NORTHEAST SITE SOLUTIONS
Turnkey Wireless Development

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

April 29, 2022

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

RE: Exempt Modification Application
1119 Summit Road, Cheshire CT 06410
Latitude: 41.536389
Longitude: -72.957278
Site#: 801367_ CROWN_VZW

Dear Ms. Bachman:

Verizon Wireless is requesting to file an exempt modification for an existing tower located at 1119 Summit Road, Cheshire CT 06410. Verizon Wireless currently maintains fifteen (15) antennas at the 167-foot level of the existing 167-foot tower. The property is owned by Timothy DiDomizio, and the tower is owned by Crown Castle. Verizon now intends to replace nine (9) existing antennas with nine (9) new antennas. The new antennas would be installed at the 167-foot level of the tower. This modification includes hardware that is both 4G (LTE), and **5G** capable. Antenna mount modifications will be completed as per the attached Maser mount analysis dated May 27, 2021.

VZW Planned Modifications:
Remove: NONE

Remove and Replace:
(6) AMPHENOL Antennas (REMOVE) – (6) JMA MX06FR0660-03 Antennas (REPLACE)
(3) ANTEL Antennas (REMOVE) – (3) SAMSUNG MT6407-77A Antennas (REPLACE)
(3) NOKIA UHBC B13 RRH (REMOVE) – (3) SAMSUNG B5/B13 -BR04C – RFV01U-D2A RRH (REPLACE)
(3) NOKIA UHID B4 RRH (REMOVE) – (3) SAMSUNG B2/B66A -BR049 – RFV01U-D1A RRH (REPLACE)
(1) RAYCAP OVP (REMOVE) - (1) RAYCAP RVZDC-6627-PF-48 (REPLACE)

Install New:
(1) RAYCAP OVP
(2) 1-5/8" Hybrid

Existing to Remain:
(6) ANTEL Antennas
(17) Coax - 1/58"

NORTHEAST SITE SOLUTIONS

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The facility was approved by the Connecticut Siting Council, Docket No.199 on April 12, 2001. Please see attached.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies§ 16- SOj-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.SA. § 16-SOj-73, a copy of this letter is being sent to Tim Slocum, Town Council Chair, Sean Kimball, Town Manager and Michael Glidden, Town Planner for the Town of Cheshire, as well as the tower owner and property owner.

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

1. The proposed modifications will not result in an increase in the height of the existing structure.

2. The proposed modifications will not require the extension of the site boundary.

3. The proposed modifications will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.

4. The operation of the replacement antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communications Commission safety standard.

5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.

6. The existing structure and its foundation can support the proposed loading.

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

Sincerely,

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

NORTHEAST SITE SOLUTIONS
Turnkey Wireless Development

Attachments

cc:
Tim Slocum, Town Council Chair
Town of Cheshire
84 South Main Street
Cheshire, CT 06410

Sean Kimball, Town Manager
Town of Cheshire
84 South Main Street
Cheshire, CT 06410

Michael Glidden, Town Planner
Town of Cheshire
84 South Main Street
Cheshire, CT 06410

Timothy DiDomizio - Property Owner
1119 Summit Road
Cheshire CT 06410

Crown Castle, Tower Owner

Exhibit A

Original Facility Approval

Filing Guides
Meetings & Minutes
Public Participation
Audio Link to New Britain Hearing Rooms
Programs & Services
Telecommunications Database
Publications
Other Resources
Statutes & Regulations
Electric Transmission Upgrade Projects
Frequently Asked Questions

Robert Stein,
Chairman

Melanie Bachman,
Acting Executive Director

NOTICE TO USERS

The Connecticut Siting Council posts filed documents to this site as a public service.The Council disclaims any liability for the content of submissions made by parties, intervenors, public officials, and the general public. Further, while the Council seeks to be complete in its postings, the Council urges users of this site to confirm with the submitter the completeness of the postings made. The posting of any document does not constitute or imply endorsement by the Connecticut Siting Council. Finally, the

DOCKET NO. 199 - Crown Atlantic Company LLC and Cellco Partnership d/b/a Verizon Wireless application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a cellular telecommunications facility at 1119 Summit Road, Cheshire, Connecticut.	} } }	Connecticut Siting Council April 12, 2001

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 facility at the proposed alternate site in Cheshire, 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 Crown Atlantic Company LLC and Cellco Partnership d/b/a Verizon Wireless for the construction, maintenance and operation of a cellular telecommunications facility at the proposed alternate site located at 1119 Summit Road, Cheshire, Connecticut. We deny certification of the proposed prime site located at 1119 Summit Road, Cheshire, Connecticut.

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 AT&T, Voicestream, Sprint, the Town of Cheshire and other entities, both public and private, but such tower shall not exceed a height of 170 feet above ground level.

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 to include the location and specifications for the tower, tower foundation, antennas, a single equipment building capable to house all proposed users including the Town of Cheshire, security fence, access road, utility line, and landscaping plan. The D&M Plan shall also include construction plans to be submitted prior to construction for site clearing, water drainage, and erosion and sedimentation control consistent with the Connecticut Guidelines for Soil Erosion and Sediment Control, as amended.

3. The Certificate Holder shall, prior to the commencement of operation, provide the Council worst-case modeling of electromagnetic radio frequency power density of all proposed entities' antennas at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin No. 65, August 1997. The Certificate Holder shall provide a recalculated report of electromagnetic radio frequency power density if and when circumstances in operation cause a change in power density above the levels calculated and provided pursuant to this Decision and Order.

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

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

6. 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 reapply for any continued or new use to the Council before any such use is made.

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

8. 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.

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, The Cheshire Herald, The Waterbury Republican-American and The Record Journal.

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:

Crown Atlantic Company LLC And Cellco Partnership d/b/a Verizon Wireless	Robert Stanford, Project Manager Crown Atlantic Company LLC 703 Hebron Avenue Glastonbury, CT 06033 Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103-3597
AT&T Wireless Services, Inc.	Anthony B. Gioffre III, Esq. Cuddy & Feder & Worby 90 Maple Avenue White Plains, NY 10601

Content Last Modified on 10/9/2002 1:52:54 PM

Exhibit B

Property Card

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

Town of Cheshire

The bedding plant capital of Connecticut

Information on the Property Records for the Municipality of Cheshire was last updated on 3/24/2022.

Parcel Information

Location:	1119 SUMMIT RD	Property Use:	Residential	Primary Use:	Residential
Unique ID:	00087800	Map Block Lot:	24 2	Acres:	22.52
Zone:	R-80	Volume / Page:	2850/ 331	Developers Map / Lot:	15809
Census:	3432				

Value Information

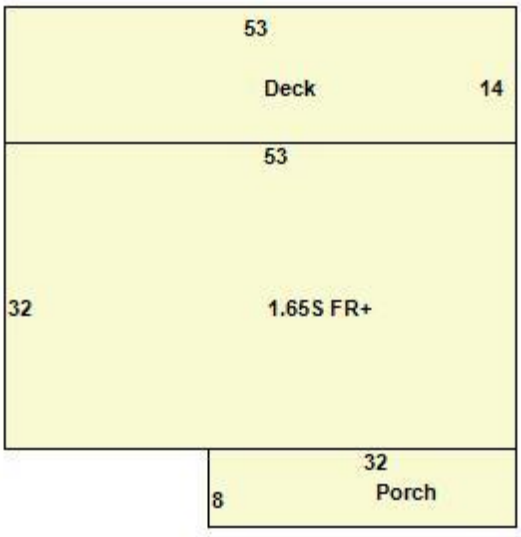
	Appraised Value	Assessed Value
Land	572,860	252,980
Buildings	543,472	380,430
Detached Outbuildings	5,880	4,120
Total	1,122,212	637,530

Owner's Information

Owner's Data
DIDOMIZIO TIMOTHY 1119 SUMMIT ROAD CHESHIRE, CT 06410

Building 1

0087800 03/08/2012



Building Use:	Single Family	Style:	Cape	Living Area:	2,798
Stories:	1.65	Construction:	Wood Frame	Year Built:	2018
Total Rooms:	8	Bedrooms:	4	Full Baths:	2

Heating:	FHA	Fireplaces:	1	Half Baths:	1
Fuel:	Propane	Cooling Percent:	100%	Basement Area:	1,696
Basement Finished Area:	0	Basement Garages:	2	Roof Material:	Arch Shingles
Siding:	Vinyl				

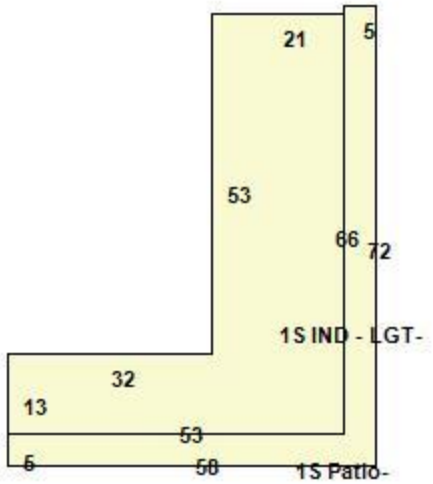
Special Features

Extra Plumbing Fixtures	1

Attached Components

Type:	Year Built:	Area:
Wood Deck	2019	742
Open Porch	2018	256

Building 2



Category:	Industrial	Use:	Light Industrial	Stories:	1.00

Above Grade:	1,802	Below Grade:	0	Below Grade Finish:	0
Construction:	Good	Year Built:	2002	Heating:	
Fuel:		Cooling Percent:	0%	Siding:	Stone
Roof Material:		Beds/Units:	0		

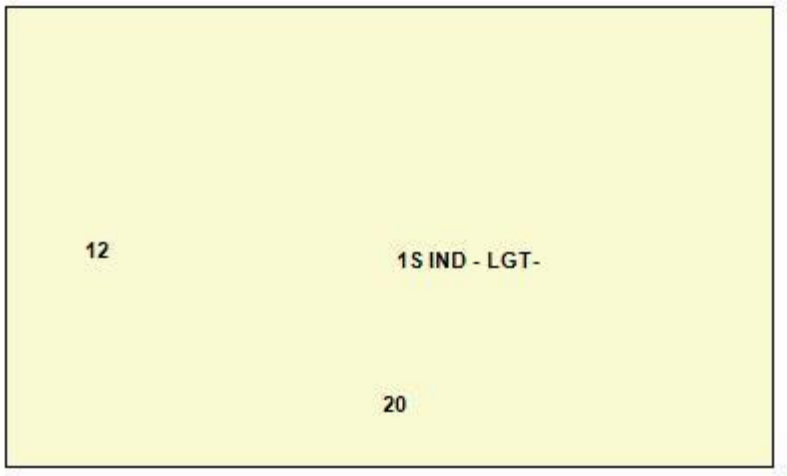
Special Features

Attached Components

Type:	Year Built:	Area:
Concrete Patio	2002	625

Building 3

Photo Not Available

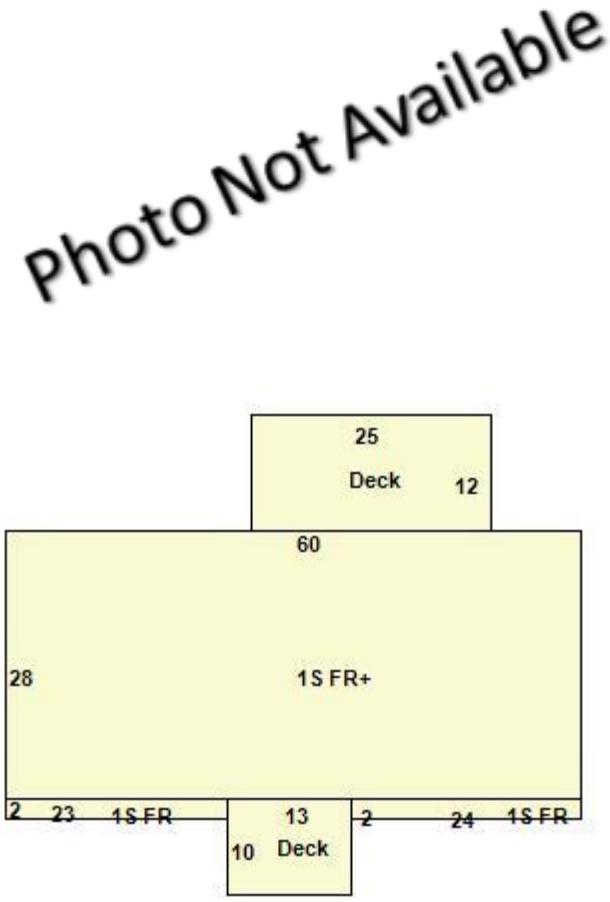


Category:	Industrial	Use:	Light Industrial	Stories:	1.00
Above Grade:	240	Below Grade:	0	Below Grade Finish:	0
Construction:	Good	Year Built:	2004	Heating:	
Fuel:		Cooling Percent:	0%	Siding:	Concrete Block
Roof Material:		Beds/Units:	0		

Special Features

Attached Components

Building 4



Building Use:	Single Family	Style:	Ranch	Living Area:	1,774
Stories:	1.00	Construction:	Wood Frame	Year Built:	1990
Total Rooms:	7	Bedrooms:	2	Full Baths:	3
Heating:	FHA	Fireplaces:	0	Half Baths:	1
Fuel:	Oil	Cooling Percent:	0%	Basement Area:	1,680
Basement Finished Area:	840	Basement Garages:	2	Roof Material:	Asphalt
Siding:	Clapboards				

