Z	0	3.07
87	MP1C	Mx	-.001	3.07
88	MP1C	X	-3.45	4.1
89	MP1C	Z	0	4.1
90	MP1C	Mx	-.001	4.1
91	MP2A	X	-5.657	3.42
92	MP2A	Z	0	3.42
93	MP2A	Mx	-.005	3.42
94	MP2A	X	-5.657	3.42
95	MP2A	Z	0	3.42
96	MP2A	Mx	-.005	3.42
97	MP2B	X	-7.516	3.42
98	MP2B	Z	0	3.42
99	MP2B	Mx	.003	3.42
100	MP2B	X	-7.516	3.42
101	MP2B	Z	0	3.42
102	MP2B	Mx	.003	3.42
103	MP2C	X	-7.516	3.42
104	MP2C	Z	0	3.42
105	MP2C	Mx	.003	3.42
106	MP2C	X	-7.516	3.42
107	MP2C	Z	0	3.42
108	MP2C	Mx	.003	3.42
109	MP3A	X	-4.715	3.42
110	MP3A	Z	0	3.42
111	MP3A	Mx	-.004	3.42
112	MP3A	X	-4.715	3.42
113	MP3A	Z	0	3.42
114	MP3A	Mx	-.004	3.42
115	MP3B	X	-7.28	3.42
116	MP3B	Z	0	3.42
117	MP3B	Mx	.003	3.42
118	MP3B	X	-7.28	3.42
119	MP3B	Z	0	3.42
120	MP3B	Mx	.003	3.42
121	MP3C	X	-7.28	3.42
122	MP3C	Z	0	3.42
123	MP3C	Mx	.003	3.42
124	MP3C	X	-7.28	3.42
125	MP3C	Z	0	3.42
126	MP3C	Mx	.003	3.42
127	OVPB	X	-15.813	1.5
128	OVPB	Z	0	1.5
129	OVPB	Mx	-.007	1.5
130	OVPB	X	-15.813	1.5
131	OVPB	Z	0	1.5
132	OVPB	Mx	-.007	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
133	OVPC	X	-16.725	1.5
134	OVPC	Z	0	1.5
135	OVPC	Mx	0	1.5
136	OVPC	X	-16.725	1.5
137	OVPC	Z	0	1.5
138	OVPC	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-9.521	2.62
2	MP4A	Z	-5.497	2.62
3	MP4A	Mx	.01	2.62
4	MP4A	X	-9.521	4.55
5	MP4A	Z	-5.497	4.55
6	MP4A	Mx	.01	4.55
7	MP4B	X	-16.726	2.62
8	MP4B	Z	-9.657	2.62
9	MP4B	Mx	0	2.62
10	MP4B	X	-16.726	4.55
11	MP4B	Z	-9.657	4.55
12	MP4B	Mx	0	4.55
13	MP4C	X	-9.521	2.62
14	MP4C	Z	-5.497	2.62
15	MP4C	Mx	-.01	2.62
16	MP4C	X	-9.521	4.55
17	MP4C	Z	-5.497	4.55
18	MP4C	Mx	-.01	4.55
19	MP3A	X	-4.403	.88
20	MP3A	Z	-2.542	.88
21	MP3A	Mx	-.004	.88
22	MP3A	X	-4.403	.88
23	MP3A	Z	-2.542	.88
24	MP3A	Mx	-.004	.88
25	MP3B	X	-7.305	.88
26	MP3B	Z	-4.218	.88
27	MP3B	Mx	0	.88
28	MP3B	X	-7.305	.88
29	MP3B	Z	-4.218	.88
30	MP3B	Mx	0	.88
31	MP3C	X	-4.403	.88
32	MP3C	Z	-2.542	.88
33	MP3C	Mx	.004	.88
34	MP3C	X	-4.403	.88
35	MP3C	Z	-2.542	.88
36	MP3C	Mx	.004	.88
37	MP3A	X	-25.048	1.33
38	MP3A	Z	-14.461	1.33
39	MP3A	Mx	.017	1.33
40	MP3A	X	-25.048	5.83
41	MP3A	Z	-14.461	5.83
42	MP3A	Mx	.017	5.83
43	MP3B	X	-28.259	1.33
44	MP3B	Z	-16.315	1.33
45	MP3B	Mx	.019	1.33
46	MP3B	X	-28.259	5.83
47	MP3B	Z	-16.315	5.83

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP3B	Mx	.019	5.83
49	MP3C	X	-25.048	1.33
50	MP3C	Z	-14.461	1.33
51	MP3C	Mx	-.033	1.33
52	MP3C	X	-25.048	5.83
53	MP3C	Z	-14.461	5.83
54	MP3C	Mx	-.033	5.83
55	MP3A	X	-25.048	1.33
56	MP3A	Z	-14.461	1.33
57	MP3A	Mx	.033	1.33
58	MP3A	X	-25.048	5.83
59	MP3A	Z	-14.461	5.83
60	MP3A	Mx	.033	5.83
61	MP3B	X	-28.259	1.33
62	MP3B	Z	-16.315	1.33
63	MP3B	Mx	-.019	1.33
64	MP3B	X	-28.259	5.83
65	MP3B	Z	-16.315	5.83
66	MP3B	Mx	-.019	5.83
67	MP3C	X	-25.048	1.33
68	MP3C	Z	-14.461	1.33
69	MP3C	Mx	-.017	1.33
70	MP3C	X	-25.048	5.83
71	MP3C	Z	-14.461	5.83
72	MP3C	Mx	-.017	5.83
73	MP1A	X	-1.705	3.07
74	MP1A	Z	-.985	3.07
75	MP1A	Mx	.001	3.07
76	MP1A	X	-1.705	4.1
77	MP1A	Z	-.985	4.1
78	MP1A	Mx	.001	4.1
79	MP1B	X	-3.629	3.07
80	MP1B	Z	-2.095	3.07
81	MP1B	Mx	0	3.07
82	MP1B	X	-3.629	4.1
83	MP1B	Z	-2.095	4.1
84	MP1B	Mx	0	4.1
85	MP1C	X	-1.705	3.07
86	MP1C	Z	-.985	3.07
87	MP1C	Mx	-.001	3.07
88	MP1C	X	-1.705	4.1
89	MP1C	Z	-.985	4.1
90	MP1C	Mx	-.001	4.1
91	MP2A	X	-5.436	3.42
92	MP2A	Z	-3.138	3.42
93	MP2A	Mx	-.005	3.42
94	MP2A	X	-5.436	3.42
95	MP2A	Z	-3.138	3.42
96	MP2A	Mx	-.005	3.42
97	MP2B	X	-7.045	3.42
98	MP2B	Z	-4.068	3.42
99	MP2B	Mx	0	3.42
100	MP2B	X	-7.045	3.42
101	MP2B	Z	-4.068	3.42
102	MP2B	Mx	0	3.42
103	MP2C	X	-5.436	3.42
104	MP2C	Z	-3.138	3.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP2C	Mx	.005	3.42
106	MP2C	X	-5.436	3.42
107	MP2C	Z	-3.138	3.42
108	MP2C	Mx	.005	3.42
109	MP3A	X	-4.824	3.42
110	MP3A	Z	-2.785	3.42
111	MP3A	Mx	-.004	3.42
112	MP3A	X	-4.824	3.42
113	MP3A	Z	-2.785	3.42
114	MP3A	Mx	-.004	3.42
115	MP3B	X	-7.045	3.42
116	MP3B	Z	-4.068	3.42
117	MP3B	Mx	0	3.42
118	MP3B	X	-7.045	3.42
119	MP3B	Z	-4.068	3.42
120	MP3B	Mx	0	3.42
121	MP3C	X	-4.824	3.42
122	MP3C	Z	-2.785	3.42
123	MP3C	Mx	.004	3.42
124	MP3C	X	-4.824	3.42
125	MP3C	Z	-2.785	3.42
126	MP3C	Mx	.004	3.42
127	OVPB	X	-14.485	1.5
128	OVPB	Z	-8.363	1.5
129	OVPB	Mx	0	1.5
130	OVPB	X	-14.485	1.5
131	OVPB	Z	-8.363	1.5
132	OVPB	Mx	0	1.5
133	OVPC	X	-13.695	1.5
134	OVPC	Z	-7.907	1.5
135	OVPC	Mx	-.007	1.5
136	OVPC	X	-13.695	1.5
137	OVPC	Z	-7.907	1.5
138	OVPC	Mx	-.007	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-8.27	2.62
2	MP4A	Z	-14.324	2.62
3	MP4A	Mx	.008	2.62
4	MP4A	X	-8.27	4.55
5	MP4A	Z	-14.324	4.55
6	MP4A	Mx	.008	4.55
7	MP4B	X	-8.27	2.62
8	MP4B	Z	-14.324	2.62
9	MP4B	Mx	.008	2.62
10	MP4B	X	-8.27	4.55
11	MP4B	Z	-14.324	4.55
12	MP4B	Mx	.008	4.55
13	MP4C	X	-4.111	2.62
14	MP4C	Z	-7.12	2.62
15	MP4C	Mx	-.008	2.62
16	MP4C	X	-4.111	4.55
17	MP4C	Z	-7.12	4.55
18	MP4C	Mx	-.008	4.55
19	MP3A	X	-3.659	.88

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP3A	Z	-6.338	.88
21	MP3A	Mx	-.003	.88
22	MP3A	X	-3.659	.88
23	MP3A	Z	-6.338	.88
24	MP3A	Mx	-.003	.88
25	MP3B	X	-3.659	.88
26	MP3B	Z	-6.338	.88
27	MP3B	Mx	-.003	.88
28	MP3B	X	-3.659	.88
29	MP3B	Z	-6.338	.88
30	MP3B	Mx	-.003	.88
31	MP3C	X	-1.983	.88
32	MP3C	Z	-3.435	.88
33	MP3C	Mx	.003	.88
34	MP3C	X	-1.983	.88
35	MP3C	Z	-3.435	.88
36	MP3C	Mx	.003	.88
37	MP3A	X	-15.697	1.33
38	MP3A	Z	-27.189	1.33
39	MP3A	Mx	-.000163	1.33
40	MP3A	X	-15.697	5.83
41	MP3A	Z	-27.189	5.83
42	MP3A	Mx	-.000163	5.83
43	MP3B	X	-15.697	1.33
44	MP3B	Z	-27.189	1.33
45	MP3B	Mx	.032	1.33
46	MP3B	X	-15.697	5.83
47	MP3B	Z	-27.189	5.83
48	MP3B	Mx	.032	5.83
49	MP3C	X	-13.843	1.33
50	MP3C	Z	-23.978	1.33
51	MP3C	Mx	-.028	1.33
52	MP3C	X	-13.843	5.83
53	MP3C	Z	-23.978	5.83
54	MP3C	Mx	-.028	5.83
55	MP3A	X	-15.697	1.33
56	MP3A	Z	-27.189	1.33
57	MP3A	Mx	.032	1.33
58	MP3A	X	-15.697	5.83
59	MP3A	Z	-27.189	5.83
60	MP3A	Mx	.032	5.83
61	MP3B	X	-15.697	1.33
62	MP3B	Z	-27.189	1.33
63	MP3B	Mx	-.000162	1.33
64	MP3B	X	-15.697	5.83
65	MP3B	Z	-27.189	5.83
66	MP3B	Mx	-.000162	5.83
67	MP3C	X	-13.843	1.33
68	MP3C	Z	-23.978	1.33
69	MP3C	Mx	-.028	1.33
70	MP3C	X	-13.843	5.83
71	MP3C	Z	-23.978	5.83
72	MP3C	Mx	-.028	5.83
73	MP1A	X	-1.725	3.07
74	MP1A	Z	-2.988	3.07
75	MP1A	Mx	.001	3.07
76	MP1A	X	-1.725	4.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
77	MP1A	Z	-2.988	4.1
78	MP1A	Mx	.001	4.1
79	MP1B	X	-1.725	3.07
80	MP1B	Z	-2.988	3.07
81	MP1B	Mx	.001	3.07
82	MP1B	X	-1.725	4.1
83	MP1B	Z	-2.988	4.1
84	MP1B	Mx	.001	4.1
85	MP1C	X	-.614	3.07
86	MP1C	Z	-1.064	3.07
87	MP1C	Mx	-.000819	3.07
88	MP1C	X	-.614	4.1
89	MP1C	Z	-1.064	4.1
90	MP1C	Mx	-.000819	4.1
91	MP2A	X	-3.758	3.42
92	MP2A	Z	-6.509	3.42
93	MP2A	Mx	-.003	3.42
94	MP2A	X	-3.758	3.42
95	MP2A	Z	-6.509	3.42
96	MP2A	Mx	-.003	3.42
97	MP2B	X	-3.758	3.42
98	MP2B	Z	-6.509	3.42
99	MP2B	Mx	-.003	3.42
100	MP2B	X	-3.758	3.42
101	MP2B	Z	-6.509	3.42
102	MP2B	Mx	-.003	3.42
103	MP2C	X	-2.829	3.42
104	MP2C	Z	-4.899	3.42
105	MP2C	Mx	.005	3.42
106	MP2C	X	-2.829	3.42
107	MP2C	Z	-4.899	3.42
108	MP2C	Mx	.005	3.42
109	MP3A	X	-3.64	3.42
110	MP3A	Z	-6.305	3.42
111	MP3A	Mx	-.003	3.42
112	MP3A	X	-3.64	3.42
113	MP3A	Z	-6.305	3.42
114	MP3A	Mx	-.003	3.42
115	MP3B	X	-3.64	3.42
116	MP3B	Z	-6.305	3.42
117	MP3B	Mx	-.003	3.42
118	MP3B	X	-3.64	3.42
119	MP3B	Z	-6.305	3.42
120	MP3B	Mx	-.003	3.42
121	MP3C	X	-2.358	3.42
122	MP3C	Z	-4.084	3.42
123	MP3C	Mx	.004	3.42
124	MP3C	X	-2.358	3.42
125	MP3C	Z	-4.084	3.42
126	MP3C	Mx	.004	3.42
127	OVPB	X	-7.907	1.5
128	OVPB	Z	-13.695	1.5
129	OVPB	Mx	.007	1.5
130	OVPB	X	-7.907	1.5
131	OVPB	Z	-13.695	1.5
132	OVPB	Mx	.007	1.5
133	OVPC	X	-6.994	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
134	OVPC	Z	-12.115	1.5
135	OVPC	Mx	-.01	1.5
136	OVPC	X	-6.994	1.5
137	OVPC	Z	-12.115	1.5
138	OVPC	Mx	-.01	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2.62
2	MP4A	Z	-6.16	2.62
3	MP4A	Mx	0	2.62
4	MP4A	X	0	4.55
5	MP4A	Z	-6.16	4.55
6	MP4A	Mx	0	4.55
7	MP4B	X	0	2.62
8	MP4B	Z	-3.349	2.62
9	MP4B	Mx	.003	2.62
10	MP4B	X	0	4.55
11	MP4B	Z	-3.349	4.55
12	MP4B	Mx	.003	4.55
13	MP4C	X	0	2.62
14	MP4C	Z	-3.349	2.62
15	MP4C	Mx	-.003	2.62
16	MP4C	X	0	4.55
17	MP4C	Z	-3.349	4.55
18	MP4C	Mx	-.003	4.55
19	MP3A	X	0	.88
20	MP3A	Z	-2.569	.88
21	MP3A	Mx	0	.88
22	MP3A	X	0	.88
23	MP3A	Z	-2.569	.88
24	MP3A	Mx	0	.88
25	MP3B	X	0	.88
26	MP3B	Z	-1.45	.88
27	MP3B	Mx	-.001	.88
28	MP3B	X	0	.88
29	MP3B	Z	-1.45	.88
30	MP3B	Mx	-.001	.88
31	MP3C	X	0	.88
32	MP3C	Z	-1.45	.88
33	MP3C	Mx	.001	.88
34	MP3C	X	0	.88
35	MP3C	Z	-1.45	.88
36	MP3C	Mx	.001	.88
37	MP3A	X	0	1.33
38	MP3A	Z	-10.656	1.33
39	MP3A	Mx	-.006	1.33
40	MP3A	X	0	5.83
41	MP3A	Z	-10.656	5.83
42	MP3A	Mx	-.006	5.83
43	MP3B	X	0	1.33
44	MP3B	Z	-9.348	1.33
45	MP3B	Mx	.011	1.33
46	MP3B	X	0	5.83
47	MP3B	Z	-9.348	5.83
48	MP3B	Mx	.011	5.83

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP3C	X	0	1.33
50	MP3C	Z	-9.348	1.33
51	MP3C	Mx	-.005	1.33
52	MP3C	X	0	5.83
53	MP3C	Z	-9.348	5.83
54	MP3C	Mx	-.005	5.83
55	MP3A	X	0	1.33
56	MP3A	Z	-10.656	1.33
57	MP3A	Mx	.006	1.33
58	MP3A	X	0	5.83
59	MP3A	Z	-10.656	5.83
60	MP3A	Mx	.006	5.83
61	MP3B	X	0	1.33
62	MP3B	Z	-9.348	1.33
63	MP3B	Mx	.005	1.33
64	MP3B	X	0	5.83
65	MP3B	Z	-9.348	5.83
66	MP3B	Mx	.005	5.83
67	MP3C	X	0	1.33
68	MP3C	Z	-9.348	1.33
69	MP3C	Mx	-.011	1.33
70	MP3C	X	0	5.83
71	MP3C	Z	-9.348	5.83
72	MP3C	Mx	-.011	5.83
73	MP1A	X	0	3.07
74	MP1A	Z	-1.167	3.07
75	MP1A	Mx	0	3.07
76	MP1A	X	0	4.1
77	MP1A	Z	-1.167	4.1
78	MP1A	Mx	0	4.1
79	MP1B	X	0	3.07
80	MP1B	Z	-.463	3.07
81	MP1B	Mx	.000267	3.07
82	MP1B	X	0	4.1
83	MP1B	Z	-.463	4.1
84	MP1B	Mx	.000267	4.1
85	MP1C	X	0	3.07
86	MP1C	Z	-.463	3.07
87	MP1C	Mx	-.000267	3.07
88	MP1C	X	0	4.1
89	MP1C	Z	-.463	4.1
90	MP1C	Mx	-.000267	4.1
91	MP2A	X	0	3.42
92	MP2A	Z	-2.451	3.42
93	MP2A	Mx	0	3.42
94	MP2A	X	0	3.42
95	MP2A	Z	-2.451	3.42
96	MP2A	Mx	0	3.42
97	MP2B	X	0	3.42
98	MP2B	Z	-1.841	3.42
99	MP2B	Mx	-.001	3.42
100	MP2B	X	0	3.42
101	MP2B	Z	-1.841	3.42
102	MP2B	Mx	-.001	3.42
103	MP2C	X	0	3.42
104	MP2C	Z	-1.841	3.42
105	MP2C	Mx	.001	3.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
106	MP2C	X	0	3.42
107	MP2C	Z	-1.841	3.42
108	MP2C	Mx	.001	3.42
109	MP3A	X	0	3.42
110	MP3A	Z	-2.451	3.42
111	MP3A	Mx	0	3.42
112	MP3A	X	0	3.42
113	MP3A	Z	-2.451	3.42
114	MP3A	Mx	0	3.42
115	MP3B	X	0	3.42
116	MP3B	Z	-1.608	3.42
117	MP3B	Mx	-.001	3.42
118	MP3B	X	0	3.42
119	MP3B	Z	-1.608	3.42
120	MP3B	Mx	-.001	3.42
121	MP3C	X	0	3.42
122	MP3C	Z	-1.608	3.42
123	MP3C	Mx	.001	3.42
124	MP3C	X	0	3.42
125	MP3C	Z	-1.608	3.42
126	MP3C	Mx	.001	3.42
127	OVPB	X	0	1.5
128	OVPB	Z	-4.375	1.5
129	OVPB	Mx	.003	1.5
130	OVPB	X	0	1.5
131	OVPB	Z	-4.375	1.5
132	OVPB	Mx	.003	1.5
133	OVPC	X	0	1.5
134	OVPC	Z	-4.06	1.5
135	OVPC	Mx	-.003	1.5
136	OVPC	X	0	1.5
137	OVPC	Z	-4.06	1.5
138	OVPC	Mx	-.003	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	2.612	2.62
2	MP4A	Z	-4.523	2.62
3	MP4A	Mx	-.003	2.62
4	MP4A	X	2.612	4.55
5	MP4A	Z	-4.523	4.55
6	MP4A	Mx	-.003	4.55
7	MP4B	X	1.206	2.62
8	MP4B	Z	-2.089	2.62
9	MP4B	Mx	.002	2.62
10	MP4B	X	1.206	4.55
11	MP4B	Z	-2.089	4.55
12	MP4B	Mx	.002	4.55
13	MP4C	X	2.612	2.62
14	MP4C	Z	-4.523	2.62
15	MP4C	Mx	-.003	2.62
16	MP4C	X	2.612	4.55
17	MP4C	Z	-4.523	4.55
18	MP4C	Mx	-.003	4.55
19	MP3A	X	1.098	.88
20	MP3A	Z	-1.902	.88

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP3A	Mx	.000915	.88
22	MP3A	X	1.098	.88
23	MP3A	Z	-1.902	.88
24	MP3A	Mx	.000915	.88
25	MP3B	X	.538	.88
26	MP3B	Z	-.932	.88
27	MP3B	Mx	-.000897	.88
28	MP3B	X	.538	.88
29	MP3B	Z	-.932	.88
30	MP3B	Mx	-.000897	.88
31	MP3C	X	1.098	.88
32	MP3C	Z	-1.902	.88
33	MP3C	Mx	.000915	.88
34	MP3C	X	1.098	.88
35	MP3C	Z	-1.902	.88
36	MP3C	Mx	.000915	.88
37	MP3A	X	5.11	1.33
38	MP3A	Z	-8.851	1.33
39	MP3A	Mx	-.01	1.33
40	MP3A	X	5.11	5.83
41	MP3A	Z	-8.851	5.83
42	MP3A	Mx	-.01	5.83
43	MP3B	X	4.456	1.33
44	MP3B	Z	-7.719	1.33
45	MP3B	Mx	.009	1.33
46	MP3B	X	4.456	5.83
47	MP3B	Z	-7.719	5.83
48	MP3B	Mx	.009	5.83
49	MP3C	X	5.11	1.33
50	MP3C	Z	-8.851	1.33
51	MP3C	Mx	5.3e-5	1.33
52	MP3C	X	5.11	5.83
53	MP3C	Z	-8.851	5.83
54	MP3C	Mx	5.3e-5	5.83
55	MP3A	X	5.11	1.33
56	MP3A	Z	-8.851	1.33
57	MP3A	Mx	5.3e-5	1.33
58	MP3A	X	5.11	5.83
59	MP3A	Z	-8.851	5.83
60	MP3A	Mx	5.3e-5	5.83
61	MP3B	X	4.456	1.33
62	MP3B	Z	-7.719	1.33
63	MP3B	Mx	.009	1.33
64	MP3B	X	4.456	5.83
65	MP3B	Z	-7.719	5.83
66	MP3B	Mx	.009	5.83
67	MP3C	X	5.11	1.33
68	MP3C	Z	-8.851	1.33
69	MP3C	Mx	-.01	1.33
70	MP3C	X	5.11	5.83
71	MP3C	Z	-8.851	5.83
72	MP3C	Mx	-.01	5.83
73	MP1A	X	.466	3.07
74	MP1A	Z	-.807	3.07
75	MP1A	Mx	-.000311	3.07
76	MP1A	X	.466	4.1
77	MP1A	Z	-.807	4.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP1A	Mx	-.000311	4.1
79	MP1B	X	.114	3.07
80	MP1B	Z	-.198	3.07
81	MP1B	Mx	.000152	3.07
82	MP1B	X	.114	4.1
83	MP1B	Z	-.198	4.1
84	MP1B	Mx	.000152	4.1
85	MP1C	X	.466	3.07
86	MP1C	Z	-.807	3.07
87	MP1C	Mx	-.000311	3.07
88	MP1C	X	.466	4.1
89	MP1C	Z	-.807	4.1
90	MP1C	Mx	-.000311	4.1
91	MP2A	X	1.124	3.42
92	MP2A	Z	-1.947	3.42
93	MP2A	Mx	.000937	3.42
94	MP2A	X	1.124	3.42
95	MP2A	Z	-1.947	3.42
96	MP2A	Mx	.000937	3.42
97	MP2B	X	.819	3.42
98	MP2B	Z	-1.419	3.42
99	MP2B	Mx	-.001	3.42
100	MP2B	X	.819	3.42
101	MP2B	Z	-1.419	3.42
102	MP2B	Mx	-.001	3.42
103	MP2C	X	1.124	3.42
104	MP2C	Z	-1.947	3.42
105	MP2C	Mx	.000937	3.42
106	MP2C	X	1.124	3.42
107	MP2C	Z	-1.947	3.42
108	MP2C	Mx	.000937	3.42
109	MP3A	X	1.085	3.42
110	MP3A	Z	-1.879	3.42
111	MP3A	Mx	.000904	3.42
112	MP3A	X	1.085	3.42
113	MP3A	Z	-1.879	3.42
114	MP3A	Mx	.000904	3.42
115	MP3B	X	.664	3.42
116	MP3B	Z	-1.149	3.42
117	MP3B	Mx	-.001	3.42
118	MP3B	X	.664	3.42
119	MP3B	Z	-1.149	3.42
120	MP3B	Mx	-.001	3.42
121	MP3C	X	1.085	3.42
122	MP3C	Z	-1.879	3.42
123	MP3C	Mx	.000904	3.42
124	MP3C	X	1.085	3.42
125	MP3C	Z	-1.879	3.42
126	MP3C	Mx	.000904	3.42
127	OVPB	X	2.03	1.5
128	OVPB	Z	-3.516	1.5
129	OVPB	Mx	.003	1.5
130	OVPB	X	2.03	1.5
131	OVPB	Z	-3.516	1.5
132	OVPB	Mx	.003	1.5
133	OVPC	X	2.188	1.5
134	OVPC	Z	-3.789	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
135	OVPC	Mx	-.003	1.5
136	OVPC	X	2.188	1.5
137	OVPC	Z	-3.789	1.5
138	OVPC	Mx	-.003	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	2.9	2.62
2	MP4A	Z	-1.674	2.62
3	MP4A	Mx	-.003	2.62
4	MP4A	X	2.9	4.55
5	MP4A	Z	-1.674	4.55
6	MP4A	Mx	-.003	4.55
7	MP4B	X	2.9	2.62
8	MP4B	Z	-1.674	2.62
9	MP4B	Mx	.003	2.62
10	MP4B	X	2.9	4.55
11	MP4B	Z	-1.674	4.55
12	MP4B	Mx	.003	4.55
13	MP4C	X	5.335	2.62
14	MP4C	Z	-3.08	2.62
15	MP4C	Mx	0	2.62
16	MP4C	X	5.335	4.55
17	MP4C	Z	-3.08	4.55
18	MP4C	Mx	0	4.55
19	MP3A	X	1.255	.88
20	MP3A	Z	-.725	.88
21	MP3A	Mx	.001	.88
22	MP3A	X	1.255	.88
23	MP3A	Z	-.725	.88
24	MP3A	Mx	.001	.88
25	MP3B	X	1.255	.88
26	MP3B	Z	-.725	.88
27	MP3B	Mx	-.001	.88
28	MP3B	X	1.255	.88
29	MP3B	Z	-.725	.88
30	MP3B	Mx	-.001	.88
31	MP3C	X	2.225	.88
32	MP3C	Z	-1.284	.88
33	MP3C	Mx	0	.88
34	MP3C	X	2.225	.88
35	MP3C	Z	-1.284	.88
36	MP3C	Mx	0	.88
37	MP3A	X	8.096	1.33
38	MP3A	Z	-4.674	1.33
39	MP3A	Mx	-.011	1.33
40	MP3A	X	8.096	5.83
41	MP3A	Z	-4.674	5.83
42	MP3A	Mx	-.011	5.83
43	MP3B	X	8.096	1.33
44	MP3B	Z	-4.674	1.33
45	MP3B	Mx	.005	1.33
46	MP3B	X	8.096	5.83
47	MP3B	Z	-4.674	5.83
48	MP3B	Mx	.005	5.83
49	MP3C	X	9.228	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
50	MP3C	Z	-5.328	1.33
51	MP3C	Mx	.006	1.33
52	MP3C	X	9.228	5.83
53	MP3C	Z	-5.328	5.83
54	MP3C	Mx	.006	5.83
55	MP3A	X	8.096	1.33
56	MP3A	Z	-4.674	1.33
57	MP3A	Mx	-.005	1.33
58	MP3A	X	8.096	5.83
59	MP3A	Z	-4.674	5.83
60	MP3A	Mx	-.005	5.83
61	MP3B	X	8.096	1.33
62	MP3B	Z	-4.674	1.33
63	MP3B	Mx	.011	1.33
64	MP3B	X	8.096	5.83
65	MP3B	Z	-4.674	5.83
66	MP3B	Mx	.011	5.83
67	MP3C	X	9.228	1.33
68	MP3C	Z	-5.328	1.33
69	MP3C	Mx	-.006	1.33
70	MP3C	X	9.228	5.83
71	MP3C	Z	-5.328	5.83
72	MP3C	Mx	-.006	5.83
73	MP1A	X	.401	3.07
74	MP1A	Z	-.232	3.07
75	MP1A	Mx	-.000267	3.07
76	MP1A	X	.401	4.1
77	MP1A	Z	-.232	4.1
78	MP1A	Mx	-.000267	4.1
79	MP1B	X	.401	3.07
80	MP1B	Z	-.232	3.07
81	MP1B	Mx	.000268	3.07
82	MP1B	X	.401	4.1
83	MP1B	Z	-.232	4.1
84	MP1B	Mx	.000268	4.1
85	MP1C	X	1.01	3.07
86	MP1C	Z	-.583	3.07
87	MP1C	Mx	0	3.07
88	MP1C	X	1.01	4.1
89	MP1C	Z	-.583	4.1
90	MP1C	Mx	0	4.1
91	MP2A	X	1.595	3.42
92	MP2A	Z	-.921	3.42
93	MP2A	Mx	.001	3.42
94	MP2A	X	1.595	3.42
95	MP2A	Z	-.921	3.42
96	MP2A	Mx	.001	3.42
97	MP2B	X	1.595	3.42
98	MP2B	Z	-.921	3.42
99	MP2B	Mx	-.001	3.42
100	MP2B	X	1.595	3.42
101	MP2B	Z	-.921	3.42
102	MP2B	Mx	-.001	3.42
103	MP2C	X	2.123	3.42
104	MP2C	Z	-1.225	3.42
105	MP2C	Mx	-1e-6	3.42
106	MP2C	X	2.123	3.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
107	MP2C	Z	-1.225	3.42
108	MP2C	Mx	-1e-6	3.42
109	MP3A	X	1.393	3.42
110	MP3A	Z	-.804	3.42
111	MP3A	Mx	.001	3.42
112	MP3A	X	1.393	3.42
113	MP3A	Z	-.804	3.42
114	MP3A	Mx	.001	3.42
115	MP3B	X	1.393	3.42
116	MP3B	Z	-.804	3.42
117	MP3B	Mx	-.001	3.42
118	MP3B	X	1.393	3.42
119	MP3B	Z	-.804	3.42
120	MP3B	Mx	-.001	3.42
121	MP3C	X	2.123	3.42
122	MP3C	Z	-1.225	3.42
123	MP3C	Mx	-1e-6	3.42
124	MP3C	X	2.123	3.42
125	MP3C	Z	-1.225	3.42
126	MP3C	Mx	-1e-6	3.42
127	OVPB	X	3.789	1.5
128	OVPB	Z	-2.188	1.5
129	OVPB	Mx	.003	1.5
130	OVPB	X	3.789	1.5
131	OVPB	Z	-2.188	1.5
132	OVPB	Mx	.003	1.5
133	OVPC	X	4.335	1.5
134	OVPC	Z	-2.503	1.5
135	OVPC	Mx	-.002	1.5
136	OVPC	X	4.335	1.5
137	OVPC	Z	-2.503	1.5
138	OVPC	Mx	-.002	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	2.412	2.62
2	MP4A	Z	0	2.62
3	MP4A	Mx	-.002	2.62
4	MP4A	X	2.412	4.55
5	MP4A	Z	0	4.55
6	MP4A	Mx	-.002	4.55
7	MP4B	X	5.223	2.62
8	MP4B	Z	0	2.62
9	MP4B	Mx	.003	2.62
10	MP4B	X	5.223	4.55
11	MP4B	Z	0	4.55
12	MP4B	Mx	.003	4.55
13	MP4C	X	5.223	2.62
14	MP4C	Z	0	2.62
15	MP4C	Mx	.003	2.62
16	MP4C	X	5.223	4.55
17	MP4C	Z	0	4.55
18	MP4C	Mx	.003	4.55
19	MP3A	X	1.077	.88
20	MP3A	Z	0	.88
21	MP3A	Mx	.000898	.88

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP3A	X	1.077	.88
23	MP3A	Z	0	.88
24	MP3A	Mx	.000898	.88
25	MP3B	X	2.196	.88
26	MP3B	Z	0	.88
27	MP3B	Mx	-.000915	.88
28	MP3B	X	2.196	.88
29	MP3B	Z	0	.88
30	MP3B	Mx	-.000915	.88
31	MP3C	X	2.196	.88
32	MP3C	Z	0	.88
33	MP3C	Mx	-.000915	.88
34	MP3C	X	2.196	.88
35	MP3C	Z	0	.88
36	MP3C	Mx	-.000915	.88
37	MP3A	X	8.913	1.33
38	MP3A	Z	0	1.33
39	MP3A	Mx	-.009	1.33
40	MP3A	X	8.913	5.83
41	MP3A	Z	0	5.83
42	MP3A	Mx	-.009	5.83
43	MP3B	X	10.22	1.33
44	MP3B	Z	0	1.33
45	MP3B	Mx	-5.3e-5	1.33
46	MP3B	X	10.22	5.83
47	MP3B	Z	0	5.83
48	MP3B	Mx	-5.3e-5	5.83
49	MP3C	X	10.22	1.33
50	MP3C	Z	0	1.33
51	MP3C	Mx	.01	1.33
52	MP3C	X	10.22	5.83
53	MP3C	Z	0	5.83
54	MP3C	Mx	.01	5.83
55	MP3A	X	8.913	1.33
56	MP3A	Z	0	1.33
57	MP3A	Mx	-.009	1.33
58	MP3A	X	8.913	5.83
59	MP3A	Z	0	5.83
60	MP3A	Mx	-.009	5.83
61	MP3B	X	10.22	1.33
62	MP3B	Z	0	1.33
63	MP3B	Mx	.01	1.33
64	MP3B	X	10.22	5.83
65	MP3B	Z	0	5.83
66	MP3B	Mx	.01	5.83
67	MP3C	X	10.22	1.33
68	MP3C	Z	0	1.33
69	MP3C	Mx	-5.3e-5	1.33
70	MP3C	X	10.22	5.83
71	MP3C	Z	0	5.83
72	MP3C	Mx	-5.3e-5	5.83
73	MP1A	X	.229	3.07
74	MP1A	Z	0	3.07
75	MP1A	Mx	-.000153	3.07
76	MP1A	X	.229	4.1
77	MP1A	Z	0	4.1
78	MP1A	Mx	-.000153	4.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	MP1B	X	.932	3.07
80	MP1B	Z	0	3.07
81	MP1B	Mx	.000311	3.07
82	MP1B	X	.932	4.1
83	MP1B	Z	0	4.1
84	MP1B	Mx	.000311	4.1
85	MP1C	X	.932	3.07
86	MP1C	Z	0	3.07
87	MP1C	Mx	.000311	3.07
88	MP1C	X	.932	4.1
89	MP1C	Z	0	4.1
90	MP1C	Mx	.000311	4.1
91	MP2A	X	1.638	3.42
92	MP2A	Z	0	3.42
93	MP2A	Mx	.001	3.42
94	MP2A	X	1.638	3.42
95	MP2A	Z	0	3.42
96	MP2A	Mx	.001	3.42
97	MP2B	X	2.248	3.42
98	MP2B	Z	0	3.42
99	MP2B	Mx	-.000937	3.42
100	MP2B	X	2.248	3.42
101	MP2B	Z	0	3.42
102	MP2B	Mx	-.000937	3.42
103	MP2C	X	2.248	3.42
104	MP2C	Z	0	3.42
105	MP2C	Mx	-.000937	3.42
106	MP2C	X	2.248	3.42
107	MP2C	Z	0	3.42
108	MP2C	Mx	-.000937	3.42
109	MP3A	X	1.327	3.42
110	MP3A	Z	0	3.42
111	MP3A	Mx	.001	3.42
112	MP3A	X	1.327	3.42
113	MP3A	Z	0	3.42
114	MP3A	Mx	.001	3.42
115	MP3B	X	2.17	3.42
116	MP3B	Z	0	3.42
117	MP3B	Mx	-.000904	3.42
118	MP3B	X	2.17	3.42
119	MP3B	Z	0	3.42
120	MP3B	Mx	-.000904	3.42
121	MP3C	X	2.17	3.42
122	MP3C	Z	0	3.42
123	MP3C	Mx	-.000904	3.42
124	MP3C	X	2.17	3.42
125	MP3C	Z	0	3.42
126	MP3C	Mx	-.000904	3.42
127	OVPB	X	5.006	1.5
128	OVPB	Z	0	1.5
129	OVPB	Mx	.002	1.5
130	OVPB	X	5.006	1.5
131	OVPB	Z	0	1.5
132	OVPB	Mx	.002	1.5
133	OVPC	X	5.321	1.5
134	OVPC	Z	0	1.5
135	OVPC	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
136	OVPC	X	5.321	1.5
137	OVPC	Z	0	1.5
138	OVPC	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	2.9	2.62
2	MP4A	Z	1.674	2.62
3	MP4A	Mx	-.003	2.62
4	MP4A	X	2.9	4.55
5	MP4A	Z	1.674	4.55
6	MP4A	Mx	-.003	4.55
7	MP4B	X	5.335	2.62
8	MP4B	Z	3.08	2.62
9	MP4B	Mx	0	2.62
10	MP4B	X	5.335	4.55
11	MP4B	Z	3.08	4.55
12	MP4B	Mx	0	4.55
13	MP4C	X	2.9	2.62
14	MP4C	Z	1.674	2.62
15	MP4C	Mx	.003	2.62
16	MP4C	X	2.9	4.55
17	MP4C	Z	1.674	4.55
18	MP4C	Mx	.003	4.55
19	MP3A	X	1.255	.88
20	MP3A	Z	.725	.88
21	MP3A	Mx	.001	.88
22	MP3A	X	1.255	.88
23	MP3A	Z	.725	.88
24	MP3A	Mx	.001	.88
25	MP3B	X	2.225	.88
26	MP3B	Z	1.284	.88
27	MP3B	Mx	0	.88
28	MP3B	X	2.225	.88
29	MP3B	Z	1.284	.88
30	MP3B	Mx	0	.88
31	MP3C	X	1.255	.88
32	MP3C	Z	.725	.88
33	MP3C	Mx	-.001	.88
34	MP3C	X	1.255	.88
35	MP3C	Z	.725	.88
36	MP3C	Mx	-.001	.88
37	MP3A	X	8.096	1.33
38	MP3A	Z	4.674	1.33
39	MP3A	Mx	-.005	1.33
40	MP3A	X	8.096	5.83
41	MP3A	Z	4.674	5.83
42	MP3A	Mx	-.005	5.83
43	MP3B	X	9.228	1.33
44	MP3B	Z	5.328	1.33
45	MP3B	Mx	-.006	1.33
46	MP3B	X	9.228	5.83
47	MP3B	Z	5.328	5.83
48	MP3B	Mx	-.006	5.83
49	MP3C	X	8.096	1.33
50	MP3C	Z	4.674	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP3C	Mx	.011	1.33
52	MP3C	X	8.096	5.83
53	MP3C	Z	4.674	5.83
54	MP3C	Mx	.011	5.83
55	MP3A	X	8.096	1.33
56	MP3A	Z	4.674	1.33
57	MP3A	Mx	-.011	1.33
58	MP3A	X	8.096	5.83
59	MP3A	Z	4.674	5.83
60	MP3A	Mx	-.011	5.83
61	MP3B	X	9.228	1.33
62	MP3B	Z	5.328	1.33
63	MP3B	Mx	.006	1.33
64	MP3B	X	9.228	5.83
65	MP3B	Z	5.328	5.83
66	MP3B	Mx	.006	5.83
67	MP3C	X	8.096	1.33
68	MP3C	Z	4.674	1.33
69	MP3C	Mx	.005	1.33
70	MP3C	X	8.096	5.83
71	MP3C	Z	4.674	5.83
72	MP3C	Mx	.005	5.83
73	MP1A	X	.401	3.07
74	MP1A	Z	.232	3.07
75	MP1A	Mx	-.000267	3.07
76	MP1A	X	.401	4.1
77	MP1A	Z	.232	4.1
78	MP1A	Mx	-.000267	4.1
79	MP1B	X	1.01	3.07
80	MP1B	Z	.583	3.07
81	MP1B	Mx	0	3.07
82	MP1B	X	1.01	4.1
83	MP1B	Z	.583	4.1
84	MP1B	Mx	0	4.1
85	MP1C	X	.401	3.07
86	MP1C	Z	.232	3.07
87	MP1C	Mx	.000268	3.07
88	MP1C	X	.401	4.1
89	MP1C	Z	.232	4.1
90	MP1C	Mx	.000268	4.1
91	MP2A	X	1.595	3.42
92	MP2A	Z	.921	3.42
93	MP2A	Mx	.001	3.42
94	MP2A	X	1.595	3.42
95	MP2A	Z	.921	3.42
96	MP2A	Mx	.001	3.42
97	MP2B	X	2.123	3.42
98	MP2B	Z	1.225	3.42
99	MP2B	Mx	-1e-6	3.42
100	MP2B	X	2.123	3.42
101	MP2B	Z	1.225	3.42
102	MP2B	Mx	-1e-6	3.42
103	MP2C	X	1.595	3.42
104	MP2C	Z	.921	3.42
105	MP2C	Mx	-.001	3.42
106	MP2C	X	1.595	3.42
107	MP2C	Z	.921	3.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
108	MP2C	Mx	-.001	3.42
109	MP3A	X	1.393	3.42
110	MP3A	Z	.804	3.42
111	MP3A	Mx	.001	3.42
112	MP3A	X	1.393	3.42
113	MP3A	Z	.804	3.42
114	MP3A	Mx	.001	3.42
115	MP3B	X	2.123	3.42
116	MP3B	Z	1.225	3.42
117	MP3B	Mx	-1e-6	3.42
118	MP3B	X	2.123	3.42
119	MP3B	Z	1.225	3.42
120	MP3B	Mx	-1e-6	3.42
121	MP3C	X	1.393	3.42
122	MP3C	Z	.804	3.42
123	MP3C	Mx	-.001	3.42
124	MP3C	X	1.393	3.42
125	MP3C	Z	.804	3.42
126	MP3C	Mx	-.001	3.42
127	OVPB	X	4.608	1.5
128	OVPB	Z	2.661	1.5
129	OVPB	Mx	0	1.5
130	OVPB	X	4.608	1.5
131	OVPB	Z	2.661	1.5
132	OVPB	Mx	0	1.5
133	OVPC	X	4.335	1.5
134	OVPC	Z	2.503	1.5
135	OVPC	Mx	.002	1.5
136	OVPC	X	4.335	1.5
137	OVPC	Z	2.503	1.5
138	OVPC	Mx	.002	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	2.612	2.62
2	MP4A	Z	4.523	2.62
3	MP4A	Mx	-.003	2.62
4	MP4A	X	2.612	4.55
5	MP4A	Z	4.523	4.55
6	MP4A	Mx	-.003	4.55
7	MP4B	X	2.612	2.62
8	MP4B	Z	4.523	2.62
9	MP4B	Mx	-.003	2.62
10	MP4B	X	2.612	4.55
11	MP4B	Z	4.523	4.55
12	MP4B	Mx	-.003	4.55
13	MP4C	X	1.206	2.62
14	MP4C	Z	2.089	2.62
15	MP4C	Mx	.002	2.62
16	MP4C	X	1.206	4.55
17	MP4C	Z	2.089	4.55
18	MP4C	Mx	.002	4.55
19	MP3A	X	1.098	.88
20	MP3A	Z	1.902	.88
21	MP3A	Mx	.000915	.88
22	MP3A	X	1.098	.88