Special Features

Whirlpool	1

Attached Components

Type:	Year Built:	Area:
Wood Deck	1990	130
Wood Deck	1990	300

Detached Outbuildings

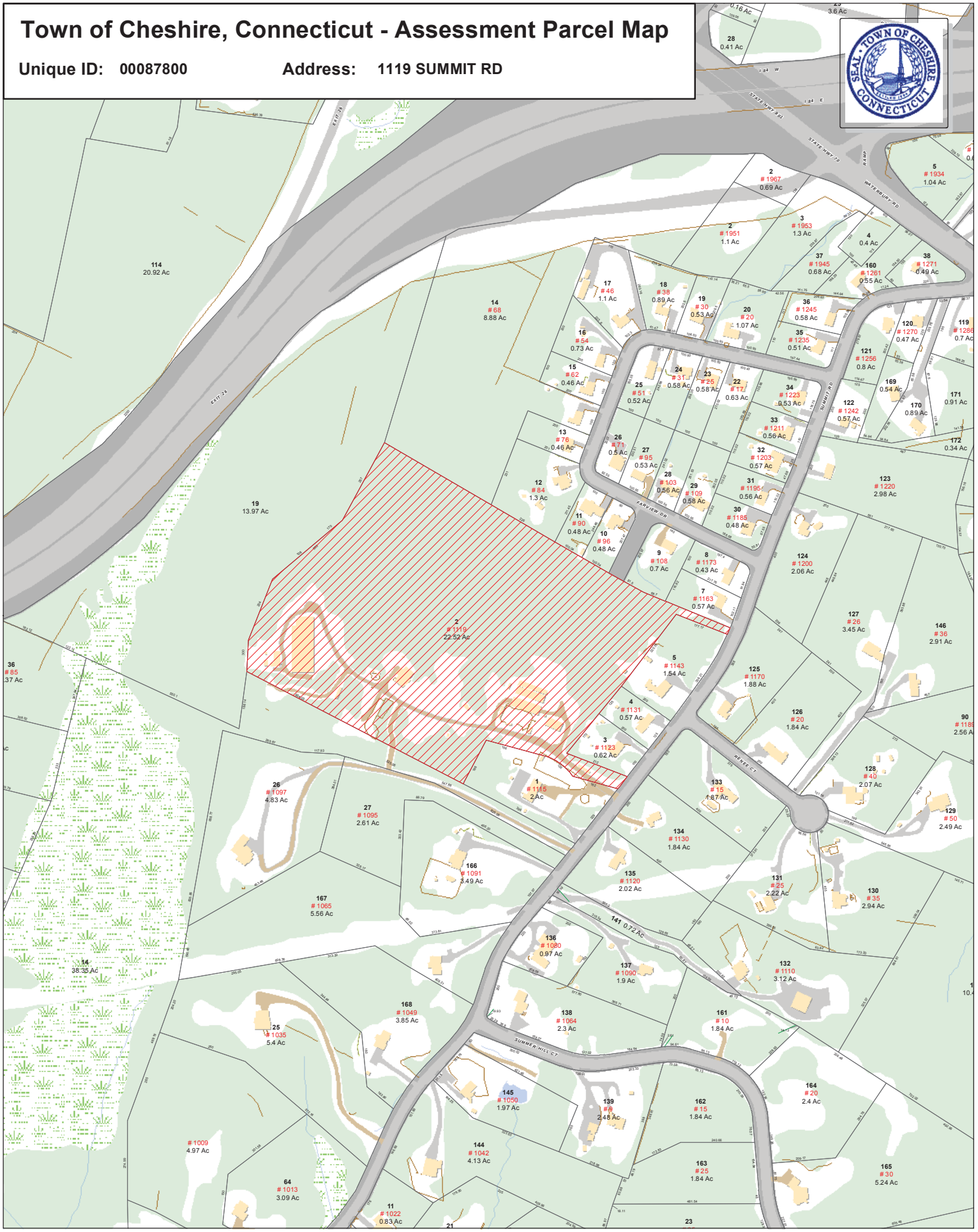
Type:	Year Built:	Length:	Width:	Area:
Fencing	2002			1,600

Owner History - Sales

Owner Name	Volume	Page	Sale Date	Deed Type	Sale Price
DIDOMIZIO TIMOTHY	2850	0331	05/21/2018	Quit Claim	$0
DIDOMIZIO M JOANNE	0798	0074	04/03/2017		$0

Town of Cheshire, Connecticut - Assessment Parcel Map

Unique ID: 00087800 **Address:** 1119 SUMMIT RD



Approximate Scale:

1 inch = 400 feet

Disclaimer:
This map is for informational purposes only.
All information is subject to verification by any user.
The Town of Cheshire and its mapping contractors
assume no legal responsibility for the information contained herein.

Map Produced January 2016

Exhibit C

Construction Drawings

verizon

VERIZON SITE NUMBER: 468071
VERIZON SITE NAME: CHESHIRE 2 CT
SITE TYPE: MONOPOLE
TOWER HEIGHT: 167'-0"

BUSINESS UNIT #: 801367
SITE ADDRESS: 1121 SUMMIT ROAD CHESHIRE, CT 06410
COUNTY: NEW HAVEN
JURISDICTION: NEW HAVEN COUNTY

VERIZON FUZE PROJECT #: 16244585

SITE INFORMATION

CROWN CASTLE USA INC. SITE NAME:	CT NHV-2075 CAC 801367
SITE ADDRESS:	1121 SUMMIT ROAD CHESHIRE, CT 06410
COUNTY:	NEW HAVEN
MAP/PARCEL #:	TBD
AREA OF CONSTRUCTION:	EXISTING
LATITUDE:	41° 32' 11.0004" N (41.536389°)
LONGITUDE:	72° 57' 26.2008" W (-72.957278°)
LAT/LONG TYPE:	NAD83
GROUND ELEVATION:	629.9'
CURRENT ZONING:	TBD
JURISDICTION:	NEW HAVEN COUNTY
OCCUPANCY CLASSIFICATION:	U
TYPE OF CONSTRUCTION:	IIB
A.D.A. COMPLIANCE:	FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION
PROPERTY OWNER:	TBD -- --
TOWER OWNER:	CCATT LLC 1500 CORPORATE DRIVE CANONSBURG, PA 15317
CARRIER/APPLICANT:	VERIZON WIRELESS 180 WASHINGTON VALLEY ROAD BEDMINSTER, NJ 07921
ELECTRIC PROVIDER:	TBD --
TELCO PROVIDER:	TBD --

PROJECT TEAM

A&E FIRM:	CROWN CASTLE USA INC. 2000 CORPORATE DRIVE CANONSBURG, PA 15317 CROWNAE.APPROVAL@CROWNCASTLE.COM
CROWN CASTLE USA INC. DISTRICT CONTACTS:	3 CORPORATE PARK DRIVE, SUITE 101 CLIFTON PARK, NY 12065 TBD - PROJECT MANAGER -- TBD - CONSTRUCTION MANAGER --
VERIZON CONTACT:	ANDREW LEONE ALEONE@STRUCTURECONSULTING.NET

DRAWING INDEX

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

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

APPROVALS

SIGNATURE	DATE

CONTRACTOR PMI REQUIREMENTS

PMI ACCESSED AT	https://pmi.vxwsmart.com
SMART TOOL VENDOR PROJECT NUMBER	6039-Z0001-C
VzW LOCATION CODE (PSLC)	468071

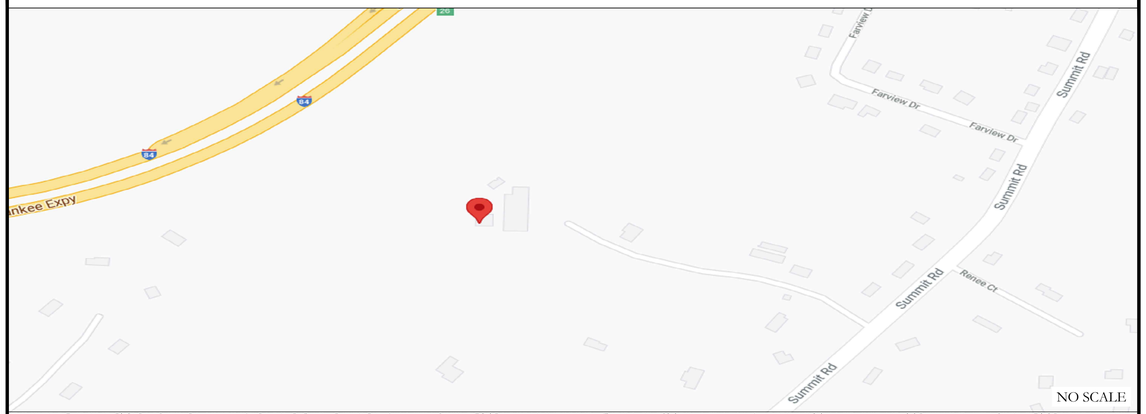
*** PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT

MOUNT MODIFICATION REQUIRED	N

VzW APPROVED SMART KIT VENDORS

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

LOCATION MAP



NO SCALE

DRIVING DIRECTIONS FROM VERIZON LOCAL OFFICE (180 WASHINGTON VALLEY RD, BEDMINSTER, NJ 07921): DEPART AND HEAD TOWARD WASHINGTON VALLEY RD / COUNTY HWY-620, TURN LEFT ONTO WASHINGTON VALLEY RD / COUNTY HWY-620, BEAR RIGHT ONTO US-206 N / US-202 N / US HIGHWAY 202 206, BEAR RIGHT ONTO US-202 N / US-206 N / US HIGHWAY 202 206, TURN RIGHT ONTO SCHLEY MOUNTAIN RD, TAKE THE RAMP ON THE RIGHT FOR I-287 N, TAKE THE RAMP ON THE RIGHT FOR I-87 SOUTH AND HEAD TOWARD NEW YORK CITY / SAW MILL PKWY S, TAKE THE RAMP FOR I-684 N, HEAD RIGHT ON THE RAMP FOR I-84 EAST TOWARD DANBURY, TAKE THE RAMP ON THE RIGHT FOR I-84 EAST AND HEAD TOWARD WATERBURY, HEAD LEFT ON THE RAMP FOR CT-8 NORTH TOWARD TORRINGTON, HEAD LEFT ON THE RAMP FOR CT-73 TOWARD OAKVILLE / WATERTOWNM TAKE THE RAMP ON THE LEFT FOR CT-8 S / JAMES H DARCEY MEMORIAL HWY S, HEAD LEFT ON THE RAMP FOR I-84 EAST TOWARD HARTFORD, HEAD RIGHT ON THE RAMP FOR CT-70 TOWARD CHESHIRE, TURN RIGHT ONTO CT-70 / WATERBURY RD TOWARD CHESHIRE, TURN RIGHT ONTO SUMMIT RD, TURN RIGHT, ARRIVE AT 1121 SUMMIT ROAD, CHESHIRE, CT 06410.

APPLICABLE CODES/REFERENCE DOCUMENTS

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

CODE TYPE	CODE
BUILDING	2018 CT STATE BUILDING CODE
MECHANICAL	2015 IMC
ELECTRICAL	2017 NEC

REFERENCE DOCUMENTS:

STRUCTURAL ANALYSIS: DATED:	BY OTHERS
MOUNT ANALYSIS: DATED:	TBD TBD
RFDS REVISION: DATED:	TBD 05/24/2021
ORDER ID: REVISION:	552628 0

CALL CONNECTICUT ONE CALL (800) 922-4455 CBYD.COM CALL 2 WORKING DAYS BEFORE YOU DIG!

PROJECT DESCRIPTION

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

TOWER SCOPE OF WORK:
- INSTALL (9) ANTENNAS
- INSTALL (6) RRUS
- INSTALL (1) OVP-12

GROUND SCOPE OF WORK:
- N/A

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

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN CASTLE
1500 CORPORATE DRIVE
CANONSBURG, PA 15317

INFINIGY
FROM ZERO TO INFINIGY
the solutions are endless
BELLEVUE, WA 98004

VERIZON SITE NUMBER:
468071

BU #: **801367**
CT NHV-2075 CAC 801367

1121 Summit Road
Cheshire, CT 06410

EXISTING 167'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
A	06/14/2021	RCD	FINAL	--

STATE OF CONNECTICUT
TSUHEI SAKAMOTO
34916
LICENSED
PROFESSIONAL ENGINEER
6/16/21

SHEET NUMBER: T-1
REVISION: A

CROWN CASTLE USA INC. SITE ACTIVITY REQUIREMENTS:

1. NOTICE TO PROCEED– NO WORK SHALL COMMENCE PRIOR TO CROWN CASTLE USA INC. WRITTEN NOTICE TO PROCEED (NTP) AND THE ISSUANCE OF A PURCHASE ORDER. PRIOR TO ACCESSING/ENTERING THE SITE YOU MUST CONTACT THE CROWN CASTLE USA INC. NOC AT 800–788–7011 & THE CROWN CASTLE USA INC. CONSTRUCTION MANAGER.
2. "LOOK UP" – CROWN CASTLE USA INC. SAFETY CLIMB REQUIREMENT: THE INTEGRITY OF THE SAFETY CLIMB AND ALL COMPONENTS OF THE CLIMBING FACILITY SHALL BE CONSIDERED DURING ALL STAGES OF DESIGN, INSTALLATION, AND INSPECTION. TOWER MODIFICATION, MOUNT REINFORCEMENTS, AND/OR EQUIPMENT INSTALLATIONS SHALL NOT COMPROMISE THE INTEGRITY OR FUNCTIONAL USE OF THE SAFETY CLIMB OR ANY COMPONENTS OF THE CLIMBING FACILITY ON THE STRUCTURE. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO: PINCHING OF THE WIRE ROPE, BENDING OF THE WIRE ROPE FROM ITS SUPPORTS, DIRECT CONTACT OR CLOSE PROXIMITY TO THE WIRE ROPE WHICH MAY CAUSE FRICTIONAL WEAR, IMPACT TO THE ANCHORAGE POINTS IN ANY WAY, OR TO IMPEDE/BLOCK ITS INTENDED USE. ANY COMPROMISED SAFETY CLIMB, INCLUDING EXISTING CONDITIONS MUST BE TAGGED OUT AND REPORTED TO YOUR CROWN CASTLE USA INC. POC OR CALL THE NOC TO GENERATE A SAFETY CLIMB MAINTENANCE AND CONTRACTOR NOTICE TICKET.
3. PRIOR TO THE START OF CONSTRUCTION, ALL REQUIRED JURISDICTIONAL PERMITS SHALL BE OBTAINED. THIS INCLUDES, BUT IS NOT LIMITED TO, BUILDING, ELECTRICAL, MECHANICAL, FIRE, FLOOD ZONE, ENVIRONMENTAL, AND ZONING. AFTER ONSITE ACTIVITIES AND CONSTRUCTION ARE COMPLETED, ALL REQUIRED PERMITS SHALL BE SATISFIED AND CLOSED OUT ACCORDING TO LOCAL JURISDICTIONAL REQUIREMENTS.
4. ALL CONSTRUCTION MEANS AND METHODS; INCLUDING BUT NOT LIMITED TO, ERECTION PLANS, RIGGING PLANS, CLIMBING PLANS, AND RESCUE PLANS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR RESPONSIBLE FOR THE EXECUTION OF THE WORK CONTAINED HEREIN, AND SHALL MEET ANSI/ASSE A10.48 (LATEST EDITION); FEDERAL, STATE, AND LOCAL REGULATIONS; AND ANY APPLICABLE INDUSTRY CONSENSUS STANDARDS RELATED TO THE CONSTRUCTION ACTIVITIES BEING PERFORMED. ALL RIGGING PLANS SHALL ADHERE TO ANSI/ASSE A10.48 (LATEST EDITION) AND CROWN CASTLE USA INC. STANDARD CED–STD–10253, INCLUDING THE REQUIRED INVOLVEMENT OF A QUALIFIED ENGINEER FOR CLASS IV CONSTRUCTION, TO CERTIFY THE SUPPORTING STRUCTURE(S) IN ACCORDANCE WITH ANSI/TIA–322 (LATEST EDITION).
5. ALL SITE WORK TO COMPLY WITH QAS–STD–10068 "INSTALLATION STANDARDS FOR CONSTRUCTION ACTIVITIES ON CROWN CASTLE USA INC. TOWER SITE," CED–STD–10294 "STANDARD FOR INSTALLATION OF MOUNTS AND APPURTENANCES," AND LATEST VERSION OF ANSI/TIA–1019–A–2012 "STANDARD FOR INSTALLATION, ALTERATION, AND MAINTENANCE OF ANTENNA SUPPORTING STRUCTURES AND ANTENNAS."
6. IF THE SPECIFIED EQUIPMENT CAN NOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY CROWN CASTLE USA INC. PRIOR TO PROCEEDING WITH ANY SUCH CHANGE OF INSTALLATION.
7. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
8. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
9. THE CONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION.
10. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY CONTRACTOR. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR DRILLING PIERS AROUND OR NEAR UTILITIES. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW. THIS WILL INCLUDE BUT NOT BE LIMITED TO A) FALL PROTECTION B) CONFINED SPACE C) ELECTRICAL SAFETY D) TRENCHING AND EXCAVATION E) CONSTRUCTION SAFETY PROCEDURES.
11. ALL SITE WORK SHALL BE AS INDICATED ON THE STAMPED CONSTRUCTION DRAWINGS AND PROJECT SPECIFICATIONS, LATEST APPROVED REVISION.
12. CONTRACTOR SHALL KEEP THE SITE FREE FROM ACCUMULATING WASTE MATERIAL, DEBRIS, AND TRASH AT THE COMPLETION OF THE WORK. IF NECESSARY, RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
13. ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED OR OTHERWISE DISCONTINUED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO THE APPROVAL OF CONTRACTOR, TOWER OWNER, CROWN CASTLE USA INC., AND/OR LOCAL UTILITIES.
14. THE CONTRACTOR SHALL PROVIDE SITE SIGNAGE IN ACCORDANCE WITH THE TECHNICAL SPECIFICATION FOR SITE SIGNAGE REQUIRED BY LOCAL JURISDICTION AND SIGNAGE REQUIRED ON INDIVIDUAL PIECES OF EQUIPMENT, ROOMS, AND SHELTERS.
15. THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE CARRIER'S EQUIPMENT AND TOWER AREAS.
16. THE SUB GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
17. THE AREAS OF THE OWNERS PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE TOWER, EQUIPMENT OR DRIVEWAY, SHALL BE GRADED TO A UNIFORM SLOPE, AND STABILIZED TO PREVENT EROSION AS SPECIFIED ON THE CONSTRUCTION DRAWINGS AND/OR PROJECT SPECIFICATIONS.
18. CONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL.
19. THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF OWNER.
20. CONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.
21. CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION. TRASH AND DEBRIS SHOULD BE REMOVED FROM SITE ON A DAILY BASIS.
22. NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.

GENERAL NOTES:

1. FOR THE PURPOSE OF CONSTRUCTION DRAWING, THE FOLLOWING DEFINITIONS SHALL APPLY:
   CONTRACTOR: GENERAL CONTRACTOR RESPONSIBLE FOR CONSTRUCTION
   CARRIER: VERIZON
   TOWER OWNER: CROWN CASTLE USA INC.
2. THESE DRAWINGS HAVE BEEN PREPARED USING STANDARDS OF PROFESSIONAL CARE AND COMPLETENESS NORMALLY EXERCISED UNDER SIMILAR CIRCUMSTANCES BY REPUTABLE ENGINEERS IN THIS OR SIMILAR LOCALITIES. IT IS ASSUMED THAT THE WORK DEPICTED WILL BE PERFORMED BY AN EXPERIENCED CONTRACTOR AND/OR WORKPEOPLE WHO HAVE A WORKING KNOWLEDGE OF THE APPLICABLE CODE STANDARDS AND REQUIREMENTS AND OF INDUSTRY ACCEPTED STANDARD GOOD PRACTICE. AS NOT EVERY CONDITION OR ELEMENT IS (OR CAN BE) EXPLICITLY SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL USE INDUSTRY ACCEPTED STANDARD GOOD PRACTICE FOR MISCELLANEOUS WORK NOT EXPLICITLY SHOWN.
3. THESE DRAWINGS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE MEANS OR METHODS OF CONSTRUCTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY FOR PROTECTION OF LIFE AND PROPERTY DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, FORMWORK, SHORING, ETC. SITE VISITS BY THE ENGINEER OR HIS REPRESENTATIVE WILL NOT INCLUDE INSPECTION OF THESE ITEMS AND IS FOR STRUCTURAL OBSERVATION OF THE FINISHED STRUCTURE ONLY.
4. NOTES AND DETAILS IN THE CONSTRUCTION DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT, AND/OR AS PROVIDED FOR IN THE CONTRACT DOCUMENTS. WHERE DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, GENERAL NOTES, AND SPECIFICATIONS, THE GREATER, MORE STRICT REQUIREMENTS, SHALL GOVERN. IF FURTHER CLARIFICATION IS REQUIRED CONTACT THE ENGINEER OF RECORD.
5. SUBSTANTIAL EFFORT HAS BEEN MADE TO PROVIDE ACCURATE DIMENSIONS AND MEASUREMENTS ON THE DRAWINGS TO ASSIST IN THE FABRICATION AND/OR PLACEMENT OF CONSTRUCTION ELEMENTS BUT IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE DIMENSIONS, MEASUREMENTS, AND/OR CLEARANCES SHOWN IN THE CONSTRUCTION DRAWINGS PRIOR TO FABRICATION OR CUTTING OF ANY NEW OR EXISTING CONSTRUCTION ELEMENTS. IF IT IS DETERMINED THAT THERE ARE DISCREPANCIES AND/OR CONFLICTS WITH THE CONSTRUCTION DRAWINGS THE ENGINEER OF RECORD IS TO BE NOTIFIED AS SOON AS POSSIBLE.
6. PRIOR TO THE SUBMISSION OF BIDS, THE BIDDING CONTRACTOR SHALL VISIT THE CELL SITE TO FAMILIARIZE WITH THE EXISTING CONDITIONS AND TO CONFIRM THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DRAWINGS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE ATTENTION OF CROWN CASTLE.
7. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
8. UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
9. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
10. IF THE SPECIFIED EQUIPMENT CAN NOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY THE CARRIER AND CROWN CASTLE PRIOR TO PROCEEDING WITH ANY SUCH CHANGE OF INSTALLATION.
11. CONTRACTOR IS TO PERFORM A SITE INVESTIGATION AND IS TO DETERMINE THE BEST ROUTING OF ALL CONDUITS FOR POWER, AND TELCO AND FOR GROUNDING CABLES AS SHOWN IN THE POWER, TELCO, AND GROUNDING PLAN DRAWINGS.
12. THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF CROWN CASTLE USA INC.
13. CONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.
14. CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION. TRASH AND DEBRIS SHOULD BE REMOVED FROM SITE ON A DAILY BASIS.

CONCRETE, FOUNDATIONS, AND REINFORCING STEEL:

1. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI 301, ACI 318, ACI 336, ASTM A184, ASTM A185 AND THE DESIGN AND CONSTRUCTION SPECIFICATION FOR CAST–IN–PLACE CONCRETE.
2. UNLESS NOTED OTHERWISE, SOIL BEARING PRESSURE USED FOR DESIGN OF SLABS AND FOUNDATIONS IS ASSUMED TO BE 1000 psf.
3. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (f'c) OF 3000 psi AT 28 DAYS, UNLESS NOTED OTHERWISE. NO MORE THAN 90 MINUTES SHALL ELAPSE FROM BATCH TIME TO TIME OF PLACEMENT UNLESS APPROVED BY THE ENGINEER OF RECORD. TEMPERATURE OF CONCRETE SHALL NOT EXCEED 90°f AT TIME OF PLACEMENT.
4. CONCRETE EXPOSED TO FREEZE–THAW CYCLES SHALL CONTAIN AIR ENTRAINING ADMIXTURES. AMOUNT OF AIR ENTRAINMENT TO BE BASED ON SIZE OF AGGREGATE AND F3 CLASS EXPOSURE (VERY SEVERE). CEMENT USED TO BE TYPE II PORTLAND CEMENT WITH A MAXIMUM WATER–TO–CEMENT RATIO (W/C) OF 0.45.
5. ALL STEEL REINFORCING SHALL CONFORM TO ASTM A615. ALL WELDED WIRE FABRIC (WWF) SHALL CONFORM TO ASTM A185. ALL SPLICES SHALL BE CLASS "B" TENSION SPLICES, UNLESS NOTED OTHERWISE. ALL HOOKS SHALL BE STANDARD 90 DEGREE HOOKS, UNLESS NOTED OTHERWISE. YIELD STRENGTH (Fy) OF STANDARD DEFORMED BARS ARE AS FOLLOWS:
   #4 BARS AND SMALLER....................40 ksi
   #5 BARS AND LARGER....................60 ksi
6. THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL UNLESS SHOWN OTHERWISE ON DRAWINGS:
   CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH..........3"
   CONCRETE EXPOSED TO EARTH OR WEATHER:
   #6 BARS AND LARGER....................2"
   #5 BARS AND SMALLER....................1–1/2"
   CONCRETE NOT EXPOSED TO EARTH OR WEATHER:
   SLAB AND WALLS....................3/4"
   BEAMS AND COLUMNS....................1–1/2"
7. A TOOLED EDGE OR A 3/4" CHAMFER SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE, UNLESS NOTED OTHERWISE, IN ACCORDANCE WITH ACI 301 SECTION 4.2.4.

ELECTRICAL INSTALLATION NOTES:

1. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, NEC AND ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES/ORDINANCES.
2. CONDUIT ROUTINGS ARE SCHEMATIC. CONTRACTOR SHALL INSTALL CONDUITS SO THAT ACCESS TO EQUIPMENT IS NOT BLOCKED AND TRIP HAZARDS ARE ELIMINATED.
3. WIRING, RACEWAY AND SUPPORT METHODS AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE NEC.
4. ALL CIRCUITS SHALL BE SEGREGATED AND MAINTAIN MINIMUM CABLE SEPARATION AS REQUIRED BY THE NEC.
   4.1. ALL EQUIPMENT SHALL BEAR THE UNDERWRITERS LABORATORIES LABEL OF APPROVAL, AND SHALL CONFORM TO REQUIREMENT OF THE NATIONAL ELECTRICAL CODE.
   4.2. ALL OVERCURRENT DEVICES SHALL HAVE AN INTERRUPTING CURRENT RATING THAT SHALL BE GREATER THAN THE SHORT CIRCUIT CURRENT TO WHICH THEY ARE SUBJECTED, 22,000 AIC MINIMUM. VERYIFY AVAILABLE SHORT CIRCUIT CURRENT DOES NOT EXCEED THE RATING OF ELECTRICAL EQUIPMENT IN ACCORDANCE WITH ARTICLE 110.24 NEC OR THE MOST CURRENT ADOPTED CODE PRE THE GOVERNING JURISDICTION.
5. EACH END OF EVERY POWER PHASE CONDUCTOR, GROUNDING CONDUCTOR, AND TELCO CONDUCTOR OR CABLE SHALL BE LABELED WITH COLOR–CODED INSULATION OR ELECTRICAL TAPE (3M BRAND, 1/2" PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, OR EQUAL). THE IDENTIFICATION METHOD SHALL CONFORM WITH NEC AND OSHA.
6. ALL ELECTRICAL COMPONENTS SHALL BE CLEARLY LABELED WITH LAMICOID TAGS SHOWING THEIR RATED VOLTAGE, PHASE CONFIGURATION, WIRE CONFIGURATION, POWER OR AMPACITY RATING AND BRANCH CIRCUIT ID NUMBERS (i.e. PANEL BOARD AND CIRCUIT ID'S).
7. PANEL BOARDS (ID NUMBERS) SHALL BE CLEARLY LABELED WITH PLASTIC LABELS.
8. ALL TIE WRAPS SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP EDGES.
9. ALL POWER AND EQUIPMENT GROUND WIRING IN TUBING OR CONDUIT SHALL BE SINGLE COPPER CONDUCTOR (#14 OR LARGER) WITH TYPE THHW, THWN, THWN–2, XHHW, XHHW–2, THW, THW–2, RHW, OR RHW–2 INSULATION UNLESS OTHERWISE SPECIFIED.
10. SUPPLEMENTAL EQUIPMENT GROUND WIRING LOCATED INDOORS SHALL BE SINGLE COPPER CONDUCTOR (#6 OR LARGER) WITH TYPE THHW, THWN, THWN–2, XHHW, XHHW–2, THW, THW–2, RHW, OR RHW–2 INSULATION UNLESS OTHERWISE SPECIFIED.
11. POWER AND CONTROL WIRING IN FLEXIBLE CORD SHALL BE MULTI–CONDUCTOR, TYPE SOOW CORD (#14 OR LARGER) UNLESS OTHERWISE SPECIFIED.
12. POWER AND CONTROL WIRING FOR USE IN CABLE TRAY SHALL BE MULTI–CONDUCTOR, TYPE TC CABLE (#14 OR LARGER), WITH TYPE THHW, THWN, THWN–2, XHHW, XHHW–2, THW, THW–2, RHW, OR RHW–2 INSULATION UNLESS OTHERWISE SPECIFIED.
13. ALL POWER AND GROUNDING CONNECTIONS SHALL BE CRIMP–STYLE, COMPRESSION WIRE LUGS AND WIRE NUTS BY THOMAS AND BETTS (OR EQUAL). LUGS AND WIRE NUTS SHALL BE RATED FOR OPERATION NOT LESS THAN 75° C (90° C IF AVAILABLE).
14. RACEWAY AND CABLE TRAY SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE AND NEC.
15. ELECTRICAL METALLIC TUBING (EMT), INTERMEDIATE METAL CONDUIT (IMC), OR RIGID METAL CONDUIT (RMC) SHALL BE USED FOR EXPOSED INDOOR LOCATIONS.
16. ELECTRICAL METALLIC TUBING (EMT) OR METAL–CLAD CABLE (MC) SHALL BE USED FOR CONCEALED INDOOR LOCATIONS.
17. SCHEDULE 40 PVC UNDERGROUND ON STRAIGHTS AND SCHEDULE 80 PVC FOR ALL ELBOWS/90s AND ALL APPROVED ABOVE GRADE PVC CONDUIT.
18. LIQUID–TIGHT FLEXIBLE METALLIC CONDUIT (LIQUID–TITE FLEX) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION OCCURS OR FLEXIBILITY IS NEEDED.
19. CONDUIT AND TUBING FITTINGS SHALL BE THREADED OR COMPRESSION–TYPE AND APPROVED FOR THE LOCATION USED. SET SCREW FITTINGS ARE NOT ACCEPTABLE.
20. CABINETS, BOXES AND WIRE WAYS SHALL BE LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE AND THE NEC.
21. WIREWAYS SHALL BE METAL WITH AN ENAMEL FINISH AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWNWARDS (WIREMOLD SPECMATE WIREWAY).
22. SLOTTED WIRING DUCT SHALL BE PVC AND INCLUDE COVER (PANDUIT TYPE E OR EQUAL).
23. CONDUITS SHALL BE FASTENED SECURELY IN PLACE WITH APPROVED NON–PERFORATED STRAPS AND HANGERS. EXPLOSIVE DEVICES (i.e. POWDER–ACTUATED) FOR ATTACHING HANGERS TO STRUCTURE WILL NOT BE PERMITTED. CLOSELY FOLLOW THE LINES OF THE STRUCTURE, MAINTAIN CLOSE PROXIMITY TO THE STRUCTURE AND KEEP CONDUITS IN TIGHT ENVELOPES. CHANGES IN DIRECTION TO ROUTE AROUND OBSTACLES SHALL BE MADE WITH CONDUIT OUTLET BODIES. CONDUIT SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. PARALLEL AND PERPENDICULAR TO STRUCTURE WALL AND CEILING LINES. ALL CONDUIT SHALL BE FISHED TO CLEAR OBSTRUCTIONS. ENDS OF CONDUITS SHALL BE TEMPORARILY CAPPED FLUSH TO FINISH GRADE TO PREVENT CONCRETE, PLASTER OR DIRT FROM ENTERING. CONDUITS SHALL BE RIGIDLY CLAMPED TO BOXES BY GALVANIZED MALLEABLE IRON BUSHING ON INSIDE AND GALVANIZED MALLEABLE IRON LOCKNUT ON OUTSIDE AND INSIDE.
24. EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES AND PULL BOXES SHALL BE GALVANIZED OR EPOXY–COATED SHEET STEEL. SHALL MEET OR EXCEED UL 50 AND BE RATED NEMA 1 (OR BETTER) FOR INTERIOR LOCATIONS AND NEMA 3R (OR BETTER) FOR EXTERIOR LOCATIONS.
25. METAL RECEPTACLE, SWITCH AND DEVICE BOXES SHALL BE GALVANIZED, EPOXY–COATED OR NON–CORRODING; SHALL MEET OR EXCEED UL 514A AND NEMA OS 1 AND BE RATED NEMA 1 (OR BETTER) FOR INTERIOR LOCATIONS AND WEATHER PROTECTED (WP OR BETTER) FOR EXTERIOR LOCATIONS.
26. NONMETALLIC RECEPTACLE, SWITCH AND DEVICE BOXES SHALL MEET OR EXCEED NEMA OS 2 (NEWEST REVISION) AND BE RATED NEMA 1 (OR BETTER) FOR INTERIOR LOCATIONS AND WEATHER PROTECTED (WP OR BETTER) FOR EXTERIOR LOCATIONS.
27. THE CONTRACTOR SHALL NOTIFY AND OBTAIN NECESSARY AUTHORIZATION FROM THE CARRIER AND/OR CROWN CASTLE USA INC. BEFORE COMMENCING WORK ON THE AC POWER DISTRIBUTION PANELS.
28. THE CONTRACTOR SHALL PROVIDE NECESSARY TAGGING ON THE BREAKERS, CABLES AND DISTRIBUTION PANELS IN ACCORDANCE WITH THE APPLICABLE CODES AND STANDARDS TO SAFEGUARD LIFE AND PROPERTY.
29. INSTALL LAMICOID LABEL ON THE METER CENTER TO SHOW "VERIZON".
30. ALL EMPTY/SPARE CONDUITS THAT ARE INSTALLED ARE TO HAVE A METERED MULE TAPE PULL CORD INSTALLED.

CONDUCTOR COLOR CODE		
SYSTEM	CONDUCTOR	COLOR
120/240V, 1Ø	A PHASE	BLACK
	B PHASE	RED
	NEUTRAL	WHITE
	GROUND	GREEN
120/208V, 3Ø	A PHASE	BLACK
	B PHASE	RED
	C PHASE	BLUE
	NEUTRAL	WHITE
	GROUND	GREEN
277/480V, 3Ø	A PHASE	BROWN
	B PHASE	ORANGE OR PURPLE
	C PHASE	YELLOW
	NEUTRAL	GREY
	GROUND	GREEN
DC VOLTAGE	POS (+)	RED**
	NEG (–)	BLACK**

* SEE NEC 210.5(C)(1) AND (2)
** POLARITY MARKED AT TERMINATION

APWA UNIFORM COLOR CODE:

WHITE	PROPOSED EXCAVATION
PINK	TEMPORARY SURVEY MARKINGS
RED	ELECTRIC POWER LINES, CABLES, CONDUIT, AND LIGHTING CABLES
YELLOW	GAS, OIL, STEAM, PETROLEUM, OR GASEOUS MATERIALS
ORANGE	COMMUNICATION, ALARM OR SIGNAL LINES, CABLES, OR CONDUIT AND TRAFFIC LOOPS
BLUE	POTABLE WATER
PURPLE	RECLAIMED WATER, IRRIGATION, AND SLURRY LINES
GREEN	SEWERS AND DRAIN LINES

ABBREVIATIONS:

ANT	ANTENNA
(E)	EXISTING
FIF	FACILITY INTERFACE FRAME
GEN	GENERATOR
GPS	GLOBAL POSITIONING SYSTEM
GSM	GLOBAL SYSTEM FOR MOBILE
LTE	LONG TERM EVOLUTION
MGB	MASTER GROUND BAR
MW	MICROWAVE
(N)	NEW
NEC	NATIONAL ELECTRIC CODE
(P)	PROPOSED
PP	POWER PLANT
QTY	QUANTITY
RECT	RECTIFIER
RBS	RADIO BASE STATION
RET	REMOTE ELECTRIC TILT
RFDS	RADIO FREQUENCY DATA SHEET
RRH	REMOTE RADIO HEAD
RRU	REMOTE RADIO UNIT
SIAD	SMART INTEGRATED DEVICE
TMA	TOWER MOUNTED AMPLIFIER
TYP	TYPICAL
UMTS	UNIVERSAL MOBILE TELECOMMUNICATIONS SYSTEM
W.P.	WORK POINT

GREENFIELD GROUNDING NOTES:

1. ALL GROUND ELECTRODE SYSTEMS (INCLUDING TELECOMMUNICATION, RADIO, LIGHTNING PROTECTION AND AC POWER GES'S) SHALL BE BONDED TOGETHER AT OR BELOW GRADE, BY TWO OR MORE COPPER BONDING CONDUCTORS IN ACCORDANCE WITH THE NEC.
2. THE CONTRACTOR SHALL PERFORM IEEE FALL–OF–POTENTAL RESISTANCE TO EARTH TESTING (PER IEEE 1100 AND 81) FOR GROUND ELECTRODE SYSTEMS, THE CONTRACTOR SHALL FURNISH AND INSTALL SUPPLEMENTAL GROUND ELECTRODES AS NEEDED TO ACHIEVE A TEST RESULT OF 5 OHMS OR LESS.
3. THE CONTRACTOR IS RESPONSIBLE FOR PROPERLY SEQUENCING GROUNDING AND UNDERGROUND CONDUIT INSTALLATION AS TO PREVENT ANY LOSS OF CONTINUITY IN THE GROUNDING SYSTEM OR DAMAGE TO THE CONDUIT AND PROVIDE TESTING RESULTS.
4. METAL CONDUIT AND TRAY SHALL BE GROUNDED AND MADE ELECTRICALLY CONTINUOUS WITH LISTED BONDING FITTINGS OR BY BONDING ACROSS THE DISCONTINUITY WITH #6 COPPER WIRE UL APPROVED GROUNDING TYPE CONDUIT CLAMPS.
5. METAL RACEWAY SHALL NOT BE USED AS THE NEC REQUIRED EQUIPMENT GROUND CONDUCTOR. STRANDED COPPER CONDUCTORS WITH GREEN INSULATION, SIZED IN ACCORDANCE WITH THE NEC, SHALL BE FURNISHED AND INSTALLED WITH THE POWER CIRCUITS TO BTS EQUIPMENT.
6. EACH CABINET FRAME SHALL BE DIRECTLY CONNECTED TO THE MASTER GROUND BAR WITH GREEN INSULATED SUPPLEMENTAL EQUIPMENT GROUND WIRES, #6 STRANDED COPPER OR LARGER FOR INDOOR BTS; #2 BARE SOLID TINNED COPPER FOR OUTDOOR BTS.
7. CONNECTIONS TO THE GROUND BUS SHALL NOT BE DOUBLED UP OR STACKED BACK TO BACK CONNECTIONS ON OPPOSITE SIDE OF THE GROUND BUS ARE PERMITTED.
8. ALL EXTERIOR GROUND CONDUCTORS BETWEEN EQUIPMENT/GROUND BARS AND THE GROUND RING SHALL BE #2 SOLID TINNED COPPER UNLESS OTHERWISE INDICATED.
9. ALUMINUM CONDUCTOR OR COPPER CLAD STEEL CONDUCTOR SHALL NOT BE USED FOR GROUNDING CONNECTIONS.
10. USE OF 90° BENDS IN THE PROTECTION GROUNDING CONDUCTORS SHALL BE AVOIDED WHEN 45° BENDS CAN BE ADEQUATELY SUPPORTED.
11. EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE.
12. ALL GROUND CONNECTIONS ABOVE GRADE (INTERIOR AND EXTERIOR) SHALL BE FORMED USING HIGH PRESS CRIMPS.
13. COMPRESSION GROUND CONNECTIONS MAY BE REPLACED BY EXOTHERMIC WELD CONNECTIONS.
14. ICE BRIDGE BONDING CONDUCTORS SHALL BE EXOTHERMICALLY BONDED OR BOLTED TO THE BRIDGE AND THE TOWER GROUND BAR.
15. APPROVED ANTIOXIDANT COATINGS (i.e. CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS.
16. ALL EXTERIOR GROUND CONNECTIONS SHALL BE COATED WITH A CORROSION RESISTANT MATERIAL.
17. MISCELLANEOUS ELECTRICAL AND NON–ELECTRICAL METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING, IN ACCORDANCE WITH THE NEC.
18. BOND ALL METALLIC OBJECTS WITHIN 6 ft OF MAIN GROUND RING WITH (1) #2 BARE SOLID TINNED COPPER GROUND CONDUCTOR.
19. GROUND CONDUCTORS USED FOR THE FACILITY GROUNDING AND LIGHTNING PROTECTION SYSTEMS SHALL NOT BE ROUTED THROUGH METALLIC OBJECTS THAT FORM A RING AROUND THE CONDUCTOR, SUCH AS METALLIC CONDUITS, METAL SUPPORT CLIPS OR SLEEVES THROUGH WALLS OR FLOORS. WHEN IT IS REQUIRED TO BE HOUSED IN CONDUIT TO MEET CODE REQUIREMENTS OR LOCAL CONDITIONS, NON–METALLIC MATERIAL SUCH AS PVC CONDUIT SHALL BE USED. WHERE USE OF METAL CONDUIT IS UNAVOIDABLE (i.e., NONMETALLIC CONDUIT PROHIBITED BY LOCAL CODE) THE GROUND CONDUCTOR SHALL BE BONDED TO EACH END OF THE METAL CONDUIT.
20. ALL GROUNDS THAT TRANSITION FROM BELOW GRADE TO ABOVE GRADE MUST BE #2 BARE SOLID TINNED COPPER IN 3/4" NON–METALLIC, FLEXIBLE CONDUIT FROM 24" BELOW GRADE TO WITHIN 3" TO 6" OF CAD–WELD TERMINATION POINT. THE EXPOSED END OF THE CONDUIT MUST BE SEALED WITH SILICONE CAULK. (ADD TRANSITIONING GROUND STANDARD DETAIL AS WELL).
21. BUILDINGS WHERE THE MAIN GROUNDING CONDUCTORS ARE REQUIRED TO BE ROUTED TO GRADE, THE CONTRACTOR SHALL ROUTE TWO GROUNDING CONDUCTORS FROM THE ROOFTOP, TOWERS, AND WATER TOWERS GROUNDING RING, TO THE EXISTING GROUNDING SYSTEM, THE GROUNDING CONDUCTORS SHALL NOT BE SMALLER THAN 2/0 COPPER. ROOFTOP GROUNDING RING SHALL BE BONDED TO THE EXISTING GROUNDING SYSTEM, THE BUILDING STEEL COLUMNS, LIGHTNING PROTECTION SYSTEM, AND BUILDING MAIN WATER LINE (FERROUS OR NONFERROUS METAL PIPING ONLY).