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP3A	Z	1.902	.88
24	MP3A	Mx	.000915	.88
25	MP3B	X	1.098	.88
26	MP3B	Z	1.902	.88
27	MP3B	Mx	.000915	.88
28	MP3B	X	1.098	.88
29	MP3B	Z	1.902	.88
30	MP3B	Mx	.000915	.88
31	MP3C	X	.538	.88
32	MP3C	Z	.932	.88
33	MP3C	Mx	-.000897	.88
34	MP3C	X	.538	.88
35	MP3C	Z	.932	.88
36	MP3C	Mx	-.000897	.88
37	MP3A	X	5.11	1.33
38	MP3A	Z	8.851	1.33
39	MP3A	Mx	5.3e-5	1.33
40	MP3A	X	5.11	5.83
41	MP3A	Z	8.851	5.83
42	MP3A	Mx	5.3e-5	5.83
43	MP3B	X	5.11	1.33
44	MP3B	Z	8.851	1.33
45	MP3B	Mx	-.01	1.33
46	MP3B	X	5.11	5.83
47	MP3B	Z	8.851	5.83
48	MP3B	Mx	-.01	5.83
49	MP3C	X	4.456	1.33
50	MP3C	Z	7.719	1.33
51	MP3C	Mx	.009	1.33
52	MP3C	X	4.456	5.83
53	MP3C	Z	7.719	5.83
54	MP3C	Mx	.009	5.83
55	MP3A	X	5.11	1.33
56	MP3A	Z	8.851	1.33
57	MP3A	Mx	-.01	1.33
58	MP3A	X	5.11	5.83
59	MP3A	Z	8.851	5.83
60	MP3A	Mx	-.01	5.83
61	MP3B	X	5.11	1.33
62	MP3B	Z	8.851	1.33
63	MP3B	Mx	5.3e-5	1.33
64	MP3B	X	5.11	5.83
65	MP3B	Z	8.851	5.83
66	MP3B	Mx	5.3e-5	5.83
67	MP3C	X	4.456	1.33
68	MP3C	Z	7.719	1.33
69	MP3C	Mx	.009	1.33
70	MP3C	X	4.456	5.83
71	MP3C	Z	7.719	5.83
72	MP3C	Mx	.009	5.83
73	MP1A	X	.466	3.07
74	MP1A	Z	.807	3.07
75	MP1A	Mx	-.000311	3.07
76	MP1A	X	.466	4.1
77	MP1A	Z	.807	4.1
78	MP1A	Mx	-.000311	4.1
79	MP1B	X	.466	3.07

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP1B	Z	.807	3.07
81	MP1B	Mx	-.000311	3.07
82	MP1B	X	.466	4.1
83	MP1B	Z	.807	4.1
84	MP1B	Mx	-.000311	4.1
85	MP1C	X	.114	3.07
86	MP1C	Z	.198	3.07
87	MP1C	Mx	.000152	3.07
88	MP1C	X	.114	4.1
89	MP1C	Z	.198	4.1
90	MP1C	Mx	.000152	4.1
91	MP2A	X	1.124	3.42
92	MP2A	Z	1.947	3.42
93	MP2A	Mx	.000937	3.42
94	MP2A	X	1.124	3.42
95	MP2A	Z	1.947	3.42
96	MP2A	Mx	.000937	3.42
97	MP2B	X	1.124	3.42
98	MP2B	Z	1.947	3.42
99	MP2B	Mx	.000937	3.42
100	MP2B	X	1.124	3.42
101	MP2B	Z	1.947	3.42
102	MP2B	Mx	.000937	3.42
103	MP2C	X	.819	3.42
104	MP2C	Z	1.419	3.42
105	MP2C	Mx	-.001	3.42
106	MP2C	X	.819	3.42
107	MP2C	Z	1.419	3.42
108	MP2C	Mx	-.001	3.42
109	MP3A	X	1.085	3.42
110	MP3A	Z	1.879	3.42
111	MP3A	Mx	.000904	3.42
112	MP3A	X	1.085	3.42
113	MP3A	Z	1.879	3.42
114	MP3A	Mx	.000904	3.42
115	MP3B	X	1.085	3.42
116	MP3B	Z	1.879	3.42
117	MP3B	Mx	.000904	3.42
118	MP3B	X	1.085	3.42
119	MP3B	Z	1.879	3.42
120	MP3B	Mx	.000904	3.42
121	MP3C	X	.664	3.42
122	MP3C	Z	1.149	3.42
123	MP3C	Mx	-.001	3.42
124	MP3C	X	.664	3.42
125	MP3C	Z	1.149	3.42
126	MP3C	Mx	-.001	3.42
127	OVPB	X	2.503	1.5
128	OVPB	Z	4.335	1.5
129	OVPB	Mx	-.002	1.5
130	OVPB	X	2.503	1.5
131	OVPB	Z	4.335	1.5
132	OVPB	Mx	-.002	1.5
133	OVPC	X	2.188	1.5
134	OVPC	Z	3.789	1.5
135	OVPC	Mx	.003	1.5
136	OVPC	X	2.188	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
137	OVPC	Z	3.789	1.5
138	OVPC	Mx	.003	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2.62
2	MP4A	Z	6.16	2.62
3	MP4A	Mx	0	2.62
4	MP4A	X	0	4.55
5	MP4A	Z	6.16	4.55
6	MP4A	Mx	0	4.55
7	MP4B	X	0	2.62
8	MP4B	Z	3.349	2.62
9	MP4B	Mx	-.003	2.62
10	MP4B	X	0	4.55
11	MP4B	Z	3.349	4.55
12	MP4B	Mx	-.003	4.55
13	MP4C	X	0	2.62
14	MP4C	Z	3.349	2.62
15	MP4C	Mx	.003	2.62
16	MP4C	X	0	4.55
17	MP4C	Z	3.349	4.55
18	MP4C	Mx	.003	4.55
19	MP3A	X	0	.88
20	MP3A	Z	2.569	.88
21	MP3A	Mx	0	.88
22	MP3A	X	0	.88
23	MP3A	Z	2.569	.88
24	MP3A	Mx	0	.88
25	MP3B	X	0	.88
26	MP3B	Z	1.45	.88
27	MP3B	Mx	.001	.88
28	MP3B	X	0	.88
29	MP3B	Z	1.45	.88
30	MP3B	Mx	.001	.88
31	MP3C	X	0	.88
32	MP3C	Z	1.45	.88
33	MP3C	Mx	-.001	.88
34	MP3C	X	0	.88
35	MP3C	Z	1.45	.88
36	MP3C	Mx	-.001	.88
37	MP3A	X	0	1.33
38	MP3A	Z	10.656	1.33
39	MP3A	Mx	.006	1.33
40	MP3A	X	0	5.83
41	MP3A	Z	10.656	5.83
42	MP3A	Mx	.006	5.83
43	MP3B	X	0	1.33
44	MP3B	Z	9.348	1.33
45	MP3B	Mx	-.011	1.33
46	MP3B	X	0	5.83
47	MP3B	Z	9.348	5.83
48	MP3B	Mx	-.011	5.83
49	MP3C	X	0	1.33
50	MP3C	Z	9.348	1.33
51	MP3C	Mx	.005	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP3C	X	0	5.83
53	MP3C	Z	9.348	5.83
54	MP3C	Mx	.005	5.83
55	MP3A	X	0	1.33
56	MP3A	Z	10.656	1.33
57	MP3A	Mx	-.006	1.33
58	MP3A	X	0	5.83
59	MP3A	Z	10.656	5.83
60	MP3A	Mx	-.006	5.83
61	MP3B	X	0	1.33
62	MP3B	Z	9.348	1.33
63	MP3B	Mx	-.005	1.33
64	MP3B	X	0	5.83
65	MP3B	Z	9.348	5.83
66	MP3B	Mx	-.005	5.83
67	MP3C	X	0	1.33
68	MP3C	Z	9.348	1.33
69	MP3C	Mx	.011	1.33
70	MP3C	X	0	5.83
71	MP3C	Z	9.348	5.83
72	MP3C	Mx	.011	5.83
73	MP1A	X	0	3.07
74	MP1A	Z	1.167	3.07
75	MP1A	Mx	0	3.07
76	MP1A	X	0	4.1
77	MP1A	Z	1.167	4.1
78	MP1A	Mx	0	4.1
79	MP1B	X	0	3.07
80	MP1B	Z	.463	3.07
81	MP1B	Mx	-.000267	3.07
82	MP1B	X	0	4.1
83	MP1B	Z	.463	4.1
84	MP1B	Mx	-.000267	4.1
85	MP1C	X	0	3.07
86	MP1C	Z	.463	3.07
87	MP1C	Mx	.000267	3.07
88	MP1C	X	0	4.1
89	MP1C	Z	.463	4.1
90	MP1C	Mx	.000267	4.1
91	MP2A	X	0	3.42
92	MP2A	Z	2.451	3.42
93	MP2A	Mx	0	3.42
94	MP2A	X	0	3.42
95	MP2A	Z	2.451	3.42
96	MP2A	Mx	0	3.42
97	MP2B	X	0	3.42
98	MP2B	Z	1.841	3.42
99	MP2B	Mx	.001	3.42
100	MP2B	X	0	3.42
101	MP2B	Z	1.841	3.42
102	MP2B	Mx	.001	3.42
103	MP2C	X	0	3.42
104	MP2C	Z	1.841	3.42
105	MP2C	Mx	-.001	3.42
106	MP2C	X	0	3.42
107	MP2C	Z	1.841	3.42
108	MP2C	Mx	-.001	3.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
109	MP3A	X	0	3.42
110	MP3A	Z	2.451	3.42
111	MP3A	Mx	0	3.42
112	MP3A	X	0	3.42
113	MP3A	Z	2.451	3.42
114	MP3A	Mx	0	3.42
115	MP3B	X	0	3.42
116	MP3B	Z	1.608	3.42
117	MP3B	Mx	.001	3.42
118	MP3B	X	0	3.42
119	MP3B	Z	1.608	3.42
120	MP3B	Mx	.001	3.42
121	MP3C	X	0	3.42
122	MP3C	Z	1.608	3.42
123	MP3C	Mx	-.001	3.42
124	MP3C	X	0	3.42
125	MP3C	Z	1.608	3.42
126	MP3C	Mx	-.001	3.42
127	OVPB	X	0	1.5
128	OVPB	Z	4.375	1.5
129	OVPB	Mx	-.003	1.5
130	OVPB	X	0	1.5
131	OVPB	Z	4.375	1.5
132	OVPB	Mx	-.003	1.5
133	OVPC	X	0	1.5
134	OVPC	Z	4.06	1.5
135	OVPC	Mx	.003	1.5
136	OVPC	X	0	1.5
137	OVPC	Z	4.06	1.5
138	OVPC	Mx	.003	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-2.612	2.62
2	MP4A	Z	4.523	2.62
3	MP4A	Mx	.003	2.62
4	MP4A	X	-2.612	4.55
5	MP4A	Z	4.523	4.55
6	MP4A	Mx	.003	4.55
7	MP4B	X	-1.206	2.62
8	MP4B	Z	2.089	2.62
9	MP4B	Mx	-.002	2.62
10	MP4B	X	-1.206	4.55
11	MP4B	Z	2.089	4.55
12	MP4B	Mx	-.002	4.55
13	MP4C	X	-2.612	2.62
14	MP4C	Z	4.523	2.62
15	MP4C	Mx	.003	2.62
16	MP4C	X	-2.612	4.55
17	MP4C	Z	4.523	4.55
18	MP4C	Mx	.003	4.55
19	MP3A	X	-1.098	.88
20	MP3A	Z	1.902	.88
21	MP3A	Mx	-.000915	.88
22	MP3A	X	-1.098	.88
23	MP3A	Z	1.902	.88

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP3A	Mx	-.000915	.88
25	MP3B	X	-.538	.88
26	MP3B	Z	.932	.88
27	MP3B	Mx	.000897	.88
28	MP3B	X	-.538	.88
29	MP3B	Z	.932	.88
30	MP3B	Mx	.000897	.88
31	MP3C	X	-1.098	.88
32	MP3C	Z	1.902	.88
33	MP3C	Mx	-.000915	.88
34	MP3C	X	-1.098	.88
35	MP3C	Z	1.902	.88
36	MP3C	Mx	-.000915	.88
37	MP3A	X	-5.11	1.33
38	MP3A	Z	8.851	1.33
39	MP3A	Mx	.01	1.33
40	MP3A	X	-5.11	5.83
41	MP3A	Z	8.851	5.83
42	MP3A	Mx	.01	5.83
43	MP3B	X	-4.456	1.33
44	MP3B	Z	7.719	1.33
45	MP3B	Mx	-.009	1.33
46	MP3B	X	-4.456	5.83
47	MP3B	Z	7.719	5.83
48	MP3B	Mx	-.009	5.83
49	MP3C	X	-5.11	1.33
50	MP3C	Z	8.851	1.33
51	MP3C	Mx	-5.3e-5	1.33
52	MP3C	X	-5.11	5.83
53	MP3C	Z	8.851	5.83
54	MP3C	Mx	-5.3e-5	5.83
55	MP3A	X	-5.11	1.33
56	MP3A	Z	8.851	1.33
57	MP3A	Mx	-5.3e-5	1.33
58	MP3A	X	-5.11	5.83
59	MP3A	Z	8.851	5.83
60	MP3A	Mx	-5.3e-5	5.83
61	MP3B	X	-4.456	1.33
62	MP3B	Z	7.719	1.33
63	MP3B	Mx	-.009	1.33
64	MP3B	X	-4.456	5.83
65	MP3B	Z	7.719	5.83
66	MP3B	Mx	-.009	5.83
67	MP3C	X	-5.11	1.33
68	MP3C	Z	8.851	1.33
69	MP3C	Mx	.01	1.33
70	MP3C	X	-5.11	5.83
71	MP3C	Z	8.851	5.83
72	MP3C	Mx	.01	5.83
73	MP1A	X	-.466	3.07
74	MP1A	Z	.807	3.07
75	MP1A	Mx	.000311	3.07
76	MP1A	X	-.466	4.1
77	MP1A	Z	.807	4.1
78	MP1A	Mx	.000311	4.1
79	MP1B	X	-.114	3.07
80	MP1B	Z	.198	3.07

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP1B	Mx	-.000152	3.07
82	MP1B	X	-.114	4.1
83	MP1B	Z	.198	4.1
84	MP1B	Mx	-.000152	4.1
85	MP1C	X	-.466	3.07
86	MP1C	Z	.807	3.07
87	MP1C	Mx	.000311	3.07
88	MP1C	X	-.466	4.1
89	MP1C	Z	.807	4.1
90	MP1C	Mx	.000311	4.1
91	MP2A	X	-1.124	3.42
92	MP2A	Z	1.947	3.42
93	MP2A	Mx	-.000937	3.42
94	MP2A	X	-1.124	3.42
95	MP2A	Z	1.947	3.42
96	MP2A	Mx	-.000937	3.42
97	MP2B	X	-.819	3.42
98	MP2B	Z	1.419	3.42
99	MP2B	Mx	.001	3.42
100	MP2B	X	-.819	3.42
101	MP2B	Z	1.419	3.42
102	MP2B	Mx	.001	3.42
103	MP2C	X	-1.124	3.42
104	MP2C	Z	1.947	3.42
105	MP2C	Mx	-.000937	3.42
106	MP2C	X	-1.124	3.42
107	MP2C	Z	1.947	3.42
108	MP2C	Mx	-.000937	3.42
109	MP3A	X	-1.085	3.42
110	MP3A	Z	1.879	3.42
111	MP3A	Mx	-.000904	3.42
112	MP3A	X	-1.085	3.42
113	MP3A	Z	1.879	3.42
114	MP3A	Mx	-.000904	3.42
115	MP3B	X	-.664	3.42
116	MP3B	Z	1.149	3.42
117	MP3B	Mx	.001	3.42
118	MP3B	X	-.664	3.42
119	MP3B	Z	1.149	3.42
120	MP3B	Mx	.001	3.42
121	MP3C	X	-1.085	3.42
122	MP3C	Z	1.879	3.42
123	MP3C	Mx	-.000904	3.42
124	MP3C	X	-1.085	3.42
125	MP3C	Z	1.879	3.42
126	MP3C	Mx	-.000904	3.42
127	OVPB	X	-2.03	1.5
128	OVPB	Z	3.516	1.5
129	OVPB	Mx	-.003	1.5
130	OVPB	X	-2.03	1.5
131	OVPB	Z	3.516	1.5
132	OVPB	Mx	-.003	1.5
133	OVPC	X	-2.188	1.5
134	OVPC	Z	3.789	1.5
135	OVPC	Mx	.003	1.5
136	OVPC	X	-2.188	1.5
137	OVPC	Z	3.789	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
138	OVPC	Mx	.003	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-2.9	2.62
2	MP4A	Z	1.674	2.62
3	MP4A	Mx	.003	2.62
4	MP4A	X	-2.9	4.55
5	MP4A	Z	1.674	4.55
6	MP4A	Mx	.003	4.55
7	MP4B	X	-2.9	2.62
8	MP4B	Z	1.674	2.62
9	MP4B	Mx	-.003	2.62
10	MP4B	X	-2.9	4.55
11	MP4B	Z	1.674	4.55
12	MP4B	Mx	-.003	4.55
13	MP4C	X	-5.335	2.62
14	MP4C	Z	3.08	2.62
15	MP4C	Mx	0	2.62
16	MP4C	X	-5.335	4.55
17	MP4C	Z	3.08	4.55
18	MP4C	Mx	0	4.55
19	MP3A	X	-1.255	.88
20	MP3A	Z	.725	.88
21	MP3A	Mx	-.001	.88
22	MP3A	X	-1.255	.88
23	MP3A	Z	.725	.88
24	MP3A	Mx	-.001	.88
25	MP3B	X	-1.255	.88
26	MP3B	Z	.725	.88
27	MP3B	Mx	.001	.88
28	MP3B	X	-1.255	.88
29	MP3B	Z	.725	.88
30	MP3B	Mx	.001	.88
31	MP3C	X	-2.225	.88
32	MP3C	Z	1.284	.88
33	MP3C	Mx	0	.88
34	MP3C	X	-2.225	.88
35	MP3C	Z	1.284	.88
36	MP3C	Mx	0	.88
37	MP3A	X	-8.096	1.33
38	MP3A	Z	4.674	1.33
39	MP3A	Mx	.011	1.33
40	MP3A	X	-8.096	5.83
41	MP3A	Z	4.674	5.83
42	MP3A	Mx	.011	5.83
43	MP3B	X	-8.096	1.33
44	MP3B	Z	4.674	1.33
45	MP3B	Mx	-.005	1.33
46	MP3B	X	-8.096	5.83
47	MP3B	Z	4.674	5.83
48	MP3B	Mx	-.005	5.83
49	MP3C	X	-9.228	1.33
50	MP3C	Z	5.328	1.33
51	MP3C	Mx	-.006	1.33
52	MP3C	X	-9.228	5.83

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP3C	Z	5.328	5.83
54	MP3C	Mx	-.006	5.83
55	MP3A	X	-8.096	1.33
56	MP3A	Z	4.674	1.33
57	MP3A	Mx	.005	1.33
58	MP3A	X	-8.096	5.83
59	MP3A	Z	4.674	5.83
60	MP3A	Mx	.005	5.83
61	MP3B	X	-8.096	1.33
62	MP3B	Z	4.674	1.33
63	MP3B	Mx	-.011	1.33
64	MP3B	X	-8.096	5.83
65	MP3B	Z	4.674	5.83
66	MP3B	Mx	-.011	5.83
67	MP3C	X	-9.228	1.33
68	MP3C	Z	5.328	1.33
69	MP3C	Mx	.006	1.33
70	MP3C	X	-9.228	5.83
71	MP3C	Z	5.328	5.83
72	MP3C	Mx	.006	5.83
73	MP1A	X	-.401	3.07
74	MP1A	Z	.232	3.07
75	MP1A	Mx	.000267	3.07
76	MP1A	X	-.401	4.1
77	MP1A	Z	.232	4.1
78	MP1A	Mx	.000267	4.1
79	MP1B	X	-.401	3.07
80	MP1B	Z	.232	3.07
81	MP1B	Mx	-.000268	3.07
82	MP1B	X	-.401	4.1
83	MP1B	Z	.232	4.1
84	MP1B	Mx	-.000268	4.1
85	MP1C	X	-1.01	3.07
86	MP1C	Z	.583	3.07
87	MP1C	Mx	0	3.07
88	MP1C	X	-1.01	4.1
89	MP1C	Z	.583	4.1
90	MP1C	Mx	0	4.1
91	MP2A	X	-1.595	3.42
92	MP2A	Z	.921	3.42
93	MP2A	Mx	-.001	3.42
94	MP2A	X	-1.595	3.42
95	MP2A	Z	.921	3.42
96	MP2A	Mx	-.001	3.42
97	MP2B	X	-1.595	3.42
98	MP2B	Z	.921	3.42
99	MP2B	Mx	.001	3.42
100	MP2B	X	-1.595	3.42
101	MP2B	Z	.921	3.42
102	MP2B	Mx	.001	3.42
103	MP2C	X	-2.123	3.42
104	MP2C	Z	1.225	3.42
105	MP2C	Mx	1e-6	3.42
106	MP2C	X	-2.123	3.42
107	MP2C	Z	1.225	3.42
108	MP2C	Mx	1e-6	3.42
109	MP3A	X	-1.393	3.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	MP3A	Z	.804	3.42
111	MP3A	Mx	-.001	3.42
112	MP3A	X	-1.393	3.42
113	MP3A	Z	.804	3.42
114	MP3A	Mx	-.001	3.42
115	MP3B	X	-1.393	3.42
116	MP3B	Z	.804	3.42
117	MP3B	Mx	.001	3.42
118	MP3B	X	-1.393	3.42
119	MP3B	Z	.804	3.42
120	MP3B	Mx	.001	3.42
121	MP3C	X	-2.123	3.42
122	MP3C	Z	1.225	3.42
123	MP3C	Mx	1e-6	3.42
124	MP3C	X	-2.123	3.42
125	MP3C	Z	1.225	3.42
126	MP3C	Mx	1e-6	3.42
127	OVPB	X	-3.789	1.5
128	OVPB	Z	2.188	1.5
129	OVPB	Mx	-.003	1.5
130	OVPB	X	-3.789	1.5
131	OVPB	Z	2.188	1.5
132	OVPB	Mx	-.003	1.5
133	OVPC	X	-4.335	1.5
134	OVPC	Z	2.503	1.5
135	OVPC	Mx	.002	1.5
136	OVPC	X	-4.335	1.5
137	OVPC	Z	2.503	1.5
138	OVPC	Mx	.002	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-2.412	2.62
2	MP4A	Z	0	2.62
3	MP4A	Mx	.002	2.62
4	MP4A	X	-2.412	4.55
5	MP4A	Z	0	4.55
6	MP4A	Mx	.002	4.55
7	MP4B	X	-5.223	2.62
8	MP4B	Z	0	2.62
9	MP4B	Mx	-.003	2.62
10	MP4B	X	-5.223	4.55
11	MP4B	Z	0	4.55
12	MP4B	Mx	-.003	4.55
13	MP4C	X	-5.223	2.62
14	MP4C	Z	0	2.62
15	MP4C	Mx	-.003	2.62
16	MP4C	X	-5.223	4.55
17	MP4C	Z	0	4.55
18	MP4C	Mx	-.003	4.55
19	MP3A	X	-1.077	.88
20	MP3A	Z	0	.88
21	MP3A	Mx	-.000898	.88
22	MP3A	X	-1.077	.88
23	MP3A	Z	0	.88
24	MP3A	Mx	-.000898	.88

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP3B	X	-2.196	.88
26	MP3B	Z	0	.88
27	MP3B	Mx	.000915	.88
28	MP3B	X	-2.196	.88
29	MP3B	Z	0	.88
30	MP3B	Mx	.000915	.88
31	MP3C	X	-2.196	.88
32	MP3C	Z	0	.88
33	MP3C	Mx	.000915	.88
34	MP3C	X	-2.196	.88
35	MP3C	Z	0	.88
36	MP3C	Mx	.000915	.88
37	MP3A	X	-8.913	1.33
38	MP3A	Z	0	1.33
39	MP3A	Mx	.009	1.33
40	MP3A	X	-8.913	5.83
41	MP3A	Z	0	5.83
42	MP3A	Mx	.009	5.83
43	MP3B	X	-10.22	1.33
44	MP3B	Z	0	1.33
45	MP3B	Mx	5.3e-5	1.33
46	MP3B	X	-10.22	5.83
47	MP3B	Z	0	5.83
48	MP3B	Mx	5.3e-5	5.83
49	MP3C	X	-10.22	1.33
50	MP3C	Z	0	1.33
51	MP3C	Mx	-.01	1.33
52	MP3C	X	-10.22	5.83
53	MP3C	Z	0	5.83
54	MP3C	Mx	-.01	5.83
55	MP3A	X	-8.913	1.33
56	MP3A	Z	0	1.33
57	MP3A	Mx	.009	1.33
58	MP3A	X	-8.913	5.83
59	MP3A	Z	0	5.83
60	MP3A	Mx	.009	5.83
61	MP3B	X	-10.22	1.33
62	MP3B	Z	0	1.33
63	MP3B	Mx	-.01	1.33
64	MP3B	X	-10.22	5.83
65	MP3B	Z	0	5.83
66	MP3B	Mx	-.01	5.83
67	MP3C	X	-10.22	1.33
68	MP3C	Z	0	1.33
69	MP3C	Mx	5.3e-5	1.33
70	MP3C	X	-10.22	5.83
71	MP3C	Z	0	5.83
72	MP3C	Mx	5.3e-5	5.83
73	MP1A	X	-.229	3.07
74	MP1A	Z	0	3.07
75	MP1A	Mx	.000153	3.07
76	MP1A	X	-.229	4.1
77	MP1A	Z	0	4.1
78	MP1A	Mx	.000153	4.1
79	MP1B	X	-.932	3.07
80	MP1B	Z	0	3.07
81	MP1B	Mx	-.000311	3.07

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP1B	X	-.932	4.1
83	MP1B	Z	0	4.1
84	MP1B	Mx	-.000311	4.1
85	MP1C	X	-.932	3.07
86	MP1C	Z	0	3.07
87	MP1C	Mx	-.000311	3.07
88	MP1C	X	-.932	4.1
89	MP1C	Z	0	4.1
90	MP1C	Mx	-.000311	4.1
91	MP2A	X	-1.638	3.42
92	MP2A	Z	0	3.42
93	MP2A	Mx	-.001	3.42
94	MP2A	X	-1.638	3.42
95	MP2A	Z	0	3.42
96	MP2A	Mx	-.001	3.42
97	MP2B	X	-2.248	3.42
98	MP2B	Z	0	3.42
99	MP2B	Mx	.000937	3.42
100	MP2B	X	-2.248	3.42
101	MP2B	Z	0	3.42
102	MP2B	Mx	.000937	3.42
103	MP2C	X	-2.248	3.42
104	MP2C	Z	0	3.42
105	MP2C	Mx	.000937	3.42
106	MP2C	X	-2.248	3.42
107	MP2C	Z	0	3.42
108	MP2C	Mx	.000937	3.42
109	MP3A	X	-1.327	3.42
110	MP3A	Z	0	3.42
111	MP3A	Mx	-.001	3.42
112	MP3A	X	-1.327	3.42
113	MP3A	Z	0	3.42
114	MP3A	Mx	-.001	3.42
115	MP3B	X	-2.17	3.42
116	MP3B	Z	0	3.42
117	MP3B	Mx	.000904	3.42
118	MP3B	X	-2.17	3.42
119	MP3B	Z	0	3.42
120	MP3B	Mx	.000904	3.42
121	MP3C	X	-2.17	3.42
122	MP3C	Z	0	3.42
123	MP3C	Mx	.000904	3.42
124	MP3C	X	-2.17	3.42
125	MP3C	Z	0	3.42
126	MP3C	Mx	.000904	3.42
127	OVPB	X	-5.006	1.5
128	OVPB	Z	0	1.5
129	OVPB	Mx	-.002	1.5
130	OVPB	X	-5.006	1.5
131	OVPB	Z	0	1.5
132	OVPB	Mx	-.002	1.5
133	OVPC	X	-5.321	1.5
134	OVPC	Z	0	1.5
135	OVPC	Mx	0	1.5
136	OVPC	X	-5.321	1.5
137	OVPC	Z	0	1.5
138	OVPC	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-2.9	2.62
2	MP4A	Z	-1.674	2.62
3	MP4A	Mx	.003	2.62
4	MP4A	X	-2.9	4.55
5	MP4A	Z	-1.674	4.55
6	MP4A	Mx	.003	4.55
7	MP4B	X	-5.335	2.62
8	MP4B	Z	-3.08	2.62
9	MP4B	Mx	0	2.62
10	MP4B	X	-5.335	4.55
11	MP4B	Z	-3.08	4.55
12	MP4B	Mx	0	4.55
13	MP4C	X	-2.9	2.62
14	MP4C	Z	-1.674	2.62
15	MP4C	Mx	-.003	2.62
16	MP4C	X	-2.9	4.55
17	MP4C	Z	-1.674	4.55
18	MP4C	Mx	-.003	4.55
19	MP3A	X	-1.255	.88
20	MP3A	Z	-.725	.88
21	MP3A	Mx	-.001	.88
22	MP3A	X	-1.255	.88
23	MP3A	Z	-.725	.88
24	MP3A	Mx	-.001	.88
25	MP3B	X	-2.225	.88
26	MP3B	Z	-1.284	.88
27	MP3B	Mx	0	.88
28	MP3B	X	-2.225	.88
29	MP3B	Z	-1.284	.88
30	MP3B	Mx	0	.88
31	MP3C	X	-1.255	.88
32	MP3C	Z	-.725	.88
33	MP3C	Mx	.001	.88
34	MP3C	X	-1.255	.88
35	MP3C	Z	-.725	.88
36	MP3C	Mx	.001	.88
37	MP3A	X	-8.096	1.33
38	MP3A	Z	-4.674	1.33
39	MP3A	Mx	.005	1.33
40	MP3A	X	-8.096	5.83
41	MP3A	Z	-4.674	5.83
42	MP3A	Mx	.005	5.83
43	MP3B	X	-9.228	1.33
44	MP3B	Z	-5.328	1.33
45	MP3B	Mx	.006	1.33
46	MP3B	X	-9.228	5.83
47	MP3B	Z	-5.328	5.83
48	MP3B	Mx	.006	5.83
49	MP3C	X	-8.096	1.33
50	MP3C	Z	-4.674	1.33
51	MP3C	Mx	-.011	1.33
52	MP3C	X	-8.096	5.83
53	MP3C	Z	-4.674	5.83
54	MP3C	Mx	-.011	5.83
55	MP3A	X	-8.096	1.33
56	MP3A	Z	-4.674	1.33
57	MP3A	Mx	.011	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	-8.096	5.83
59	MP3A	Z	-4.674	5.83
60	MP3A	Mx	.011	5.83
61	MP3B	X	-9.228	1.33
62	MP3B	Z	-5.328	1.33
63	MP3B	Mx	-.006	1.33
64	MP3B	X	-9.228	5.83
65	MP3B	Z	-5.328	5.83
66	MP3B	Mx	-.006	5.83
67	MP3C	X	-8.096	1.33
68	MP3C	Z	-4.674	1.33
69	MP3C	Mx	-.005	1.33
70	MP3C	X	-8.096	5.83
71	MP3C	Z	-4.674	5.83
72	MP3C	Mx	-.005	5.83
73	MP1A	X	-.401	3.07
74	MP1A	Z	-.232	3.07
75	MP1A	Mx	.000267	3.07
76	MP1A	X	-.401	4.1
77	MP1A	Z	-.232	4.1
78	MP1A	Mx	.000267	4.1
79	MP1B	X	-1.01	3.07
80	MP1B	Z	-.583	3.07
81	MP1B	Mx	0	3.07
82	MP1B	X	-1.01	4.1
83	MP1B	Z	-.583	4.1
84	MP1B	Mx	0	4.1
85	MP1C	X	-.401	3.07
86	MP1C	Z	-.232	3.07
87	MP1C	Mx	-.000268	3.07
88	MP1C	X	-.401	4.1
89	MP1C	Z	-.232	4.1
90	MP1C	Mx	-.000268	4.1
91	MP2A	X	-1.595	3.42
92	MP2A	Z	-.921	3.42
93	MP2A	Mx	-.001	3.42
94	MP2A	X	-1.595	3.42
95	MP2A	Z	-.921	3.42
96	MP2A	Mx	-.001	3.42
97	MP2B	X	-2.123	3.42
98	MP2B	Z	-1.225	3.42
99	MP2B	Mx	1e-6	3.42
100	MP2B	X	-2.123	3.42
101	MP2B	Z	-1.225	3.42
102	MP2B	Mx	1e-6	3.42
103	MP2C	X	-1.595	3.42
104	MP2C	Z	-.921	3.42
105	MP2C	Mx	.001	3.42
106	MP2C	X	-1.595	3.42
107	MP2C	Z	-.921	3.42
108	MP2C	Mx	.001	3.42
109	MP3A	X	-1.393	3.42
110	MP3A	Z	-.804	3.42
111	MP3A	Mx	-.001	3.42
112	MP3A	X	-1.393	3.42
113	MP3A	Z	-.804	3.42
114	MP3A	Mx	-.001	3.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP3B	X	-2.123	3.42
116	MP3B	Z	-1.225	3.42
117	MP3B	Mx	1e-6	3.42
118	MP3B	X	-2.123	3.42
119	MP3B	Z	-1.225	3.42
120	MP3B	Mx	1e-6	3.42
121	MP3C	X	-1.393	3.42
122	MP3C	Z	-.804	3.42
123	MP3C	Mx	.001	3.42
124	MP3C	X	-1.393	3.42
125	MP3C	Z	-.804	3.42
126	MP3C	Mx	.001	3.42
127	OVPB	X	-4.608	1.5
128	OVPB	Z	-2.661	1.5
129	OVPB	Mx	0	1.5
130	OVPB	X	-4.608	1.5
131	OVPB	Z	-2.661	1.5
132	OVPB	Mx	0	1.5
133	OVPC	X	-4.335	1.5
134	OVPC	Z	-2.503	1.5
135	OVPC	Mx	-.002	1.5
136	OVPC	X	-4.335	1.5
137	OVPC	Z	-2.503	1.5
138	OVPC	Mx	-.002	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-2.612	2.62
2	MP4A	Z	-4.523	2.62
3	MP4A	Mx	.003	2.62
4	MP4A	X	-2.612	4.55
5	MP4A	Z	-4.523	4.55
6	MP4A	Mx	.003	4.55
7	MP4B	X	-2.612	2.62
8	MP4B	Z	-4.523	2.62
9	MP4B	Mx	.003	2.62
10	MP4B	X	-2.612	4.55
11	MP4B	Z	-4.523	4.55
12	MP4B	Mx	.003	4.55
13	MP4C	X	-1.206	2.62
14	MP4C	Z	-2.089	2.62
15	MP4C	Mx	-.002	2.62
16	MP4C	X	-1.206	4.55
17	MP4C	Z	-2.089	4.55
18	MP4C	Mx	-.002	4.55
19	MP3A	X	-1.098	.88
20	MP3A	Z	-1.902	.88
21	MP3A	Mx	-.000915	.88
22	MP3A	X	-1.098	.88
23	MP3A	Z	-1.902	.88
24	MP3A	Mx	-.000915	.88
25	MP3B	X	-1.098	.88
26	MP3B	Z	-1.902	.88
27	MP3B	Mx	-.000915	.88
28	MP3B	X	-1.098	.88
29	MP3B	Z	-1.902	.88