180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

1500 CORPORATE DRIVE
CANONSBURG, PA 15317

INFINIGY
FROM ZERO TO INFINIGY
the solutions are endless
BELLEVUE, WA 98004

VERIZON SITE NUMBER:
468071

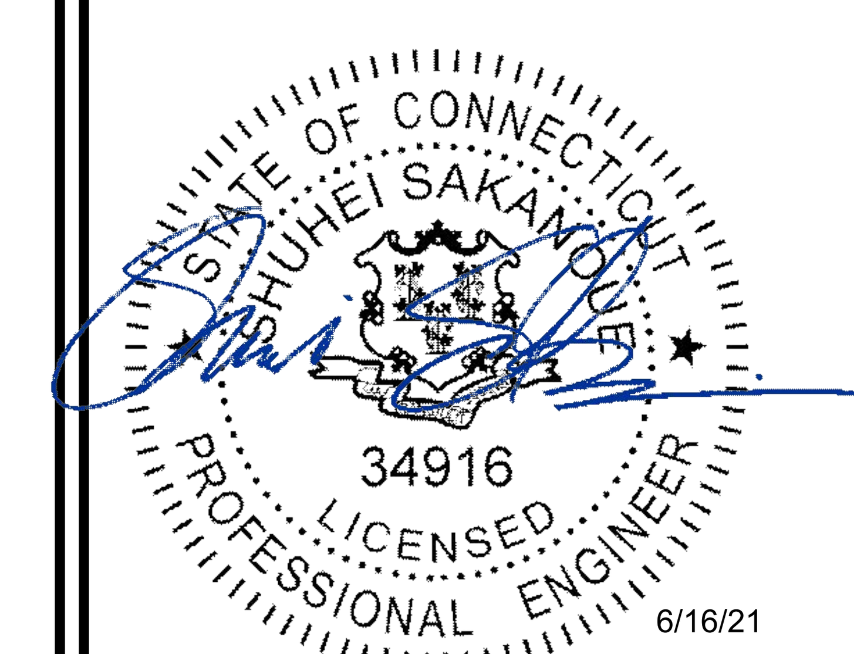
BU #: **801367**
CT NHV-2075 CAC 801367

1121 Summit Road
Cheshire, CT 06410

EXISTING 167'-0" MONOPOLE

ISSUED FOR:

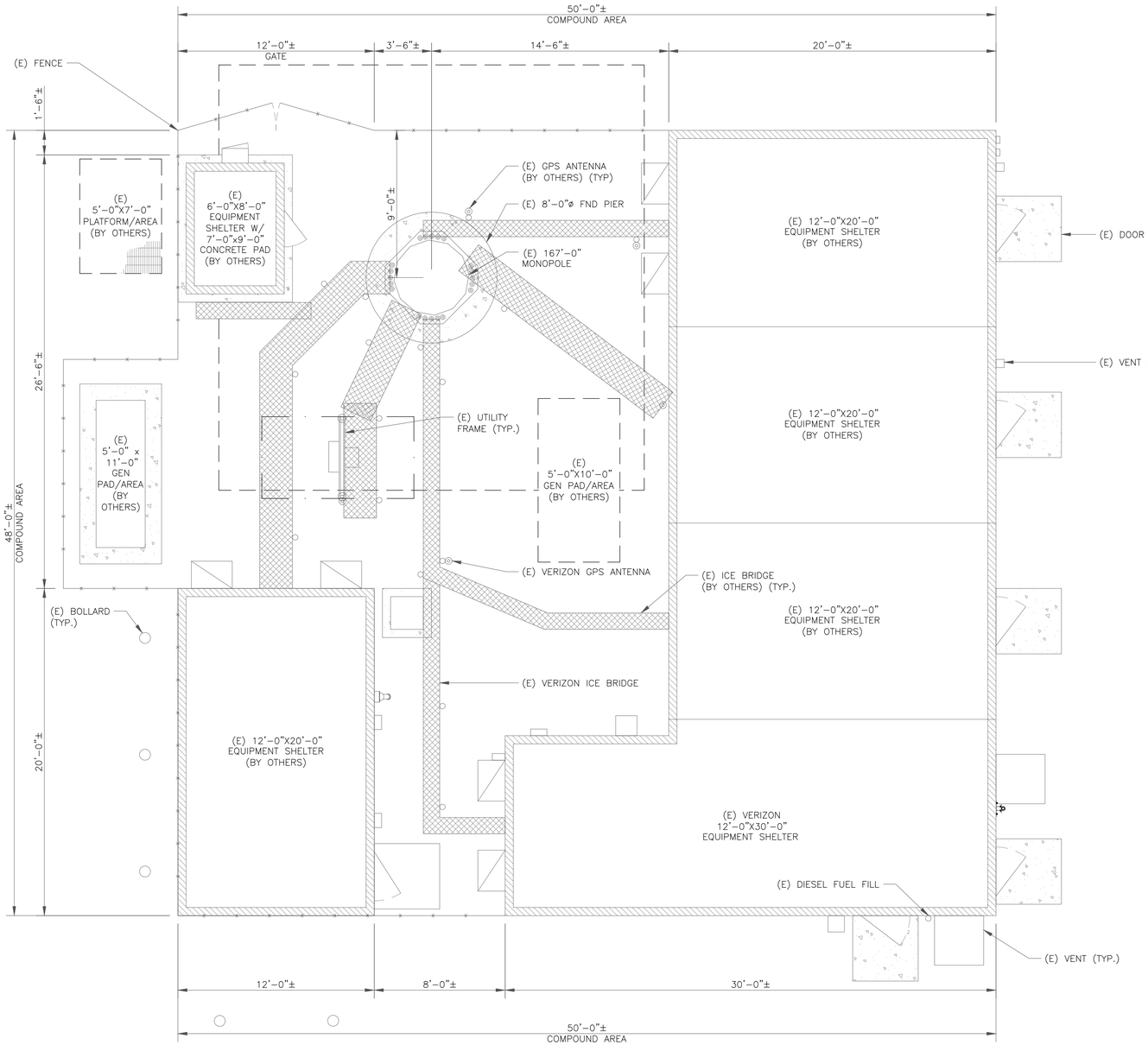
REV	DATE	DRWN	DESCRIPTION	DES./QA
A	06/14/2021	RCD	FINAL	--



6/16/21

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

SHEET NUMBER: **T-2**
REVISION: **A**



1 SITE PLAN

SCALE: 4' 3' 2' 1' 0 4' 1/4"=1'-0" (FULL SIZE) 1/8"=1'-0" (11x17)

N

verizon

180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN CASTLE

1500 CORPORATE DRIVE
CANONSBURG, PA 15317

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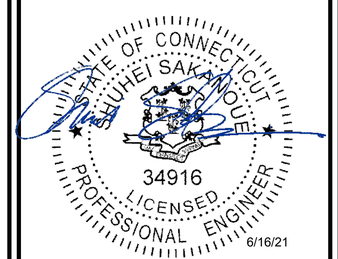
CT NHV-2075 CAC 801367

1121 Summit Road
Cheshire, CT 06410

EXISTING 167'-0" MONOPOLE

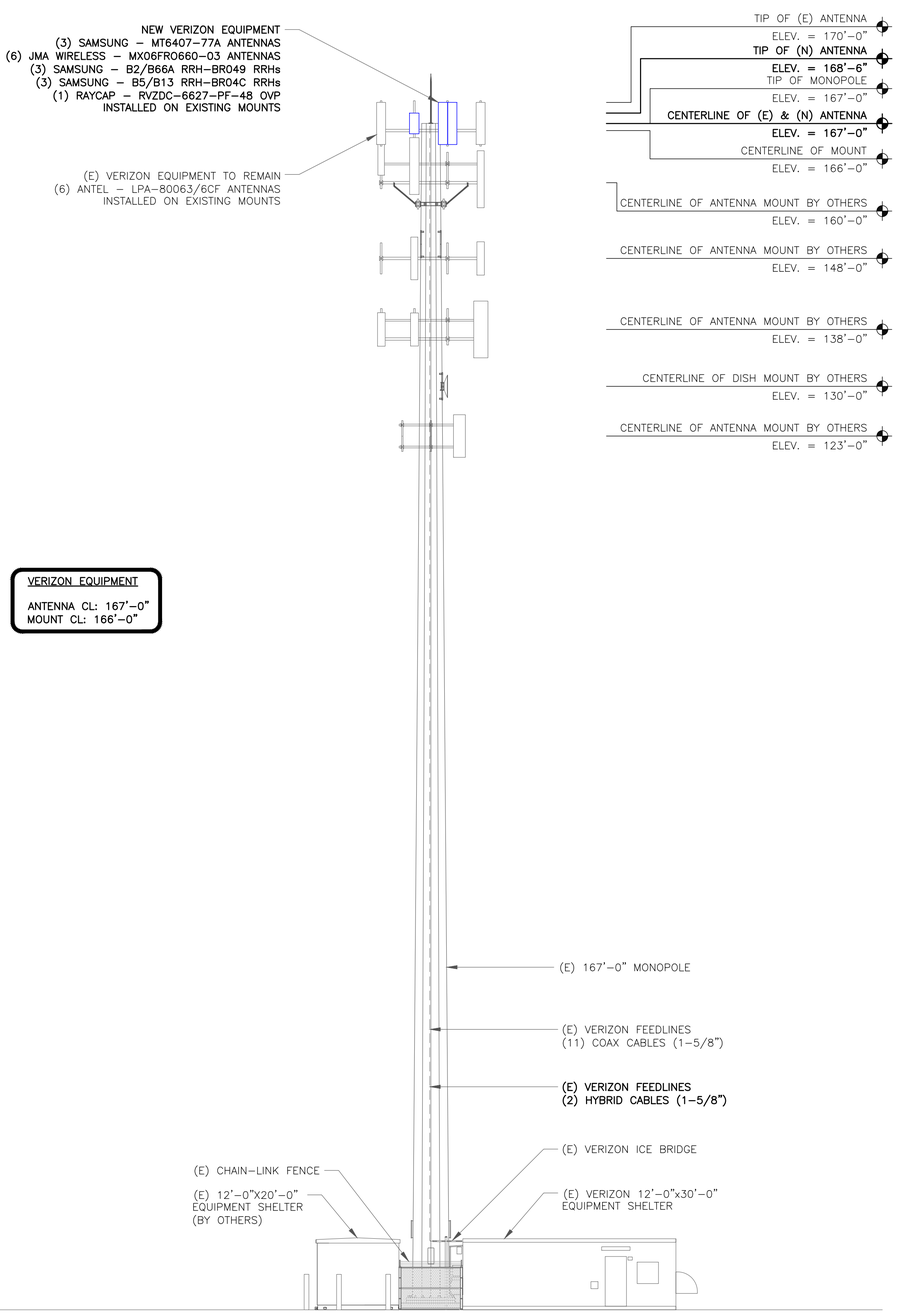
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
A	06/14/2021	RCD	FINAL	--

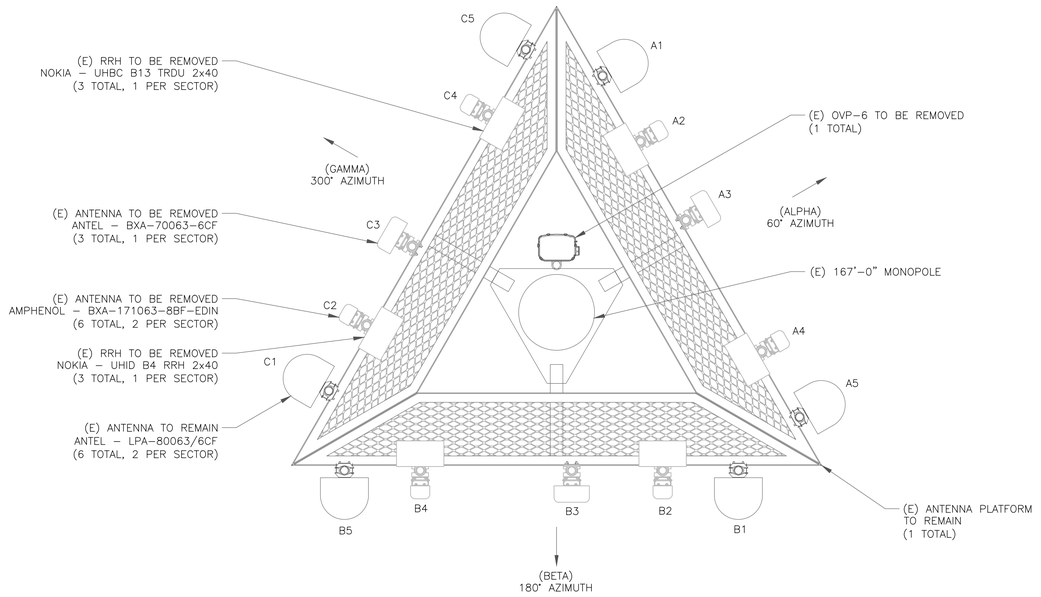


SHEET NUMBER: C-1

REVISION: A

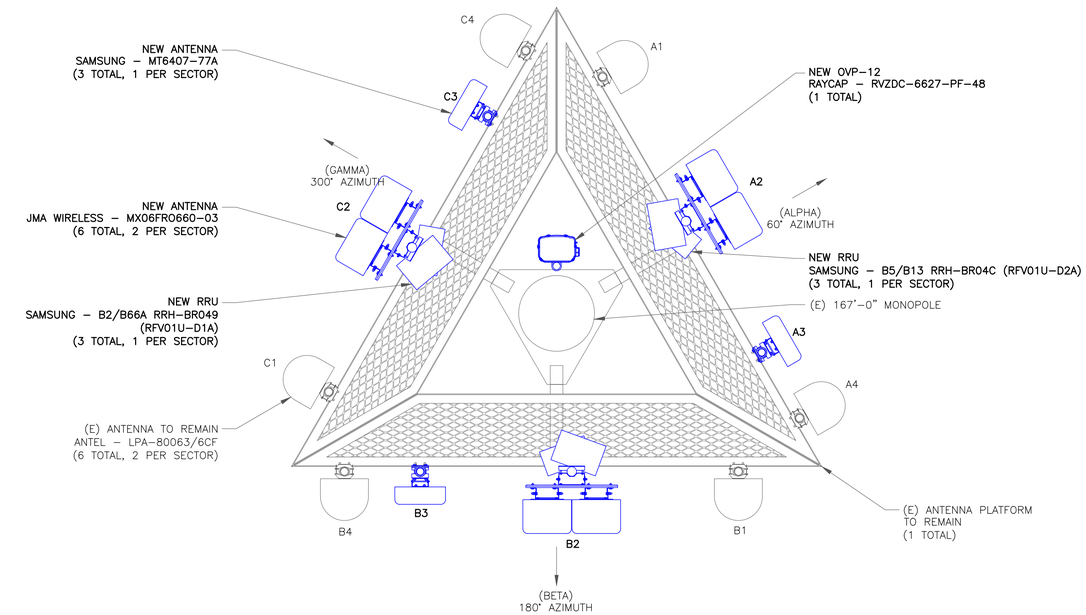


1 TOWER ELEVATION
SCALE: NOT TO SCALE



2 EXISTING ANTENNA PLAN
SCALE: NOT TO SCALE

N



3 NEW ANTENNA PLAN
SCALE: NOT TO SCALE

N

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VERIZON SITE NUMBER:
468071

BU #: **801367**
CT NHV-2075 CAC 801367

1121 Summit Road
Cheshire, CT 06410

EXISTING 167'-0" MONOPOLE

ISSUED FOR:

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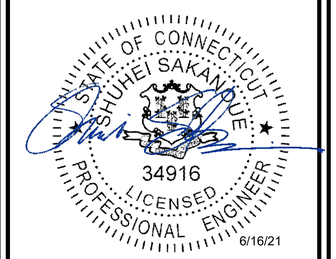


SHEET NUMBER: C-2

REVISION: A

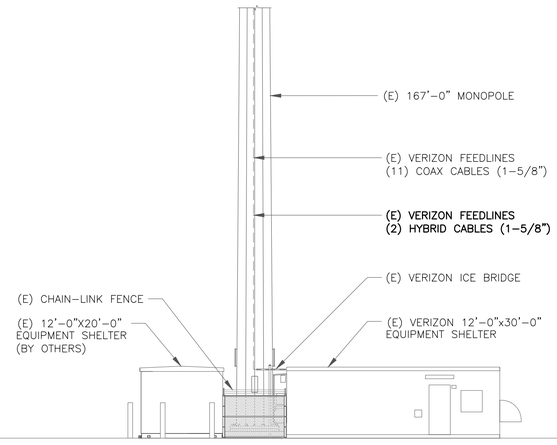
ANTENNA/RRH SCHEDULE

SECTOR	STATUS	ANTENNA MANUFACTURER	ANTENNA MODEL	ANTENNA CENTERLINE	AZIMUTH	MECHANICAL DOWNTILTS	ELECTRICAL DOWNTILTS	TOWER EQUIPMENT MANUFACTURER	TOWER EQUIPMENT QTY/MODEL
A1	EXISTING	ANTEL	LPA-80063/6CF	167'-0"	60°	8°	0°	–	–
A2	NEW	JMA WIRELESS	MX06FRO660-03	167'-0"	60°	3°	7°/7°/7°/7°	SAMSUNG	B2/B66A RRH-BR049 (RFV01U-D1A)
	NEW	JMA WIRELESS	MX06FRO660-03	167'-0"	60°	3°	7°/7°/7°/7°	SAMSUNG	B5/B13 RRH-BR04C (RFV01U-D2A)
A3	NEW	SAMSUNG	MT6407-77A	167'-0"	60°	0°	6°	–	–
A4	EXISTING	ANTEL	LPA-80063/6CF	167'-0"	60°	8°	0°	–	–
B1	EXISTING	ANTEL	LPA-80063/6CF	167'-0"	180°	10°	0°	–	–
B2	NEW	JMA WIRELESS	MX06FRO660-03	167'-0"	180°	3°	2°/2°/2°/7°	SAMSUNG	B2/B66A RRH-BR049 (RFV01U-D1A)
	NEW	JMA WIRELESS	MX06FRO660-03	167'-0"	180°	3°	2°/2°/2°/7°	SAMSUNG	B5/B13 RRH-BR04C (RFV01U-D2A)
B3	NEW	SAMSUNG	MT6407-77A	167'-0"	180°	0°	6°	–	–
B4	EXISTING	ANTEL	LPA-80063/6CF	167'-0"	180°	10°	0°	–	–
C1	EXISTING	ANTEL	LPA-80063/6CF	167'-0"	300°	9°	0°	–	–
C2	NEW	JMA WIRELESS	MX06FRO660-03	167'-0"	300°	3°	3°/3°/3°/7°	SAMSUNG	B2/B66A RRH-BR049 (RFV01U-D1A)
	NEW	JMA WIRELESS	MX06FRO660-03	167'-0"	300°	3°	3°/3°/3°/7°	SAMSUNG	B5/B13 RRH-BR04C (RFV01U-D2A)
C3	NEW	SAMSUNG	MT6407-77A	167'-0"	300°	0°	6°	–	–
C4	EXISTING	ANTEL	LPA-80063/6CF	167'-0"	300°	9°	0°	–	–

1 VERIZON TOWER EQUIPMENT SCHEDULE
SCALE: NOT TO SCALE

CABLE SCHEDULE

STATUS	CABLE TYPE	SIZE	LENGTH	QTY
EXISTING	COAX	1-5/8"	217'-0"±	17
NEW	HYBRID	1-5/8"	217'-0"±	2
TOTAL CABLE QTY:				19



2 BASE LEVEL DETAIL
SCALE: NOT TO SCALE

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VERIZON SITE NUMBER:
468071

BU #: **801367**
CT NHV-2075 CAC 801367

1121 Summit Road
Cheshire, CT 06410

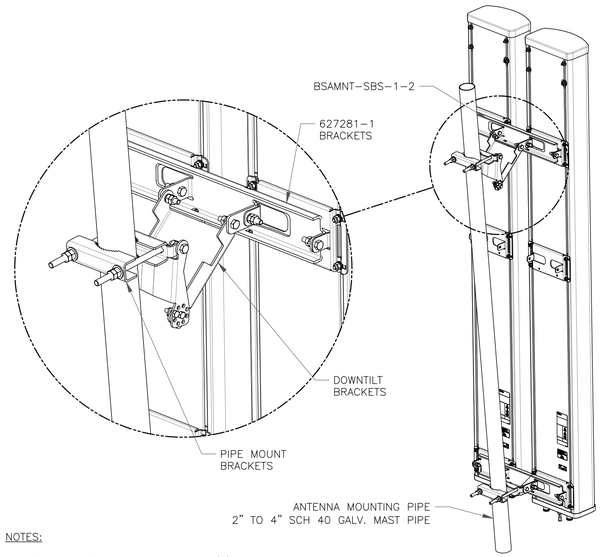
EXISTING 167'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
A	06/14/2021	RCD	FINAL	--

STATE OF CONNECTICUT
YUHEI SAKAMOTO
34916
LICENSED PROFESSIONAL ENGINEER
6/16/21

SHEET NUMBER: C-3
REVISION: A

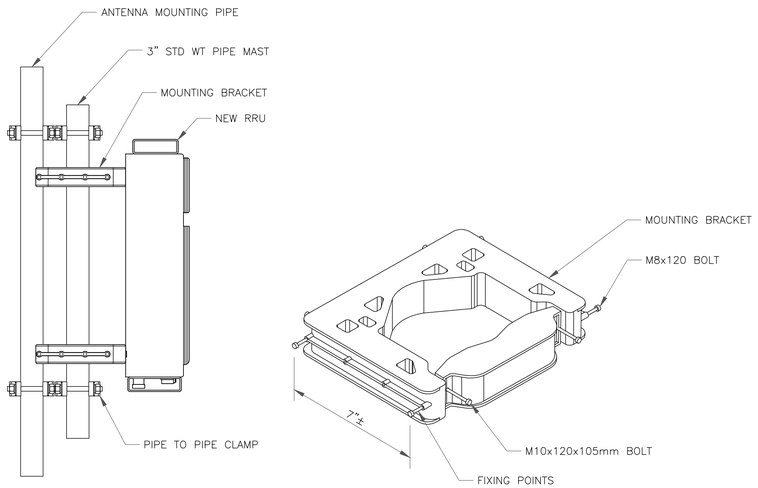


NOTES:

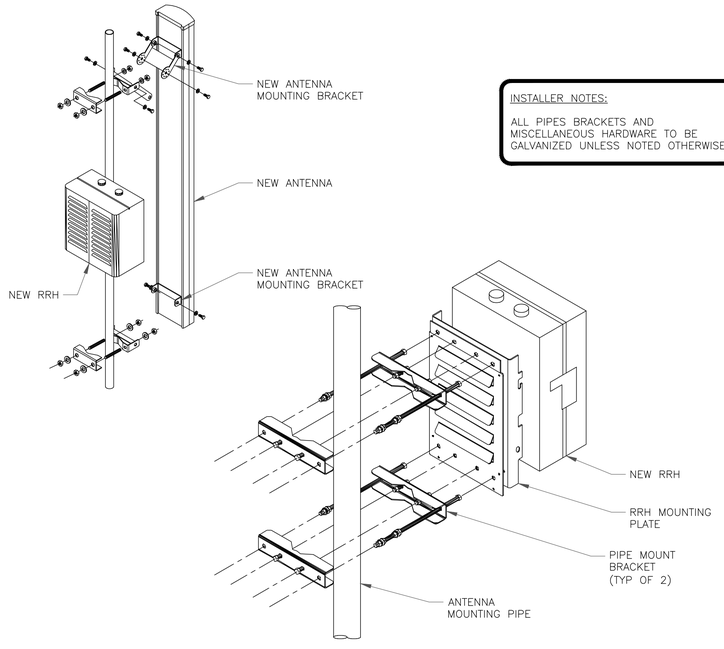
- BSAMNT-SBS-1-2 KIT CONTAINS (2) 627281 MOUNTING BRACKETS.
- TORQUE THE M10 BOLT ASSEMBLY TO 37 N.m. PER MANUFACTURE'S RECOMMENDATIONS.

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

2 NOT USED
SCALE: NOT TO SCALE



3 NOKIA – FPKA BRACKET MOUNTING DETAIL
SCALE: NOT TO SCALE



INSTALLER NOTES:

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

4 ANTENNA & RRH MOUNTING DETAIL
SCALE: NOT TO SCALE

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PROFESSIONAL ENGINEER
6/16/21

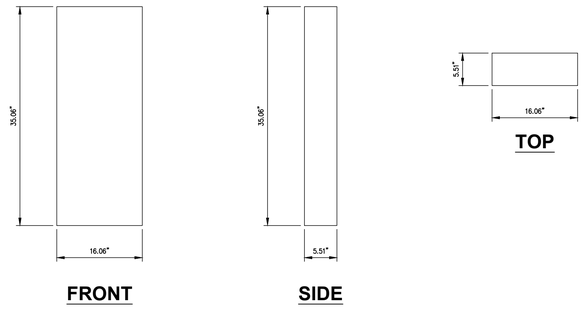
SHEET NUMBER: C-4

REVISION: A

SAMSUNG PANEL ANTENNA (MT6407-77A)

DIMENSIONS, HxWxD: 35.06"x16.06"x5.51"

WEIGHT, W/O BRACKETS: 81.57 lbs



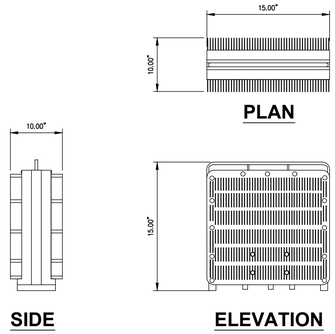
1 SAMSUNG MT6407-77A ANTENNA DETAIL
SCALE: NOT TO SCALE

SAMSUNG B2/B66A RRH-BR049 (RFV01U-D1A)

DIMENSIONS, WxDxH: 15.00" X 15.00" X 10.00"

TOTAL WEIGHT: 84.40 lbs

TEMPERATURE: -40° TO 55° C



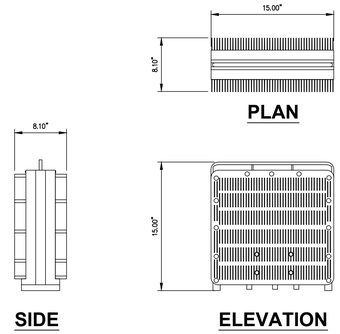
2 SAMSUNG B2/B66A RRH-BR049 DETAIL
SCALE: NOT TO SCALE

SAMSUNG B5/B13 RRH-BR04C (RFV01U-D2A)

DIMENSIONS, WxDxH: 15.00" X 15.00" X 8.10"

TOTAL WEIGHT: 70.30 lbs

TEMPERATURE: -40° TO 55° C

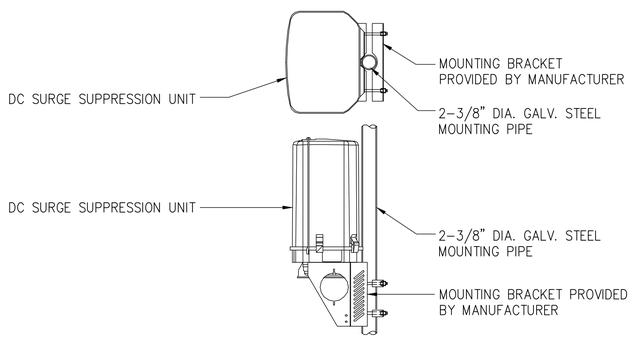


2 SAMSUNG B5/B13 RRH-BR04C DETAIL
SCALE: NOT TO SCALE

RAYCAP (RVZDC-6627-PF-48)