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP3B	Mx	-.000915	.88
31	MP3C	X	-.538	.88
32	MP3C	Z	-.932	.88
33	MP3C	Mx	.000897	.88
34	MP3C	X	-.538	.88
35	MP3C	Z	-.932	.88
36	MP3C	Mx	.000897	.88
37	MP3A	X	-5.11	1.33
38	MP3A	Z	-8.851	1.33
39	MP3A	Mx	-5.3e-5	1.33
40	MP3A	X	-5.11	5.83
41	MP3A	Z	-8.851	5.83
42	MP3A	Mx	-5.3e-5	5.83
43	MP3B	X	-5.11	1.33
44	MP3B	Z	-8.851	1.33
45	MP3B	Mx	.01	1.33
46	MP3B	X	-5.11	5.83
47	MP3B	Z	-8.851	5.83
48	MP3B	Mx	.01	5.83
49	MP3C	X	-4.456	1.33
50	MP3C	Z	-7.719	1.33
51	MP3C	Mx	-.009	1.33
52	MP3C	X	-4.456	5.83
53	MP3C	Z	-7.719	5.83
54	MP3C	Mx	-.009	5.83
55	MP3A	X	-5.11	1.33
56	MP3A	Z	-8.851	1.33
57	MP3A	Mx	.01	1.33
58	MP3A	X	-5.11	5.83
59	MP3A	Z	-8.851	5.83
60	MP3A	Mx	.01	5.83
61	MP3B	X	-5.11	1.33
62	MP3B	Z	-8.851	1.33
63	MP3B	Mx	-5.3e-5	1.33
64	MP3B	X	-5.11	5.83
65	MP3B	Z	-8.851	5.83
66	MP3B	Mx	-5.3e-5	5.83
67	MP3C	X	-4.456	1.33
68	MP3C	Z	-7.719	1.33
69	MP3C	Mx	-.009	1.33
70	MP3C	X	-4.456	5.83
71	MP3C	Z	-7.719	5.83
72	MP3C	Mx	-.009	5.83
73	MP1A	X	-.466	3.07
74	MP1A	Z	-.807	3.07
75	MP1A	Mx	.000311	3.07
76	MP1A	X	-.466	4.1
77	MP1A	Z	-.807	4.1
78	MP1A	Mx	.000311	4.1
79	MP1B	X	-.466	3.07
80	MP1B	Z	-.807	3.07
81	MP1B	Mx	.000311	3.07
82	MP1B	X	-.466	4.1
83	MP1B	Z	-.807	4.1
84	MP1B	Mx	.000311	4.1
85	MP1C	X	-.114	3.07
86	MP1C	Z	-.198	3.07

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP1C	Mx	-.000152	3.07
88	MP1C	X	-.114	4.1
89	MP1C	Z	-.198	4.1
90	MP1C	Mx	-.000152	4.1
91	MP2A	X	-1.124	3.42
92	MP2A	Z	-1.947	3.42
93	MP2A	Mx	-.000937	3.42
94	MP2A	X	-1.124	3.42
95	MP2A	Z	-1.947	3.42
96	MP2A	Mx	-.000937	3.42
97	MP2B	X	-1.124	3.42
98	MP2B	Z	-1.947	3.42
99	MP2B	Mx	-.000937	3.42
100	MP2B	X	-1.124	3.42
101	MP2B	Z	-1.947	3.42
102	MP2B	Mx	-.000937	3.42
103	MP2C	X	-.819	3.42
104	MP2C	Z	-1.419	3.42
105	MP2C	Mx	.001	3.42
106	MP2C	X	-.819	3.42
107	MP2C	Z	-1.419	3.42
108	MP2C	Mx	.001	3.42
109	MP3A	X	-1.085	3.42
110	MP3A	Z	-1.879	3.42
111	MP3A	Mx	-.000904	3.42
112	MP3A	X	-1.085	3.42
113	MP3A	Z	-1.879	3.42
114	MP3A	Mx	-.000904	3.42
115	MP3B	X	-1.085	3.42
116	MP3B	Z	-1.879	3.42
117	MP3B	Mx	-.000904	3.42
118	MP3B	X	-1.085	3.42
119	MP3B	Z	-1.879	3.42
120	MP3B	Mx	-.000904	3.42
121	MP3C	X	-.664	3.42
122	MP3C	Z	-1.149	3.42
123	MP3C	Mx	.001	3.42
124	MP3C	X	-.664	3.42
125	MP3C	Z	-1.149	3.42
126	MP3C	Mx	.001	3.42
127	OVPB	X	-2.503	1.5
128	OVPB	Z	-4.335	1.5
129	OVPB	Mx	.002	1.5
130	OVPB	X	-2.503	1.5
131	OVPB	Z	-4.335	1.5
132	OVPB	Mx	.002	1.5
133	OVPC	X	-2.188	1.5
134	OVPC	Z	-3.789	1.5
135	OVPC	Mx	-.003	1.5
136	OVPC	X	-2.188	1.5
137	OVPC	Z	-3.789	1.5
138	OVPC	Mx	-.003	1.5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M2	Y	-500	%64

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M2	Y	-500	%93

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 Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Y	0	2.62
2	MP4A	My	0	2.62
3	MP4A	Mz	0	2.62
4	MP4A	Y	0	4.55
5	MP4A	My	0	4.55
6	MP4A	Mz	0	4.55
7	MP4B	Y	0	2.62
8	MP4B	My	0	2.62
9	MP4B	Mz	0	2.62
10	MP4B	Y	0	4.55
11	MP4B	My	0	4.55
12	MP4B	Mz	0	4.55
13	MP4C	Y	0	2.62
14	MP4C	My	0	2.62
15	MP4C	Mz	0	2.62
16	MP4C	Y	0	4.55
17	MP4C	My	0	4.55
18	MP4C	Mz	0	4.55
19	MP3A	Y	0	.88
20	MP3A	My	0	.88
21	MP3A	Mz	0	.88
22	MP3A	Y	0	.88
23	MP3A	My	0	.88
24	MP3A	Mz	0	.88
25	MP3B	Y	0	.88
26	MP3B	My	0	.88
27	MP3B	Mz	0	.88
28	MP3B	Y	0	.88
29	MP3B	My	0	.88
30	MP3B	Mz	0	.88
31	MP3C	Y	0	.88
32	MP3C	My	0	.88
33	MP3C	Mz	0	.88
34	MP3C	Y	0	.88
35	MP3C	My	0	.88
36	MP3C	Mz	0	.88
37	MP3A	Y	0	1.33
38	MP3A	My	0	1.33
39	MP3A	Mz	0	1.33
40	MP3A	Y	0	5.83
41	MP3A	My	0	5.83
42	MP3A	Mz	0	5.83
43	MP3B	Y	0	1.33

Member Point Loads (BLC 81 : Antenna Ev) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP3B	My	0	1.33
45	MP3B	Mz	0	1.33
46	MP3B	Y	0	5.83
47	MP3B	My	0	5.83
48	MP3B	Mz	0	5.83
49	MP3C	Y	0	1.33
50	MP3C	My	0	1.33
51	MP3C	Mz	0	1.33
52	MP3C	Y	0	5.83
53	MP3C	My	0	5.83
54	MP3C	Mz	0	5.83
55	MP3A	Y	0	1.33
56	MP3A	My	0	1.33
57	MP3A	Mz	0	1.33
58	MP3A	Y	0	5.83
59	MP3A	My	0	5.83
60	MP3A	Mz	0	5.83
61	MP3B	Y	0	1.33
62	MP3B	My	0	1.33
63	MP3B	Mz	0	1.33
64	MP3B	Y	0	5.83
65	MP3B	My	0	5.83
66	MP3B	Mz	0	5.83
67	MP3C	Y	0	1.33
68	MP3C	My	0	1.33
69	MP3C	Mz	0	1.33
70	MP3C	Y	0	5.83
71	MP3C	My	0	5.83
72	MP3C	Mz	0	5.83
73	MP1A	Y	0	3.07
74	MP1A	My	0	3.07
75	MP1A	Mz	0	3.07
76	MP1A	Y	0	4.1
77	MP1A	My	0	4.1
78	MP1A	Mz	0	4.1
79	MP1B	Y	0	3.07
80	MP1B	My	0	3.07
81	MP1B	Mz	0	3.07
82	MP1B	Y	0	4.1
83	MP1B	My	0	4.1
84	MP1B	Mz	0	4.1
85	MP1C	Y	0	3.07
86	MP1C	My	0	3.07
87	MP1C	Mz	0	3.07
88	MP1C	Y	0	4.1
89	MP1C	My	0	4.1
90	MP1C	Mz	0	4.1
91	MP2A	Y	0	3.42
92	MP2A	My	0	3.42
93	MP2A	Mz	0	3.42
94	MP2A	Y	0	3.42
95	MP2A	My	0	3.42
96	MP2A	Mz	0	3.42
97	MP2B	Y	0	3.42
98	MP2B	My	0	3.42
99	MP2B	Mz	0	3.42
100	MP2B	Y	0	3.42

Member Point Loads (BLC 81 : Antenna Ev) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP2B	My	0	3.42
102	MP2B	Mz	0	3.42
103	MP2C	Y	0	3.42
104	MP2C	My	0	3.42
105	MP2C	Mz	0	3.42
106	MP2C	Y	0	3.42
107	MP2C	My	0	3.42
108	MP2C	Mz	0	3.42
109	MP3A	Y	0	3.42
110	MP3A	My	0	3.42
111	MP3A	Mz	0	3.42
112	MP3A	Y	0	3.42
113	MP3A	My	0	3.42
114	MP3A	Mz	0	3.42
115	MP3B	Y	0	3.42
116	MP3B	My	0	3.42
117	MP3B	Mz	0	3.42
118	MP3B	Y	0	3.42
119	MP3B	My	0	3.42
120	MP3B	Mz	0	3.42
121	MP3C	Y	0	3.42
122	MP3C	My	0	3.42
123	MP3C	Mz	0	3.42
124	MP3C	Y	0	3.42
125	MP3C	My	0	3.42
126	MP3C	Mz	0	3.42
127	OVPB	Y	0	1.5
128	OVPB	My	0	1.5
129	OVPB	Mz	0	1.5
130	OVPB	Y	0	1.5
131	OVPB	My	0	1.5
132	OVPB	Mz	0	1.5
133	OVPC	Y	0	1.5
134	OVPC	My	0	1.5
135	OVPC	Mz	0	1.5
136	OVPC	Y	0	1.5
137	OVPC	My	0	1.5
138	OVPC	Mz	0	1.5

Member Point Loads (BLC 82 : Antenna Eh (0 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Z	-1.306	2.62
2	MP4A	Mx	0	2.62
3	MP4A	Z	-1.306	4.55
4	MP4A	Mx	0	4.55
5	MP4B	Z	-1.306	2.62
6	MP4B	Mx	.001	2.62
7	MP4B	Z	-1.306	4.55
8	MP4B	Mx	.001	4.55
9	MP4C	Z	-1.306	2.62
10	MP4C	Mx	-.001	2.62
11	MP4C	Z	-1.306	4.55
12	MP4C	Mx	-.001	4.55
13	MP3A	Z	-.793	.88
14	MP3A	Mx	0	.88
15	MP3A	Z	-.793	.88

Member Point Loads (BLC 82 : Antenna Eh (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP3A	Mx	0	.88
17	MP3B	Z	-.793	.88
18	MP3B	Mx	-.000573	.88
19	MP3B	Z	-.793	.88
20	MP3B	Mx	-.000573	.88
21	MP3C	Z	-.793	.88
22	MP3C	Mx	.000573	.88
23	MP3C	Z	-.793	.88
24	MP3C	Mx	.000573	.88
25	MP3A	Z	-.975	1.33
26	MP3A	Mx	-.000569	1.33
27	MP3A	Z	-.975	5.83
28	MP3A	Mx	-.000569	5.83
29	MP3B	Z	-.975	1.33
30	MP3B	Mx	.001	1.33
31	MP3B	Z	-.975	5.83
32	MP3B	Mx	.001	5.83
33	MP3C	Z	-.975	1.33
34	MP3C	Mx	-.00056	1.33
35	MP3C	Z	-.975	5.83
36	MP3C	Mx	-.00056	5.83
37	MP3A	Z	-.975	1.33
38	MP3A	Mx	.000569	1.33
39	MP3A	Z	-.975	5.83
40	MP3A	Mx	.000569	5.83
41	MP3B	Z	-.975	1.33
42	MP3B	Mx	.00056	1.33
43	MP3B	Z	-.975	5.83
44	MP3B	Mx	.00056	5.83
45	MP3C	Z	-.975	1.33
46	MP3C	Mx	-.001	1.33
47	MP3C	Z	-.975	5.83
48	MP3C	Mx	-.001	5.83
49	MP1A	Z	-.066	3.07
50	MP1A	Mx	0	3.07
51	MP1A	Z	-.066	4.1
52	MP1A	Mx	0	4.1
53	MP1B	Z	-.066	3.07
54	MP1B	Mx	3.8e-5	3.07
55	MP1B	Z	-.066	4.1
56	MP1B	Mx	3.8e-5	4.1
57	MP1C	Z	-.066	3.07
58	MP1C	Mx	-3.8e-5	3.07
59	MP1C	Z	-.066	4.1
60	MP1C	Mx	-3.8e-5	4.1
61	MP2A	Z	-1.266	3.42
62	MP2A	Mx	0	3.42
63	MP2A	Z	-1.266	3.42
64	MP2A	Mx	0	3.42
65	MP2B	Z	-1.266	3.42
66	MP2B	Mx	-.000914	3.42
67	MP2B	Z	-1.266	3.42
68	MP2B	Mx	-.000914	3.42
69	MP2C	Z	-1.266	3.42
70	MP2C	Mx	.000914	3.42
71	MP2C	Z	-1.266	3.42
72	MP2C	Mx	.000914	3.42

Member Point Loads (BLC 82 : Antenna Eh (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP3A	Z	-1.054	3.42
74	MP3A	Mx	0	3.42
75	MP3A	Z	-1.054	3.42
76	MP3A	Mx	0	3.42
77	MP3B	Z	-1.054	3.42
78	MP3B	Mx	-.000761	3.42
79	MP3B	Z	-1.054	3.42
80	MP3B	Mx	-.000761	3.42
81	MP3C	Z	-1.054	3.42
82	MP3C	Mx	.000761	3.42
83	MP3C	Z	-1.054	3.42
84	MP3C	Mx	.000761	3.42
85	OVPB	Z	-.48	1.5
86	OVPB	Mx	.000346	1.5
87	OVPB	Z	-.48	1.5
88	OVPB	Mx	.000346	1.5
89	OVPC	Z	-.48	1.5
90	OVPC	Mx	-.0004	1.5
91	OVPC	Z	-.48	1.5
92	OVPC	Mx	-.0004	1.5

Member Point Loads (BLC 83 : Antenna Eh (90 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	1.306	2.62
2	MP4A	Mx	-.001	2.62
3	MP4A	X	1.306	4.55
4	MP4A	Mx	-.001	4.55
5	MP4B	X	1.306	2.62
6	MP4B	Mx	.000653	2.62
7	MP4B	X	1.306	4.55
8	MP4B	Mx	.000653	4.55
9	MP4C	X	1.306	2.62
10	MP4C	Mx	.000653	2.62
11	MP4C	X	1.306	4.55
12	MP4C	Mx	.000653	4.55
13	MP3A	X	.793	.88
14	MP3A	Mx	.000661	.88
15	MP3A	X	.793	.88
16	MP3A	Mx	.000661	.88
17	MP3B	X	.793	.88
18	MP3B	Mx	-.000331	.88
19	MP3B	X	.793	.88
20	MP3B	Mx	-.000331	.88
21	MP3C	X	.793	.88
22	MP3C	Mx	-.000331	.88
23	MP3C	X	.793	.88
24	MP3C	Mx	-.000331	.88
25	MP3A	X	.975	1.33
26	MP3A	Mx	-.000975	1.33
27	MP3A	X	.975	5.83
28	MP3A	Mx	-.000975	5.83
29	MP3B	X	.975	1.33
30	MP3B	Mx	-5e-6	1.33
31	MP3B	X	.975	5.83
32	MP3B	Mx	-5e-6	5.83
33	MP3C	X	.975	1.33

Member Point Loads (BLC 83 : Antenna Eh (90 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP3C	Mx	.00098	1.33
35	MP3C	X	.975	5.83
36	MP3C	Mx	.00098	5.83
37	MP3A	X	.975	1.33
38	MP3A	Mx	-.000975	1.33
39	MP3A	X	.975	5.83
40	MP3A	Mx	-.000975	5.83
41	MP3B	X	.975	1.33
42	MP3B	Mx	.00098	1.33
43	MP3B	X	.975	5.83
44	MP3B	Mx	.00098	5.83
45	MP3C	X	.975	1.33
46	MP3C	Mx	-5e-6	1.33
47	MP3C	X	.975	5.83
48	MP3C	Mx	-5e-6	5.83
49	MP1A	X	.066	3.07
50	MP1A	Mx	-4.4e-5	3.07
51	MP1A	X	.066	4.1
52	MP1A	Mx	-4.4e-5	4.1
53	MP1B	X	.066	3.07
54	MP1B	Mx	2.2e-5	3.07
55	MP1B	X	.066	4.1
56	MP1B	Mx	2.2e-5	4.1
57	MP1C	X	.066	3.07
58	MP1C	Mx	2.2e-5	3.07
59	MP1C	X	.066	4.1
60	MP1C	Mx	2.2e-5	4.1
61	MP2A	X	1.266	3.42
62	MP2A	Mx	.001	3.42
63	MP2A	X	1.266	3.42
64	MP2A	Mx	.001	3.42
65	MP2B	X	1.266	3.42
66	MP2B	Mx	-.000528	3.42
67	MP2B	X	1.266	3.42
68	MP2B	Mx	-.000528	3.42
69	MP2C	X	1.266	3.42
70	MP2C	Mx	-.000528	3.42
71	MP2C	X	1.266	3.42
72	MP2C	Mx	-.000528	3.42
73	MP3A	X	1.054	3.42
74	MP3A	Mx	.000879	3.42
75	MP3A	X	1.054	3.42
76	MP3A	Mx	.000879	3.42
77	MP3B	X	1.054	3.42
78	MP3B	Mx	-.000439	3.42
79	MP3B	X	1.054	3.42
80	MP3B	Mx	-.000439	3.42
81	MP3C	X	1.054	3.42
82	MP3C	Mx	-.000439	3.42
83	MP3C	X	1.054	3.42
84	MP3C	Mx	-.000439	3.42
85	OVPB	X	.48	1.5
86	OVPB	Mx	.0002	1.5
87	OVPB	X	.48	1.5
88	OVPB	Mx	.0002	1.5
89	OVPC	X	.48	1.5
90	OVPC	Mx	0	1.5

Member Point Loads (BLC 83 : Antenna Eh (90 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	OVPC	X	.48	1.5
92	OVPC	Mx	0	1.5

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	M2	Y	-9.504	-9.504	0	%100
2	M3	Y	-5.551	-5.551	0	%100
3	M4	Y	-5.551	-5.551	0	%100
4	M5	Y	-5.551	-5.551	0	%100
5	M6	Y	-5.551	-5.551	0	%100
6	M12	Y	-9.504	-9.504	0	%100
7	M13	Y	-5.551	-5.551	0	%100
8	M14	Y	-5.551	-5.551	0	%100
9	M15	Y	-5.551	-5.551	0	%100
10	M16	Y	-5.551	-5.551	0	%100
11	M21	Y	-9.504	-9.504	0	%100
12	M22	Y	-9.504	-9.504	0	%100
13	M23	Y	-5.551	-5.551	0	%100
14	M24	Y	-5.551	-5.551	0	%100
15	M25	Y	-5.551	-5.551	0	%100
16	M26	Y	-5.551	-5.551	0	%100
17	M31	Y	-4.917	-4.917	0	%100
18	M41	Y	-4.917	-4.917	0	%100
19	M51	Y	-4.917	-4.917	0	%100
20	M65	Y	-4.917	-4.917	0	%100
21	M66	Y	-4.917	-4.917	0	%100
22	M67	Y	-4.917	-4.917	0	%100
23	M69A	Y	-9.504	-9.504	0	%100
24	M70A	Y	-9.504	-9.504	0	%100
25	M73	Y	-9.11	-9.11	0	%100
26	M74	Y	-9.11	-9.11	0	%100
27	M75	Y	-9.11	-9.11	0	%100
28	MP1A	Y	-4.917	-4.917	0	%100
29	MP1B	Y	-4.917	-4.917	0	%100
30	MP1C	Y	-4.917	-4.917	0	%100
31	MP2A	Y	-4.917	-4.917	0	%100
32	MP2B	Y	-4.917	-4.917	0	%100
33	MP2C	Y	-4.917	-4.917	0	%100
34	MP3A	Y	-5.616	-5.616	0	%100
35	MP3B	Y	-5.616	-5.616	0	%100
36	MP3C	Y	-5.616	-5.616	0	%100
37	MP4A	Y	-4.917	-4.917	0	%100
38	MP4B	Y	-4.917	-4.917	0	%100
39	MP4C	Y	-4.917	-4.917	0	%100
40	OVPB	Y	-5.616	-5.616	0	%100
41	OVPC	Y	-5.616	-5.616	0	%100

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	M2	X	0	0	0	%100
2	M2	Z	-16.572	-16.572	0	%100
3	M3	X	0	0	0	%100
4	M3	Z	0	0	0	%100
5	M4	X	0	0	0	%100
6	M4	Z	0	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,%]
7	M5	X	0	0	0	%100
8	M5	Z	0	0	0	%100
9	M6	X	0	0	0	%100
10	M6	Z	0	0	0	%100
11	M12	X	0	0	0	%100
12	M12	Z	-4.143	-4.143	0	%100
13	M13	X	0	0	0	%100
14	M13	Z	-6.794	-6.794	0	%100
15	M14	X	0	0	0	%100
16	M14	Z	-6.794	-6.794	0	%100
17	M15	X	0	0	0	%100
18	M15	Z	-6.794	-6.794	0	%100
19	M16	X	0	0	0	%100
20	M16	Z	-6.794	-6.794	0	%100
21	M21	X	0	0	0	%100
22	M21	Z	0	0	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	-4.143	-4.143	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	-6.794	-6.794	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	-6.794	-6.794	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	-6.794	-6.794	0	%100
31	M26	X	0	0	0	%100
32	M26	Z	-6.794	-6.794	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	-9.446	-9.446	0	%100
35	M41	X	0	0	0	%100
36	M41	Z	-2.361	-2.361	0	%100
37	M51	X	0	0	0	%100
38	M51	Z	-2.361	-2.361	0	%100
39	M65	X	0	0	0	%100
40	M65	Z	-1.956	-1.956	0	%100
41	M66	X	0	0	0	%100
42	M66	Z	-1.956	-1.956	0	%100
43	M67	X	0	0	0	%100
44	M67	Z	-7.824	-7.824	0	%100
45	M69A	X	0	0	0	%100
46	M69A	Z	-12.018	-12.018	0	%100
47	M70A	X	0	0	0	%100
48	M70A	Z	-12.018	-12.018	0	%100
49	M73	X	0	0	0	%100
50	M73	Z	-13.839	-13.839	0	%100
51	M74	X	0	0	0	%100
52	M74	Z	-13.839	-13.839	0	%100
53	M75	X	0	0	0	%100
54	M75	Z	-7.595	-7.595	0	%100
55	MP1A	X	0	0	0	%100
56	MP1A	Z	-9.446	-9.446	0	%100
57	MP1B	X	0	0	0	%100
58	MP1B	Z	-9.446	-9.446	0	%100
59	MP1C	X	0	0	0	%100
60	MP1C	Z	-9.446	-9.446	0	%100
61	MP2A	X	0	0	0	%100
62	MP2A	Z	-9.446	-9.446	0	%100
63	MP2B	X	0	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,%]
64	MP2B	Z	-9.446	-9.446	0	%100
65	MP2C	X	0	0	0	%100
66	MP2C	Z	-9.446	-9.446	0	%100
67	MP3A	X	0	0	0	%100
68	MP3A	Z	-11.434	-11.434	0	%100
69	MP3B	X	0	0	0	%100
70	MP3B	Z	-11.434	-11.434	0	%100
71	MP3C	X	0	0	0	%100
72	MP3C	Z	-11.434	-11.434	0	%100
73	MP4A	X	0	0	0	%100
74	MP4A	Z	-9.446	-9.446	0	%100
75	MP4B	X	0	0	0	%100
76	MP4B	Z	-9.446	-9.446	0	%100
77	MP4C	X	0	0	0	%100
78	MP4C	Z	-9.446	-9.446	0	%100
79	OVPB	X	0	0	0	%100
80	OVPB	Z	-10.118	-10.118	0	%100
81	OVPC	X	0	0	0	%100
82	OVPC	Z	-10.118	-10.118	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	M2	X	6.214	6.214	0	%100
2	M2	Z	-10.764	-10.764	0	%100
3	M3	X	1.132	1.132	0	%100
4	M3	Z	-1.961	-1.961	0	%100
5	M4	X	1.132	1.132	0	%100
6	M4	Z	-1.961	-1.961	0	%100
7	M5	X	1.132	1.132	0	%100
8	M5	Z	-1.961	-1.961	0	%100
9	M6	X	1.132	1.132	0	%100
10	M6	Z	-1.961	-1.961	0	%100
11	M12	X	0	0	0	%100
12	M12	Z	0	0	0	%100
13	M13	X	4.53	4.53	0	%100
14	M13	Z	-7.845	-7.845	0	%100
15	M14	X	4.53	4.53	0	%100
16	M14	Z	-7.845	-7.845	0	%100
17	M15	X	4.53	4.53	0	%100
18	M15	Z	-7.845	-7.845	0	%100
19	M16	X	4.53	4.53	0	%100
20	M16	Z	-7.845	-7.845	0	%100
21	M21	X	2.003	2.003	0	%100
22	M21	Z	-3.469	-3.469	0	%100
23	M22	X	6.214	6.214	0	%100
24	M22	Z	-10.764	-10.764	0	%100
25	M23	X	1.132	1.132	0	%100
26	M23	Z	-1.961	-1.961	0	%100
27	M24	X	1.132	1.132	0	%100
28	M24	Z	-1.961	-1.961	0	%100
29	M25	X	1.132	1.132	0	%100
30	M25	Z	-1.961	-1.961	0	%100
31	M26	X	1.132	1.132	0	%100
32	M26	Z	-1.961	-1.961	0	%100
33	M31	X	3.542	3.542	0	%100
34	M31	Z	-6.135	-6.135	0	%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,%]
35	M41	X	0	0	0	%100
36	M41	Z	0	0	0	%100
37	M51	X	3.542	3.542	0	%100
38	M51	Z	-6.135	-6.135	0	%100
39	M65	X	2.934	2.934	0	%100
40	M65	Z	-5.082	-5.082	0	%100
41	M66	X	0	0	0	%100
42	M66	Z	0	0	0	%100
43	M67	X	2.934	2.934	0	%100
44	M67	Z	-5.082	-5.082	0	%100
45	M69A	X	8.012	8.012	0	%100
46	M69A	Z	-13.877	-13.877	0	%100
47	M70A	X	2.003	2.003	0	%100
48	M70A	Z	-3.469	-3.469	0	%100
49	M73	X	4.838	4.838	0	%100
50	M73	Z	-8.38	-8.38	0	%100
51	M74	X	7.96	7.96	0	%100
52	M74	Z	-13.787	-13.787	0	%100
53	M75	X	4.838	4.838	0	%100
54	M75	Z	-8.38	-8.38	0	%100
55	MP1A	X	4.723	4.723	0	%100
56	MP1A	Z	-8.18	-8.18	0	%100
57	MP1B	X	4.723	4.723	0	%100
58	MP1B	Z	-8.18	-8.18	0	%100
59	MP1C	X	4.723	4.723	0	%100
60	MP1C	Z	-8.18	-8.18	0	%100
61	MP2A	X	4.723	4.723	0	%100
62	MP2A	Z	-8.18	-8.18	0	%100
63	MP2B	X	4.723	4.723	0	%100
64	MP2B	Z	-8.18	-8.18	0	%100
65	MP2C	X	4.723	4.723	0	%100
66	MP2C	Z	-8.18	-8.18	0	%100
67	MP3A	X	5.717	5.717	0	%100
68	MP3A	Z	-9.902	-9.902	0	%100
69	MP3B	X	5.717	5.717	0	%100
70	MP3B	Z	-9.902	-9.902	0	%100
71	MP3C	X	5.717	5.717	0	%100
72	MP3C	Z	-9.902	-9.902	0	%100
73	MP4A	X	4.723	4.723	0	%100
74	MP4A	Z	-8.18	-8.18	0	%100
75	MP4B	X	4.723	4.723	0	%100
76	MP4B	Z	-8.18	-8.18	0	%100
77	MP4C	X	4.723	4.723	0	%100
78	MP4C	Z	-8.18	-8.18	0	%100
79	OVPB	X	5.059	5.059	0	%100
80	OVPB	Z	-8.762	-8.762	0	%100
81	OVPC	X	5.059	5.059	0	%100
82	OVPC	Z	-8.762	-8.762	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	M2	X	3.588	3.588	0	%100
2	M2	Z	-2.071	-2.071	0	%100
3	M3	X	5.884	5.884	0	%100
4	M3	Z	-3.397	-3.397	0	%100
5	M4	X	5.884	5.884	0	%100

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,%]
6	M4	Z	-3.397	-3.397	0	%100
7	M5	X	5.884	5.884	0	%100
8	M5	Z	-3.397	-3.397	0	%100
9	M6	X	5.884	5.884	0	%100
10	M6	Z	-3.397	-3.397	0	%100
11	M12	X	3.588	3.588	0	%100
12	M12	Z	-2.071	-2.071	0	%100
13	M13	X	5.884	5.884	0	%100
14	M13	Z	-3.397	-3.397	0	%100
15	M14	X	5.884	5.884	0	%100
16	M14	Z	-3.397	-3.397	0	%100
17	M15	X	5.884	5.884	0	%100
18	M15	Z	-3.397	-3.397	0	%100
19	M16	X	5.884	5.884	0	%100
20	M16	Z	-3.397	-3.397	0	%100
21	M21	X	10.408	10.408	0	%100
22	M21	Z	-6.009	-6.009	0	%100
23	M22	X	14.351	14.351	0	%100
24	M22	Z	-8.286	-8.286	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	0	0	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	0	0	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	0	0	0	%100
31	M26	X	0	0	0	%100
32	M26	Z	0	0	0	%100
33	M31	X	2.045	2.045	0	%100
34	M31	Z	-1.181	-1.181	0	%100
35	M41	X	2.045	2.045	0	%100
36	M41	Z	-1.181	-1.181	0	%100
37	M51	X	8.18	8.18	0	%100
38	M51	Z	-4.723	-4.723	0	%100
39	M65	X	6.775	6.775	0	%100
40	M65	Z	-3.912	-3.912	0	%100
41	M66	X	1.694	1.694	0	%100
42	M66	Z	-.978	-.978	0	%100
43	M67	X	1.694	1.694	0	%100
44	M67	Z	-.978	-.978	0	%100
45	M69A	X	10.408	10.408	0	%100
46	M69A	Z	-6.009	-6.009	0	%100
47	M70A	X	0	0	0	%100
48	M70A	Z	0	0	0	%100
49	M73	X	6.577	6.577	0	%100
50	M73	Z	-3.797	-3.797	0	%100
51	M74	X	11.985	11.985	0	%100
52	M74	Z	-6.919	-6.919	0	%100
53	M75	X	11.985	11.985	0	%100
54	M75	Z	-6.919	-6.919	0	%100
55	MP1A	X	8.18	8.18	0	%100
56	MP1A	Z	-4.723	-4.723	0	%100
57	MP1B	X	8.18	8.18	0	%100
58	MP1B	Z	-4.723	-4.723	0	%100
59	MP1C	X	8.18	8.18	0	%100
60	MP1C	Z	-4.723	-4.723	0	%100
61	MP2A	X	8.18	8.18	0	%100
62	MP2A	Z	-4.723	-4.723	0	%100

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,%]
63	MP2B	X	8.18	8.18	0	%100
64	MP2B	Z	-4.723	-4.723	0	%100
65	MP2C	X	8.18	8.18	0	%100
66	MP2C	Z	-4.723	-4.723	0	%100
67	MP3A	X	9.902	9.902	0	%100
68	MP3A	Z	-5.717	-5.717	0	%100
69	MP3B	X	9.902	9.902	0	%100
70	MP3B	Z	-5.717	-5.717	0	%100
71	MP3C	X	9.902	9.902	0	%100
72	MP3C	Z	-5.717	-5.717	0	%100
73	MP4A	X	8.18	8.18	0	%100
74	MP4A	Z	-4.723	-4.723	0	%100
75	MP4B	X	8.18	8.18	0	%100
76	MP4B	Z	-4.723	-4.723	0	%100
77	MP4C	X	8.18	8.18	0	%100
78	MP4C	Z	-4.723	-4.723	0	%100
79	OVPB	X	8.762	8.762	0	%100
80	OVPB	Z	-5.059	-5.059	0	%100
81	OVPC	X	8.762	8.762	0	%100
82	OVPC	Z	-5.059	-5.059	0	%100

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	M2	X	0	0	0	%100
2	M2	Z	0	0	0	%100
3	M3	X	9.059	9.059	0	%100
4	M3	Z	0	0	0	%100
5	M4	X	9.059	9.059	0	%100
6	M4	Z	0	0	0	%100
7	M5	X	9.059	9.059	0	%100
8	M5	Z	0	0	0	%100
9	M6	X	9.059	9.059	0	%100
10	M6	Z	0	0	0	%100
11	M12	X	12.429	12.429	0	%100
12	M12	Z	0	0	0	%100
13	M13	X	2.265	2.265	0	%100
14	M13	Z	0	0	0	%100
15	M14	X	2.265	2.265	0	%100
16	M14	Z	0	0	0	%100
17	M15	X	2.265	2.265	0	%100
18	M15	Z	0	0	0	%100
19	M16	X	2.265	2.265	0	%100
20	M16	Z	0	0	0	%100
21	M21	X	16.024	16.024	0	%100
22	M21	Z	0	0	0	%100
23	M22	X	12.429	12.429	0	%100
24	M22	Z	0	0	0	%100
25	M23	X	2.265	2.265	0	%100
26	M23	Z	0	0	0	%100
27	M24	X	2.265	2.265	0	%100
28	M24	Z	0	0	0	%100
29	M25	X	2.265	2.265	0	%100
30	M25	Z	0	0	0	%100
31	M26	X	2.265	2.265	0	%100
32	M26	Z	0	0	0	%100
33	M31	X	0	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,%]
34	M31	Z	0	0	0	%100
35	M41	X	7.084	7.084	0	%100
36	M41	Z	0	0	0	%100
37	M51	X	7.084	7.084	0	%100
38	M51	Z	0	0	0	%100
39	M65	X	5.868	5.868	0	%100
40	M65	Z	0	0	0	%100
41	M66	X	5.868	5.868	0	%100
42	M66	Z	0	0	0	%100
43	M67	X	0	0	0	%100
44	M67	Z	0	0	0	%100
45	M69A	X	4.006	4.006	0	%100
46	M69A	Z	0	0	0	%100
47	M70A	X	4.006	4.006	0	%100
48	M70A	Z	0	0	0	%100
49	M73	X	9.676	9.676	0	%100
50	M73	Z	0	0	0	%100
51	M74	X	9.676	9.676	0	%100
52	M74	Z	0	0	0	%100
53	M75	X	15.92	15.92	0	%100
54	M75	Z	0	0	0	%100
55	MP1A	X	9.446	9.446	0	%100
56	MP1A	Z	0	0	0	%100
57	MP1B	X	9.446	9.446	0	%100
58	MP1B	Z	0	0	0	%100
59	MP1C	X	9.446	9.446	0	%100
60	MP1C	Z	0	0	0	%100
61	MP2A	X	9.446	9.446	0	%100
62	MP2A	Z	0	0	0	%100
63	MP2B	X	9.446	9.446	0	%100
64	MP2B	Z	0	0	0	%100
65	MP2C	X	9.446	9.446	0	%100
66	MP2C	Z	0	0	0	%100
67	MP3A	X	11.434	11.434	0	%100
68	MP3A	Z	0	0	0	%100
69	MP3B	X	11.434	11.434	0	%100
70	MP3B	Z	0	0	0	%100
71	MP3C	X	11.434	11.434	0	%100
72	MP3C	Z	0	0	0	%100
73	MP4A	X	9.446	9.446	0	%100
74	MP4A	Z	0	0	0	%100
75	MP4B	X	9.446	9.446	0	%100
76	MP4B	Z	0	0	0	%100
77	MP4C	X	9.446	9.446	0	%100
78	MP4C	Z	0	0	0	%100
79	OVPB	X	10.118	10.118	0	%100
80	OVPB	Z	0	0	0	%100
81	OVPC	X	10.118	10.118	0	%100
82	OVPC	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	M2	X	3.588	3.588	0	%100
2	M2	Z	2.071	2.071	0	%100
3	M3	X	5.884	5.884	0	%100
4	M3	Z	3.397	3.397	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,%]
5	M4	X	5.884	5.884	0	%100
6	M4	Z	3.397	3.397	0	%100
7	M5	X	5.884	5.884	0	%100
8	M5	Z	3.397	3.397	0	%100
9	M6	X	5.884	5.884	0	%100
10	M6	Z	3.397	3.397	0	%100
11	M12	X	14.351	14.351	0	%100
12	M12	Z	8.286	8.286	0	%100
13	M13	X	0	0	0	%100
14	M13	Z	0	0	0	%100
15	M14	X	0	0	0	%100
16	M14	Z	0	0	0	%100
17	M15	X	0	0	0	%100
18	M15	Z	0	0	0	%100
19	M16	X	0	0	0	%100
20	M16	Z	0	0	0	%100
21	M21	X	10.408	10.408	0	%100
22	M21	Z	6.009	6.009	0	%100
23	M22	X	3.588	3.588	0	%100
24	M22	Z	2.071	2.071	0	%100
25	M23	X	5.884	5.884	0	%100
26	M23	Z	3.397	3.397	0	%100
27	M24	X	5.884	5.884	0	%100
28	M24	Z	3.397	3.397	0	%100
29	M25	X	5.884	5.884	0	%100
30	M25	Z	3.397	3.397	0	%100
31	M26	X	5.884	5.884	0	%100
32	M26	Z	3.397	3.397	0	%100
33	M31	X	2.045	2.045	0	%100
34	M31	Z	1.181	1.181	0	%100
35	M41	X	8.18	8.18	0	%100
36	M41	Z	4.723	4.723	0	%100
37	M51	X	2.045	2.045	0	%100
38	M51	Z	1.181	1.181	0	%100
39	M65	X	1.694	1.694	0	%100
40	M65	Z	.978	.978	0	%100
41	M66	X	6.775	6.775	0	%100
42	M66	Z	3.912	3.912	0	%100
43	M67	X	1.694	1.694	0	%100
44	M67	Z	.978	.978	0	%100
45	M69A	X	0	0	0	%100
46	M69A	Z	0	0	0	%100
47	M70A	X	10.408	10.408	0	%100
48	M70A	Z	6.009	6.009	0	%100
49	M73	X	11.985	11.985	0	%100
50	M73	Z	6.919	6.919	0	%100
51	M74	X	6.577	6.577	0	%100
52	M74	Z	3.797	3.797	0	%100
53	M75	X	11.985	11.985	0	%100
54	M75	Z	6.919	6.919	0	%100
55	MP1A	X	8.18	8.18	0	%100
56	MP1A	Z	4.723	4.723	0	%100
57	MP1B	X	8.18	8.18	0	%100
58	MP1B	Z	4.723	4.723	0	%100
59	MP1C	X	8.18	8.18	0	%100
60	MP1C	Z	4.723	4.723	0	%100
61	MP2A	X	8.18	8.18	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,%]
62	MP2A	Z	4.723	4.723	0	%100
63	MP2B	X	8.18	8.18	0	%100
64	MP2B	Z	4.723	4.723	0	%100
65	MP2C	X	8.18	8.18	0	%100
66	MP2C	Z	4.723	4.723	0	%100
67	MP3A	X	9.902	9.902	0	%100
68	MP3A	Z	5.717	5.717	0	%100
69	MP3B	X	9.902	9.902	0	%100
70	MP3B	Z	5.717	5.717	0	%100
71	MP3C	X	9.902	9.902	0	%100
72	MP3C	Z	5.717	5.717	0	%100
73	MP4A	X	8.18	8.18	0	%100
74	MP4A	Z	4.723	4.723	0	%100
75	MP4B	X	8.18	8.18	0	%100
76	MP4B	Z	4.723	4.723	0	%100
77	MP4C	X	8.18	8.18	0	%100
78	MP4C	Z	4.723	4.723	0	%100
79	OVPB	X	8.762	8.762	0	%100
80	OVPB	Z	5.059	5.059	0	%100
81	OVPC	X	8.762	8.762	0	%100
82	OVPC	Z	5.059	5.059	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	M2	X	6.214	6.214	0	%100
2	M2	Z	10.764	10.764	0	%100
3	M3	X	1.132	1.132	0	%100
4	M3	Z	1.961	1.961	0	%100
5	M4	X	1.132	1.132	0	%100
6	M4	Z	1.961	1.961	0	%100
7	M5	X	1.132	1.132	0	%100
8	M5	Z	1.961	1.961	0	%100
9	M6	X	1.132	1.132	0	%100
10	M6	Z	1.961	1.961	0	%100
11	M12	X	6.214	6.214	0	%100
12	M12	Z	10.764	10.764	0	%100
13	M13	X	1.132	1.132	0	%100
14	M13	Z	1.961	1.961	0	%100
15	M14	X	1.132	1.132	0	%100
16	M14	Z	1.961	1.961	0	%100
17	M15	X	1.132	1.132	0	%100
18	M15	Z	1.961	1.961	0	%100
19	M16	X	1.132	1.132	0	%100
20	M16	Z	1.961	1.961	0	%100
21	M21	X	2.003	2.003	0	%100
22	M21	Z	3.469	3.469	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	0	0	0	%100
25	M23	X	4.53	4.53	0	%100
26	M23	Z	7.845	7.845	0	%100
27	M24	X	4.53	4.53	0	%100
28	M24	Z	7.845	7.845	0	%100
29	M25	X	4.53	4.53	0	%100
30	M25	Z	7.845	7.845	0	%100
31	M26	X	4.53	4.53	0	%100
32	M26	Z	7.845	7.845	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,%]
33	M31	X	3.542	3.542	0	%100
34	M31	Z	6.135	6.135	0	%100
35	M41	X	3.542	3.542	0	%100
36	M41	Z	6.135	6.135	0	%100
37	M51	X	0	0	0	%100
38	M51	Z	0	0	0	%100
39	M65	X	0	0	0	%100
40	M65	Z	0	0	0	%100
41	M66	X	2.934	2.934	0	%100
42	M66	Z	5.082	5.082	0	%100
43	M67	X	2.934	2.934	0	%100
44	M67	Z	5.082	5.082	0	%100
45	M69A	X	2.003	2.003	0	%100
46	M69A	Z	3.469	3.469	0	%100
47	M70A	X	8.012	8.012	0	%100
48	M70A	Z	13.877	13.877	0	%100
49	M73	X	7.96	7.96	0	%100
50	M73	Z	13.787	13.787	0	%100
51	M74	X	4.838	4.838	0	%100
52	M74	Z	8.38	8.38	0	%100
53	M75	X	4.838	4.838	0	%100
54	M75	Z	8.38	8.38	0	%100
55	MP1A	X	4.723	4.723	0	%100
56	MP1A	Z	8.18	8.18	0	%100
57	MP1B	X	4.723	4.723	0	%100
58	MP1B	Z	8.18	8.18	0	%100
59	MP1C	X	4.723	4.723	0	%100
60	MP1C	Z	8.18	8.18	0	%100
61	MP2A	X	4.723	4.723	0	%100
62	MP2A	Z	8.18	8.18	0	%100
63	MP2B	X	4.723	4.723	0	%100
64	MP2B	Z	8.18	8.18	0	%100
65	MP2C	X	4.723	4.723	0	%100
66	MP2C	Z	8.18	8.18	0	%100
67	MP3A	X	5.717	5.717	0	%100
68	MP3A	Z	9.902	9.902	0	%100
69	MP3B	X	5.717	5.717	0	%100
70	MP3B	Z	9.902	9.902	0	%100
71	MP3C	X	5.717	5.717	0	%100
72	MP3C	Z	9.902	9.902	0	%100
73	MP4A	X	4.723	4.723	0	%100
74	MP4A	Z	8.18	8.18	0	%100
75	MP4B	X	4.723	4.723	0	%100
76	MP4B	Z	8.18	8.18	0	%100
77	MP4C	X	4.723	4.723	0	%100
78	MP4C	Z	8.18	8.18	0	%100
79	OVPB	X	5.059	5.059	0	%100
80	OVPB	Z	8.762	8.762	0	%100
81	OVPC	X	5.059	5.059	0	%100
82	OVPC	Z	8.762	8.762	0	%100

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	M2	X	0	0	0	%100
2	M2	Z	16.572	16.572	0	%100
3	M3	X	0	0	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,%]
4	M3	Z	0	0	0	%100
5	M4	X	0	0	0	%100
6	M4	Z	0	0	0	%100
7	M5	X	0	0	0	%100
8	M5	Z	0	0	0	%100
9	M6	X	0	0	0	%100
10	M6	Z	0	0	0	%100
11	M12	X	0	0	0	%100
12	M12	Z	4.143	4.143	0	%100
13	M13	X	0	0	0	%100
14	M13	Z	6.794	6.794	0	%100
15	M14	X	0	0	0	%100
16	M14	Z	6.794	6.794	0	%100
17	M15	X	0	0	0	%100
18	M15	Z	6.794	6.794	0	%100
19	M16	X	0	0	0	%100
20	M16	Z	6.794	6.794	0	%100
21	M21	X	0	0	0	%100
22	M21	Z	0	0	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	4.143	4.143	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	6.794	6.794	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	6.794	6.794	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	6.794	6.794	0	%100
31	M26	X	0	0	0	%100
32	M26	Z	6.794	6.794	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	9.446	9.446	0	%100
35	M41	X	0	0	0	%100
36	M41	Z	2.361	2.361	0	%100
37	M51	X	0	0	0	%100
38	M51	Z	2.361	2.361	0	%100
39	M65	X	0	0	0	%100
40	M65	Z	1.956	1.956	0	%100
41	M66	X	0	0	0	%100
42	M66	Z	1.956	1.956	0	%100
43	M67	X	0	0	0	%100
44	M67	Z	7.824	7.824	0	%100
45	M69A	X	0	0	0	%100
46	M69A	Z	12.018	12.018	0	%100
47	M70A	X	0	0	0	%100
48	M70A	Z	12.018	12.018	0	%100
49	M73	X	0	0	0	%100
50	M73	Z	13.839	13.839	0	%100
51	M74	X	0	0	0	%100
52	M74	Z	13.839	13.839	0	%100
53	M75	X	0	0	0	%100
54	M75	Z	7.595	7.595	0	%100
55	MP1A	X	0	0	0	%100
56	MP1A	Z	9.446	9.446	0	%100
57	MP1B	X	0	0	0	%100
58	MP1B	Z	9.446	9.446	0	%100
59	MP1C	X	0	0	0	%100
60	MP1C	Z	9.446	9.446	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,%]
61	MP2A	X	0	0	0	%100
62	MP2A	Z	9.446	9.446	0	%100
63	MP2B	X	0	0	0	%100
64	MP2B	Z	9.446	9.446	0	%100
65	MP2C	X	0	0	0	%100
66	MP2C	Z	9.446	9.446	0	%100
67	MP3A	X	0	0	0	%100
68	MP3A	Z	11.434	11.434	0	%100
69	MP3B	X	0	0	0	%100
70	MP3B	Z	11.434	11.434	0	%100
71	MP3C	X	0	0	0	%100
72	MP3C	Z	11.434	11.434	0	%100
73	MP4A	X	0	0	0	%100
74	MP4A	Z	9.446	9.446	0	%100
75	MP4B	X	0	0	0	%100
76	MP4B	Z	9.446	9.446	0	%100
77	MP4C	X	0	0	0	%100
78	MP4C	Z	9.446	9.446	0	%100
79	OVPB	X	0	0	0	%100
80	OVPB	Z	10.118	10.118	0	%100
81	OVPC	X	0	0	0	%100
82	OVPC	Z	10.118	10.118	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	M2	X	-6.214	-6.214	0	%100
2	M2	Z	10.764	10.764	0	%100
3	M3	X	-1.132	-1.132	0	%100
4	M3	Z	1.961	1.961	0	%100
5	M4	X	-1.132	-1.132	0	%100
6	M4	Z	1.961	1.961	0	%100
7	M5	X	-1.132	-1.132	0	%100
8	M5	Z	1.961	1.961	0	%100
9	M6	X	-1.132	-1.132	0	%100
10	M6	Z	1.961	1.961	0	%100
11	M12	X	0	0	0	%100
12	M12	Z	0	0	0	%100
13	M13	X	-4.53	-4.53	0	%100
14	M13	Z	7.845	7.845	0	%100
15	M14	X	-4.53	-4.53	0	%100
16	M14	Z	7.845	7.845	0	%100
17	M15	X	-4.53	-4.53	0	%100
18	M15	Z	7.845	7.845	0	%100
19	M16	X	-4.53	-4.53	0	%100
20	M16	Z	7.845	7.845	0	%100
21	M21	X	-2.003	-2.003	0	%100
22	M21	Z	3.469	3.469	0	%100
23	M22	X	-6.214	-6.214	0	%100
24	M22	Z	10.764	10.764	0	%100
25	M23	X	-1.132	-1.132	0	%100
26	M23	Z	1.961	1.961	0	%100
27	M24	X	-1.132	-1.132	0	%100
28	M24	Z	1.961	1.961	0	%100
29	M25	X	-1.132	-1.132	0	%100
30	M25	Z	1.961	1.961	0	%100
31	M26	X	-1.132	-1.132	0	%100

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,%]
32	M26	Z	1.961	1.961	0	%100
33	M31	X	-3.542	-3.542	0	%100
34	M31	Z	6.135	6.135	0	%100
35	M41	X	0	0	0	%100
36	M41	Z	0	0	0	%100
37	M51	X	-3.542	-3.542	0	%100
38	M51	Z	6.135	6.135	0	%100
39	M65	X	-2.934	-2.934	0	%100
40	M65	Z	5.082	5.082	0	%100
41	M66	X	0	0	0	%100
42	M66	Z	0	0	0	%100
43	M67	X	-2.934	-2.934	0	%100
44	M67	Z	5.082	5.082	0	%100
45	M69A	X	-8.012	-8.012	0	%100
46	M69A	Z	13.877	13.877	0	%100
47	M70A	X	-2.003	-2.003	0	%100
48	M70A	Z	3.469	3.469	0	%100
49	M73	X	-4.838	-4.838	0	%100
50	M73	Z	8.38	8.38	0	%100
51	M74	X	-7.96	-7.96	0	%100
52	M74	Z	13.787	13.787	0	%100
53	M75	X	-4.838	-4.838	0	%100
54	M75	Z	8.38	8.38	0	%100
55	MP1A	X	-4.723	-4.723	0	%100
56	MP1A	Z	8.18	8.18	0	%100
57	MP1B	X	-4.723	-4.723	0	%100
58	MP1B	Z	8.18	8.18	0	%100
59	MP1C	X	-4.723	-4.723	0	%100
60	MP1C	Z	8.18	8.18	0	%100
61	MP2A	X	-4.723	-4.723	0	%100
62	MP2A	Z	8.18	8.18	0	%100
63	MP2B	X	-4.723	-4.723	0	%100
64	MP2B	Z	8.18	8.18	0	%100
65	MP2C	X	-4.723	-4.723	0	%100
66	MP2C	Z	8.18	8.18	0	%100
67	MP3A	X	-5.717	-5.717	0	%100
68	MP3A	Z	9.902	9.902	0	%100
69	MP3B	X	-5.717	-5.717	0	%100
70	MP3B	Z	9.902	9.902	0	%100
71	MP3C	X	-5.717	-5.717	0	%100
72	MP3C	Z	9.902	9.902	0	%100
73	MP4A	X	-4.723	-4.723	0	%100
74	MP4A	Z	8.18	8.18	0	%100
75	MP4B	X	-4.723	-4.723	0	%100
76	MP4B	Z	8.18	8.18	0	%100
77	MP4C	X	-4.723	-4.723	0	%100
78	MP4C	Z	8.18	8.18	0	%100
79	OVPB	X	-5.059	-5.059	0	%100
80	OVPB	Z	8.762	8.762	0	%100
81	OVPC	X	-5.059	-5.059	0	%100
82	OVPC	Z	8.762	8.762	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	M2	X	-3.588	-3.588	0	%100
2	M2	Z	2.071	2.071	0	%100

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,%]
3	M3	X	-5.884	-5.884	0	%100
4	M3	Z	3.397	3.397	0	%100
5	M4	X	-5.884	-5.884	0	%100
6	M4	Z	3.397	3.397	0	%100
7	M5	X	-5.884	-5.884	0	%100
8	M5	Z	3.397	3.397	0	%100
9	M6	X	-5.884	-5.884	0	%100
10	M6	Z	3.397	3.397	0	%100
11	M12	X	-3.588	-3.588	0	%100
12	M12	Z	2.071	2.071	0	%100
13	M13	X	-5.884	-5.884	0	%100
14	M13	Z	3.397	3.397	0	%100
15	M14	X	-5.884	-5.884	0	%100
16	M14	Z	3.397	3.397	0	%100
17	M15	X	-5.884	-5.884	0	%100
18	M15	Z	3.397	3.397	0	%100
19	M16	X	-5.884	-5.884	0	%100
20	M16	Z	3.397	3.397	0	%100
21	M21	X	-10.408	-10.408	0	%100
22	M21	Z	6.009	6.009	0	%100
23	M22	X	-14.351	-14.351	0	%100
24	M22	Z	8.286	8.286	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	0	0	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	0	0	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	0	0	0	%100
31	M26	X	0	0	0	%100
32	M26	Z	0	0	0	%100
33	M31	X	-2.045	-2.045	0	%100
34	M31	Z	1.181	1.181	0	%100
35	M41	X	-2.045	-2.045	0	%100
36	M41	Z	1.181	1.181	0	%100
37	M51	X	-8.18	-8.18	0	%100
38	M51	Z	4.723	4.723	0	%100
39	M65	X	-6.775	-6.775	0	%100
40	M65	Z	3.912	3.912	0	%100
41	M66	X	-1.694	-1.694	0	%100
42	M66	Z	.978	.978	0	%100
43	M67	X	-1.694	-1.694	0	%100
44	M67	Z	.978	.978	0	%100
45	M69A	X	-10.408	-10.408	0	%100
46	M69A	Z	6.009	6.009	0	%100
47	M70A	X	0	0	0	%100
48	M70A	Z	0	0	0	%100
49	M73	X	-6.577	-6.577	0	%100
50	M73	Z	3.797	3.797	0	%100
51	M74	X	-11.985	-11.985	0	%100
52	M74	Z	6.919	6.919	0	%100
53	M75	X	-11.985	-11.985	0	%100
54	M75	Z	6.919	6.919	0	%100
55	MP1A	X	-8.18	-8.18	0	%100
56	MP1A	Z	4.723	4.723	0	%100
57	MP1B	X	-8.18	-8.18	0	%100
58	MP1B	Z	4.723	4.723	0	%100
59	MP1C	X	-8.18	-8.18	0	%100

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,%]
60	MP1C	Z	4.723	4.723	0	%100
61	MP2A	X	-8.18	-8.18	0	%100
62	MP2A	Z	4.723	4.723	0	%100
63	MP2B	X	-8.18	-8.18	0	%100
64	MP2B	Z	4.723	4.723	0	%100
65	MP2C	X	-8.18	-8.18	0	%100
66	MP2C	Z	4.723	4.723	0	%100
67	MP3A	X	-9.902	-9.902	0	%100
68	MP3A	Z	5.717	5.717	0	%100
69	MP3B	X	-9.902	-9.902	0	%100
70	MP3B	Z	5.717	5.717	0	%100
71	MP3C	X	-9.902	-9.902	0	%100
72	MP3C	Z	5.717	5.717	0	%100
73	MP4A	X	-8.18	-8.18	0	%100
74	MP4A	Z	4.723	4.723	0	%100
75	MP4B	X	-8.18	-8.18	0	%100
76	MP4B	Z	4.723	4.723	0	%100
77	MP4C	X	-8.18	-8.18	0	%100
78	MP4C	Z	4.723	4.723	0	%100
79	OVPB	X	-8.762	-8.762	0	%100
80	OVPB	Z	5.059	5.059	0	%100
81	OVPC	X	-8.762	-8.762	0	%100
82	OVPC	Z	5.059	5.059	0	%100

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	M2	X	0	0	0	%100
2	M2	Z	0	0	0	%100
3	M3	X	-9.059	-9.059	0	%100
4	M3	Z	0	0	0	%100
5	M4	X	-9.059	-9.059	0	%100
6	M4	Z	0	0	0	%100
7	M5	X	-9.059	-9.059	0	%100
8	M5	Z	0	0	0	%100
9	M6	X	-9.059	-9.059	0	%100
10	M6	Z	0	0	0	%100
11	M12	X	-12.429	-12.429	0	%100
12	M12	Z	0	0	0	%100
13	M13	X	-2.265	-2.265	0	%100
14	M13	Z	0	0	0	%100
15	M14	X	-2.265	-2.265	0	%100
16	M14	Z	0	0	0	%100
17	M15	X	-2.265	-2.265	0	%100
18	M15	Z	0	0	0	%100
19	M16	X	-2.265	-2.265	0	%100
20	M16	Z	0	0	0	%100
21	M21	X	-16.024	-16.024	0	%100
22	M21	Z	0	0	0	%100
23	M22	X	-12.429	-12.429	0	%100
24	M22	Z	0	0	0	%100
25	M23	X	-2.265	-2.265	0	%100
26	M23	Z	0	0	0	%100
27	M24	X	-2.265	-2.265	0	%100
28	M24	Z	0	0	0	%100
29	M25	X	-2.265	-2.265	0	%100
30	M25	Z	0	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,%]
31	M26	X	-2.265	-2.265	0	%100
32	M26	Z	0	0	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	0	0	0	%100
35	M41	X	-7.084	-7.084	0	%100
36	M41	Z	0	0	0	%100
37	M51	X	-7.084	-7.084	0	%100
38	M51	Z	0	0	0	%100
39	M65	X	-5.868	-5.868	0	%100
40	M65	Z	0	0	0	%100
41	M66	X	-5.868	-5.868	0	%100
42	M66	Z	0	0	0	%100
43	M67	X	0	0	0	%100
44	M67	Z	0	0	0	%100
45	M69A	X	-4.006	-4.006	0	%100
46	M69A	Z	0	0	0	%100
47	M70A	X	-4.006	-4.006	0	%100
48	M70A	Z	0	0	0	%100
49	M73	X	-9.676	-9.676	0	%100
50	M73	Z	0	0	0	%100
51	M74	X	-9.676	-9.676	0	%100
52	M74	Z	0	0	0	%100
53	M75	X	-15.92	-15.92	0	%100
54	M75	Z	0	0	0	%100
55	MP1A	X	-9.446	-9.446	0	%100
56	MP1A	Z	0	0	0	%100
57	MP1B	X	-9.446	-9.446	0	%100
58	MP1B	Z	0	0	0	%100
59	MP1C	X	-9.446	-9.446	0	%100
60	MP1C	Z	0	0	0	%100
61	MP2A	X	-9.446	-9.446	0	%100
62	MP2A	Z	0	0	0	%100
63	MP2B	X	-9.446	-9.446	0	%100
64	MP2B	Z	0	0	0	%100
65	MP2C	X	-9.446	-9.446	0	%100
66	MP2C	Z	0	0	0	%100
67	MP3A	X	-11.434	-11.434	0	%100
68	MP3A	Z	0	0	0	%100
69	MP3B	X	-11.434	-11.434	0	%100
70	MP3B	Z	0	0	0	%100
71	MP3C	X	-11.434	-11.434	0	%100
72	MP3C	Z	0	0	0	%100
73	MP4A	X	-9.446	-9.446	0	%100
74	MP4A	Z	0	0	0	%100
75	MP4B	X	-9.446	-9.446	0	%100
76	MP4B	Z	0	0	0	%100
77	MP4C	X	-9.446	-9.446	0	%100
78	MP4C	Z	0	0	0	%100
79	OVPB	X	-10.118	-10.118	0	%100
80	OVPB	Z	0	0	0	%100
81	OVPC	X	-10.118	-10.118	0	%100
82	OVPC	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	M2	X	-3.588	-3.588	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,%]
2	M2	Z	-2.071	-2.071	0	%100
3	M3	X	-5.884	-5.884	0	%100
4	M3	Z	-3.397	-3.397	0	%100
5	M4	X	-5.884	-5.884	0	%100
6	M4	Z	-3.397	-3.397	0	%100
7	M5	X	-5.884	-5.884	0	%100
8	M5	Z	-3.397	-3.397	0	%100
9	M6	X	-5.884	-5.884	0	%100
10	M6	Z	-3.397	-3.397	0	%100
11	M12	X	-14.351	-14.351	0	%100
12	M12	Z	-8.286	-8.286	0	%100
13	M13	X	0	0	0	%100
14	M13	Z	0	0	0	%100
15	M14	X	0	0	0	%100
16	M14	Z	0	0	0	%100
17	M15	X	0	0	0	%100
18	M15	Z	0	0	0	%100
19	M16	X	0	0	0	%100
20	M16	Z	0	0	0	%100
21	M21	X	-10.408	-10.408	0	%100
22	M21	Z	-6.009	-6.009	0	%100
23	M22	X	-3.588	-3.588	0	%100
24	M22	Z	-2.071	-2.071	0	%100
25	M23	X	-5.884	-5.884	0	%100
26	M23	Z	-3.397	-3.397	0	%100
27	M24	X	-5.884	-5.884	0	%100
28	M24	Z	-3.397	-3.397	0	%100
29	M25	X	-5.884	-5.884	0	%100
30	M25	Z	-3.397	-3.397	0	%100
31	M26	X	-5.884	-5.884	0	%100
32	M26	Z	-3.397	-3.397	0	%100
33	M31	X	-2.045	-2.045	0	%100
34	M31	Z	-1.181	-1.181	0	%100
35	M41	X	-8.18	-8.18	0	%100
36	M41	Z	-4.723	-4.723	0	%100
37	M51	X	-2.045	-2.045	0	%100
38	M51	Z	-1.181	-1.181	0	%100
39	M65	X	-1.694	-1.694	0	%100
40	M65	Z	-.978	-.978	0	%100
41	M66	X	-6.775	-6.775	0	%100
42	M66	Z	-3.912	-3.912	0	%100
43	M67	X	-1.694	-1.694	0	%100
44	M67	Z	-.978	-.978	0	%100
45	M69A	X	0	0	0	%100
46	M69A	Z	0	0	0	%100
47	M70A	X	-10.408	-10.408	0	%100
48	M70A	Z	-6.009	-6.009	0	%100
49	M73	X	-11.985	-11.985	0	%100
50	M73	Z	-6.919	-6.919	0	%100
51	M74	X	-6.577	-6.577	0	%100
52	M74	Z	-3.797	-3.797	0	%100
53	M75	X	-11.985	-11.985	0	%100
54	M75	Z	-6.919	-6.919	0	%100
55	MP1A	X	-8.18	-8.18	0	%100
56	MP1A	Z	-4.723	-4.723	0	%100
57	MP1B	X	-8.18	-8.18	0	%100
58	MP1B	Z	-4.723	-4.723	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,%]
59	MP1C	X	-8.18	-8.18	0	%100
60	MP1C	Z	-4.723	-4.723	0	%100
61	MP2A	X	-8.18	-8.18	0	%100
62	MP2A	Z	-4.723	-4.723	0	%100
63	MP2B	X	-8.18	-8.18	0	%100
64	MP2B	Z	-4.723	-4.723	0	%100
65	MP2C	X	-8.18	-8.18	0	%100
66	MP2C	Z	-4.723	-4.723	0	%100
67	MP3A	X	-9.902	-9.902	0	%100
68	MP3A	Z	-5.717	-5.717	0	%100
69	MP3B	X	-9.902	-9.902	0	%100
70	MP3B	Z	-5.717	-5.717	0	%100
71	MP3C	X	-9.902	-9.902	0	%100
72	MP3C	Z	-5.717	-5.717	0	%100
73	MP4A	X	-8.18	-8.18	0	%100
74	MP4A	Z	-4.723	-4.723	0	%100
75	MP4B	X	-8.18	-8.18	0	%100
76	MP4B	Z	-4.723	-4.723	0	%100
77	MP4C	X	-8.18	-8.18	0	%100
78	MP4C	Z	-4.723	-4.723	0	%100
79	OVPB	X	-8.762	-8.762	0	%100
80	OVPB	Z	-5.059	-5.059	0	%100
81	OVPC	X	-8.762	-8.762	0	%100
82	OVPC	Z	-5.059	-5.059	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	M2	X	-6.214	-6.214	0	%100
2	M2	Z	-10.764	-10.764	0	%100
3	M3	X	-1.132	-1.132	0	%100
4	M3	Z	-1.961	-1.961	0	%100
5	M4	X	-1.132	-1.132	0	%100
6	M4	Z	-1.961	-1.961	0	%100
7	M5	X	-1.132	-1.132	0	%100
8	M5	Z	-1.961	-1.961	0	%100
9	M6	X	-1.132	-1.132	0	%100
10	M6	Z	-1.961	-1.961	0	%100
11	M12	X	-6.214	-6.214	0	%100
12	M12	Z	-10.764	-10.764	0	%100
13	M13	X	-1.132	-1.132	0	%100
14	M13	Z	-1.961	-1.961	0	%100
15	M14	X	-1.132	-1.132	0	%100
16	M14	Z	-1.961	-1.961	0	%100
17	M15	X	-1.132	-1.132	0	%100
18	M15	Z	-1.961	-1.961	0	%100
19	M16	X	-1.132	-1.132	0	%100
20	M16	Z	-1.961	-1.961	0	%100
21	M21	X	-2.003	-2.003	0	%100
22	M21	Z	-3.469	-3.469	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	0	0	0	%100
25	M23	X	-4.53	-4.53	0	%100
26	M23	Z	-7.845	-7.845	0	%100
27	M24	X	-4.53	-4.53	0	%100
28	M24	Z	-7.845	-7.845	0	%100
29	M25	X	-4.53	-4.53	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,%]
30	M25	Z	-7.845	-7.845	0	%100
31	M26	X	-4.53	-4.53	0	%100
32	M26	Z	-7.845	-7.845	0	%100
33	M31	X	-3.542	-3.542	0	%100
34	M31	Z	-6.135	-6.135	0	%100
35	M41	X	-3.542	-3.542	0	%100
36	M41	Z	-6.135	-6.135	0	%100
37	M51	X	0	0	0	%100
38	M51	Z	0	0	0	%100
39	M65	X	0	0	0	%100
40	M65	Z	0	0	0	%100
41	M66	X	-2.934	-2.934	0	%100
42	M66	Z	-5.082	-5.082	0	%100
43	M67	X	-2.934	-2.934	0	%100
44	M67	Z	-5.082	-5.082	0	%100
45	M69A	X	-2.003	-2.003	0	%100
46	M69A	Z	-3.469	-3.469	0	%100
47	M70A	X	-8.012	-8.012	0	%100
48	M70A	Z	-13.877	-13.877	0	%100
49	M73	X	-7.96	-7.96	0	%100
50	M73	Z	-13.787	-13.787	0	%100
51	M74	X	-4.838	-4.838	0	%100
52	M74	Z	-8.38	-8.38	0	%100
53	M75	X	-4.838	-4.838	0	%100
54	M75	Z	-8.38	-8.38	0	%100
55	MP1A	X	-4.723	-4.723	0	%100
56	MP1A	Z	-8.18	-8.18	0	%100
57	MP1B	X	-4.723	-4.723	0	%100
58	MP1B	Z	-8.18	-8.18	0	%100
59	MP1C	X	-4.723	-4.723	0	%100
60	MP1C	Z	-8.18	-8.18	0	%100
61	MP2A	X	-4.723	-4.723	0	%100
62	MP2A	Z	-8.18	-8.18	0	%100
63	MP2B	X	-4.723	-4.723	0	%100
64	MP2B	Z	-8.18	-8.18	0	%100
65	MP2C	X	-4.723	-4.723	0	%100
66	MP2C	Z	-8.18	-8.18	0	%100
67	MP3A	X	-5.717	-5.717	0	%100
68	MP3A	Z	-9.902	-9.902	0	%100
69	MP3B	X	-5.717	-5.717	0	%100
70	MP3B	Z	-9.902	-9.902	0	%100
71	MP3C	X	-5.717	-5.717	0	%100
72	MP3C	Z	-9.902	-9.902	0	%100
73	MP4A	X	-4.723	-4.723	0	%100
74	MP4A	Z	-8.18	-8.18	0	%100
75	MP4B	X	-4.723	-4.723	0	%100
76	MP4B	Z	-8.18	-8.18	0	%100
77	MP4C	X	-4.723	-4.723	0	%100
78	MP4C	Z	-8.18	-8.18	0	%100
79	OVPB	X	-5.059	-5.059	0	%100
80	OVPB	Z	-8.762	-8.762	0	%100
81	OVPC	X	-5.059	-5.059	0	%100
82	OVPC	Z	-8.762	-8.762	0	%100

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,%]

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,%]
1	M2	X	0	0	0	%100
2	M2	Z	-4.7	-4.7	0	%100
3	M3	X	0	0	0	%100
4	M3	Z	0	0	0	%100
5	M4	X	0	0	0	%100
6	M4	Z	0	0	0	%100
7	M5	X	0	0	0	%100
8	M5	Z	0	0	0	%100
9	M6	X	0	0	0	%100
10	M6	Z	0	0	0	%100
11	M12	X	0	0	0	%100
12	M12	Z	-1.175	-1.175	0	%100
13	M13	X	0	0	0	%100
14	M13	Z	-2.041	-2.041	0	%100
15	M14	X	0	0	0	%100
16	M14	Z	-2.041	-2.041	0	%100
17	M15	X	0	0	0	%100
18	M15	Z	-2.041	-2.041	0	%100
19	M16	X	0	0	0	%100
20	M16	Z	-2.041	-2.041	0	%100
21	M21	X	0	0	0	%100
22	M21	Z	0	0	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	-1.175	-1.175	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	-2.041	-2.041	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	-2.041	-2.041	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	-2.041	-2.041	0	%100
31	M26	X	0	0	0	%100
32	M26	Z	-2.041	-2.041	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	-3.395	-3.395	0	%100
35	M41	X	0	0	0	%100
36	M41	Z	-.849	-.849	0	%100
37	M51	X	0	0	0	%100
38	M51	Z	-.849	-.849	0	%100
39	M65	X	0	0	0	%100
40	M65	Z	-.708	-.708	0	%100
41	M66	X	0	0	0	%100
42	M66	Z	-.708	-.708	0	%100
43	M67	X	0	0	0	%100
44	M67	Z	-2.831	-2.831	0	%100
45	M69A	X	0	0	0	%100
46	M69A	Z	-3.45	-3.45	0	%100
47	M70A	X	0	0	0	%100
48	M70A	Z	-3.45	-3.45	0	%100
49	M73	X	0	0	0	%100
50	M73	Z	-3.893	-3.893	0	%100
51	M74	X	0	0	0	%100
52	M74	Z	-3.893	-3.893	0	%100
53	M75	X	0	0	0	%100
54	M75	Z	-1.856	-1.856	0	%100
55	MP1A	X	0	0	0	%100
56	MP1A	Z	-3.395	-3.395	0	%100
57	MP1B	X	0	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,%]
58	MP1B	Z	-3.395	-3.395	0	%100
59	MP1C	X	0	0	0	%100
60	MP1C	Z	-3.395	-3.395	0	%100
61	MP2A	X	0	0	0	%100
62	MP2A	Z	-3.395	-3.395	0	%100
63	MP2B	X	0	0	0	%100
64	MP2B	Z	-3.395	-3.395	0	%100
65	MP2C	X	0	0	0	%100
66	MP2C	Z	-3.395	-3.395	0	%100
67	MP3A	X	0	0	0	%100
68	MP3A	Z	-3.759	-3.759	0	%100
69	MP3B	X	0	0	0	%100
70	MP3B	Z	-3.759	-3.759	0	%100
71	MP3C	X	0	0	0	%100
72	MP3C	Z	-3.759	-3.759	0	%100
73	MP4A	X	0	0	0	%100
74	MP4A	Z	-3.395	-3.395	0	%100
75	MP4B	X	0	0	0	%100
76	MP4B	Z	-3.395	-3.395	0	%100
77	MP4C	X	0	0	0	%100
78	MP4C	Z	-3.395	-3.395	0	%100
79	OVPB	X	0	0	0	%100
80	OVPB	Z	-3.475	-3.475	0	%100
81	OVPC	X	0	0	0	%100
82	OVPC	Z	-3.475	-3.475	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	M2	X	1.762	1.762	0	%100
2	M2	Z	-3.053	-3.053	0	%100
3	M3	X	.34	.34	0	%100
4	M3	Z	-.589	-.589	0	%100
5	M4	X	.34	.34	0	%100
6	M4	Z	-.589	-.589	0	%100
7	M5	X	.34	.34	0	%100
8	M5	Z	-.589	-.589	0	%100
9	M6	X	.34	.34	0	%100
10	M6	Z	-.589	-.589	0	%100
11	M12	X	0	0	0	%100
12	M12	Z	0	0	0	%100
13	M13	X	1.361	1.361	0	%100
14	M13	Z	-2.357	-2.357	0	%100
15	M14	X	1.361	1.361	0	%100
16	M14	Z	-2.357	-2.357	0	%100
17	M15	X	1.361	1.361	0	%100
18	M15	Z	-2.357	-2.357	0	%100
19	M16	X	1.361	1.361	0	%100
20	M16	Z	-2.357	-2.357	0	%100
21	M21	X	.575	.575	0	%100
22	M21	Z	-.996	-.996	0	%100
23	M22	X	1.762	1.762	0	%100
24	M22	Z	-3.053	-3.053	0	%100
25	M23	X	.34	.34	0	%100
26	M23	Z	-.589	-.589	0	%100
27	M24	X	.34	.34	0	%100
28	M24	Z	-.589	-.589	0	%100

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,%]
29	M25	X	.34	.34	0	%100
30	M25	Z	-.589	-.589	0	%100
31	M26	X	.34	.34	0	%100
32	M26	Z	-.589	-.589	0	%100
33	M31	X	1.273	1.273	0	%100
34	M31	Z	-2.205	-2.205	0	%100
35	M41	X	0	0	0	%100
36	M41	Z	0	0	0	%100
37	M51	X	1.273	1.273	0	%100
38	M51	Z	-2.205	-2.205	0	%100
39	M65	X	1.061	1.061	0	%100
40	M65	Z	-1.838	-1.838	0	%100
41	M66	X	0	0	0	%100
42	M66	Z	0	0	0	%100
43	M67	X	1.061	1.061	0	%100
44	M67	Z	-1.838	-1.838	0	%100
45	M69A	X	2.3	2.3	0	%100
46	M69A	Z	-3.983	-3.983	0	%100
47	M70A	X	.575	.575	0	%100
48	M70A	Z	-.996	-.996	0	%100
49	M73	X	1.268	1.268	0	%100
50	M73	Z	-2.196	-2.196	0	%100
51	M74	X	2.286	2.286	0	%100
52	M74	Z	-3.96	-3.96	0	%100
53	M75	X	1.268	1.268	0	%100
54	M75	Z	-2.196	-2.196	0	%100
55	MP1A	X	1.698	1.698	0	%100
56	MP1A	Z	-2.94	-2.94	0	%100
57	MP1B	X	1.698	1.698	0	%100
58	MP1B	Z	-2.94	-2.94	0	%100
59	MP1C	X	1.698	1.698	0	%100
60	MP1C	Z	-2.94	-2.94	0	%100
61	MP2A	X	1.698	1.698	0	%100
62	MP2A	Z	-2.94	-2.94	0	%100
63	MP2B	X	1.698	1.698	0	%100
64	MP2B	Z	-2.94	-2.94	0	%100
65	MP2C	X	1.698	1.698	0	%100
66	MP2C	Z	-2.94	-2.94	0	%100
67	MP3A	X	1.88	1.88	0	%100
68	MP3A	Z	-3.256	-3.256	0	%100
69	MP3B	X	1.88	1.88	0	%100
70	MP3B	Z	-3.256	-3.256	0	%100
71	MP3C	X	1.88	1.88	0	%100
72	MP3C	Z	-3.256	-3.256	0	%100
73	MP4A	X	1.698	1.698	0	%100
74	MP4A	Z	-2.94	-2.94	0	%100
75	MP4B	X	1.698	1.698	0	%100
76	MP4B	Z	-2.94	-2.94	0	%100
77	MP4C	X	1.698	1.698	0	%100
78	MP4C	Z	-2.94	-2.94	0	%100
79	OVPB	X	1.738	1.738	0	%100
80	OVPB	Z	-3.01	-3.01	0	%100
81	OVPC	X	1.738	1.738	0	%100
82	OVPC	Z	-3.01	-3.01	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]

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,%]
1	M2	X	1.018	1.018	0	%100
2	M2	Z	-.587	-.587	0	%100
3	M3	X	1.768	1.768	0	%100
4	M3	Z	-1.021	-1.021	0	%100
5	M4	X	1.768	1.768	0	%100
6	M4	Z	-1.021	-1.021	0	%100
7	M5	X	1.768	1.768	0	%100
8	M5	Z	-1.021	-1.021	0	%100
9	M6	X	1.768	1.768	0	%100
10	M6	Z	-1.021	-1.021	0	%100
11	M12	X	1.018	1.018	0	%100
12	M12	Z	-.587	-.587	0	%100
13	M13	X	1.768	1.768	0	%100
14	M13	Z	-1.021	-1.021	0	%100
15	M14	X	1.768	1.768	0	%100
16	M14	Z	-1.021	-1.021	0	%100
17	M15	X	1.768	1.768	0	%100
18	M15	Z	-1.021	-1.021	0	%100
19	M16	X	1.768	1.768	0	%100
20	M16	Z	-1.021	-1.021	0	%100
21	M21	X	2.987	2.987	0	%100
22	M21	Z	-1.725	-1.725	0	%100
23	M22	X	4.07	4.07	0	%100
24	M22	Z	-2.35	-2.35	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	0	0	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	0	0	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	0	0	0	%100
31	M26	X	0	0	0	%100
32	M26	Z	0	0	0	%100
33	M31	X	.735	.735	0	%100
34	M31	Z	-.424	-.424	0	%100
35	M41	X	.735	.735	0	%100
36	M41	Z	-.424	-.424	0	%100
37	M51	X	2.94	2.94	0	%100
38	M51	Z	-1.698	-1.698	0	%100
39	M65	X	2.451	2.451	0	%100
40	M65	Z	-1.415	-1.415	0	%100
41	M66	X	.613	.613	0	%100
42	M66	Z	-.354	-.354	0	%100
43	M67	X	.613	.613	0	%100
44	M67	Z	-.354	-.354	0	%100
45	M69A	X	2.987	2.987	0	%100
46	M69A	Z	-1.725	-1.725	0	%100
47	M70A	X	0	0	0	%100
48	M70A	Z	0	0	0	%100
49	M73	X	1.607	1.607	0	%100
50	M73	Z	-.928	-.928	0	%100
51	M74	X	3.372	3.372	0	%100
52	M74	Z	-1.947	-1.947	0	%100
53	M75	X	3.372	3.372	0	%100
54	M75	Z	-1.947	-1.947	0	%100
55	MP1A	X	2.94	2.94	0	%100
56	MP1A	Z	-1.698	-1.698	0	%100
57	MP1B	X	2.94	2.94	0	%100

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,%]
58	MP1B	Z	-1.698	-1.698	0	%100
59	MP1C	X	2.94	2.94	0	%100
60	MP1C	Z	-1.698	-1.698	0	%100
61	MP2A	X	2.94	2.94	0	%100
62	MP2A	Z	-1.698	-1.698	0	%100
63	MP2B	X	2.94	2.94	0	%100
64	MP2B	Z	-1.698	-1.698	0	%100
65	MP2C	X	2.94	2.94	0	%100
66	MP2C	Z	-1.698	-1.698	0	%100
67	MP3A	X	3.256	3.256	0	%100
68	MP3A	Z	-1.88	-1.88	0	%100
69	MP3B	X	3.256	3.256	0	%100
70	MP3B	Z	-1.88	-1.88	0	%100
71	MP3C	X	3.256	3.256	0	%100
72	MP3C	Z	-1.88	-1.88	0	%100
73	MP4A	X	2.94	2.94	0	%100
74	MP4A	Z	-1.698	-1.698	0	%100
75	MP4B	X	2.94	2.94	0	%100
76	MP4B	Z	-1.698	-1.698	0	%100
77	MP4C	X	2.94	2.94	0	%100
78	MP4C	Z	-1.698	-1.698	0	%100
79	OVPB	X	3.01	3.01	0	%100
80	OVPB	Z	-1.738	-1.738	0	%100
81	OVPC	X	3.01	3.01	0	%100
82	OVPC	Z	-1.738	-1.738	0	%100

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	M2	X	0	0	0	%100
2	M2	Z	0	0	0	%100
3	M3	X	2.722	2.722	0	%100
4	M3	Z	0	0	0	%100
5	M4	X	2.722	2.722	0	%100
6	M4	Z	0	0	0	%100
7	M5	X	2.722	2.722	0	%100
8	M5	Z	0	0	0	%100
9	M6	X	2.722	2.722	0	%100
10	M6	Z	0	0	0	%100
11	M12	X	3.525	3.525	0	%100
12	M12	Z	0	0	0	%100
13	M13	X	.68	.68	0	%100
14	M13	Z	0	0	0	%100
15	M14	X	.68	.68	0	%100
16	M14	Z	0	0	0	%100
17	M15	X	.68	.68	0	%100
18	M15	Z	0	0	0	%100
19	M16	X	.68	.68	0	%100
20	M16	Z	0	0	0	%100
21	M21	X	4.599	4.599	0	%100
22	M21	Z	0	0	0	%100
23	M22	X	3.525	3.525	0	%100
24	M22	Z	0	0	0	%100
25	M23	X	.68	.68	0	%100
26	M23	Z	0	0	0	%100
27	M24	X	.68	.68	0	%100
28	M24	Z	0	0	0	%100

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,%]
29	M25	X	.68	.68	0	%100
30	M25	Z	0	0	0	%100
31	M26	X	.68	.68	0	%100
32	M26	Z	0	0	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	0	0	0	%100
35	M41	X	2.546	2.546	0	%100
36	M41	Z	0	0	0	%100
37	M51	X	2.546	2.546	0	%100
38	M51	Z	0	0	0	%100
39	M65	X	2.123	2.123	0	%100
40	M65	Z	0	0	0	%100
41	M66	X	2.123	2.123	0	%100
42	M66	Z	0	0	0	%100
43	M67	X	0	0	0	%100
44	M67	Z	0	0	0	%100
45	M69A	X	1.15	1.15	0	%100
46	M69A	Z	0	0	0	%100
47	M70A	X	1.15	1.15	0	%100
48	M70A	Z	0	0	0	%100
49	M73	X	2.535	2.535	0	%100
50	M73	Z	0	0	0	%100
51	M74	X	2.535	2.535	0	%100
52	M74	Z	0	0	0	%100
53	M75	X	4.573	4.573	0	%100
54	M75	Z	0	0	0	%100
55	MP1A	X	3.395	3.395	0	%100
56	MP1A	Z	0	0	0	%100
57	MP1B	X	3.395	3.395	0	%100
58	MP1B	Z	0	0	0	%100
59	MP1C	X	3.395	3.395	0	%100
60	MP1C	Z	0	0	0	%100
61	MP2A	X	3.395	3.395	0	%100
62	MP2A	Z	0	0	0	%100
63	MP2B	X	3.395	3.395	0	%100
64	MP2B	Z	0	0	0	%100
65	MP2C	X	3.395	3.395	0	%100
66	MP2C	Z	0	0	0	%100
67	MP3A	X	3.759	3.759	0	%100
68	MP3A	Z	0	0	0	%100
69	MP3B	X	3.759	3.759	0	%100
70	MP3B	Z	0	0	0	%100
71	MP3C	X	3.759	3.759	0	%100
72	MP3C	Z	0	0	0	%100
73	MP4A	X	3.395	3.395	0	%100
74	MP4A	Z	0	0	0	%100
75	MP4B	X	3.395	3.395	0	%100
76	MP4B	Z	0	0	0	%100
77	MP4C	X	3.395	3.395	0	%100
78	MP4C	Z	0	0	0	%100
79	OVPB	X	3.475	3.475	0	%100
80	OVPB	Z	0	0	0	%100
81	OVPC	X	3.475	3.475	0	%100
82	OVPC	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,%]

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,%]
1	M2	X	1.018	1.018	0	%100
2	M2	Z	.587	.587	0	%100
3	M3	X	1.768	1.768	0	%100
4	M3	Z	1.021	1.021	0	%100
5	M4	X	1.768	1.768	0	%100
6	M4	Z	1.021	1.021	0	%100
7	M5	X	1.768	1.768	0	%100
8	M5	Z	1.021	1.021	0	%100
9	M6	X	1.768	1.768	0	%100
10	M6	Z	1.021	1.021	0	%100
11	M12	X	4.07	4.07	0	%100
12	M12	Z	2.35	2.35	0	%100
13	M13	X	0	0	0	%100
14	M13	Z	0	0	0	%100
15	M14	X	0	0	0	%100
16	M14	Z	0	0	0	%100
17	M15	X	0	0	0	%100
18	M15	Z	0	0	0	%100
19	M16	X	0	0	0	%100
20	M16	Z	0	0	0	%100
21	M21	X	2.987	2.987	0	%100
22	M21	Z	1.725	1.725	0	%100
23	M22	X	1.018	1.018	0	%100
24	M22	Z	.587	.587	0	%100
25	M23	X	1.768	1.768	0	%100
26	M23	Z	1.021	1.021	0	%100
27	M24	X	1.768	1.768	0	%100
28	M24	Z	1.021	1.021	0	%100
29	M25	X	1.768	1.768	0	%100
30	M25	Z	1.021	1.021	0	%100
31	M26	X	1.768	1.768	0	%100
32	M26	Z	1.021	1.021	0	%100
33	M31	X	.735	.735	0	%100
34	M31	Z	.424	.424	0	%100
35	M41	X	2.94	2.94	0	%100
36	M41	Z	1.698	1.698	0	%100
37	M51	X	.735	.735	0	%100
38	M51	Z	.424	.424	0	%100
39	M65	X	.613	.613	0	%100
40	M65	Z	.354	.354	0	%100
41	M66	X	2.451	2.451	0	%100
42	M66	Z	1.415	1.415	0	%100
43	M67	X	.613	.613	0	%100
44	M67	Z	.354	.354	0	%100
45	M69A	X	0	0	0	%100
46	M69A	Z	0	0	0	%100
47	M70A	X	2.987	2.987	0	%100
48	M70A	Z	1.725	1.725	0	%100
49	M73	X	3.372	3.372	0	%100
50	M73	Z	1.947	1.947	0	%100
51	M74	X	1.607	1.607	0	%100
52	M74	Z	.928	.928	0	%100
53	M75	X	3.372	3.372	0	%100
54	M75	Z	1.947	1.947	0	%100
55	MP1A	X	2.94	2.94	0	%100
56	MP1A	Z	1.698	1.698	0	%100
57	MP1B	X	2.94	2.94	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,%]
58	MP1B	Z	1.698	1.698	0	%100
59	MP1C	X	2.94	2.94	0	%100
60	MP1C	Z	1.698	1.698	0	%100
61	MP2A	X	2.94	2.94	0	%100
62	MP2A	Z	1.698	1.698	0	%100
63	MP2B	X	2.94	2.94	0	%100
64	MP2B	Z	1.698	1.698	0	%100
65	MP2C	X	2.94	2.94	0	%100
66	MP2C	Z	1.698	1.698	0	%100
67	MP3A	X	3.256	3.256	0	%100
68	MP3A	Z	1.88	1.88	0	%100
69	MP3B	X	3.256	3.256	0	%100
70	MP3B	Z	1.88	1.88	0	%100
71	MP3C	X	3.256	3.256	0	%100
72	MP3C	Z	1.88	1.88	0	%100
73	MP4A	X	2.94	2.94	0	%100
74	MP4A	Z	1.698	1.698	0	%100
75	MP4B	X	2.94	2.94	0	%100
76	MP4B	Z	1.698	1.698	0	%100
77	MP4C	X	2.94	2.94	0	%100
78	MP4C	Z	1.698	1.698	0	%100
79	OVPB	X	3.01	3.01	0	%100
80	OVPB	Z	1.738	1.738	0	%100
81	OVPC	X	3.01	3.01	0	%100
82	OVPC	Z	1.738	1.738	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M2	X	1.762	1.762	0	%100
2	M2	Z	3.053	3.053	0	%100
3	M3	X	.34	.34	0	%100
4	M3	Z	.589	.589	0	%100
5	M4	X	.34	.34	0	%100
6	M4	Z	.589	.589	0	%100
7	M5	X	.34	.34	0	%100
8	M5	Z	.589	.589	0	%100
9	M6	X	.34	.34	0	%100
10	M6	Z	.589	.589	0	%100
11	M12	X	1.762	1.762	0	%100
12	M12	Z	3.053	3.053	0	%100
13	M13	X	.34	.34	0	%100
14	M13	Z	.589	.589	0	%100
15	M14	X	.34	.34	0	%100
16	M14	Z	.589	.589	0	%100
17	M15	X	.34	.34	0	%100
18	M15	Z	.589	.589	0	%100
19	M16	X	.34	.34	0	%100
20	M16	Z	.589	.589	0	%100
21	M21	X	.575	.575	0	%100
22	M21	Z	.996	.996	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	0	0	0	%100
25	M23	X	1.361	1.361	0	%100
26	M23	Z	2.357	2.357	0	%100
27	M24	X	1.361	1.361	0	%100
28	M24	Z	2.357	2.357	0	%100

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,%]
29	M25	X	1.361	1.361	0	%100
30	M25	Z	2.357	2.357	0	%100
31	M26	X	1.361	1.361	0	%100
32	M26	Z	2.357	2.357	0	%100
33	M31	X	1.273	1.273	0	%100
34	M31	Z	2.205	2.205	0	%100
35	M41	X	1.273	1.273	0	%100
36	M41	Z	2.205	2.205	0	%100
37	M51	X	0	0	0	%100
38	M51	Z	0	0	0	%100
39	M65	X	0	0	0	%100
40	M65	Z	0	0	0	%100
41	M66	X	1.061	1.061	0	%100
42	M66	Z	1.838	1.838	0	%100
43	M67	X	1.061	1.061	0	%100
44	M67	Z	1.838	1.838	0	%100
45	M69A	X	.575	.575	0	%100
46	M69A	Z	.996	.996	0	%100
47	M70A	X	2.3	2.3	0	%100
48	M70A	Z	3.983	3.983	0	%100
49	M73	X	2.286	2.286	0	%100
50	M73	Z	3.96	3.96	0	%100
51	M74	X	1.268	1.268	0	%100
52	M74	Z	2.196	2.196	0	%100
53	M75	X	1.268	1.268	0	%100
54	M75	Z	2.196	2.196	0	%100
55	MP1A	X	1.698	1.698	0	%100
56	MP1A	Z	2.94	2.94	0	%100
57	MP1B	X	1.698	1.698	0	%100
58	MP1B	Z	2.94	2.94	0	%100
59	MP1C	X	1.698	1.698	0	%100
60	MP1C	Z	2.94	2.94	0	%100
61	MP2A	X	1.698	1.698	0	%100
62	MP2A	Z	2.94	2.94	0	%100
63	MP2B	X	1.698	1.698	0	%100
64	MP2B	Z	2.94	2.94	0	%100
65	MP2C	X	1.698	1.698	0	%100
66	MP2C	Z	2.94	2.94	0	%100
67	MP3A	X	1.88	1.88	0	%100
68	MP3A	Z	3.256	3.256	0	%100
69	MP3B	X	1.88	1.88	0	%100
70	MP3B	Z	3.256	3.256	0	%100
71	MP3C	X	1.88	1.88	0	%100
72	MP3C	Z	3.256	3.256	0	%100
73	MP4A	X	1.698	1.698	0	%100
74	MP4A	Z	2.94	2.94	0	%100
75	MP4B	X	1.698	1.698	0	%100
76	MP4B	Z	2.94	2.94	0	%100
77	MP4C	X	1.698	1.698	0	%100
78	MP4C	Z	2.94	2.94	0	%100
79	OVPB	X	1.738	1.738	0	%100
80	OVPB	Z	3.01	3.01	0	%100
81	OVPC	X	1.738	1.738	0	%100
82	OVPC	Z	3.01	3.01	0	%100

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,%]

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,%]
1	M2	X	0	0	0	%100
2	M2	Z	4.7	4.7	0	%100
3	M3	X	0	0	0	%100
4	M3	Z	0	0	0	%100
5	M4	X	0	0	0	%100
6	M4	Z	0	0	0	%100
7	M5	X	0	0	0	%100
8	M5	Z	0	0	0	%100
9	M6	X	0	0	0	%100
10	M6	Z	0	0	0	%100
11	M12	X	0	0	0	%100
12	M12	Z	1.175	1.175	0	%100
13	M13	X	0	0	0	%100
14	M13	Z	2.041	2.041	0	%100
15	M14	X	0	0	0	%100
16	M14	Z	2.041	2.041	0	%100
17	M15	X	0	0	0	%100
18	M15	Z	2.041	2.041	0	%100
19	M16	X	0	0	0	%100
20	M16	Z	2.041	2.041	0	%100
21	M21	X	0	0	0	%100
22	M21	Z	0	0	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	1.175	1.175	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	2.041	2.041	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	2.041	2.041	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	2.041	2.041	0	%100
31	M26	X	0	0	0	%100
32	M26	Z	2.041	2.041	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	3.395	3.395	0	%100
35	M41	X	0	0	0	%100
36	M41	Z	.849	.849	0	%100
37	M51	X	0	0	0	%100
38	M51	Z	.849	.849	0	%100
39	M65	X	0	0	0	%100
40	M65	Z	.708	.708	0	%100
41	M66	X	0	0	0	%100
42	M66	Z	.708	.708	0	%100
43	M67	X	0	0	0	%100
44	M67	Z	2.831	2.831	0	%100
45	M69A	X	0	0	0	%100
46	M69A	Z	3.45	3.45	0	%100
47	M70A	X	0	0	0	%100
48	M70A	Z	3.45	3.45	0	%100
49	M73	X	0	0	0	%100
50	M73	Z	3.893	3.893	0	%100
51	M74	X	0	0	0	%100
52	M74	Z	3.893	3.893	0	%100
53	M75	X	0	0	0	%100
54	M75	Z	1.856	1.856	0	%100
55	MP1A	X	0	0	0	%100
56	MP1A	Z	3.395	3.395	0	%100
57	MP1B	X	0	0	0	%100

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	MP1B	Z	3.395	3.395	0	%100
59	MP1C	X	0	0	0	%100
60	MP1C	Z	3.395	3.395	0	%100
61	MP2A	X	0	0	0	%100
62	MP2A	Z	3.395	3.395	0	%100
63	MP2B	X	0	0	0	%100
64	MP2B	Z	3.395	3.395	0	%100
65	MP2C	X	0	0	0	%100
66	MP2C	Z	3.395	3.395	0	%100
67	MP3A	X	0	0	0	%100
68	MP3A	Z	3.759	3.759	0	%100
69	MP3B	X	0	0	0	%100
70	MP3B	Z	3.759	3.759	0	%100
71	MP3C	X	0	0	0	%100
72	MP3C	Z	3.759	3.759	0	%100
73	MP4A	X	0	0	0	%100
74	MP4A	Z	3.395	3.395	0	%100
75	MP4B	X	0	0	0	%100
76	MP4B	Z	3.395	3.395	0	%100
77	MP4C	X	0	0	0	%100
78	MP4C	Z	3.395	3.395	0	%100
79	OVPB	X	0	0	0	%100
80	OVPB	Z	3.475	3.475	0	%100
81	OVPC	X	0	0	0	%100
82	OVPC	Z	3.475	3.475	0	%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	M2	X	-1.762	-1.762	0	%100
2	M2	Z	3.053	3.053	0	%100
3	M3	X	-.34	-.34	0	%100
4	M3	Z	.589	.589	0	%100
5	M4	X	-.34	-.34	0	%100
6	M4	Z	.589	.589	0	%100
7	M5	X	-.34	-.34	0	%100
8	M5	Z	.589	.589	0	%100
9	M6	X	-.34	-.34	0	%100
10	M6	Z	.589	.589	0	%100
11	M12	X	0	0	0	%100
12	M12	Z	0	0	0	%100
13	M13	X	-1.361	-1.361	0	%100
14	M13	Z	2.357	2.357	0	%100
15	M14	X	-1.361	-1.361	0	%100
16	M14	Z	2.357	2.357	0	%100
17	M15	X	-1.361	-1.361	0	%100
18	M15	Z	2.357	2.357	0	%100
19	M16	X	-1.361	-1.361	0	%100
20	M16	Z	2.357	2.357	0	%100
21	M21	X	-.575	-.575	0	%100
22	M21	Z	.996	.996	0	%100
23	M22	X	-1.762	-1.762	0	%100
24	M22	Z	3.053	3.053	0	%100
25	M23	X	-.34	-.34	0	%100
26	M23	Z	.589	.589	0	%100
27	M24	X	-.34	-.34	0	%100
28	M24	Z	.589	.589	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,%]
29	M25	X	-.34	-.34	0	%100
30	M25	Z	.589	.589	0	%100
31	M26	X	-.34	-.34	0	%100
32	M26	Z	.589	.589	0	%100
33	M31	X	-1.273	-1.273	0	%100
34	M31	Z	2.205	2.205	0	%100
35	M41	X	0	0	0	%100
36	M41	Z	0	0	0	%100
37	M51	X	-1.273	-1.273	0	%100
38	M51	Z	2.205	2.205	0	%100
39	M65	X	-1.061	-1.061	0	%100
40	M65	Z	1.838	1.838	0	%100
41	M66	X	0	0	0	%100
42	M66	Z	0	0	0	%100
43	M67	X	-1.061	-1.061	0	%100
44	M67	Z	1.838	1.838	0	%100
45	M69A	X	-2.3	-2.3	0	%100
46	M69A	Z	3.983	3.983	0	%100
47	M70A	X	-.575	-.575	0	%100
48	M70A	Z	.996	.996	0	%100
49	M73	X	-1.268	-1.268	0	%100
50	M73	Z	2.196	2.196	0	%100
51	M74	X	-2.286	-2.286	0	%100
52	M74	Z	3.96	3.96	0	%100
53	M75	X	-1.268	-1.268	0	%100
54	M75	Z	2.196	2.196	0	%100
55	MP1A	X	-1.698	-1.698	0	%100
56	MP1A	Z	2.94	2.94	0	%100
57	MP1B	X	-1.698	-1.698	0	%100
58	MP1B	Z	2.94	2.94	0	%100
59	MP1C	X	-1.698	-1.698	0	%100
60	MP1C	Z	2.94	2.94	0	%100
61	MP2A	X	-1.698	-1.698	0	%100
62	MP2A	Z	2.94	2.94	0	%100
63	MP2B	X	-1.698	-1.698	0	%100
64	MP2B	Z	2.94	2.94	0	%100
65	MP2C	X	-1.698	-1.698	0	%100
66	MP2C	Z	2.94	2.94	0	%100
67	MP3A	X	-1.88	-1.88	0	%100
68	MP3A	Z	3.256	3.256	0	%100
69	MP3B	X	-1.88	-1.88	0	%100
70	MP3B	Z	3.256	3.256	0	%100
71	MP3C	X	-1.88	-1.88	0	%100
72	MP3C	Z	3.256	3.256	0	%100
73	MP4A	X	-1.698	-1.698	0	%100
74	MP4A	Z	2.94	2.94	0	%100
75	MP4B	X	-1.698	-1.698	0	%100
76	MP4B	Z	2.94	2.94	0	%100
77	MP4C	X	-1.698	-1.698	0	%100
78	MP4C	Z	2.94	2.94	0	%100
79	OVPB	X	-1.738	-1.738	0	%100
80	OVPB	Z	3.01	3.01	0	%100
81	OVPC	X	-1.738	-1.738	0	%100
82	OVPC	Z	3.01	3.01	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,%]

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,%]
1	M2	X	-1.018	-1.018	0	%100
2	M2	Z	.587	.587	0	%100
3	M3	X	-1.768	-1.768	0	%100
4	M3	Z	1.021	1.021	0	%100
5	M4	X	-1.768	-1.768	0	%100
6	M4	Z	1.021	1.021	0	%100
7	M5	X	-1.768	-1.768	0	%100
8	M5	Z	1.021	1.021	0	%100
9	M6	X	-1.768	-1.768	0	%100
10	M6	Z	1.021	1.021	0	%100
11	M12	X	-1.018	-1.018	0	%100
12	M12	Z	.587	.587	0	%100
13	M13	X	-1.768	-1.768	0	%100
14	M13	Z	1.021	1.021	0	%100
15	M14	X	-1.768	-1.768	0	%100
16	M14	Z	1.021	1.021	0	%100
17	M15	X	-1.768	-1.768	0	%100
18	M15	Z	1.021	1.021	0	%100
19	M16	X	-1.768	-1.768	0	%100
20	M16	Z	1.021	1.021	0	%100
21	M21	X	-2.987	-2.987	0	%100
22	M21	Z	1.725	1.725	0	%100
23	M22	X	-4.07	-4.07	0	%100
24	M22	Z	2.35	2.35	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	0	0	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	0	0	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	0	0	0	%100
31	M26	X	0	0	0	%100
32	M26	Z	0	0	0	%100
33	M31	X	-.735	-.735	0	%100
34	M31	Z	.424	.424	0	%100
35	M41	X	-.735	-.735	0	%100
36	M41	Z	.424	.424	0	%100
37	M51	X	-2.94	-2.94	0	%100
38	M51	Z	1.698	1.698	0	%100
39	M65	X	-2.451	-2.451	0	%100
40	M65	Z	1.415	1.415	0	%100
41	M66	X	-.613	-.613	0	%100
42	M66	Z	.354	.354	0	%100
43	M67	X	-.613	-.613	0	%100
44	M67	Z	.354	.354	0	%100
45	M69A	X	-2.987	-2.987	0	%100
46	M69A	Z	1.725	1.725	0	%100
47	M70A	X	0	0	0	%100
48	M70A	Z	0	0	0	%100
49	M73	X	-1.607	-1.607	0	%100
50	M73	Z	.928	.928	0	%100
51	M74	X	-3.372	-3.372	0	%100
52	M74	Z	1.947	1.947	0	%100
53	M75	X	-3.372	-3.372	0	%100
54	M75	Z	1.947	1.947	0	%100
55	MP1A	X	-2.94	-2.94	0	%100
56	MP1A	Z	1.698	1.698	0	%100
57	MP1B	X	-2.94	-2.94	0	%100

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,%]
58	MP1B	Z	1.698	1.698	0	%100
59	MP1C	X	-2.94	-2.94	0	%100
60	MP1C	Z	1.698	1.698	0	%100
61	MP2A	X	-2.94	-2.94	0	%100
62	MP2A	Z	1.698	1.698	0	%100
63	MP2B	X	-2.94	-2.94	0	%100
64	MP2B	Z	1.698	1.698	0	%100
65	MP2C	X	-2.94	-2.94	0	%100
66	MP2C	Z	1.698	1.698	0	%100
67	MP3A	X	-3.256	-3.256	0	%100
68	MP3A	Z	1.88	1.88	0	%100
69	MP3B	X	-3.256	-3.256	0	%100
70	MP3B	Z	1.88	1.88	0	%100
71	MP3C	X	-3.256	-3.256	0	%100
72	MP3C	Z	1.88	1.88	0	%100
73	MP4A	X	-2.94	-2.94	0	%100
74	MP4A	Z	1.698	1.698	0	%100
75	MP4B	X	-2.94	-2.94	0	%100
76	MP4B	Z	1.698	1.698	0	%100
77	MP4C	X	-2.94	-2.94	0	%100
78	MP4C	Z	1.698	1.698	0	%100
79	OVPB	X	-3.01	-3.01	0	%100
80	OVPB	Z	1.738	1.738	0	%100
81	OVPC	X	-3.01	-3.01	0	%100
82	OVPC	Z	1.738	1.738	0	%100

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	M2	X	0	0	0	%100
2	M2	Z	0	0	0	%100
3	M3	X	-2.722	-2.722	0	%100
4	M3	Z	0	0	0	%100
5	M4	X	-2.722	-2.722	0	%100
6	M4	Z	0	0	0	%100
7	M5	X	-2.722	-2.722	0	%100
8	M5	Z	0	0	0	%100
9	M6	X	-2.722	-2.722	0	%100
10	M6	Z	0	0	0	%100
11	M12	X	-3.525	-3.525	0	%100
12	M12	Z	0	0	0	%100
13	M13	X	-.68	-.68	0	%100
14	M13	Z	0	0	0	%100
15	M14	X	-.68	-.68	0	%100
16	M14	Z	0	0	0	%100
17	M15	X	-.68	-.68	0	%100
18	M15	Z	0	0	0	%100
19	M16	X	-.68	-.68	0	%100
20	M16	Z	0	0	0	%100
21	M21	X	-4.599	-4.599	0	%100
22	M21	Z	0	0	0	%100
23	M22	X	-3.525	-3.525	0	%100
24	M22	Z	0	0	0	%100
25	M23	X	-.68	-.68	0	%100
26	M23	Z	0	0	0	%100
27	M24	X	-.68	-.68	0	%100
28	M24	Z	0	0	0	%100

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,%]
29	M25	X	-.68	-.68	0	%100
30	M25	Z	0	0	0	%100
31	M26	X	-.68	-.68	0	%100
32	M26	Z	0	0	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	0	0	0	%100
35	M41	X	-2.546	-2.546	0	%100
36	M41	Z	0	0	0	%100
37	M51	X	-2.546	-2.546	0	%100
38	M51	Z	0	0	0	%100
39	M65	X	-2.123	-2.123	0	%100
40	M65	Z	0	0	0	%100
41	M66	X	-2.123	-2.123	0	%100
42	M66	Z	0	0	0	%100
43	M67	X	0	0	0	%100
44	M67	Z	0	0	0	%100
45	M69A	X	-1.15	-1.15	0	%100
46	M69A	Z	0	0	0	%100
47	M70A	X	-1.15	-1.15	0	%100
48	M70A	Z	0	0	0	%100
49	M73	X	-2.535	-2.535	0	%100
50	M73	Z	0	0	0	%100
51	M74	X	-2.535	-2.535	0	%100
52	M74	Z	0	0	0	%100
53	M75	X	-4.573	-4.573	0	%100
54	M75	Z	0	0	0	%100
55	MP1A	X	-3.395	-3.395	0	%100
56	MP1A	Z	0	0	0	%100
57	MP1B	X	-3.395	-3.395	0	%100
58	MP1B	Z	0	0	0	%100
59	MP1C	X	-3.395	-3.395	0	%100
60	MP1C	Z	0	0	0	%100
61	MP2A	X	-3.395	-3.395	0	%100
62	MP2A	Z	0	0	0	%100
63	MP2B	X	-3.395	-3.395	0	%100
64	MP2B	Z	0	0	0	%100
65	MP2C	X	-3.395	-3.395	0	%100
66	MP2C	Z	0	0	0	%100
67	MP3A	X	-3.759	-3.759	0	%100
68	MP3A	Z	0	0	0	%100
69	MP3B	X	-3.759	-3.759	0	%100
70	MP3B	Z	0	0	0	%100
71	MP3C	X	-3.759	-3.759	0	%100
72	MP3C	Z	0	0	0	%100
73	MP4A	X	-3.395	-3.395	0	%100
74	MP4A	Z	0	0	0	%100
75	MP4B	X	-3.395	-3.395	0	%100
76	MP4B	Z	0	0	0	%100
77	MP4C	X	-3.395	-3.395	0	%100
78	MP4C	Z	0	0	0	%100
79	OVPB	X	-3.475	-3.475	0	%100
80	OVPB	Z	0	0	0	%100
81	OVPC	X	-3.475	-3.475	0	%100
82	OVPC	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,%]

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,%]
1	M2	X	-1.018	-1.018	0	%100
2	M2	Z	-.587	-.587	0	%100
3	M3	X	-1.768	-1.768	0	%100
4	M3	Z	-1.021	-1.021	0	%100
5	M4	X	-1.768	-1.768	0	%100
6	M4	Z	-1.021	-1.021	0	%100
7	M5	X	-1.768	-1.768	0	%100
8	M5	Z	-1.021	-1.021	0	%100
9	M6	X	-1.768	-1.768	0	%100
10	M6	Z	-1.021	-1.021	0	%100
11	M12	X	-4.07	-4.07	0	%100
12	M12	Z	-2.35	-2.35	0	%100
13	M13	X	0	0	0	%100
14	M13	Z	0	0	0	%100
15	M14	X	0	0	0	%100
16	M14	Z	0	0	0	%100
17	M15	X	0	0	0	%100
18	M15	Z	0	0	0	%100
19	M16	X	0	0	0	%100
20	M16	Z	0	0	0	%100
21	M21	X	-2.987	-2.987	0	%100
22	M21	Z	-1.725	-1.725	0	%100
23	M22	X	-1.018	-1.018	0	%100
24	M22	Z	-.587	-.587	0	%100
25	M23	X	-1.768	-1.768	0	%100
26	M23	Z	-1.021	-1.021	0	%100
27	M24	X	-1.768	-1.768	0	%100
28	M24	Z	-1.021	-1.021	0	%100
29	M25	X	-1.768	-1.768	0	%100
30	M25	Z	-1.021	-1.021	0	%100
31	M26	X	-1.768	-1.768	0	%100
32	M26	Z	-1.021	-1.021	0	%100
33	M31	X	-.735	-.735	0	%100
34	M31	Z	-.424	-.424	0	%100
35	M41	X	-2.94	-2.94	0	%100
36	M41	Z	-1.698	-1.698	0	%100
37	M51	X	-.735	-.735	0	%100
38	M51	Z	-.424	-.424	0	%100
39	M65	X	-.613	-.613	0	%100
40	M65	Z	-.354	-.354	0	%100
41	M66	X	-2.451	-2.451	0	%100
42	M66	Z	-1.415	-1.415	0	%100
43	M67	X	-.613	-.613	0	%100
44	M67	Z	-.354	-.354	0	%100
45	M69A	X	0	0	0	%100
46	M69A	Z	0	0	0	%100
47	M70A	X	-2.987	-2.987	0	%100
48	M70A	Z	-1.725	-1.725	0	%100
49	M73	X	-3.372	-3.372	0	%100
50	M73	Z	-1.947	-1.947	0	%100
51	M74	X	-1.607	-1.607	0	%100
52	M74	Z	-.928	-.928	0	%100
53	M75	X	-3.372	-3.372	0	%100
54	M75	Z	-1.947	-1.947	0	%100
55	MP1A	X	-2.94	-2.94	0	%100
56	MP1A	Z	-1.698	-1.698	0	%100
57	MP1B	X	-2.94	-2.94	0	%100

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,%]
58	MP1B	Z	-1.698	-1.698	0	%100
59	MP1C	X	-2.94	-2.94	0	%100
60	MP1C	Z	-1.698	-1.698	0	%100
61	MP2A	X	-2.94	-2.94	0	%100
62	MP2A	Z	-1.698	-1.698	0	%100
63	MP2B	X	-2.94	-2.94	0	%100
64	MP2B	Z	-1.698	-1.698	0	%100
65	MP2C	X	-2.94	-2.94	0	%100
66	MP2C	Z	-1.698	-1.698	0	%100
67	MP3A	X	-3.256	-3.256	0	%100
68	MP3A	Z	-1.88	-1.88	0	%100
69	MP3B	X	-3.256	-3.256	0	%100
70	MP3B	Z	-1.88	-1.88	0	%100
71	MP3C	X	-3.256	-3.256	0	%100
72	MP3C	Z	-1.88	-1.88	0	%100
73	MP4A	X	-2.94	-2.94	0	%100
74	MP4A	Z	-1.698	-1.698	0	%100
75	MP4B	X	-2.94	-2.94	0	%100
76	MP4B	Z	-1.698	-1.698	0	%100
77	MP4C	X	-2.94	-2.94	0	%100
78	MP4C	Z	-1.698	-1.698	0	%100
79	OVPB	X	-3.01	-3.01	0	%100
80	OVPB	Z	-1.738	-1.738	0	%100
81	OVPC	X	-3.01	-3.01	0	%100
82	OVPC	Z	-1.738	-1.738	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	M2	X	-1.762	-1.762	0	%100
2	M2	Z	-3.053	-3.053	0	%100
3	M3	X	-.34	-.34	0	%100
4	M3	Z	-.589	-.589	0	%100
5	M4	X	-.34	-.34	0	%100
6	M4	Z	-.589	-.589	0	%100
7	M5	X	-.34	-.34	0	%100
8	M5	Z	-.589	-.589	0	%100
9	M6	X	-.34	-.34	0	%100
10	M6	Z	-.589	-.589	0	%100
11	M12	X	-1.762	-1.762	0	%100
12	M12	Z	-3.053	-3.053	0	%100
13	M13	X	-.34	-.34	0	%100
14	M13	Z	-.589	-.589	0	%100
15	M14	X	-.34	-.34	0	%100
16	M14	Z	-.589	-.589	0	%100
17	M15	X	-.34	-.34	0	%100
18	M15	Z	-.589	-.589	0	%100
19	M16	X	-.34	-.34	0	%100
20	M16	Z	-.589	-.589	0	%100
21	M21	X	-.575	-.575	0	%100
22	M21	Z	-.996	-.996	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	0	0	0	%100
25	M23	X	-1.361	-1.361	0	%100
26	M23	Z	-2.357	-2.357	0	%100
27	M24	X	-1.361	-1.361	0	%100
28	M24	Z	-2.357	-2.357	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,%]
29	M25	X	-1.361	-1.361	0	%100
30	M25	Z	-2.357	-2.357	0	%100
31	M26	X	-1.361	-1.361	0	%100
32	M26	Z	-2.357	-2.357	0	%100
33	M31	X	-1.273	-1.273	0	%100
34	M31	Z	-2.205	-2.205	0	%100
35	M41	X	-1.273	-1.273	0	%100
36	M41	Z	-2.205	-2.205	0	%100
37	M51	X	0	0	0	%100
38	M51	Z	0	0	0	%100
39	M65	X	0	0	0	%100
40	M65	Z	0	0	0	%100
41	M66	X	-1.061	-1.061	0	%100
42	M66	Z	-1.838	-1.838	0	%100
43	M67	X	-1.061	-1.061	0	%100
44	M67	Z	-1.838	-1.838	0	%100
45	M69A	X	-.575	-.575	0	%100
46	M69A	Z	-.996	-.996	0	%100
47	M70A	X	-2.3	-2.3	0	%100
48	M70A	Z	-3.983	-3.983	0	%100
49	M73	X	-2.286	-2.286	0	%100
50	M73	Z	-3.96	-3.96	0	%100
51	M74	X	-1.268	-1.268	0	%100
52	M74	Z	-2.196	-2.196	0	%100
53	M75	X	-1.268	-1.268	0	%100
54	M75	Z	-2.196	-2.196	0	%100
55	MP1A	X	-1.698	-1.698	0	%100
56	MP1A	Z	-2.94	-2.94	0	%100
57	MP1B	X	-1.698	-1.698	0	%100
58	MP1B	Z	-2.94	-2.94	0	%100
59	MP1C	X	-1.698	-1.698	0	%100
60	MP1C	Z	-2.94	-2.94	0	%100
61	MP2A	X	-1.698	-1.698	0	%100
62	MP2A	Z	-2.94	-2.94	0	%100
63	MP2B	X	-1.698	-1.698	0	%100
64	MP2B	Z	-2.94	-2.94	0	%100
65	MP2C	X	-1.698	-1.698	0	%100
66	MP2C	Z	-2.94	-2.94	0	%100
67	MP3A	X	-1.88	-1.88	0	%100
68	MP3A	Z	-3.256	-3.256	0	%100
69	MP3B	X	-1.88	-1.88	0	%100
70	MP3B	Z	-3.256	-3.256	0	%100
71	MP3C	X	-1.88	-1.88	0	%100
72	MP3C	Z	-3.256	-3.256	0	%100
73	MP4A	X	-1.698	-1.698	0	%100
74	MP4A	Z	-2.94	-2.94	0	%100
75	MP4B	X	-1.698	-1.698	0	%100
76	MP4B	Z	-2.94	-2.94	0	%100
77	MP4C	X	-1.698	-1.698	0	%100
78	MP4C	Z	-2.94	-2.94	0	%100
79	OVPB	X	-1.738	-1.738	0	%100
80	OVPB	Z	-3.01	-3.01	0	%100
81	OVPC	X	-1.738	-1.738	0	%100
82	OVPC	Z	-3.01	-3.01	0	%100

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,%]

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,%]
1	M2	X	0	0	0	%100
2	M2	Z	-1.092	-1.092	0	%100
3	M3	X	0	0	0	%100
4	M3	Z	0	0	0	%100
5	M4	X	0	0	0	%100
6	M4	Z	0	0	0	%100
7	M5	X	0	0	0	%100
8	M5	Z	0	0	0	%100
9	M6	X	0	0	0	%100
10	M6	Z	0	0	0	%100
11	M12	X	0	0	0	%100
12	M12	Z	-.273	-.273	0	%100
13	M13	X	0	0	0	%100
14	M13	Z	-.448	-.448	0	%100
15	M14	X	0	0	0	%100
16	M14	Z	-.448	-.448	0	%100
17	M15	X	0	0	0	%100
18	M15	Z	-.448	-.448	0	%100
19	M16	X	0	0	0	%100
20	M16	Z	-.448	-.448	0	%100
21	M21	X	0	0	0	%100
22	M21	Z	0	0	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	-.273	-.273	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	-.448	-.448	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	-.448	-.448	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	-.448	-.448	0	%100
31	M26	X	0	0	0	%100
32	M26	Z	-.448	-.448	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	-.623	-.623	0	%100
35	M41	X	0	0	0	%100
36	M41	Z	-.156	-.156	0	%100
37	M51	X	0	0	0	%100
38	M51	Z	-.156	-.156	0	%100
39	M65	X	0	0	0	%100
40	M65	Z	-.129	-.129	0	%100
41	M66	X	0	0	0	%100
42	M66	Z	-.129	-.129	0	%100
43	M67	X	0	0	0	%100
44	M67	Z	-.516	-.516	0	%100
45	M69A	X	0	0	0	%100
46	M69A	Z	-.792	-.792	0	%100
47	M70A	X	0	0	0	%100
48	M70A	Z	-.792	-.792	0	%100
49	M73	X	0	0	0	%100
50	M73	Z	-.912	-.912	0	%100
51	M74	X	0	0	0	%100
52	M74	Z	-.912	-.912	0	%100
53	M75	X	0	0	0	%100
54	M75	Z	-.501	-.501	0	%100
55	MP1A	X	0	0	0	%100
56	MP1A	Z	-.623	-.623	0	%100
57	MP1B	X	0	0	0	%100

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	MP1B	Z	-.623	-.623	0	%100
59	MP1C	X	0	0	0	%100
60	MP1C	Z	-.623	-.623	0	%100
61	MP2A	X	0	0	0	%100
62	MP2A	Z	-.623	-.623	0	%100
63	MP2B	X	0	0	0	%100
64	MP2B	Z	-.623	-.623	0	%100
65	MP2C	X	0	0	0	%100
66	MP2C	Z	-.623	-.623	0	%100
67	MP3A	X	0	0	0	%100
68	MP3A	Z	-.754	-.754	0	%100
69	MP3B	X	0	0	0	%100
70	MP3B	Z	-.754	-.754	0	%100
71	MP3C	X	0	0	0	%100
72	MP3C	Z	-.754	-.754	0	%100
73	MP4A	X	0	0	0	%100
74	MP4A	Z	-.623	-.623	0	%100
75	MP4B	X	0	0	0	%100
76	MP4B	Z	-.623	-.623	0	%100
77	MP4C	X	0	0	0	%100
78	MP4C	Z	-.623	-.623	0	%100
79	OVPB	X	0	0	0	%100
80	OVPB	Z	-.667	-.667	0	%100
81	OVPC	X	0	0	0	%100
82	OVPC	Z	-.667	-.667	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	M2	X	.41	.41	0	%100
2	M2	Z	-.709	-.709	0	%100
3	M3	X	.075	.075	0	%100
4	M3	Z	-.129	-.129	0	%100
5	M4	X	.075	.075	0	%100
6	M4	Z	-.129	-.129	0	%100
7	M5	X	.075	.075	0	%100
8	M5	Z	-.129	-.129	0	%100
9	M6	X	.075	.075	0	%100
10	M6	Z	-.129	-.129	0	%100
11	M12	X	0	0	0	%100
12	M12	Z	0	0	0	%100
13	M13	X	.299	.299	0	%100
14	M13	Z	-.517	-.517	0	%100
15	M14	X	.299	.299	0	%100
16	M14	Z	-.517	-.517	0	%100
17	M15	X	.299	.299	0	%100
18	M15	Z	-.517	-.517	0	%100
19	M16	X	.299	.299	0	%100
20	M16	Z	-.517	-.517	0	%100
21	M21	X	.132	.132	0	%100
22	M21	Z	-.229	-.229	0	%100
23	M22	X	.41	.41	0	%100
24	M22	Z	-.709	-.709	0	%100
25	M23	X	.075	.075	0	%100
26	M23	Z	-.129	-.129	0	%100
27	M24	X	.075	.075	0	%100
28	M24	Z	-.129	-.129	0	%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,%]
29	M25	X	.075	.075	0	%100
30	M25	Z	-.129	-.129	0	%100
31	M26	X	.075	.075	0	%100
32	M26	Z	-.129	-.129	0	%100
33	M31	X	.233	.233	0	%100
34	M31	Z	-.404	-.404	0	%100
35	M41	X	0	0	0	%100
36	M41	Z	0	0	0	%100
37	M51	X	.233	.233	0	%100
38	M51	Z	-.404	-.404	0	%100
39	M65	X	.193	.193	0	%100
40	M65	Z	-.335	-.335	0	%100
41	M66	X	0	0	0	%100
42	M66	Z	0	0	0	%100
43	M67	X	.193	.193	0	%100
44	M67	Z	-.335	-.335	0	%100
45	M69A	X	.528	.528	0	%100
46	M69A	Z	-.915	-.915	0	%100
47	M70A	X	.132	.132	0	%100
48	M70A	Z	-.229	-.229	0	%100
49	M73	X	.319	.319	0	%100
50	M73	Z	-.552	-.552	0	%100
51	M74	X	.525	.525	0	%100
52	M74	Z	-.909	-.909	0	%100
53	M75	X	.319	.319	0	%100
54	M75	Z	-.552	-.552	0	%100
55	MP1A	X	.311	.311	0	%100
56	MP1A	Z	-.539	-.539	0	%100
57	MP1B	X	.311	.311	0	%100
58	MP1B	Z	-.539	-.539	0	%100
59	MP1C	X	.311	.311	0	%100
60	MP1C	Z	-.539	-.539	0	%100
61	MP2A	X	.311	.311	0	%100
62	MP2A	Z	-.539	-.539	0	%100
63	MP2B	X	.311	.311	0	%100
64	MP2B	Z	-.539	-.539	0	%100
65	MP2C	X	.311	.311	0	%100
66	MP2C	Z	-.539	-.539	0	%100
67	MP3A	X	.377	.377	0	%100
68	MP3A	Z	-.653	-.653	0	%100
69	MP3B	X	.377	.377	0	%100
70	MP3B	Z	-.653	-.653	0	%100
71	MP3C	X	.377	.377	0	%100
72	MP3C	Z	-.653	-.653	0	%100
73	MP4A	X	.311	.311	0	%100
74	MP4A	Z	-.539	-.539	0	%100
75	MP4B	X	.311	.311	0	%100
76	MP4B	Z	-.539	-.539	0	%100
77	MP4C	X	.311	.311	0	%100
78	MP4C	Z	-.539	-.539	0	%100
79	OVPB	X	.333	.333	0	%100
80	OVPB	Z	-.578	-.578	0	%100
81	OVPC	X	.333	.333	0	%100
82	OVPC	Z	-.578	-.578	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,%]

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,%]
1	M2	X	.236	.236	0	%100
2	M2	Z	-.137	-.137	0	%100
3	M3	X	.388	.388	0	%100
4	M3	Z	-.224	-.224	0	%100
5	M4	X	.388	.388	0	%100
6	M4	Z	-.224	-.224	0	%100
7	M5	X	.388	.388	0	%100
8	M5	Z	-.224	-.224	0	%100
9	M6	X	.388	.388	0	%100
10	M6	Z	-.224	-.224	0	%100
11	M12	X	.236	.236	0	%100
12	M12	Z	-.137	-.137	0	%100
13	M13	X	.388	.388	0	%100
14	M13	Z	-.224	-.224	0	%100
15	M14	X	.388	.388	0	%100
16	M14	Z	-.224	-.224	0	%100
17	M15	X	.388	.388	0	%100
18	M15	Z	-.224	-.224	0	%100
19	M16	X	.388	.388	0	%100
20	M16	Z	-.224	-.224	0	%100
21	M21	X	.686	.686	0	%100
22	M21	Z	-.396	-.396	0	%100
23	M22	X	.946	.946	0	%100
24	M22	Z	-.546	-.546	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	0	0	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	0	0	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	0	0	0	%100
31	M26	X	0	0	0	%100
32	M26	Z	0	0	0	%100
33	M31	X	.135	.135	0	%100
34	M31	Z	-.078	-.078	0	%100
35	M41	X	.135	.135	0	%100
36	M41	Z	-.078	-.078	0	%100
37	M51	X	.539	.539	0	%100
38	M51	Z	-.311	-.311	0	%100
39	M65	X	.447	.447	0	%100
40	M65	Z	-.258	-.258	0	%100
41	M66	X	.112	.112	0	%100
42	M66	Z	-.064	-.064	0	%100
43	M67	X	.112	.112	0	%100
44	M67	Z	-.064	-.064	0	%100
45	M69A	X	.686	.686	0	%100
46	M69A	Z	-.396	-.396	0	%100
47	M70A	X	0	0	0	%100
48	M70A	Z	0	0	0	%100
49	M73	X	.433	.433	0	%100
50	M73	Z	-.25	-.25	0	%100
51	M74	X	.79	.79	0	%100
52	M74	Z	-.456	-.456	0	%100
53	M75	X	.79	.79	0	%100
54	M75	Z	-.456	-.456	0	%100
55	MP1A	X	.539	.539	0	%100
56	MP1A	Z	-.311	-.311	0	%100
57	MP1B	X	.539	.539	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,%]
58	MP1B	Z	-.311	-.311	0	%100
59	MP1C	X	.539	.539	0	%100
60	MP1C	Z	-.311	-.311	0	%100
61	MP2A	X	.539	.539	0	%100
62	MP2A	Z	-.311	-.311	0	%100
63	MP2B	X	.539	.539	0	%100
64	MP2B	Z	-.311	-.311	0	%100
65	MP2C	X	.539	.539	0	%100
66	MP2C	Z	-.311	-.311	0	%100
67	MP3A	X	.653	.653	0	%100
68	MP3A	Z	-.377	-.377	0	%100
69	MP3B	X	.653	.653	0	%100
70	MP3B	Z	-.377	-.377	0	%100
71	MP3C	X	.653	.653	0	%100
72	MP3C	Z	-.377	-.377	0	%100
73	MP4A	X	.539	.539	0	%100
74	MP4A	Z	-.311	-.311	0	%100
75	MP4B	X	.539	.539	0	%100
76	MP4B	Z	-.311	-.311	0	%100
77	MP4C	X	.539	.539	0	%100
78	MP4C	Z	-.311	-.311	0	%100
79	OVPB	X	.578	.578	0	%100
80	OVPB	Z	-.333	-.333	0	%100
81	OVPC	X	.578	.578	0	%100
82	OVPC	Z	-.333	-.333	0	%100

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	M2	X	0	0	0	%100
2	M2	Z	0	0	0	%100
3	M3	X	.597	.597	0	%100
4	M3	Z	0	0	0	%100
5	M4	X	.597	.597	0	%100
6	M4	Z	0	0	0	%100
7	M5	X	.597	.597	0	%100
8	M5	Z	0	0	0	%100
9	M6	X	.597	.597	0	%100
10	M6	Z	0	0	0	%100
11	M12	X	.819	.819	0	%100
12	M12	Z	0	0	0	%100
13	M13	X	.149	.149	0	%100
14	M13	Z	0	0	0	%100
15	M14	X	.149	.149	0	%100
16	M14	Z	0	0	0	%100
17	M15	X	.149	.149	0	%100
18	M15	Z	0	0	0	%100
19	M16	X	.149	.149	0	%100
20	M16	Z	0	0	0	%100
21	M21	X	1.056	1.056	0	%100
22	M21	Z	0	0	0	%100
23	M22	X	.819	.819	0	%100
24	M22	Z	0	0	0	%100
25	M23	X	.149	.149	0	%100
26	M23	Z	0	0	0	%100
27	M24	X	.149	.149	0	%100
28	M24	Z	0	0	0	%100

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,%]
29	M25	X	.149	.149	0	%100
30	M25	Z	0	0	0	%100
31	M26	X	.149	.149	0	%100
32	M26	Z	0	0	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	0	0	0	%100
35	M41	X	.467	.467	0	%100
36	M41	Z	0	0	0	%100
37	M51	X	.467	.467	0	%100
38	M51	Z	0	0	0	%100
39	M65	X	.387	.387	0	%100
40	M65	Z	0	0	0	%100
41	M66	X	.387	.387	0	%100
42	M66	Z	0	0	0	%100
43	M67	X	0	0	0	%100
44	M67	Z	0	0	0	%100
45	M69A	X	.264	.264	0	%100
46	M69A	Z	0	0	0	%100
47	M70A	X	.264	.264	0	%100
48	M70A	Z	0	0	0	%100
49	M73	X	.638	.638	0	%100
50	M73	Z	0	0	0	%100
51	M74	X	.638	.638	0	%100
52	M74	Z	0	0	0	%100
53	M75	X	1.049	1.049	0	%100
54	M75	Z	0	0	0	%100
55	MP1A	X	.623	.623	0	%100
56	MP1A	Z	0	0	0	%100
57	MP1B	X	.623	.623	0	%100
58	MP1B	Z	0	0	0	%100
59	MP1C	X	.623	.623	0	%100
60	MP1C	Z	0	0	0	%100
61	MP2A	X	.623	.623	0	%100
62	MP2A	Z	0	0	0	%100
63	MP2B	X	.623	.623	0	%100
64	MP2B	Z	0	0	0	%100
65	MP2C	X	.623	.623	0	%100
66	MP2C	Z	0	0	0	%100
67	MP3A	X	.754	.754	0	%100
68	MP3A	Z	0	0	0	%100
69	MP3B	X	.754	.754	0	%100
70	MP3B	Z	0	0	0	%100
71	MP3C	X	.754	.754	0	%100
72	MP3C	Z	0	0	0	%100
73	MP4A	X	.623	.623	0	%100
74	MP4A	Z	0	0	0	%100
75	MP4B	X	.623	.623	0	%100
76	MP4B	Z	0	0	0	%100
77	MP4C	X	.623	.623	0	%100
78	MP4C	Z	0	0	0	%100
79	OVPB	X	.667	.667	0	%100
80	OVPB	Z	0	0	0	%100
81	OVPC	X	.667	.667	0	%100
82	OVPC	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,%]

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,%]
1	M2	X	.236	.236	0	%100
2	M2	Z	.137	.137	0	%100
3	M3	X	.388	.388	0	%100
4	M3	Z	.224	.224	0	%100
5	M4	X	.388	.388	0	%100
6	M4	Z	.224	.224	0	%100
7	M5	X	.388	.388	0	%100
8	M5	Z	.224	.224	0	%100
9	M6	X	.388	.388	0	%100
10	M6	Z	.224	.224	0	%100
11	M12	X	.946	.946	0	%100
12	M12	Z	.546	.546	0	%100
13	M13	X	0	0	0	%100
14	M13	Z	0	0	0	%100
15	M14	X	0	0	0	%100
16	M14	Z	0	0	0	%100
17	M15	X	0	0	0	%100
18	M15	Z	0	0	0	%100
19	M16	X	0	0	0	%100
20	M16	Z	0	0	0	%100
21	M21	X	.686	.686	0	%100
22	M21	Z	.396	.396	0	%100
23	M22	X	.236	.236	0	%100
24	M22	Z	.137	.137	0	%100
25	M23	X	.388	.388	0	%100
26	M23	Z	.224	.224	0	%100
27	M24	X	.388	.388	0	%100
28	M24	Z	.224	.224	0	%100
29	M25	X	.388	.388	0	%100
30	M25	Z	.224	.224	0	%100
31	M26	X	.388	.388	0	%100
32	M26	Z	.224	.224	0	%100
33	M31	X	.135	.135	0	%100
34	M31	Z	.078	.078	0	%100
35	M41	X	.539	.539	0	%100
36	M41	Z	.311	.311	0	%100
37	M51	X	.135	.135	0	%100
38	M51	Z	.078	.078	0	%100
39	M65	X	.112	.112	0	%100
40	M65	Z	.064	.064	0	%100
41	M66	X	.447	.447	0	%100
42	M66	Z	.258	.258	0	%100
43	M67	X	.112	.112	0	%100
44	M67	Z	.064	.064	0	%100
45	M69A	X	0	0	0	%100
46	M69A	Z	0	0	0	%100
47	M70A	X	.686	.686	0	%100
48	M70A	Z	.396	.396	0	%100
49	M73	X	.79	.79	0	%100
50	M73	Z	.456	.456	0	%100
51	M74	X	.433	.433	0	%100
52	M74	Z	.25	.25	0	%100
53	M75	X	.79	.79	0	%100
54	M75	Z	.456	.456	0	%100
55	MP1A	X	.539	.539	0	%100
56	MP1A	Z	.311	.311	0	%100
57	MP1B	X	.539	.539	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,%]
58	MP1B	Z	.311	.311	0	%100
59	MP1C	X	.539	.539	0	%100
60	MP1C	Z	.311	.311	0	%100
61	MP2A	X	.539	.539	0	%100
62	MP2A	Z	.311	.311	0	%100
63	MP2B	X	.539	.539	0	%100
64	MP2B	Z	.311	.311	0	%100
65	MP2C	X	.539	.539	0	%100
66	MP2C	Z	.311	.311	0	%100
67	MP3A	X	.653	.653	0	%100
68	MP3A	Z	.377	.377	0	%100
69	MP3B	X	.653	.653	0	%100
70	MP3B	Z	.377	.377	0	%100
71	MP3C	X	.653	.653	0	%100
72	MP3C	Z	.377	.377	0	%100
73	MP4A	X	.539	.539	0	%100
74	MP4A	Z	.311	.311	0	%100
75	MP4B	X	.539	.539	0	%100
76	MP4B	Z	.311	.311	0	%100
77	MP4C	X	.539	.539	0	%100
78	MP4C	Z	.311	.311	0	%100
79	OVPB	X	.578	.578	0	%100
80	OVPB	Z	.333	.333	0	%100
81	OVPC	X	.578	.578	0	%100
82	OVPC	Z	.333	.333	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	M2	X	.41	.41	0	%100
2	M2	Z	.709	.709	0	%100
3	M3	X	.075	.075	0	%100
4	M3	Z	.129	.129	0	%100
5	M4	X	.075	.075	0	%100
6	M4	Z	.129	.129	0	%100
7	M5	X	.075	.075	0	%100
8	M5	Z	.129	.129	0	%100
9	M6	X	.075	.075	0	%100
10	M6	Z	.129	.129	0	%100
11	M12	X	.41	.41	0	%100
12	M12	Z	.709	.709	0	%100
13	M13	X	.075	.075	0	%100
14	M13	Z	.129	.129	0	%100
15	M14	X	.075	.075	0	%100
16	M14	Z	.129	.129	0	%100
17	M15	X	.075	.075	0	%100
18	M15	Z	.129	.129	0	%100
19	M16	X	.075	.075	0	%100
20	M16	Z	.129	.129	0	%100
21	M21	X	.132	.132	0	%100
22	M21	Z	.229	.229	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	0	0	0	%100
25	M23	X	.299	.299	0	%100
26	M23	Z	.517	.517	0	%100
27	M24	X	.299	.299	0	%100
28	M24	Z	.517	.517	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,%]
29	M25	X	.299	.299	0	%100
30	M25	Z	.517	.517	0	%100
31	M26	X	.299	.299	0	%100
32	M26	Z	.517	.517	0	%100
33	M31	X	.233	.233	0	%100
34	M31	Z	.404	.404	0	%100
35	M41	X	.233	.233	0	%100
36	M41	Z	.404	.404	0	%100
37	M51	X	0	0	0	%100
38	M51	Z	0	0	0	%100
39	M65	X	0	0	0	%100
40	M65	Z	0	0	0	%100
41	M66	X	.193	.193	0	%100
42	M66	Z	.335	.335	0	%100
43	M67	X	.193	.193	0	%100
44	M67	Z	.335	.335	0	%100
45	M69A	X	.132	.132	0	%100
46	M69A	Z	.229	.229	0	%100
47	M70A	X	.528	.528	0	%100
48	M70A	Z	.915	.915	0	%100
49	M73	X	.525	.525	0	%100
50	M73	Z	.909	.909	0	%100
51	M74	X	.319	.319	0	%100
52	M74	Z	.552	.552	0	%100
53	M75	X	.319	.319	0	%100
54	M75	Z	.552	.552	0	%100
55	MP1A	X	.311	.311	0	%100
56	MP1A	Z	.539	.539	0	%100
57	MP1B	X	.311	.311	0	%100
58	MP1B	Z	.539	.539	0	%100
59	MP1C	X	.311	.311	0	%100
60	MP1C	Z	.539	.539	0	%100
61	MP2A	X	.311	.311	0	%100
62	MP2A	Z	.539	.539	0	%100
63	MP2B	X	.311	.311	0	%100
64	MP2B	Z	.539	.539	0	%100
65	MP2C	X	.311	.311	0	%100
66	MP2C	Z	.539	.539	0	%100
67	MP3A	X	.377	.377	0	%100
68	MP3A	Z	.653	.653	0	%100
69	MP3B	X	.377	.377	0	%100
70	MP3B	Z	.653	.653	0	%100
71	MP3C	X	.377	.377	0	%100
72	MP3C	Z	.653	.653	0	%100
73	MP4A	X	.311	.311	0	%100
74	MP4A	Z	.539	.539	0	%100
75	MP4B	X	.311	.311	0	%100
76	MP4B	Z	.539	.539	0	%100
77	MP4C	X	.311	.311	0	%100
78	MP4C	Z	.539	.539	0	%100
79	OVPB	X	.333	.333	0	%100
80	OVPB	Z	.578	.578	0	%100
81	OVPC	X	.333	.333	0	%100
82	OVPC	Z	.578	.578	0	%100

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,%]

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,%]
1	M2	X	0	0	0	%100
2	M2	Z	1.092	1.092	0	%100
3	M3	X	0	0	0	%100
4	M3	Z	0	0	0	%100
5	M4	X	0	0	0	%100
6	M4	Z	0	0	0	%100
7	M5	X	0	0	0	%100
8	M5	Z	0	0	0	%100
9	M6	X	0	0	0	%100
10	M6	Z	0	0	0	%100
11	M12	X	0	0	0	%100
12	M12	Z	.273	.273	0	%100
13	M13	X	0	0	0	%100
14	M13	Z	.448	.448	0	%100
15	M14	X	0	0	0	%100
16	M14	Z	.448	.448	0	%100
17	M15	X	0	0	0	%100
18	M15	Z	.448	.448	0	%100
19	M16	X	0	0	0	%100
20	M16	Z	.448	.448	0	%100
21	M21	X	0	0	0	%100
22	M21	Z	0	0	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	.273	.273	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	.448	.448	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	.448	.448	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	.448	.448	0	%100
31	M26	X	0	0	0	%100
32	M26	Z	.448	.448	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	.623	.623	0	%100
35	M41	X	0	0	0	%100
36	M41	Z	.156	.156	0	%100
37	M51	X	0	0	0	%100
38	M51	Z	.156	.156	0	%100
39	M65	X	0	0	0	%100
40	M65	Z	.129	.129	0	%100
41	M66	X	0	0	0	%100
42	M66	Z	.129	.129	0	%100
43	M67	X	0	0	0	%100
44	M67	Z	.516	.516	0	%100
45	M69A	X	0	0	0	%100
46	M69A	Z	.792	.792	0	%100
47	M70A	X	0	0	0	%100
48	M70A	Z	.792	.792	0	%100
49	M73	X	0	0	0	%100
50	M73	Z	.912	.912	0	%100
51	M74	X	0	0	0	%100
52	M74	Z	.912	.912	0	%100
53	M75	X	0	0	0	%100
54	M75	Z	.501	.501	0	%100
55	MP1A	X	0	0	0	%100
56	MP1A	Z	.623	.623	0	%100
57	MP1B	X	0	0	0	%100

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	MP1B	Z	.623	.623	0	%100
59	MP1C	X	0	0	0	%100
60	MP1C	Z	.623	.623	0	%100
61	MP2A	X	0	0	0	%100
62	MP2A	Z	.623	.623	0	%100
63	MP2B	X	0	0	0	%100
64	MP2B	Z	.623	.623	0	%100
65	MP2C	X	0	0	0	%100
66	MP2C	Z	.623	.623	0	%100
67	MP3A	X	0	0	0	%100
68	MP3A	Z	.754	.754	0	%100
69	MP3B	X	0	0	0	%100
70	MP3B	Z	.754	.754	0	%100
71	MP3C	X	0	0	0	%100
72	MP3C	Z	.754	.754	0	%100
73	MP4A	X	0	0	0	%100
74	MP4A	Z	.623	.623	0	%100
75	MP4B	X	0	0	0	%100
76	MP4B	Z	.623	.623	0	%100
77	MP4C	X	0	0	0	%100
78	MP4C	Z	.623	.623	0	%100
79	OVPB	X	0	0	0	%100
80	OVPB	Z	.667	.667	0	%100
81	OVPC	X	0	0	0	%100
82	OVPC	Z	.667	.667	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	M2	X	-.41	-.41	0	%100
2	M2	Z	.709	.709	0	%100
3	M3	X	-.075	-.075	0	%100
4	M3	Z	.129	.129	0	%100
5	M4	X	-.075	-.075	0	%100
6	M4	Z	.129	.129	0	%100
7	M5	X	-.075	-.075	0	%100
8	M5	Z	.129	.129	0	%100
9	M6	X	-.075	-.075	0	%100
10	M6	Z	.129	.129	0	%100
11	M12	X	0	0	0	%100
12	M12	Z	0	0	0	%100
13	M13	X	-.299	-.299	0	%100
14	M13	Z	.517	.517	0	%100
15	M14	X	-.299	-.299	0	%100
16	M14	Z	.517	.517	0	%100
17	M15	X	-.299	-.299	0	%100
18	M15	Z	.517	.517	0	%100
19	M16	X	-.299	-.299	0	%100
20	M16	Z	.517	.517	0	%100
21	M21	X	-.132	-.132	0	%100
22	M21	Z	.229	.229	0	%100
23	M22	X	-.41	-.41	0	%100
24	M22	Z	.709	.709	0	%100
25	M23	X	-.075	-.075	0	%100
26	M23	Z	.129	.129	0	%100
27	M24	X	-.075	-.075	0	%100
28	M24	Z	.129	.129	0	%100

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,%]
29	M25	X	-.075	-.075	0	%100
30	M25	Z	.129	.129	0	%100
31	M26	X	-.075	-.075	0	%100
32	M26	Z	.129	.129	0	%100
33	M31	X	-.233	-.233	0	%100
34	M31	Z	.404	.404	0	%100
35	M41	X	0	0	0	%100
36	M41	Z	0	0	0	%100
37	M51	X	-.233	-.233	0	%100
38	M51	Z	.404	.404	0	%100
39	M65	X	-.193	-.193	0	%100
40	M65	Z	.335	.335	0	%100
41	M66	X	0	0	0	%100
42	M66	Z	0	0	0	%100
43	M67	X	-.193	-.193	0	%100
44	M67	Z	.335	.335	0	%100
45	M69A	X	-.528	-.528	0	%100
46	M69A	Z	.915	.915	0	%100
47	M70A	X	-.132	-.132	0	%100
48	M70A	Z	.229	.229	0	%100
49	M73	X	-.319	-.319	0	%100
50	M73	Z	.552	.552	0	%100
51	M74	X	-.525	-.525	0	%100
52	M74	Z	.909	.909	0	%100
53	M75	X	-.319	-.319	0	%100
54	M75	Z	.552	.552	0	%100
55	MP1A	X	-.311	-.311	0	%100
56	MP1A	Z	.539	.539	0	%100
57	MP1B	X	-.311	-.311	0	%100
58	MP1B	Z	.539	.539	0	%100
59	MP1C	X	-.311	-.311	0	%100
60	MP1C	Z	.539	.539	0	%100
61	MP2A	X	-.311	-.311	0	%100
62	MP2A	Z	.539	.539	0	%100
63	MP2B	X	-.311	-.311	0	%100
64	MP2B	Z	.539	.539	0	%100
65	MP2C	X	-.311	-.311	0	%100
66	MP2C	Z	.539	.539	0	%100
67	MP3A	X	-.377	-.377	0	%100
68	MP3A	Z	.653	.653	0	%100
69	MP3B	X	-.377	-.377	0	%100
70	MP3B	Z	.653	.653	0	%100
71	MP3C	X	-.377	-.377	0	%100
72	MP3C	Z	.653	.653	0	%100
73	MP4A	X	-.311	-.311	0	%100
74	MP4A	Z	.539	.539	0	%100
75	MP4B	X	-.311	-.311	0	%100
76	MP4B	Z	.539	.539	0	%100
77	MP4C	X	-.311	-.311	0	%100
78	MP4C	Z	.539	.539	0	%100
79	OVPB	X	-.333	-.333	0	%100
80	OVPB	Z	.578	.578	0	%100
81	OVPC	X	-.333	-.333	0	%100
82	OVPC	Z	.578	.578	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,%]

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,%]
1	M2	X	-.236	-.236	0	%100
2	M2	Z	.137	.137	0	%100
3	M3	X	-.388	-.388	0	%100
4	M3	Z	.224	.224	0	%100
5	M4	X	-.388	-.388	0	%100
6	M4	Z	.224	.224	0	%100
7	M5	X	-.388	-.388	0	%100
8	M5	Z	.224	.224	0	%100
9	M6	X	-.388	-.388	0	%100
10	M6	Z	.224	.224	0	%100
11	M12	X	-.236	-.236	0	%100
12	M12	Z	.137	.137	0	%100
13	M13	X	-.388	-.388	0	%100
14	M13	Z	.224	.224	0	%100
15	M14	X	-.388	-.388	0	%100
16	M14	Z	.224	.224	0	%100
17	M15	X	-.388	-.388	0	%100
18	M15	Z	.224	.224	0	%100
19	M16	X	-.388	-.388	0	%100
20	M16	Z	.224	.224	0	%100
21	M21	X	-.686	-.686	0	%100
22	M21	Z	.396	.396	0	%100
23	M22	X	-.946	-.946	0	%100
24	M22	Z	.546	.546	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	0	0	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	0	0	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	0	0	0	%100
31	M26	X	0	0	0	%100
32	M26	Z	0	0	0	%100
33	M31	X	-.135	-.135	0	%100
34	M31	Z	.078	.078	0	%100
35	M41	X	-.135	-.135	0	%100
36	M41	Z	.078	.078	0	%100
37	M51	X	-.539	-.539	0	%100
38	M51	Z	.311	.311	0	%100
39	M65	X	-.447	-.447	0	%100
40	M65	Z	.258	.258	0	%100
41	M66	X	-.112	-.112	0	%100
42	M66	Z	.064	.064	0	%100
43	M67	X	-.112	-.112	0	%100
44	M67	Z	.064	.064	0	%100
45	M69A	X	-.686	-.686	0	%100
46	M69A	Z	.396	.396	0	%100
47	M70A	X	0	0	0	%100
48	M70A	Z	0	0	0	%100
49	M73	X	-.433	-.433	0	%100
50	M73	Z	.25	.25	0	%100
51	M74	X	-.79	-.79	0	%100
52	M74	Z	.456	.456	0	%100
53	M75	X	-.79	-.79	0	%100
54	M75	Z	.456	.456	0	%100
55	MP1A	X	-.539	-.539	0	%100
56	MP1A	Z	.311	.311	0	%100
57	MP1B	X	-.539	-.539	0	%100

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,%]
58	MP1B	Z	.311	.311	0	%100
59	MP1C	X	-.539	-.539	0	%100
60	MP1C	Z	.311	.311	0	%100
61	MP2A	X	-.539	-.539	0	%100
62	MP2A	Z	.311	.311	0	%100
63	MP2B	X	-.539	-.539	0	%100
64	MP2B	Z	.311	.311	0	%100
65	MP2C	X	-.539	-.539	0	%100
66	MP2C	Z	.311	.311	0	%100
67	MP3A	X	-.653	-.653	0	%100
68	MP3A	Z	.377	.377	0	%100
69	MP3B	X	-.653	-.653	0	%100
70	MP3B	Z	.377	.377	0	%100
71	MP3C	X	-.653	-.653	0	%100
72	MP3C	Z	.377	.377	0	%100
73	MP4A	X	-.539	-.539	0	%100
74	MP4A	Z	.311	.311	0	%100
75	MP4B	X	-.539	-.539	0	%100
76	MP4B	Z	.311	.311	0	%100
77	MP4C	X	-.539	-.539	0	%100
78	MP4C	Z	.311	.311	0	%100
79	OVPB	X	-.578	-.578	0	%100
80	OVPB	Z	.333	.333	0	%100
81	OVPC	X	-.578	-.578	0	%100
82	OVPC	Z	.333	.333	0	%100

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	M2	X	0	0	0	%100
2	M2	Z	0	0	0	%100
3	M3	X	-.597	-.597	0	%100
4	M3	Z	0	0	0	%100
5	M4	X	-.597	-.597	0	%100
6	M4	Z	0	0	0	%100
7	M5	X	-.597	-.597	0	%100
8	M5	Z	0	0	0	%100
9	M6	X	-.597	-.597	0	%100
10	M6	Z	0	0	0	%100
11	M12	X	-.819	-.819	0	%100
12	M12	Z	0	0	0	%100
13	M13	X	-.149	-.149	0	%100
14	M13	Z	0	0	0	%100
15	M14	X	-.149	-.149	0	%100
16	M14	Z	0	0	0	%100
17	M15	X	-.149	-.149	0	%100
18	M15	Z	0	0	0	%100
19	M16	X	-.149	-.149	0	%100
20	M16	Z	0	0	0	%100
21	M21	X	-1.056	-1.056	0	%100
22	M21	Z	0	0	0	%100
23	M22	X	-.819	-.819	0	%100
24	M22	Z	0	0	0	%100
25	M23	X	-.149	-.149	0	%100
26	M23	Z	0	0	0	%100
27	M24	X	-.149	-.149	0	%100
28	M24	Z	0	0	0	%100

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,%]
29	M25	X	-.149	-.149	0	%100
30	M25	Z	0	0	0	%100
31	M26	X	-.149	-.149	0	%100
32	M26	Z	0	0	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	0	0	0	%100
35	M41	X	-.467	-.467	0	%100
36	M41	Z	0	0	0	%100
37	M51	X	-.467	-.467	0	%100
38	M51	Z	0	0	0	%100
39	M65	X	-.387	-.387	0	%100
40	M65	Z	0	0	0	%100
41	M66	X	-.387	-.387	0	%100
42	M66	Z	0	0	0	%100
43	M67	X	0	0	0	%100
44	M67	Z	0	0	0	%100
45	M69A	X	-.264	-.264	0	%100
46	M69A	Z	0	0	0	%100
47	M70A	X	-.264	-.264	0	%100
48	M70A	Z	0	0	0	%100
49	M73	X	-.638	-.638	0	%100
50	M73	Z	0	0	0	%100
51	M74	X	-.638	-.638	0	%100
52	M74	Z	0	0	0	%100
53	M75	X	-1.049	-1.049	0	%100
54	M75	Z	0	0	0	%100
55	MP1A	X	-.623	-.623	0	%100
56	MP1A	Z	0	0	0	%100
57	MP1B	X	-.623	-.623	0	%100
58	MP1B	Z	0	0	0	%100
59	MP1C	X	-.623	-.623	0	%100
60	MP1C	Z	0	0	0	%100
61	MP2A	X	-.623	-.623	0	%100
62	MP2A	Z	0	0	0	%100
63	MP2B	X	-.623	-.623	0	%100
64	MP2B	Z	0	0	0	%100
65	MP2C	X	-.623	-.623	0	%100
66	MP2C	Z	0	0	0	%100
67	MP3A	X	-.754	-.754	0	%100
68	MP3A	Z	0	0	0	%100
69	MP3B	X	-.754	-.754	0	%100
70	MP3B	Z	0	0	0	%100
71	MP3C	X	-.754	-.754	0	%100
72	MP3C	Z	0	0	0	%100
73	MP4A	X	-.623	-.623	0	%100
74	MP4A	Z	0	0	0	%100
75	MP4B	X	-.623	-.623	0	%100
76	MP4B	Z	0	0	0	%100
77	MP4C	X	-.623	-.623	0	%100
78	MP4C	Z	0	0	0	%100
79	OVPB	X	-.667	-.667	0	%100
80	OVPB	Z	0	0	0	%100
81	OVPC	X	-.667	-.667	0	%100
82	OVPC	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,%]

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,%]
1	M2	X	-.236	-.236	0	%100
2	M2	Z	-.137	-.137	0	%100
3	M3	X	-.388	-.388	0	%100
4	M3	Z	-.224	-.224	0	%100
5	M4	X	-.388	-.388	0	%100
6	M4	Z	-.224	-.224	0	%100
7	M5	X	-.388	-.388	0	%100
8	M5	Z	-.224	-.224	0	%100
9	M6	X	-.388	-.388	0	%100
10	M6	Z	-.224	-.224	0	%100
11	M12	X	-.946	-.946	0	%100
12	M12	Z	-.546	-.546	0	%100
13	M13	X	0	0	0	%100
14	M13	Z	0	0	0	%100
15	M14	X	0	0	0	%100
16	M14	Z	0	0	0	%100
17	M15	X	0	0	0	%100
18	M15	Z	0	0	0	%100
19	M16	X	0	0	0	%100
20	M16	Z	0	0	0	%100
21	M21	X	-.686	-.686	0	%100
22	M21	Z	-.396	-.396	0	%100
23	M22	X	-.236	-.236	0	%100
24	M22	Z	-.137	-.137	0	%100
25	M23	X	-.388	-.388	0	%100
26	M23	Z	-.224	-.224	0	%100
27	M24	X	-.388	-.388	0	%100
28	M24	Z	-.224	-.224	0	%100
29	M25	X	-.388	-.388	0	%100
30	M25	Z	-.224	-.224	0	%100
31	M26	X	-.388	-.388	0	%100
32	M26	Z	-.224	-.224	0	%100
33	M31	X	-.135	-.135	0	%100
34	M31	Z	-.078	-.078	0	%100
35	M41	X	-.539	-.539	0	%100
36	M41	Z	-.311	-.311	0	%100
37	M51	X	-.135	-.135	0	%100
38	M51	Z	-.078	-.078	0	%100
39	M65	X	-.112	-.112	0	%100
40	M65	Z	-.064	-.064	0	%100
41	M66	X	-.447	-.447	0	%100
42	M66	Z	-.258	-.258	0	%100
43	M67	X	-.112	-.112	0	%100
44	M67	Z	-.064	-.064	0	%100
45	M69A	X	0	0	0	%100
46	M69A	Z	0	0	0	%100
47	M70A	X	-.686	-.686	0	%100
48	M70A	Z	-.396	-.396	0	%100
49	M73	X	-.79	-.79	0	%100
50	M73	Z	-.456	-.456	0	%100
51	M74	X	-.433	-.433	0	%100
52	M74	Z	-.25	-.25	0	%100
53	M75	X	-.79	-.79	0	%100
54	M75	Z	-.456	-.456	0	%100
55	MP1A	X	-.539	-.539	0	%100
56	MP1A	Z	-.311	-.311	0	%100
57	MP1B	X	-.539	-.539	0	%100

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,%]
58	MP1B	Z	-.311	-.311	0	%100
59	MP1C	X	-.539	-.539	0	%100
60	MP1C	Z	-.311	-.311	0	%100
61	MP2A	X	-.539	-.539	0	%100
62	MP2A	Z	-.311	-.311	0	%100
63	MP2B	X	-.539	-.539	0	%100
64	MP2B	Z	-.311	-.311	0	%100
65	MP2C	X	-.539	-.539	0	%100
66	MP2C	Z	-.311	-.311	0	%100
67	MP3A	X	-.653	-.653	0	%100
68	MP3A	Z	-.377	-.377	0	%100
69	MP3B	X	-.653	-.653	0	%100
70	MP3B	Z	-.377	-.377	0	%100
71	MP3C	X	-.653	-.653	0	%100
72	MP3C	Z	-.377	-.377	0	%100
73	MP4A	X	-.539	-.539	0	%100
74	MP4A	Z	-.311	-.311	0	%100
75	MP4B	X	-.539	-.539	0	%100
76	MP4B	Z	-.311	-.311	0	%100
77	MP4C	X	-.539	-.539	0	%100
78	MP4C	Z	-.311	-.311	0	%100
79	OVPB	X	-.578	-.578	0	%100
80	OVPB	Z	-.333	-.333	0	%100
81	OVPC	X	-.578	-.578	0	%100
82	OVPC	Z	-.333	-.333	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	M2	X	-.41	-.41	0	%100
2	M2	Z	-.709	-.709	0	%100
3	M3	X	-.075	-.075	0	%100
4	M3	Z	-.129	-.129	0	%100
5	M4	X	-.075	-.075	0	%100
6	M4	Z	-.129	-.129	0	%100
7	M5	X	-.075	-.075	0	%100
8	M5	Z	-.129	-.129	0	%100
9	M6	X	-.075	-.075	0	%100
10	M6	Z	-.129	-.129	0	%100
11	M12	X	-.41	-.41	0	%100
12	M12	Z	-.709	-.709	0	%100
13	M13	X	-.075	-.075	0	%100
14	M13	Z	-.129	-.129	0	%100
15	M14	X	-.075	-.075	0	%100
16	M14	Z	-.129	-.129	0	%100
17	M15	X	-.075	-.075	0	%100
18	M15	Z	-.129	-.129	0	%100
19	M16	X	-.075	-.075	0	%100
20	M16	Z	-.129	-.129	0	%100
21	M21	X	-.132	-.132	0	%100
22	M21	Z	-.229	-.229	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	0	0	0	%100
25	M23	X	-.299	-.299	0	%100
26	M23	Z	-.517	-.517	0	%100
27	M24	X	-.299	-.299	0	%100
28	M24	Z	-.517	-.517	0	%100

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,%]
29	M25	X	-.299	-.299	0	%100
30	M25	Z	-.517	-.517	0	%100
31	M26	X	-.299	-.299	0	%100
32	M26	Z	-.517	-.517	0	%100
33	M31	X	-.233	-.233	0	%100
34	M31	Z	-.404	-.404	0	%100
35	M41	X	-.233	-.233	0	%100
36	M41	Z	-.404	-.404	0	%100
37	M51	X	0	0	0	%100
38	M51	Z	0	0	0	%100
39	M65	X	0	0	0	%100
40	M65	Z	0	0	0	%100
41	M66	X	-.193	-.193	0	%100
42	M66	Z	-.335	-.335	0	%100
43	M67	X	-.193	-.193	0	%100
44	M67	Z	-.335	-.335	0	%100
45	M69A	X	-.132	-.132	0	%100
46	M69A	Z	-.229	-.229	0	%100
47	M70A	X	-.528	-.528	0	%100
48	M70A	Z	-.915	-.915	0	%100
49	M73	X	-.525	-.525	0	%100
50	M73	Z	-.909	-.909	0	%100
51	M74	X	-.319	-.319	0	%100
52	M74	Z	-.552	-.552	0	%100
53	M75	X	-.319	-.319	0	%100
54	M75	Z	-.552	-.552	0	%100
55	MP1A	X	-.311	-.311	0	%100
56	MP1A	Z	-.539	-.539	0	%100
57	MP1B	X	-.311	-.311	0	%100
58	MP1B	Z	-.539	-.539	0	%100
59	MP1C	X	-.311	-.311	0	%100
60	MP1C	Z	-.539	-.539	0	%100
61	MP2A	X	-.311	-.311	0	%100
62	MP2A	Z	-.539	-.539	0	%100
63	MP2B	X	-.311	-.311	0	%100
64	MP2B	Z	-.539	-.539	0	%100
65	MP2C	X	-.311	-.311	0	%100
66	MP2C	Z	-.539	-.539	0	%100
67	MP3A	X	-.377	-.377	0	%100
68	MP3A	Z	-.653	-.653	0	%100
69	MP3B	X	-.377	-.377	0	%100
70	MP3B	Z	-.653	-.653	0	%100
71	MP3C	X	-.377	-.377	0	%100
72	MP3C	Z	-.653	-.653	0	%100
73	MP4A	X	-.311	-.311	0	%100
74	MP4A	Z	-.539	-.539	0	%100
75	MP4B	X	-.311	-.311	0	%100
76	MP4B	Z	-.539	-.539	0	%100
77	MP4C	X	-.311	-.311	0	%100
78	MP4C	Z	-.539	-.539	0	%100
79	OVPB	X	-.333	-.333	0	%100
80	OVPB	Z	-.578	-.578	0	%100
81	OVPC	X	-.333	-.333	0	%100
82	OVPC	Z	-.578	-.578	0	%100

Member Distributed Loads (BLC 87 : BLC 39 Transient Area Loads)

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]

Member Distributed Loads (BLC 87 : BLC 39 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,%]
1	M2	Y	-4.074	-5.519	0	2.301
2	M2	Y	-5.519	-5.226	2.301	4.603
3	M2	Y	-5.226	-4.211	4.603	6.904
4	M2	Y	-4.211	-5.219	6.904	9.205
5	M2	Y	-5.219	-4.714	9.205	11.507
6	M2	Y	-4.714	-1.688	11.507	13.808
7	M3	Y	-12.157	-5.519	0	1.042
8	M4	Y	-13.339	-13.339	2.054e-15	1.042
9	M5	Y	-13.339	-13.339	1.277e-15	1.042
10	M6	Y	-4.309	-13.339	0	1.042
11	M70A	Y	-3.446	-3.446	3.718	4.73
12	M22	Y	-4.074	-5.519	0	2.301
13	M22	Y	-5.519	-5.226	2.301	4.603
14	M22	Y	-5.226	-4.211	4.603	6.904
15	M22	Y	-4.211	-5.219	6.904	9.205
16	M22	Y	-5.219	-4.714	9.205	11.507
17	M22	Y	-4.714	-1.688	11.507	13.808
18	M23	Y	-12.157	-5.519	0	1.042
19	M24	Y	-13.339	-13.339	0	1.042
20	M25	Y	-13.339	-13.339	0	1.042
21	M26	Y	-4.309	-13.339	0	1.042
22	M69A	Y	-3.446	-3.446	3.718	4.73
23	M12	Y	-4.074	-5.519	0	2.301
24	M12	Y	-5.519	-5.226	2.301	4.603
25	M12	Y	-5.226	-4.211	4.603	6.904
26	M12	Y	-4.211	-5.219	6.904	9.205
27	M12	Y	-5.219	-4.714	9.205	11.507
28	M12	Y	-4.714	-1.688	11.507	13.808
29	M13	Y	-12.157	-5.519	0	1.042
30	M14	Y	-13.339	-13.339	0	1.042
31	M15	Y	-13.339	-13.339	6.599e-13	1.042
32	M16	Y	-4.309	-13.339	0	1.042
33	M21	Y	-3.446	-3.446	3.718	4.73

Member Distributed Loads (BLC 88 : BLC 40 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M2	Y	-6.519	-8.83	0	2.301
2	M2	Y	-8.83	-8.362	2.301	4.603
3	M2	Y	-8.362	-6.738	4.603	6.904
4	M2	Y	-6.738	-8.351	6.904	9.205
5	M2	Y	-8.351	-7.543	9.205	11.507
6	M2	Y	-7.543	-2.701	11.507	13.808
7	M3	Y	-19.451	-8.83	0	1.042
8	M4	Y	-21.342	-21.342	2.054e-15	1.042
9	M5	Y	-21.343	-21.343	1.277e-15	1.042
10	M6	Y	-6.894	-21.343	0	1.042
11	M70A	Y	-5.513	-5.513	3.718	4.73
12	M22	Y	-6.519	-8.83	0	2.301
13	M22	Y	-8.83	-8.362	2.301	4.603
14	M22	Y	-8.362	-6.738	4.603	6.904
15	M22	Y	-6.738	-8.351	6.904	9.205
16	M22	Y	-8.351	-7.543	9.205	11.507
17	M22	Y	-7.543	-2.701	11.507	13.808
18	M23	Y	-19.451	-8.83	0	1.042
19	M24	Y	-21.342	-21.342	0	1.042
20	M25	Y	-21.343	-21.343	0	1.042

Member Distributed Loads (BLC 88 : 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,%]
21	M26	Y	-6.894	-21.343	0	1.042
22	M69A	Y	-5.513	-5.513	3.718	4.73
23	M12	Y	-6.519	-8.83	0	2.301
24	M12	Y	-8.83	-8.362	2.301	4.603
25	M12	Y	-8.362	-6.738	4.603	6.904
26	M12	Y	-6.738	-8.351	6.904	9.205
27	M12	Y	-8.351	-7.543	9.205	11.507
28	M12	Y	-7.543	-2.701	11.507	13.808
29	M13	Y	-19.451	-8.83	0	1.042
30	M14	Y	-21.342	-21.342	0	1.042
31	M15	Y	-21.343	-21.343	6.599e-13	1.042
32	M16	Y	-6.894	-21.343	0	1.042
33	M21	Y	-5.513	-5.513	3.718	4.73

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N4	N11	N5	N3	Y	Two Way	-.01
2	N3	N53	N47	N25	Y	Two Way	-.01
3	N25	N32	N26	N4	Y	Two Way	-.01

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N4	N11	N5	N3	Y	Two Way	-.016
2	N3	N53	N47	N25	Y	Two Way	-.016
3	N25	N32	N26	N4	Y	Two Way	-.016

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N43	m...	890.309	10	121.944	7	5292.678	1	-.071	69	1.779	4	.816	4
2		min	-890.468	4	-309.204	1	-2429.587	7	-.18	13	-1.782	10	-.811	10
3	N130	m...	1970.399	11	35.314	11	1075.817	11	.606	3	1.671	8	.203	1
4		min	-4444.5...	5	-371.302	17	-2504.442	5	-.39	9	-1.675	2	-.362	7
5	N133A	m...	4564.128	9	121.965	3	1259.494	3	.733	12	1.802	12	.476	6
6		min	-2082.5...	3	-359.751	45	-2692.354	9	-.65	6	-1.806	6	-.327	12
7	N138B	m...	34.629	10	2906.148	13	-949.117	7	0	75	0	12	0	6
8		min	-34.709	4	599.393	7	-4586.162	13	0	1	0	6	0	12
9	N139	m...	3958.452	17	2896.579	17	2285.422	17	0	4	0	4	0	4
10		min	845.345	11	616.248	11	488	11	0	10	0	10	0	10
11	N140	m...	-821.038	3	2909.205	21	2295.555	21	0	2	0	8	0	8
12		min	-3975.9...	21	598.733	3	474.046	3	0	8	0	2	0	2
13	Totals:	m...	4987.204	10	7497.547	15	4929.689	1						
14		min	-4987.2...	4	2853.663	73	-4929.687	7						

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

	Member	Shape	Code Che...	Loc[ft]	LC	Shear Che...	Loc[ft]	Dir	LC	phi*...	phi*...	phi*...	phi*...	...	Eqn
1	MP2C	PIPE_2.0	.351	5.031	11	.093	3.354		1	1785..	32130	1.872	1.872	...	H1-...
2	MP2A	PIPE_2.0	.351	5.031	3	.093	3.354		5	1785..	32130	1.872	1.872	...	H1-...
3	MP2B	PIPE_2.0	.351	5.031	7	.093	3.354		9	1785..	32130	1.872	1.872	...	H1-...
4	MP4B	PIPE_2.0	.307	5.031	11	.081	5.031		7	1785..	32130	1.872	1.872	...	H1-...
5	MP4A	PIPE_2.0	.306	5.031	7	.081	5.031		3	1785..	32130	1.872	1.872	...	H1-...
6	MP4C	PIPE_2.0	.306	5.031	3	.081	5.031		11	1785..	32130	1.872	1.872	...	H1-...
7	MP1A	PIPE_2.0	.268	5.031	3	.045	3.063		3	1785..	32130	1.872	1.872	...	H1-...

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

	Member	Shape	Code Che...	Loc[ft]	LC	Shear Che...	Loc[ft]	Dir	LC	phi*...	phi*...	phi*...	phi*...	...	Eqn
8	MP1C	PIPE_2.0	.268	5.031	11	.044	3.063		11	1785..	32130	1.872	1.872	...	H1-...
9	MP1B	PIPE_2.0	.268	5.031	7	.044	3.063		7	1785..	32130	1.872	1.872	...	H1-...
10	MP3C	PIPE_2.5	.266	5.031	8	.117	1.75		12	3396..	50715	3.596	3.596	...	H1-...
11	MP3A	PIPE_2.5	.266	5.031	12	.117	1.75		4	3396..	50715	3.596	3.596	...	H1-...
12	MP3B	PIPE_2.5	.266	5.031	4	.116	1.75		8	3396..	50715	3.596	3.596	...	H1-...
13	M69A	HSS4X4X4	.246	6.116	20	.080	4.051	y	3	1093..	1395..	16.1...	16.1...	...	H1-...
14	M21	HSS4X4X4	.246	6.116	16	.083	0	z	4	1093..	1395..	16.1...	16.1...	...	H1-...
15	M70A	HSS4X4X4	.245	6.116	24	.081	0	z	6	1093..	1395..	16.1...	16.1...	...	H1-...
16	M41	PIPE_2.0	.224	9.167	12	.098	11.029		6	5202..	32130	1.872	1.872	...	H1-...
17	M51	PIPE_2.0	.224	9.167	4	.098	11.029		10	5202..	32130	1.872	1.872	...	H1-...
18	M31	PIPE_2.0	.224	9.167	8	.098	5.299		5	5202..	32130	1.872	1.872	...	H1-...
19	M12	HSS4X4X4	.192	13.808	5	.092	13.808	z	11	6281..	1395..	16.1...	16.1...	...	H1-...
20	M2	HSS4X4X4	.191	13.808	1	.092	13.808	z	7	6281..	1395..	16.1...	16.1...	...	H1-...
21	M22	HSS4X4X4	.191	13.808	9	.092	13.808	z	3	6281..	1395..	16.1...	16.1...	...	H1-...
22	M73	LL2.5x2.5x3/1...	.128	0	21	.005	4.717	z	7	4230..	58482	4.246	2.614	1	H1-...
23	M75	LL2.5x2.5x3/1...	.128	0	13	.005	0	z	11	4230..	58482	4.246	2.614	1	H1-...
24	M74	LL2.5x2.5x3/1...	.128	0	17	.004	4.717	z	3	4230..	58482	4.246	2.614	1	H1-...
25	OVPC	PIPE_2.5	.090	3	4	.043	3		7	4297..	50715	3.596	3.596	...	H1-...
26	OVPB	PIPE_2.5	.090	3	11	.043	3		2	4297..	50715	3.596	3.596	...	H1-...
27	M5	L2x2x4	.038	1.042	22	.005	1.042	z	23	2895..	3058..	.691	1.577	...	H2-1
28	M25	L2x2x4	.038	1.042	18	.005	1.042	z	24	2895..	3058..	.691	1.577	...	H2-1
29	M15	L2x2x4	.038	1.042	14	.005	1.042	z	23	2895..	3058..	.691	1.577	...	H2-1
30	M4	L2x2x4	.038	1.042	16	.005	1.042	y	22	2895..	3058..	.691	1.577	...	H2-1
31	M24	L2x2x4	.038	1.042	24	.005	1.042	y	24	2895..	3058..	.691	1.577	...	H2-1
32	M14	L2x2x4	.038	1.042	20	.005	1.042	y	23	2895..	3058..	.691	1.577	...	H2-1
33	M3	L2x2x4	.031	1.042	16	.004	1.042	y	17	2895..	3058..	.691	1.577	...	H2-1
34	M23	L2x2x4	.031	1.042	24	.004	1.042	y	13	2895..	3058..	.691	1.577	...	H2-1
35	M13	L2x2x4	.031	1.042	20	.004	1.042	y	21	2895..	3058..	.691	1.577	...	H2-1
36	M6	L2x2x4	.025	1.042	22	.004	1.042	z	15	2895..	3058..	.691	1.577	...	H2-1
37	M26	L2x2x4	.025	1.042	18	.004	1.042	z	23	2895..	3058..	.691	1.577	...	H2-1
38	M16	L2x2x4	.025	1.042	14	.004	1.042	z	19	2895..	3058..	.691	1.577	...	H2-1
39	M66	PIPE_2.0	.011	3.112	10	.129	0		2	2860..	32130	1.872	1.872	...	H1-...
40	M67	PIPE_2.0	.011	0	6	.129	0		10	2860..	32130	1.872	1.872	...	H1-...
41	M65	PIPE_2.0	.011	0	2	.129	0		6	2860..	32130	1.872	1.872	...	H1-...

TIA-222-H CONNECTION CHECK
Mount to Tower Connection - Typ. All Sectors
2021740.467333.01

Bolt Information		
Bolt Diameter (d)	0.75	in
Net Tensile Area (An)	0.334	in^2
# of Bolts Total (n)	4	
Bolt Distance Up-Down	8	in
Bolt Distance Left-Right	3	in
Bolt Grade	A325N	
Bolt Tensile Strength (F_{ub})	120	ksi

Flange Information		
Height (h)	10	in
Width (w)	6	in
Thickness (t)	0.5	in
Steel Grade	A36	
Plate Yield Strength (Fy)	36	ksi
Support Arm Height	4	in
Support Arm Width	4	in

RISA 3D Reactions		
Moment (M)	1.81	k-ft
Axial (T)	1.54	kips
Shear (V)	0.88	kips

Bolt Capacity		
Nominal Tensile Strength (R_{nt})	40.135	kips
Nominal Shear Strength (R_{nv})	26.51	kips
Bolt Tensile Force (T_{ub})	4.00	kips
Bolt Shear Force (V_{ub})	0.220	kips
$T_{ub}/\phi R_{nt}$	0.13279	
$V_{ub}/\phi R_{nv}$	0.01105	
$(V_{ub}/\phi R_{nv})^2+(T_{ub}/\phi R_{nt})^2$	0.01775	
Bolt Capacity =	13.3%	OK

Plate Capacity		
Bolt Circle (D_{BC})	8.544	in
Effective Width (B_{eff})	8.54	in
Flexural Moment (M_u)	11.99	k-in
Flexural Strength ($ØM_n$)	17.30	k-in
Plate Capacity=	69.3%	OK

Weld Capacity		
Fillet (leg) =	0.250	in
Throat (eff) =	0.18	in
Fexx =	70.00	ksi
ø =	0.75	
øRn =	5.57	kips/in
Weld Capacity=	24.1%	OK

TIA-222-H CONNECTION CHECK
Mount Kickers to Tower Connection - Typ. All Sectors
2021740.467333.01

Bolt Information		
Bolt Diameter (d)	0.625	in
Net Tensile Area (An)	0.226	in^2
# of Bolts Total (n)	4	
Bolt Distance Up-Down	6	in
Bolt Distance Left-Right	6	in
Bolt Grade	A325N	
Bolt Tensile Strength (F_{ub})	120	ksi

RISA 3D Reactions		
Moment (M)	0.00	k-ft
Axial (T)	-4.59	kips
Shear (V)	2.91	kips

Bolt Capacity		
Nominal Tensile Strength (R_{nt})	27.120	kips
Nominal Shear Strength (R_{nv})	18.41	kips
Bolt Tensile Force (T_{ub})	-1.15	kips
Bolt Shear Force (V_{ub})	0.727	kips
$T_{ub}/\phi R_{nt}$	-0.05643	
$V_{ub}/\phi R_{nv}$	0.05268	
$(V_{ub}/\phi R_{nv})^2+(T_{ub}/\phi R_{nt})^2$	0.00596	
Bolt Capacity =	5.3%	OK

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

Passing Mount Analysis requires a PMI due to a modification in loading.

Electronic pdf version of this can be downloaded at https://pmi.vzwsmart.com.

For additional questions and support, please reach out to pmisupport@colliersengineering.com

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Purpose – to provide SMART Tool structural vendor the proper documentation in order to complete the required Mount Desktop review of the Post Modification Inspection Report.

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

Base Requirements:

- If installation will cause damage to the structure, the climbing facility, or safety climb if present or any installed system, SMART Tool vendor to be notified prior to install. Any special photos outside of the standard requirements will be indicated on the drawings.
- Provide "as built mount drawings" showing contractor's name, contact information, preparer's signature, and date. Any deviations from the drawings (Proposed modification) shall be shown. NOTE: If loading is different than what is conveyed in the passing mount analysis (MA) contact the SMART Tool vendor immediately.
- Each photo should be time and date stamped
- Photos should be high resolution.
- Contractor shall ensure that the safety climb wire rope is supported and not adversely impacted by the install of the modification components. This may involve the install of wire rope guides, or other items to protect the wire rope. If there is conflict, contact the SMART Tool engineer for recommendations.
- The PMI can be accessed at the following portal: ***https://pmi.vzwsmart.com***

Photo Requirements:

- *Photos taken at ground level*
  - Photo of Gate Signs showing the tower owner, site name, and number.
  - Overall tower structure after installation.
  - Photos of the mount after installation; if the mounts are at different rad elevations, pictures must be provided for all elevations that equipment was installed.
- *Photos taken at Mount Elevation*
  - Photos showing the safety climb wire rope above and below the mount prior to installation.
  - Photos showing the climbing facility and safety climb if present.

- Photos showing each individual sector after installation. Each entire sector shall be in one photo to show the interconnection of members.
  - These photos shall also certify that the placement and geometry of the equipment on the mount is as depicted in the antenna placement diagram in this form.
- Photos that show the model number of each antenna and piece of equipment installed per sector.

Antenna & equipment placement and Geometry Confirmation:

- The contractor shall certify that the antenna & equipment placement and geometry is in accordance with the sketch and table as included in the mount analysis and noted below.

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

Issue:

1. CONTRACTOR TO INSTALL SAFETY CLIMB CABLE GUIDE (SITE PRO 1, PART #: 115-352 OR EOR APPROVED EQUIVALENT) IN LOCATIONS WHERE WIRE ROPE IS RUBBING AGAINST MOUNT TO TOWER ATTACHMENTS. CONTRACTOR TO PROVIDED PHOTOS OF SAFETY CLIMB CABLE GUIDE INSTALLATION.

Response:

Contractor certifies that the climbing facility / safety climb was not damaged or obstructed prior to starting work:

☐ Yes ☐ No

Contractor certifies no new damage/obstructions created during the current installation:

☐ Yes ☐ No

Contractor to certify the condition of the safety climb and verify no obstructions when leaving the site:

☐ Safety climb in good condition with no obstructions ☐ Safety Climb Damaged
☐ Safety Climb Obstructed

Comments:

☐ All hardware has been properly installed, and the existing hardware was inspected.

☐ The material utilized was as specified on the SMART Tool engineering vendor Mount Modification Drawings and included in the material certification folder is a packing list or invoice for these materials.

OR

☐ The material utilized was approved by a SMART Tool as an "equivalent" and this approval is included as part of the contractor submission.

Antenna & equipment placement and Geometry Confirmation:

☐ The contractor certifies that the photos support and the equipment on the mount is as depicted on the sketch and table included in this form and with the mount analysis provided.

OR

☐ The contractor notes that the equipment on the mount is not in accordance with the sketch and has noted the differences below and provided photo documentation of any alterations.

Special Instruction Confirmation:

☐ The contractor has read and acknowledges the above special instructions.

Certifying Individual:

Company:	
Employee Name:	
Contact Phone:	
Email:	
Date:	

Structure: 467333-VZW - CRANBURY CT

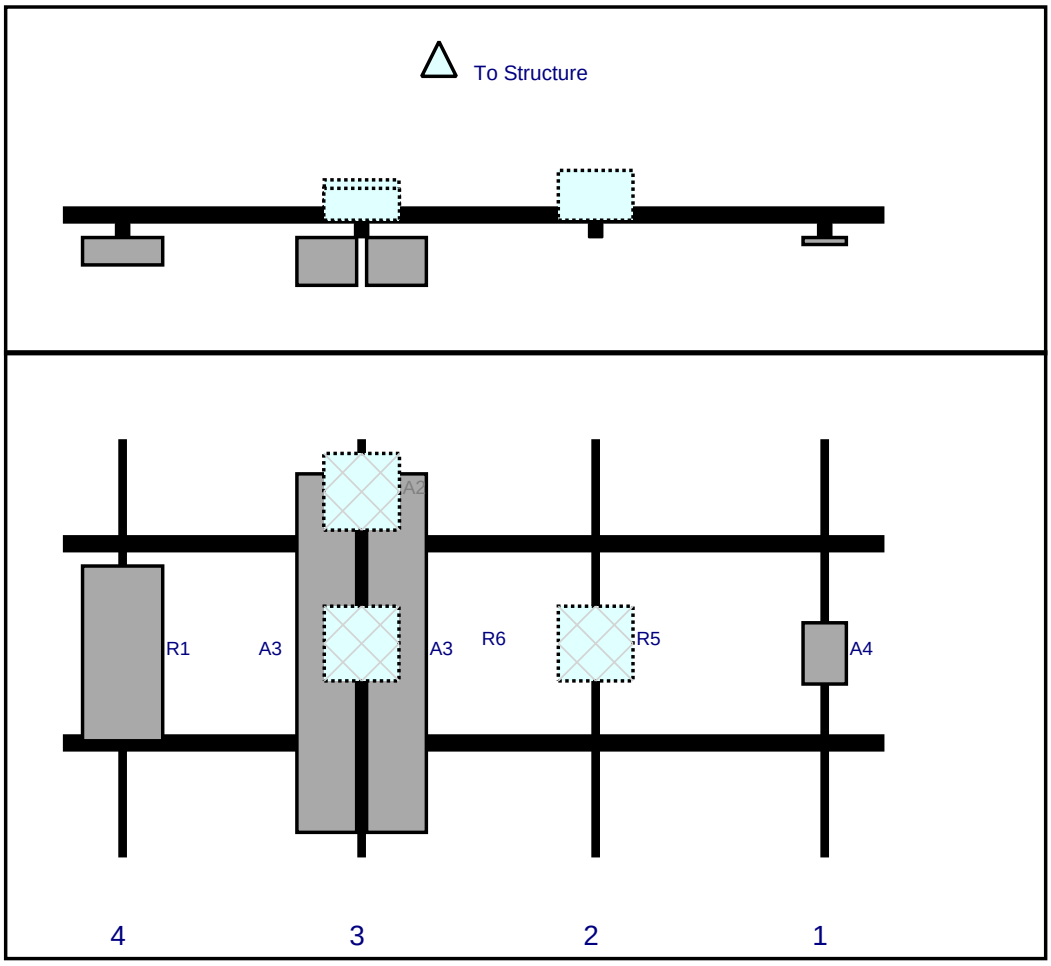
Sector: **A** 10/21/2021

Structure Type: Monopole 10058886

Mount Elev: 126.50 Page: 1

Plan View

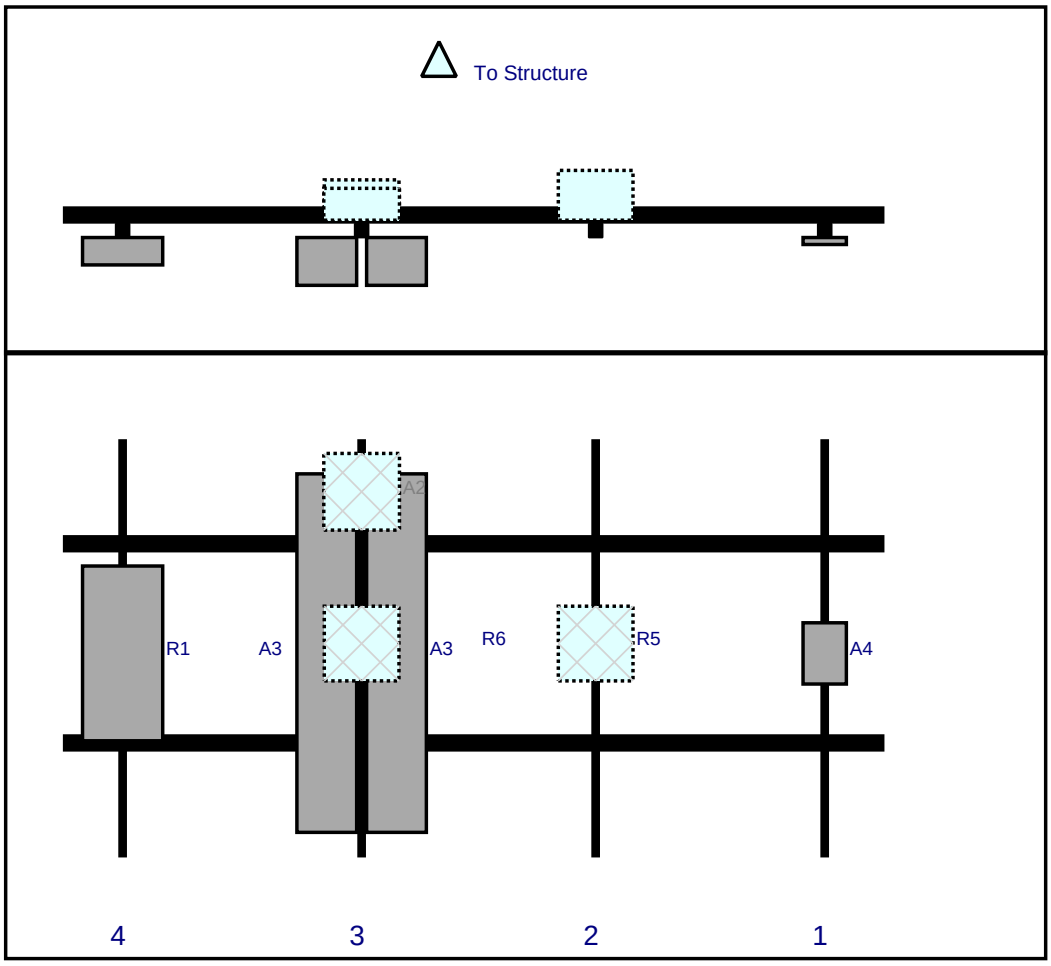
Front View
Looking at Structure



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
A4	XXDWMM-12.5-65-8T-CBRS	12.3	8.7	153	1	a	Front	43.02	0	Retained	10/07/2021
R5	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	107	2	b	Behind	41.04	0	Retained	10/07/2021
A3	QS6656-5D	72	12	60	3	a	Front	42.96	7	Retained	10/07/2021
A3	QS6656-5D	72	12	60	3	b	Front	42.96	-7	Retained	10/07/2021
A2	TD-850B-LTE78-43	15.4	15.2	60	3	a	Behind	10.56	0	Added	
R6	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	60	3	c	Behind	41.04	0	Retained	10/07/2021
R1	MT6407-77A	35.1	16.1	12	4	a	Front	43.02	0	Added	

Plan View

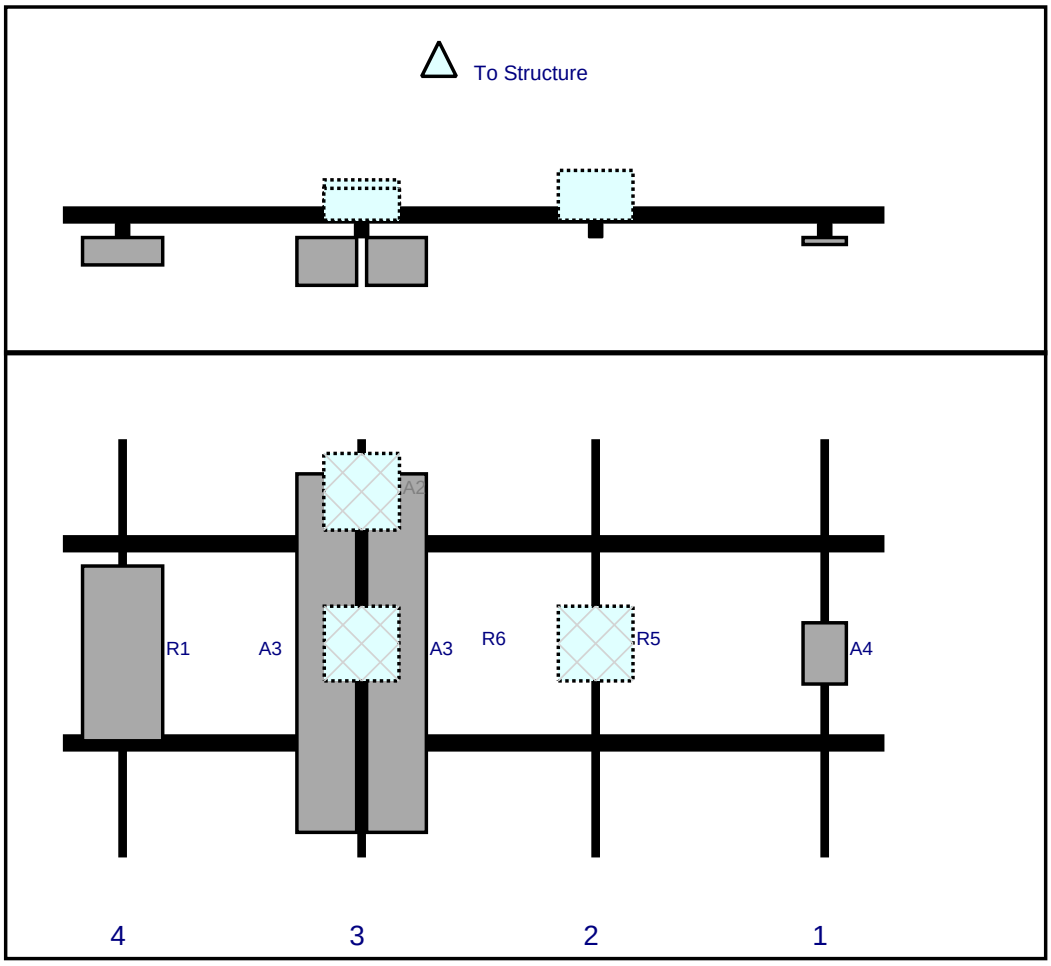
Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A4	XXDWMM-12.5-65-8T-CBRS	12.3	8.7	153	1	a	Front	43.02	0	Retained	10/07/2021
R5	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	107	2	b	Behind	41.04	0	Retained	10/07/2021
A3	QS6656-5D	72	12	60	3	a	Front	42.96	7	Retained	10/07/2021
A3	QS6656-5D	72	12	60	3	b	Front	42.96	-7	Retained	10/07/2021
A2	TD-850B-LTE78-43	15.4	15.2	60	3	a	Behind	10.56	0	Added	
R6	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	60	3	c	Behind	41.04	0	Retained	10/07/2021
R1	MT6407-77A	35.1	16.1	12	4	a	Front	43.02	0	Added	

Plan View

Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A4	XXDWMM-12.5-65-8T-CBRS	12.3	8.7	153	1	a	Front	43.02	0	Retained	10/07/2021
R5	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	107	2	b	Behind	41.04	0	Retained	10/07/2021
A3	QS6656-5D	72	12	60	3	a	Front	42.96	7	Retained	10/07/2021
A3	QS6656-5D	72	12	60	3	b	Front	42.96	-7	Retained	10/07/2021
A2	TD-850B-LTE78-43	15.4	15.2	60	3	a	Behind	10.56	0	Added	
R6	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	60	3	c	Behind	41.04	0	Retained	10/07/2021
R1	MT6407-77A	35.1	16.1	12	4	a	Front	43.02	0	Added	

GPD Engineering and Architecture
Professional Corporation

October 21, 2021
2021740.467333.01

Subject	TIA-222-H Usage
Site Information	Site ID: 467333-VZW / CRANBURY CT Site Name: CRANBURY CT Carrier Name: Verizon Wireless Address: 2 Sunny Lane Westport, Connecticut 06880 Fairfield County Latitude: 41.162917° Longitude: -73.373083°
Structure Information	Tower Type: 129-Ft Monopole Mount Type: 13.75-Ft Platform

To Whom It May Concern,

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

The 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: ***CRANBURY CT***

Cumulative Power Density

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissible Exposure*	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm^2)	(mW/cm^2)	(%)
VZW 700	751	4	589	2354	128	0.0052	0.5007	1.03%
VZW CDMA	877.26	2	306	612	128	0.0013	0.5848	0.23%
VZW Cellular	874	4	831	3326	128	0.0073	0.5827	1.25%
VZW PCS	1980	4	2137	8548	128	0.0188	1.0000	1.88%
VZW AWS	2120	4	2398	9591	128	0.0211	1.0000	2.11%
VZW CBRS	3625	4	14	55	128	0.0001	1.0000	0.01%
VZW CBAND	3730.08	4	6531	26125	128	0.0573	1.0000	5.73%
Total Percentage of Maximum Permissible Exposure								12.24%

*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

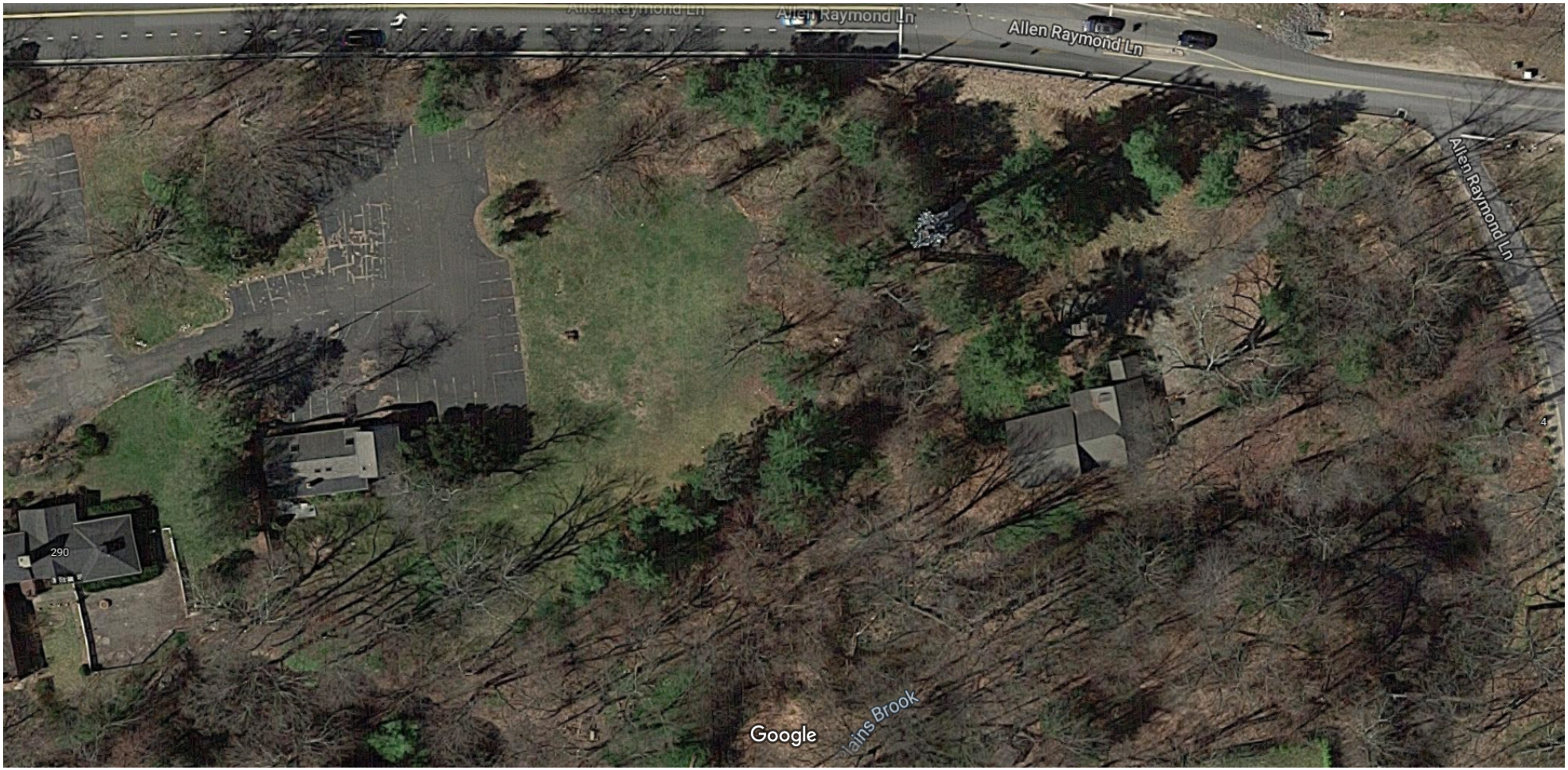
MHz = Megahertz

mW/cm^2 = milliwatts per square centimeter

ERP = Effective Radiated Power

Absolute worst case maximum values used.

2 Allen Raymond Ln



2 Allen Raymond Ln

2 ALLEN RAYMOND LN

Location	2 ALLEN RAYMOND LN	**Mblu**	B13/ / 026/000 /
Acct#	8579	**Owner**	CELLCO PARTNERSHIP
Assessment	$1,333,220	**Appraisal**	$1,904,600
PID	4500	**Building Count**	1

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2020	$1,424,000	$480,600	$1,904,600
Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2020	$996,820	$336,400	$1,333,220

Owner of Record

Owner	CELLCO PARTNERSHIP
Co-Owner	BELL ATLANTIC NYNEX MOBILE DBA
Address	PO BOX 2549 ADDISON , TX 75001

Sale Price	$415,000
Certificate	1
Book & Page	1488/0099
Sale Date	12/10/1996
Instrument	00

Ownership History

Ownership History					
Owner	**Sale Price**	**Certificate**	**Book & Page**	**Instrument**	**Sale Date**
CELLCO PARTNERSHIP	$415,000	1	1488/0099	00	12/10/1996

Building Information

Building 1 : Section 1

Year Built:	1968
Living Area:	3,006
Replacement Cost:	$508,423
Building Percent Good:	76
Replacement Cost Less Depreciation:	$386,400

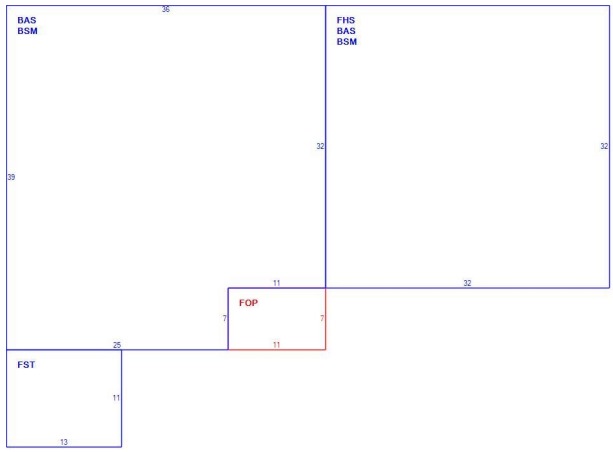
Building Attributes

Field	Description
Style	Res Typ Comm
Model	Commercial
Grade	Average +20
Stories:	1
Occupancy	1.00
Exterior Wall 1	Board & Batten
Exterior Wall 2	
Roof Structure	Gable
Roof Cover	Asphalt/F Glas
Interior Wall 1	Drywall
Interior Wall 2	
Interior Floor 1	Vinyl/Asphalt
Interior Floor 2	
Heating Fuel	Oil
Heating Type	Forced Air
AC Type	Central
Struct Class	
Bldg Use	Cell Site
Income Adj	
1st Floor Use:	
Heat/AC	Heat/AC Pkgs
Frame Type	Wood Frame
Baths/Plumbing	Average
Ceiling/Walls	Ceil & Walls
Rooms/Prtns	Average
Wall Height	8.00
% Comn Wall	

Building Photo

(http://images.vgsi.com/photos2/WestportCTPhotos//\00\02\54\59.jpg)

Building Layout



(ParcelSketch.ashx?pid=4500&bid=4500)

Building Sub-Areas (sq ft)			Legend
Code	Description	Gross Area	Living Area
BAS	First Floor	2,351	2,351
FHS	Half Story, Finished	1,024	512
FST	Utility Storage, Fin	143	143
BSM	Basement Area	2,351	0
FOP	Porch, Open	77	0
		5,946	3,006

Extra Features

Extra Features	Legend
No Data for Extra Features	

Land

Land Use

Use Code	434
Description	Cell Site
Zone	AAA
Neighborhood	C
Alt Land Appr	No
Category	

Land Line Valuation

Size (Acres)	1.63
Frontage	0
Depth	0
Assessed Value	$336,400
Appraised Value	$480,600

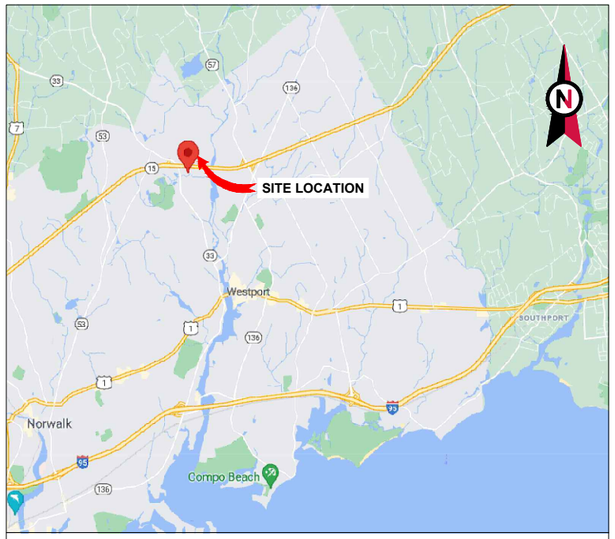
Outbuildings

Outbuildings						Legend
Code	**Description**	**Sub Code**	**Sub Description**	**Size**	**Value**	**Bldg #**
CELL	Cell on TWR	TW		6.00 Sites	$1,037,600	1

Valuation History

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2020	$1,424,000	$480,600	$1,904,600
2019	$1,444,286	$525,600	$1,969,886
2018	$1,444,300	$525,600	$1,969,900

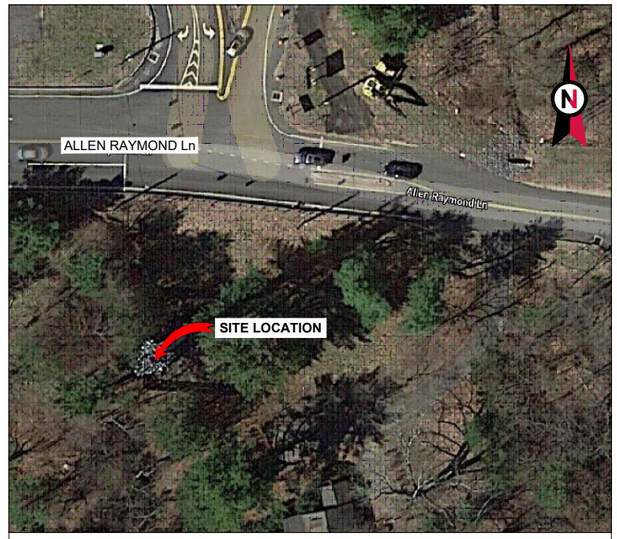
Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2020	$996,820	$336,400	$1,333,220
2019	$1,011,020	$367,900	$1,378,920
2018	$1,011,020	$367,900	$1,378,920



VICINITY MAP

AMERICAN TOWER®

ATC SITE NAME: CRANBURYSU CT
ATC SITE NUMBER: 411189
VERIZON SITE NAME: CRANBURY CT
VERIZON SITE NUMBER:467333
SITE ADDRESS: 2 SUNNY LANE
WESTPORT, CT 06880



LOCATION MAP

VERIZON
ANTENNA AMENDMENT DRAWINGS

COMPLIANCE CODE

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. 2015 INTERNATIONAL EXISTING BUILDING CODE
3. 2017 NATIONAL ELECTRICAL CODE (NFPA 70)
4. LOCAL BUILDING CODE
5. CITY/COUNTY ORDINANCES

UTILITY COMPANIES

POWER COMPANY: EVERSOURCE
PHONE: (888) 783-6617

TELEPHONE COMPANY: AT&T
PHONE: (866) 593-1383

811
Know what's **below.**
Call before you dig.

PROJECT SUMMARY

SITE ADDRESS:

2 SUNNY LANE

WESTPORT, CT 06880

COUNTY: FAIRFIELD

GEOGRAPHIC COORDINATES:

LATITUDE: 41.162917

LONGITUDE: -73.373083

GROUND ELEVATION: 50' AMSL

ZONING INFORMATION:

JURISDICTION: FAIRFIELD COUNTY

PARCEL #: B13 026 000

PROJECT TEAM

TOWER OWNER:

AMERICAN TOWER
10 PRESIDENTIAL WAY
WOBURN, MA 01801

APPLICANT:

VERIZON WIRELESS

PROFESSIONAL OF RECORD:

ROBERT J. LARA, AIA
2 S UNIVERSITY DR., UNIT 245
PLANTATION, FL 33324
(954) 577-4668
rlara@morrisonhershfield.com

PROJECT DESCRIPTION

THE PROPOSED PROJECT INCLUDES MODIFYING GROUND BASED AND TOWER MOUNTED EQUIPMENT AS INDICATED PER BELOW:

REMOVE (6) ANTENNA(s)

INSTALL (3) ANTENNA(s), (3) RRH(s) AND (3) DIPLEXER(s)

EXISTING (9) ANTENNA(s), (9) RRH(s), (1) OVP(s), (6) COAX CABLE(s), AND (2) 6x12 HYBRID CABLE(s) TO REMAIN

PROJECT NOTES

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).

PROJECT LOCATION DIRECTIONS

HEAD SOUTHWEST ON I-95 S, TAKE EXIT 16 TOWARD EAST NORWALK 0.1 MI, TURN RIGHT ONTO EAST AVE (SIGNS FOR U.S. 1) 1.2 MI, CONTINUE ONTO NEWTOWN AVE 1.4 MI, TURN RIGHT ONTO PARTRICK AVE 1.7 MI, TURN LEFT ONTO WILTON RD 0.3 MI, TURN RIGHT ONTO SUNNY LN 0.1 MI

SHEET INDEX

SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
G-001	TITLE SHEET	0	12/28/2021	NY
G-002	GENERAL NOTES	0	12/28/2021	NY
C-101	DETAILED COMPOUND PLAN	0	12/28/2021	NY
C-201	TOWER ELEVATION	0	12/28/2021	NY
C-401	ANTENNA INFORMATION & SCHEDULE	0	12/28/2021	NY
C-501	CONSTRUCTION DETAILS	0	12/28/2021	NY
E-501	GROUNDING DETAILS	0	12/28/2021	NY
R-601	SUPPLEMENTAL			

AMERICAN TOWER®

MORRISON HERSHFIELD
2 S UNIVERSITY DR., UNIT 245
PLANTATION, FL 33324
Tel: 954.577.4655
www.morrisonhershfield.com

REV.	DESCRIPTION	BY	DATE
A	PRELIM	NY	07/13/21
0	FINAL	NY	12/28/21

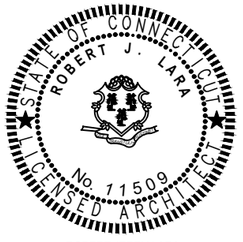
ATC SITE NUMBER:
411189

ATC SITE NAME:
CRANBURYSU CT

VERIZON SITE NAME:
CRANBURY CT

SITE ADDRESS:
2 SUNNY LANE
WESTPORT, CT 06880

SEAL:



ROBERT JERRY LARA
REGISTERED ARCHITECT
STATE OF CONNECTICUT
11509

verizon

DATE DRAWN:	07/02/2021
ATC JOB NO:	13698708_D1
CUSTOMER ID:	CRANBURY CT
CUSTOMER #:	467333

TITLE SHEET

SHEET NUMBER:	REVISION:
G-001	0

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 NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY THE ELEMENTS DUE TO NEGLECT 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 OD 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.

AMERICAN TOWER®

MORRISON HERSHFIELD
2 S UNIVERSITY DR., UNIT 245
PLANTATION, FL 33324
Tel: 954.577.4655
www.morrisonhershfield.com

REV.	DESCRIPTION	BY	DATE
A	PRELIM	NY	07/13/21
0	FINAL	NY	12/28/21

ATC SITE NUMBER:
411189

ATC SITE NAME:
CRANBURYSU CT

VERIZON SITE NAME:
CRANBURY CT

SITE ADDRESS:
2 SUNNY LANE
WESTPORT, CT 06880

SEAL:

ROBERT JERRY LARA
REGISTERED ARCHITECT
STATE OF CONNECTICUT
11509

verizon

DATE DRAWN:	07/02/2021
ATC JOB NO:	13698708_D1
CUSTOMER ID:	CRANBURY CT
CUSTOMER #:	467333

GENERAL NOTES

SHEET NUMBER:	REVISION:
G-002	0

SITE PLAN NOTES:

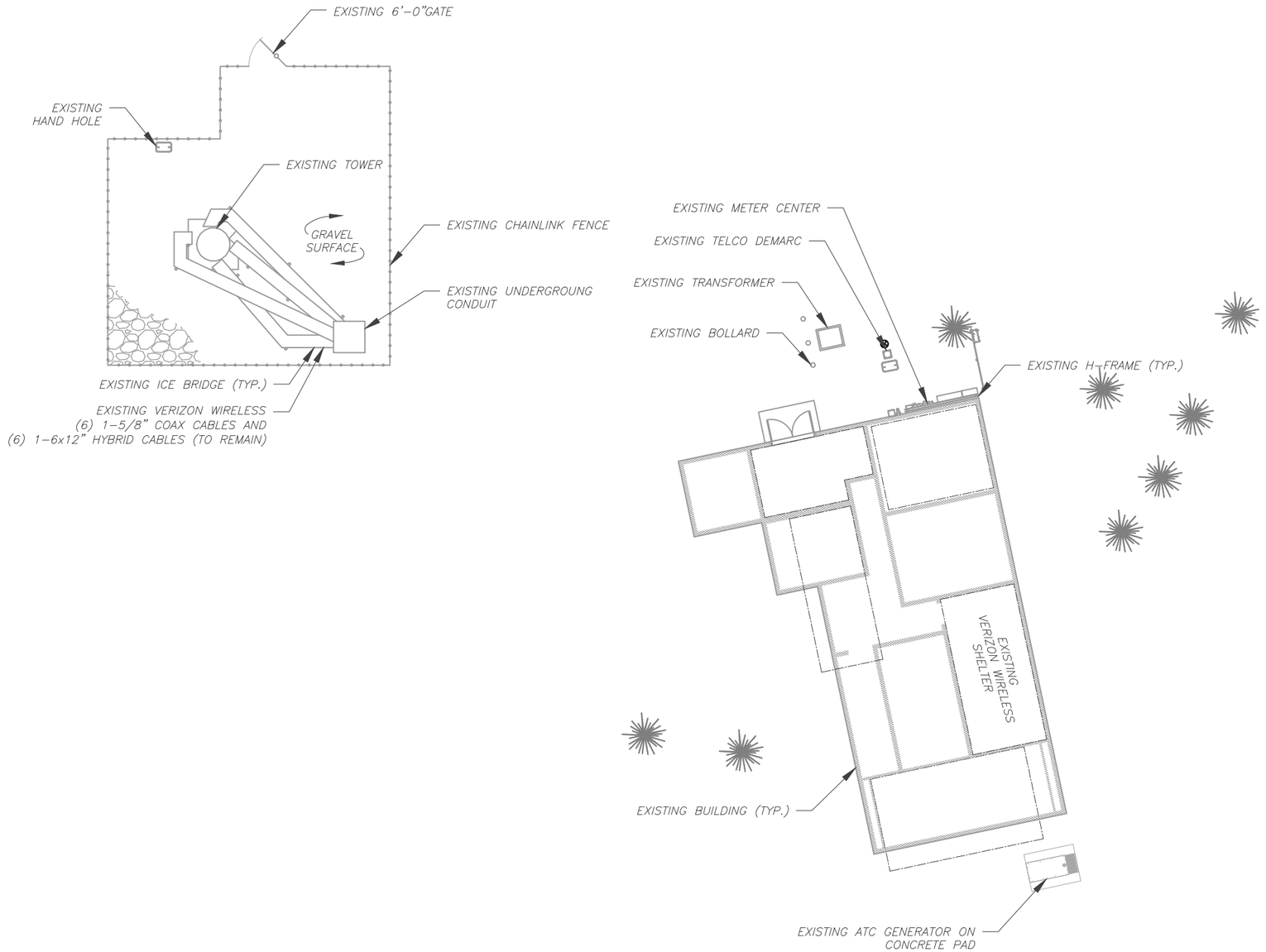
1. THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.

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



1 DETAILED COMPOUND PLAN

GRAPHIC SCALE

20 0 10 20

(IN FEET)
1 UNIT = 20 FEET

N

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MORRISON HERSHFIELD
2 S UNIVERSITY DR., UNIT 245
PLANTATION, FL 33324
Tel: 954.577.4655
www.morrisonhershfield.com

REV.	DESCRIPTION	BY	DATE
A	PRELIM	NY	07/13/21
0	FINAL	NY	12/28/21

ATC SITE NUMBER:
411189

ATC SITE NAME:
CRANBURYSU CT

VERIZON SITE NAME:
CRANBURY CT

SITE ADDRESS:
2 SUNNY LANE
WESTPORT, CT 06880

SEAL:

STATE OF CONNECTICUT
ROBERT J. LARA
No. 11509
LICENSED ARCHITECT

ROBERT JERRY LARA
REGISTERED ARCHITECT
STATE OF CONNECTICUT
11509

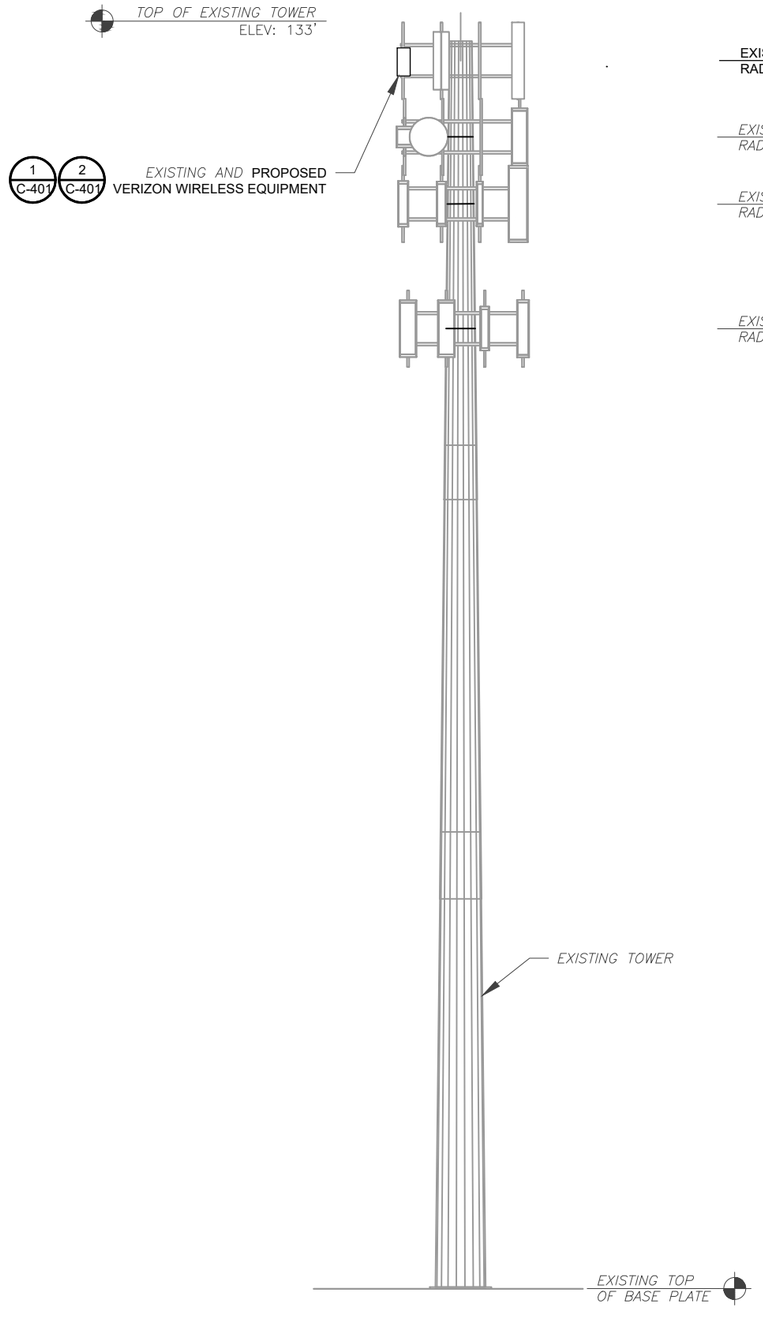
verizon

DATE DRAWN:	07/02/2021
ATC JOB NO:	13698708_D1
CUSTOMER ID:	CRANBURY CT
CUSTOMER #:	467333

DETAILED COMPOUND PLAN

SHEET NUMBER:	REVISION:
C-101	0

PER MOUNT ANALYSIS COMPLETED BY GPD ENGINEERING AND ARCHITECTURE PROFESSIONAL CORPORATION, DATED 10/21/21, THE EXISTING MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING.



1 TOWER ELEVATION
SCALE: N.T.S.

TOWER NOTE:
1. 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.
2. 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.
3. TOWER ELEVATIONS ARE MEASURED FROM TOP OF BASE PLATE TO MATCH STRUCTURAL ANALYSIS. ELEVATIONS DO NOT REFLECT TRUE ABOVE GROUND LEVEL (A.G.L.)
4. TOWER ELEVATION DEPICTION MAY NOT REFLECT ALL EQUIPMENT INCLUDED IN STRUCTURAL ANALYSIS. REFER TO STRUCTURAL ANALYSIS FOR FULL TOWER LOADING.

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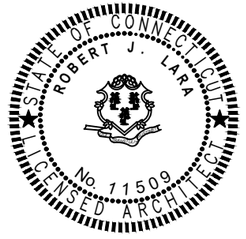

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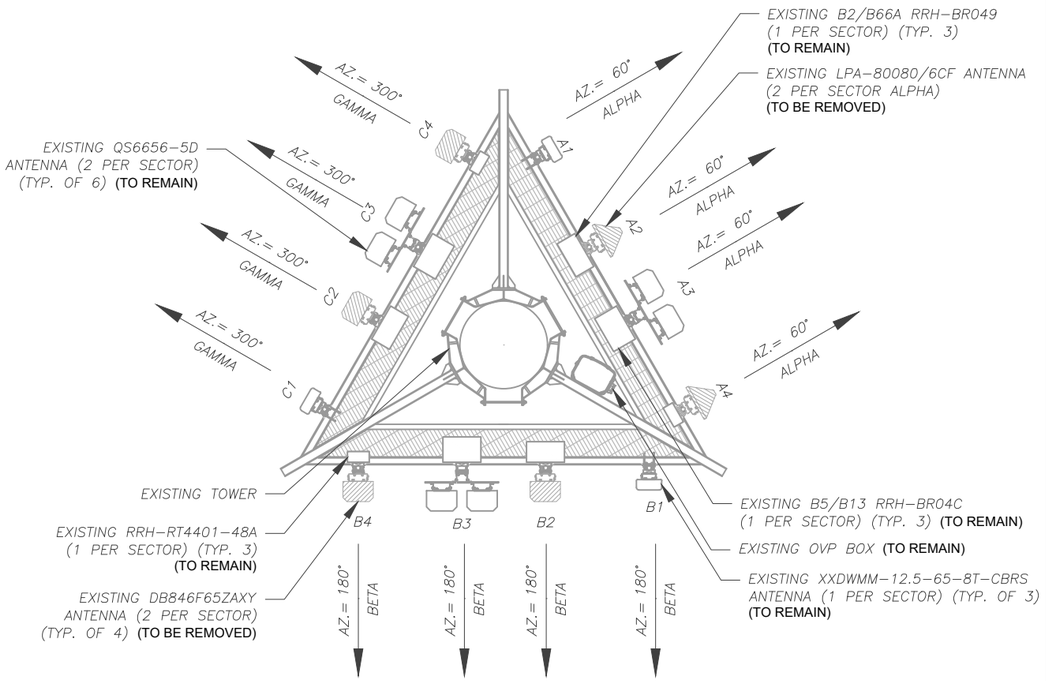
verizon

DATE DRAWN:	07/02/2021
ATC JOB NO:	13698708_D1
CUSTOMER ID:	CRANBURY CT
CUSTOMER #:	467333

TOWER ELEVATION

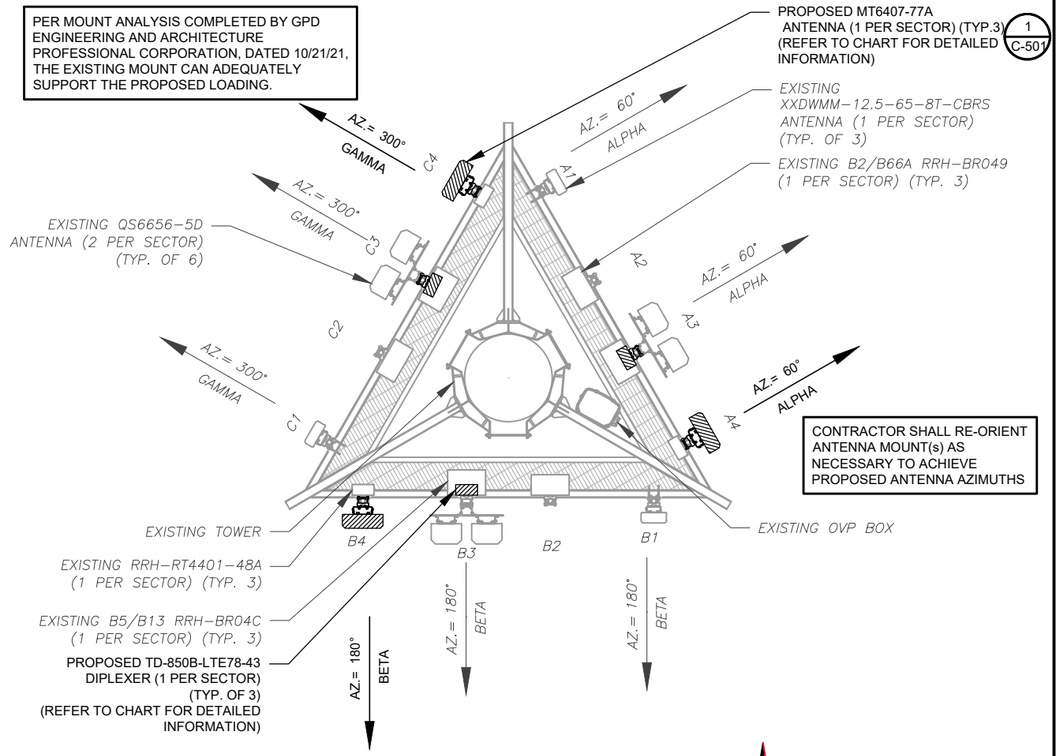
SHEET NUMBER:	REVISION:
C-201	0



1 EXISTING ANTENNA PLAN

SCALE: N.T.S.

PER MOUNT ANALYSIS COMPLETED BY GPD ENGINEERING AND ARCHITECTURE PROFESSIONAL CORPORATION, DATED 10/21/21, THE EXISTING MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING.



2 FINAL ANTENNA PLAN

SCALE: N.T.S.

EXISTING ANTENNA SCHEDULE

LOCATION			ANTENNA SUMMARY					NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECH/ELEC D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	128'	60°	A1	XXDWMM-12.5-65-8T	700 LTE,850 CDMA LTE 5G,1900 LTE,AWS LTE,CBRS LTE	0°/8°	RMN	–	–
			A2	LPA-80080/6CF	850 CDMA	0°/0°	RMV	B2/B66A RRH-BR049	RMN
			A3	(2) QS6656-5D	700 LTE,850 CDMA LTE 5G,1900 LTE,AWS LTE	0°/2°	RMN	B5/B13 RRH-BR04C	RMN
			A4	LPA-80080/6CF	850 CDMA	0°/0°	RMV	RT4401-48A	RMN
BETA	128'	180°	B1	XXDWMM-12.5-65-8T	700 LTE,850 CDMA LTE 5G,1900 LTE,AWS LTE,CBRS LTE	0°/8°	RMN	–	–
			B2	DB846F65ZAXY	850 CDMA	–	RMV	B2/B66A RRH-BR049	RMN
			B3	(2) QS6656-5D	700 LTE,850 CDMA LTE 5G,1900 LTE,AWS LTE	0°/4°	RMN	B5/B13 RRH-BR04C	RMN
			B4	DB846F65ZAXY	850 CDMA	–	RMV	RT4401-48A	RMN
GAMMA	128'	300°	C1	XXDWMM-12.5-65-8T	700 LTE,850 CDMA LTE 5G,1900 LTE,AWS LTE,CBRS LTE	0°/8°	RMN	–	RMN
			C2	DB846F65ZAXY	850 CDMA	0°/4°	RMV	B2/B66A RRH-BR049	RMN
			C3	(2) QS6656-5D	700 LTE,850 CDMA LTE 5G,1900 LTE,AWS LTE	0°/2°	RMN	B5/B13 RRH-BR04C	RMN
			C4	DB846F65ZAXY	850 CDMA	–	RMV	RT4401-48A	RMN

EXISTING FIBER DISTRIBUTION/OVP BOX		EXISTING CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
(1) OVP 12	RMN	(6) 1-5/8"	–	RMN
–	–	–	(2) 6x12	RMN

NOTES

1. CONFIRM WITH VERIZON REP FOR APPLICABLE UPDATES/REVISIONS AND MOST RECENT RFDS FOR NSN CONFIGURATION (CONFIG). GC TO CAP ALL UNUSED PORTS.
2. 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'

3 EQUIPMENT SCHEDULES

EXISTING ANTENNA SCHEDULE

LOCATION			ANTENNA SUMMARY					NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECH/ELEC D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	128'	60°	A1	XXDWMM-12.5-65-8T	700 LTE,850 CDMA LTE 5G,1900 LTE,AWS LTE,CBRS LTE	0°/8°	RMN	–	ADD
			A2	–	–	–	–	B2/B66A RRH-BR049	RMN
			A3	(2) QS6656-5D	700 LTE,850 CDMA LTE 5G,1900 LTE, AWS LTE	0°/2°	RMN	B5/B13 RRH-BR04C	RMN
								TD-85OB-LTE78-43	ADD
			A4	MT6407-77A	L-SUB6 5G	0°/6°	ADD	RT4401-48A	RMN
BETA	128'	180°	B1	XXDWMM-12.5-65-8T	700 LTE,850 CDMA LTE 5G,1900 LTE,AWS LTE,CBRS LTE	0°/8°	RMN	–	ADD
			B2	–	–	–	–	B2/B66A RRH-BR049	RMN
			B3	(2) QS6656-5D	700 LTE,850 CDMA LTE 5G,1900 LTE, AWS LTE	0°/4°	RMN	B5/B13 RRH-BR04C	RMN
								TD-85OB-LTE78-43	ADD
			B4	MT6407-77A	L-SUB6 5G	0°/6°	ADD	RT4401-48A	RMN
GAMMA	128'	300°	C1	XXDWMM-12.5-65-8T	700 LTE,850 CDMA LTE 5G,1900 LTE,AWS LTE,CBRS LTE	0°/8°	RMN	–	ADD
			C2	–	–	–	–	B2/B66A RRH-BR049	RMN
			C3	(2) QS6656-5D	700 LTE,850 CDMA LTE 5G,1900 LTE, AWS LTE	0°/2°	RMN	B5/B13 RRH-BR04C	RMN
								TD-85OB-LTE78-43	ADD
			C4	MT6407-77A	L-SUB6 5G	0°/6°	ADD	RT4401-48A	RMN

EXISTING FIBER DISTRIBUTION/OVP BOX		EXISTING CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
(1) OVP 12	RMN	(6) 1-5/8"	–	RMN
–	–	–	(2) 6x12	RMN

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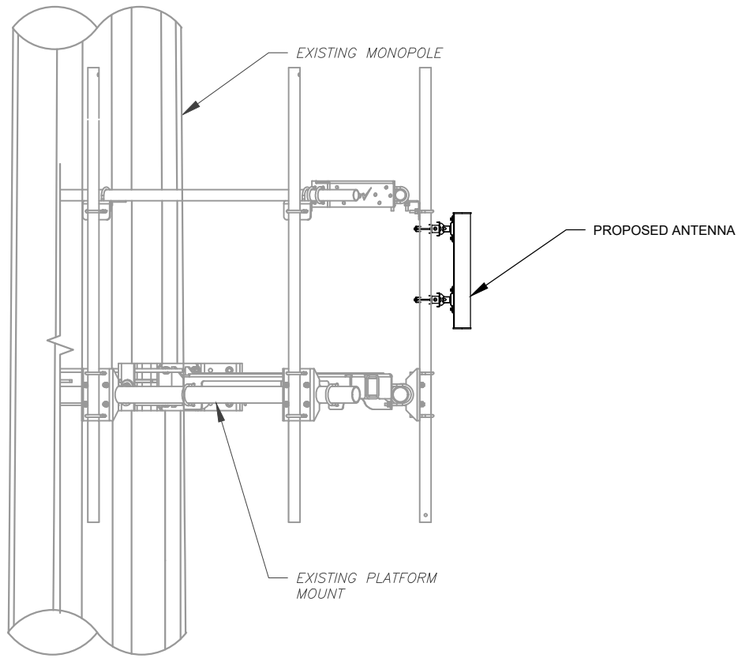
verizon

DATE DRAWN:	07/02/2021
ATC JOB NO:	13698708_D1
CUSTOMER ID:	CRANBURY CT
CUSTOMER #:	467333

ANTENNA INFORMATION & SCHEDULE

SHEET NUMBER:	REVISION:
C-401	0



1 PROPOSED 5G ANTENNA MOUNTING DETAIL - TYPICAL

SCALE: N.T.S.

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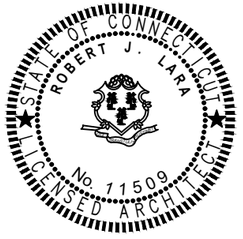

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verizon

DATE DRAWN:	07/02/2021
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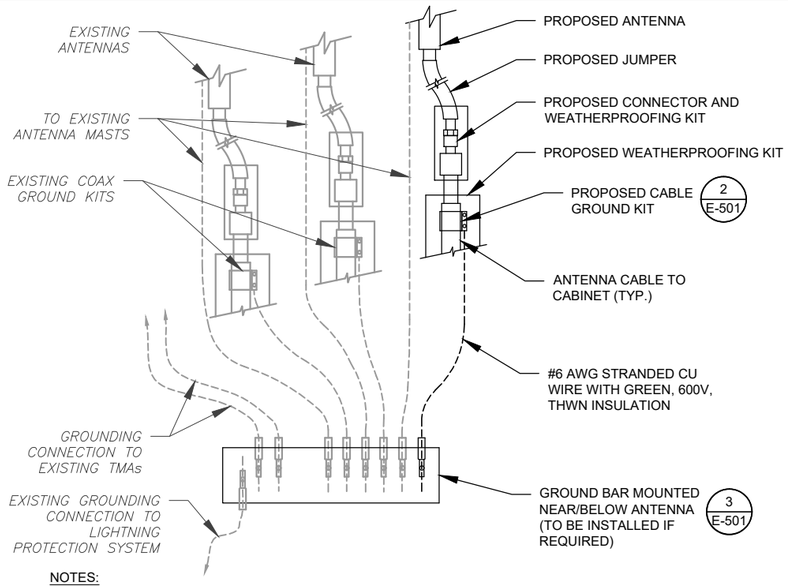
CUSTOMER ID:	CRANBURY CT
CUSTOMER #:	467333

CONSTRUCTION DETAILS

SHEET NUMBER:	REVISION:
C-501	0

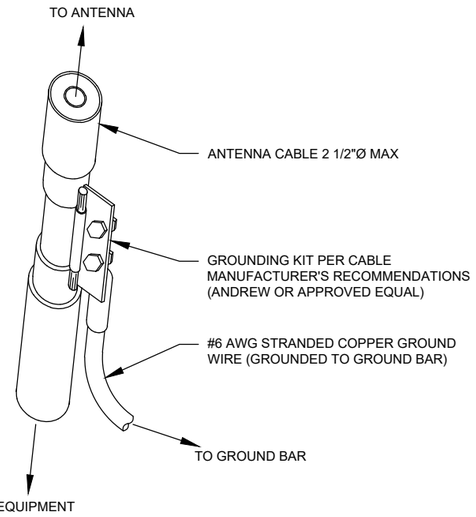


NOTES:

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.

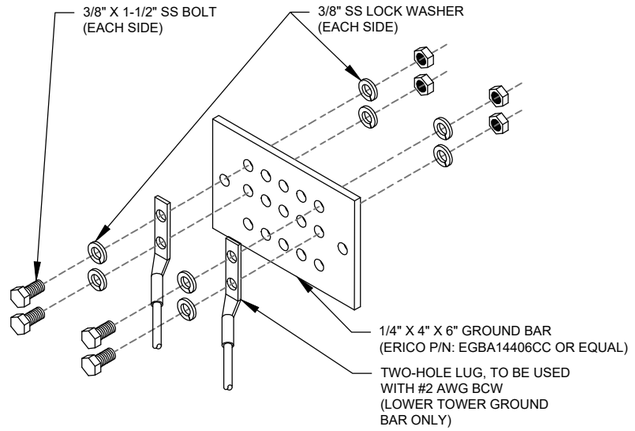


GROUND KIT NOTES:

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.

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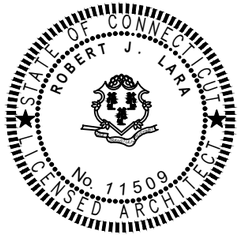

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GROUNDING DETAILS

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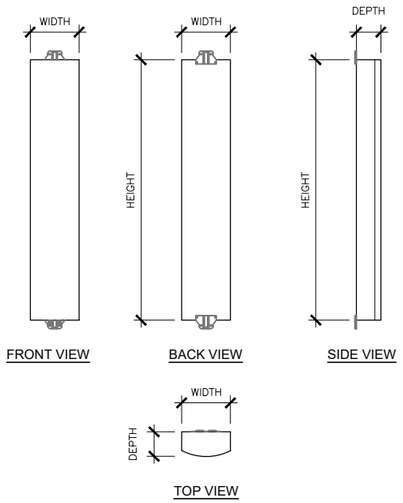
E-501	0



SAMSUNG MT6407-77A

SIZE AND WEIGHT TABLE

HEIGHT	WIDTH	DEPTH	WEIGHT
35.1"	16.1"	5.5"	81.6 LBS

1 ANTENNA SPECIFICATIONS

SCALE: N.T.S.

SUPPLEMENTAL

SHEET NUMBER: R-601

REVISION: -