DIMENSIONS, HxWxD: 28.93"x15.73"x10.31"

WEIGHT, W/O BRACKETS: 32.0 lbs

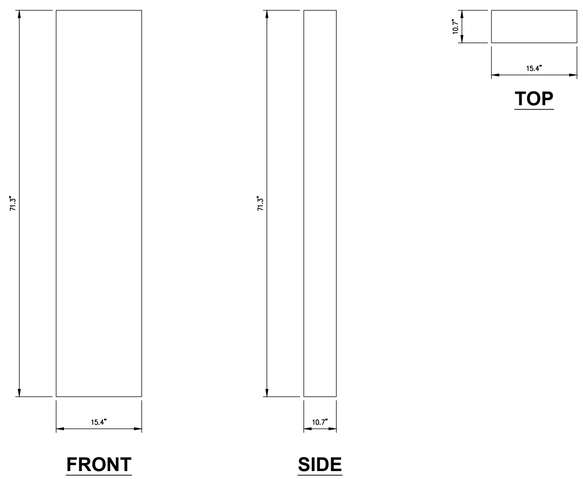


4 RVZDC-6627-PF-48 OVP DETAIL
SCALE: NOT TO SCALE

JMA WIRELESS PANEL ANTENNA (MX06FRO660-03)

DIMENSIONS, HxWxD: 71.3"x15.40"x10.70"

WEIGHT, W/O BRACKETS: 78.0 lbs



5 JMA WIRELESS MX06FRO660-03 ANTENNA DETAIL
SCALE: NOT TO SCALE

6 NOT USED
SCALE: NOT TO SCALE

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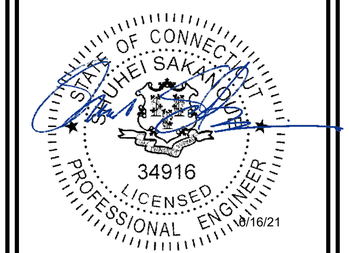
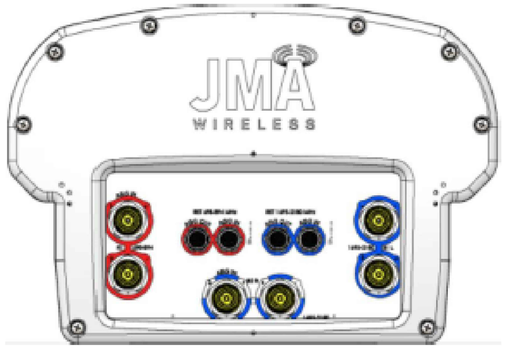


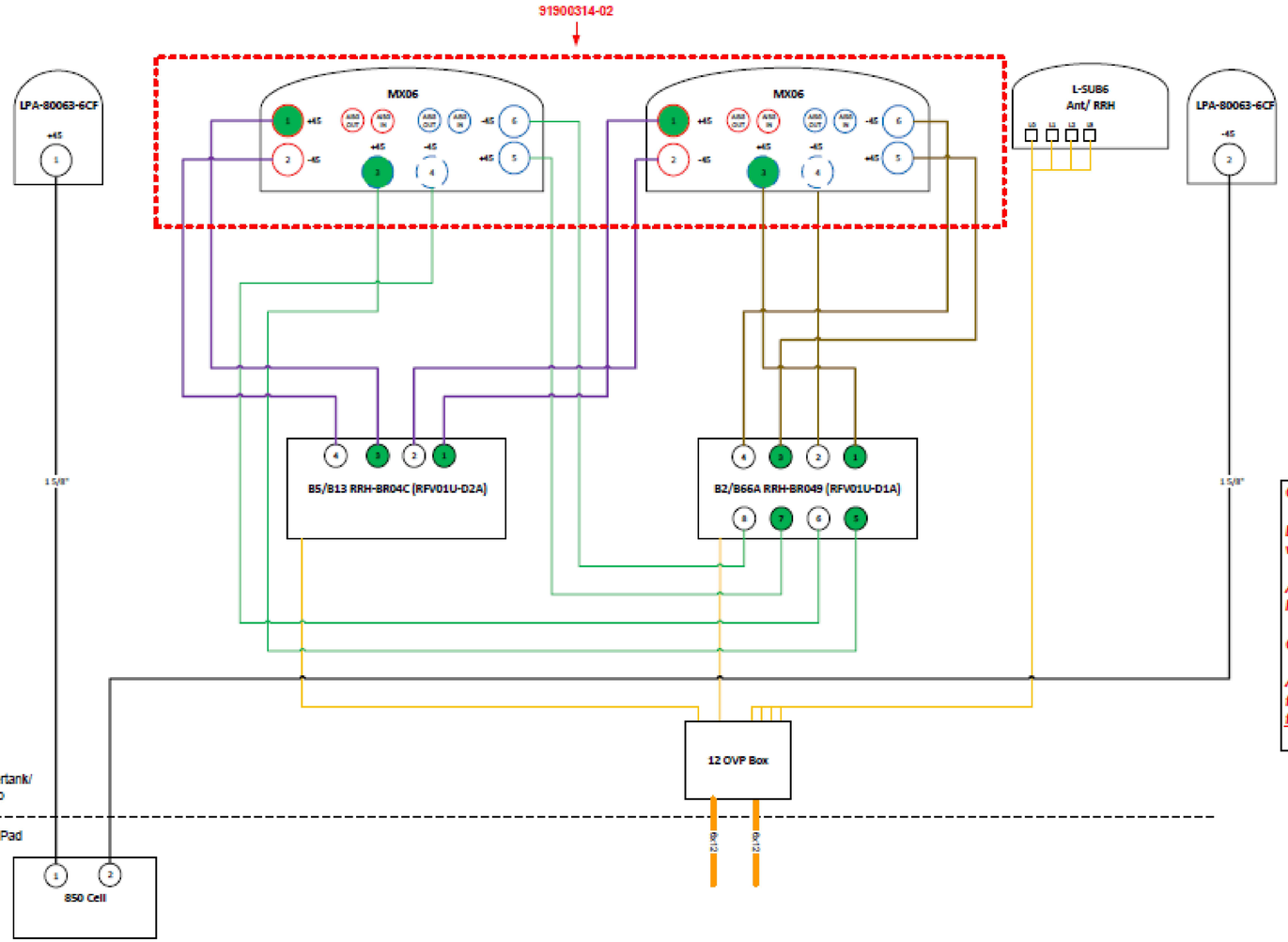
SHEET NUMBER: C-5

REVISION: A



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

RET DC signal pass for RET
(Port that will control RET)



DC signal capable Port

AISG Cable

RET DC signal pass for RET
(Port that will control RET)

Hybriflex cables

Comments:

Diagram shows antenna port configuration as viewed from below antennas.

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

Cap and weatherproof unused antenna ports.

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

1 PLUMBING DIAGRAM
SCALE: NOT TO SCALE

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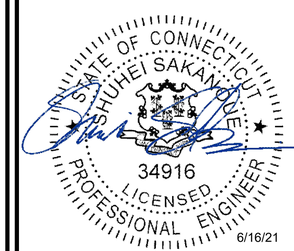
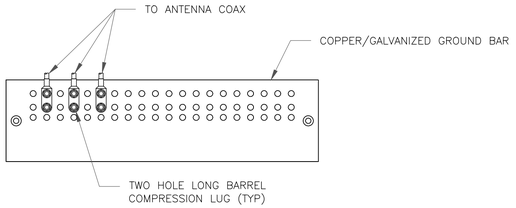


SHEET NUMBER: C-6

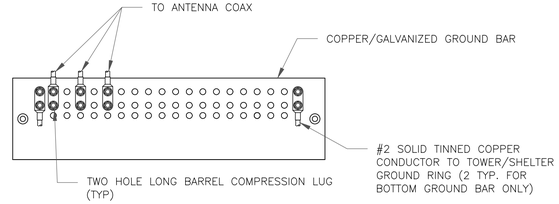
REVISION: A



NOTES:

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

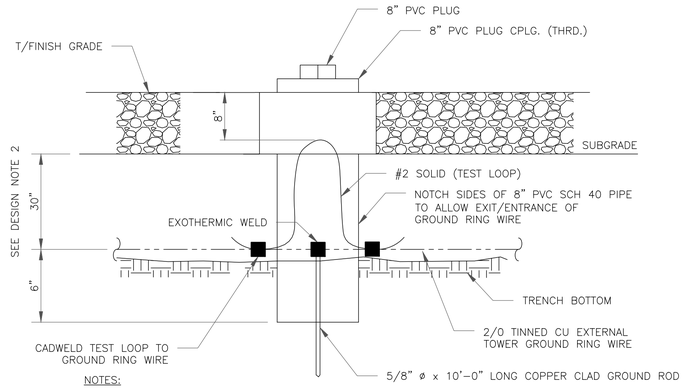
1 ANTENNA SECTOR GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

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

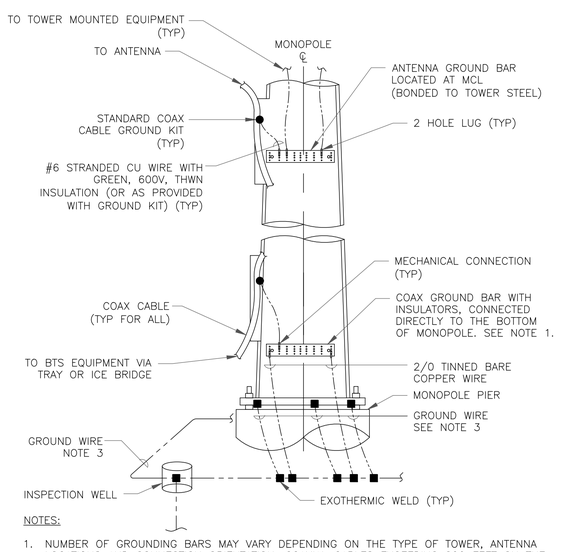
2 TOWER/SHELTER GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

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

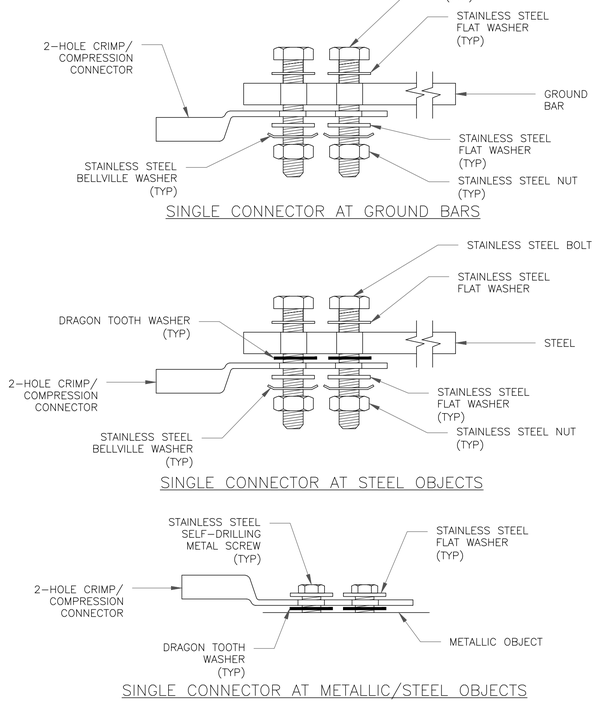
3 INSPECTION WELL DETAIL
SCALE: NOT TO SCALE



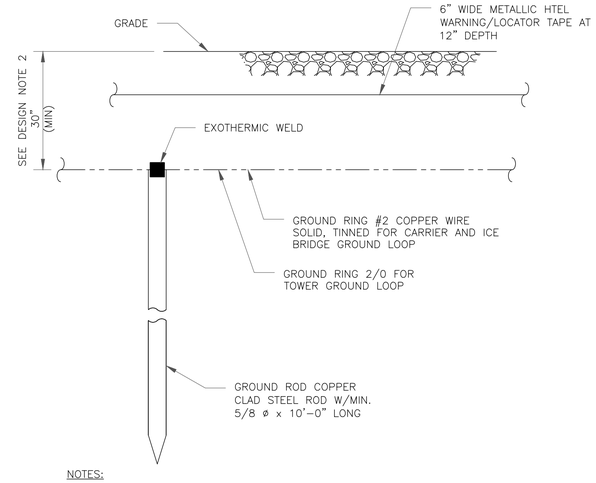
NOTES:

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

4 TYPICAL ANTENNA CABLE GROUNDING
SCALE: NOT TO SCALE



5 HARDWARE DETAIL FOR EXTERIOR CONNECTIONS
SCALE: NOT TO SCALE



NOTES:

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

6 GROUND ROD DETAIL
SCALE: NOT TO SCALE

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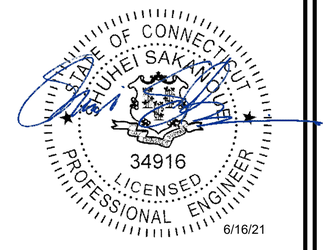
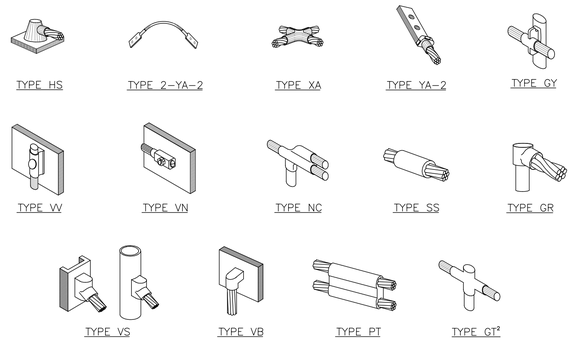


SHEET NUMBER: G-1

REVISION: A

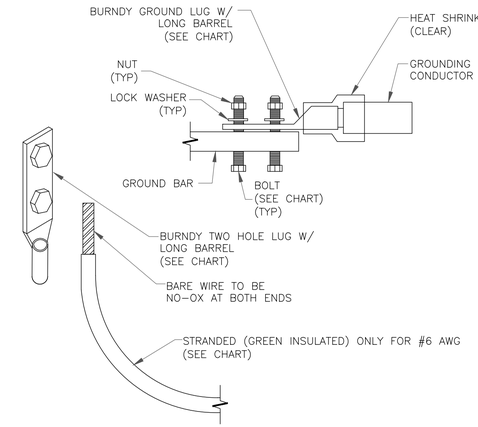


NOTE:

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

1 CADWELD GROUNDING CONNECTIONS
SCALE: NOT TO SCALE

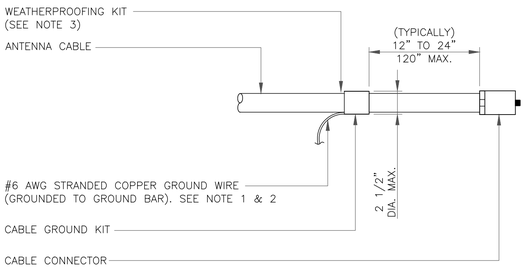
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 AWG GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG SOLID TINNED	YA3C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG STRANDED	YA2C-2TC38	3/8" - 16 NC S 2 BOLT
#2/0 AWG STRANDED	YA26-2TC38	3/8" - 16 NC S 2 BOLT
#4/0 AWG STRANDED	YA28-2N	1/2" - 16 NC S 2 BOLT



NOTES:

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

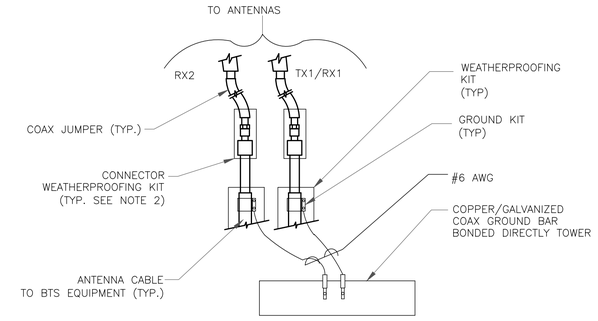
2 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE



NOTES:

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

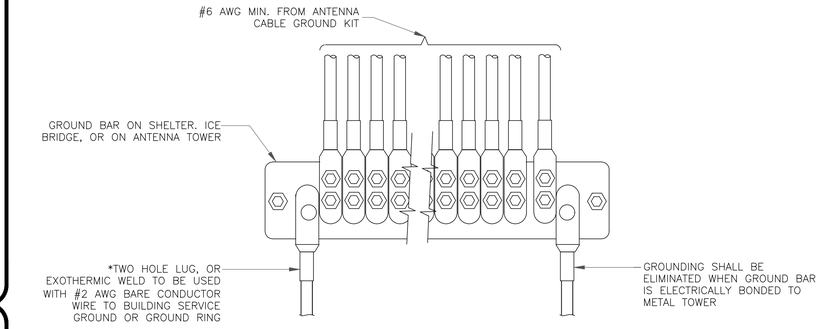
3 CABLE GROUND KIT CONNECTION
SCALE: NOT TO SCALE



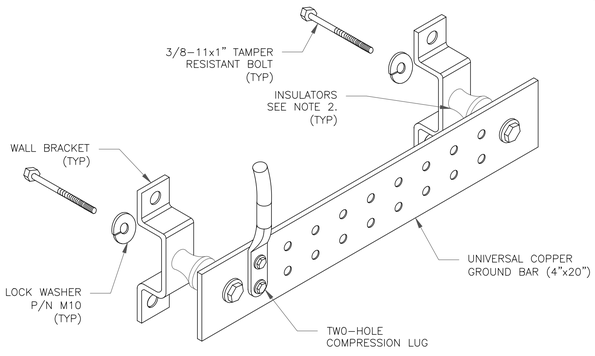
NOTES:

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

4 GROUND CABLE CONNECTION
SCALE: NOT TO SCALE



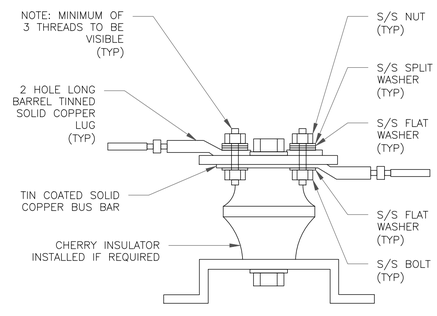
5 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



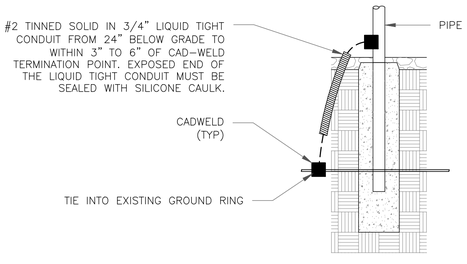
NOTES:

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

6 GROUND BAR DETAIL
SCALE: NOT TO SCALE



7 LUG DETAIL
SCALE: NOT TO SCALE



8 TRANSITIONING GROUND DETAIL
SCALE: NOT TO SCALE

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN CASTLE
1500 CORPORATE DRIVE
CANONSBURG, PA 15317

INFINIGY
FROM ZERO TO INFINIGY
the solutions are endless
BELLEVUE, WA 98004

VERIZON SITE NUMBER:
468071

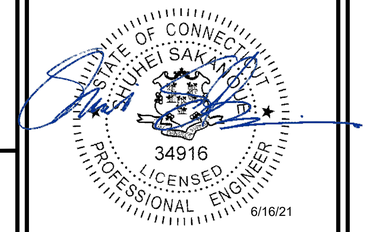
BU #: **801367**
CT NHV-2075 CAC 801367

1121 Summit Road
Cheshire, CT 06410

EXISTING 167'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
A	06/14/2021	RCD	FINAL	--



SHEET NUMBER: G-2

REVISION: A

Exhibit D

Structural Analysis Report

Date: **April 15, 2022**

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

Subject:	**Structural Analysis Report**	
Carrier Designation:	***Verizon Wireless* Co-Locate**	
	Site Number:	468071
	Site Name:	Cheshire 2 CT
Crown Castle Designation:	**BU Number:**	801367
	Site Name:	CT NHV-2075 CAC 801367
	JDE Job Number:	709734
	Work Order Number:	2104308
	Order Number:	609111 Rev. 1
Engineering Firm Designation:	**B+T Group Project Number:**	156975.005.01
Site Data:	**1121 Summit Road, Cheshire, New Haven County, CT**	
	Latitude *41° 32' 11.2"*, Longitude *-72° 57' 26.3"*	
	167 Foot - Monopole Tower	

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

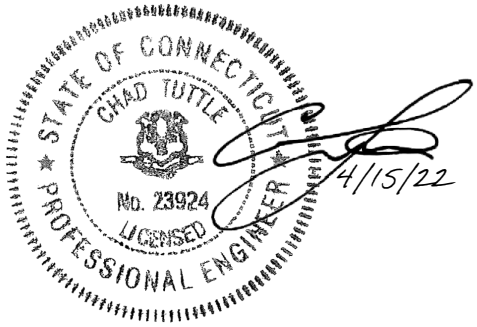
The purpose of the analysis is to determine acceptability of the tower stress level. Based on our analysis we have determined the tower stress level for the structure and foundation, under the following load case, to be:

LC7: Proposed Equipment Configuration **Sufficient Capacity**

This analysis utilizes an ultimate 3-second gust wind speed of 118 mph as required by the 2018 Connecticut State Building Code. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Structural analysis prepared by: Chris Guidry

Respectfully submitted by: B+T Engineering, Inc.
COA: PEC.0001564; Expires: 02/1/2023



Chad E. Tuttle, P.E.

tnxTower Report - version 8.1.1.0

TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 167 ft Monopole tower designed by Summit Manufacturing Inc.

The tower has been modified multiple times to accommodate additional loading. The modification has been considered ineffective in this analysis.

2) ANALYSIS CRITERIA

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

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
167.0	169.0	1	Gps	GPS_A	21 1	1-5/8 1/2
	168.5	3	SitePro 1	HRK12 Support Rail Kit		
	167.0	6	Antel	LPA-80063-6CF-EDIN		
		6	Jma Wireless	MX06FRO660-03		
		1	Raycap	RVZDC-6627-PF-48		
		3	Samsung Telecom.	MT6407-77A		
		3	Samsung Telecom.	RFV01U-D1A		
		3	Samsung Telecom.	RFV01U-D2A		
		1	--	Platform Mount [LP 1201-1]		
	165.5	3	SitePro 1	HRK12 Support Rail Kit		
	164.5	1	SitePro 1	PRK-SFS Kicker Kit		

Table 2 - Other Considered Equipment

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
167.0	169.0	1	Rfi Antennas	FSA10-41-DIN	2	7/8
	168.0	1	Rfi Antennas	FSA10-67-DIN		
160.0	163.0	3	Ericsson	RRUS 32 B2	6 5 4 3	1-5/8 7/8 13/16 3/8
	162.0	3	Ericsson	AIR 6419 B77G		
	160.0	3	Cci Antennas	DMP65R-BU8D		
		3	Ericsson	RRUS 32 B30		
		3	Ericsson	RRUS 4426 B66		
		3	Ericsson	RRUS 4449 B5/B12		
		3	Ericsson	RRUS 4478 B14_CCIV2		
		3	Quintel Tech.	QD8616-7		
		3	Raycap	DC9-48-60-24-8C-EV_CCIV2		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
		1	--	Platform Mount [LP 1201-1_KCKR-HR-1]		
	158.0	3	Ericsson	AIR 6449 B77D		
150.0	152.0	3	Alcatel Lucent	800MHZ 2X50W RRH W/Filter	--	--
	150.0	3	Alcatel Lucent	PCS 1900MHZ 4X45W-65MHZ		
		1	--	Pipe Mount [PM 601-3]		
		1	--	Side Arm Mount [SO 102-3]		
148.0	150.0	3	Alcatel Lucent	TD-RRH8X20-25	4	1-1/4
	148.0	3	Rfs Celwave	APXVSPP18-C-A20		
		3	Rfs Celwave	APXVTM14-ALU-I20		
		1	--	Platform Mount [LP 1201-1]		
138.0	138.0	3	Ericsson	AIR6449 B41_T-MOBILE	2 2	1-5/8 1-3/8
		3	Ericsson	RADIO 4460 B2/B25 B66_TMO		
		3	Ericsson	Radio 4480_TMOV2		
		3	Rfs Celwave	APXVAARR24_43-U-NA20		
		1	--	Platform Mount [LP 1201-1_KCKR-HR-1]		
130.0	130.0	1	Rfs Celwave	SC3-W100AC	1	EW90
		1	--	Pipe Mount [PM 601-1]		
		1	--	Side Arm Mount [SO 701-1]		
123.0	123.0	1	--	Commscope MC-PK8-DSH	1	1-3/8
		3	Fujitsu	TA08025-B604		
		3	Fujitsu	TA08025-B605		
		3	Jma Wireless	MX08FRO665-21		
		1	Raycap	RDIDC-9181-PF-48		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
Tower Manufacturer Drawing	799210	CCI Sites
Tower Modification Drawing	3245562	CCI Sites
Post Modification Inspection	3379750	CCI Sites
Tower Modification Drawing	3461318	CCI Sites
Post Modification Inspection	3847627	CCI Sites
Foundation Mapping	842573	CCI Sites
Geotech Report	445076	CCI Sites
Crown CAD Package	Date: 04/14/2022	CCI Sites

3.1) Analysis Method

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

3.2) Assumptions

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

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

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
L1	167 - 118.25	Pole	TP32.36x24x0.25	1	-28.490	1527.456	69.5	Pass
L2	118.25 - 77.75	Pole	TP44.297x31.088x0.313	2	-38.681	2581.435	75.3	Pass
L3	77.75 - 38.25	Pole	TP52.877x42.058x0.375	3	-52.806	3719.824	70.8	Pass
L4	38.25 - 0	Pole	TP61.04x50.504x0.438	4	-72.862	5169.171	64.5	Pass
							Summary	
						Pole (L2)	75.3	Pass
						Rating =	75.3	Pass

Table 5 - Tower Component Stresses vs. Capacity – LC7

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Anchor Rods	Base	61.9	Pass
1	Base Plate	Base	50.0	Pass
1	Base Foundation (Structure)	Base	40.9	Pass
1	Base Foundation (Soil Interaction)	Base	57.7	Pass

Structure Rating (max from all components) =	75.3%

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

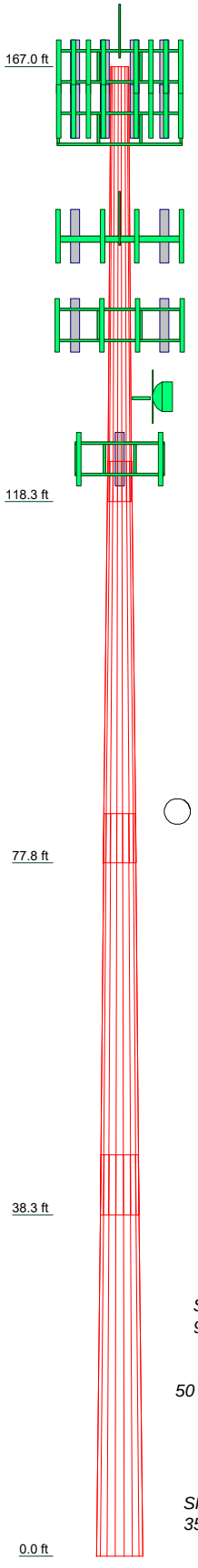
4.1) Recommendations

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

APPENDIX A

TNXTOWER OUTPUT

Section	Length (ft)	Number of Sides	Thickness (in)	Socket Length (ft)	Top Dia (in)	Bot Dia (in)	Grade	Weight (K)
1	48.750	18	0.250	4.500	24.000	32.360		3.7
2	45.000	18	0.313	5.500	31.088	44.297		5.7
3	45.000	18	0.375	6.750	42.058	52.877		8.6
4	45.000	18	0.438		50.504	61.040		11.8
							A607-65	29.7



ALL REACTIONS ARE FACTORED

AXIAL 103 K

SHEAR 9 K

MOMENT 1255 kip-ft

TORQUE 1 kip-ft
50 mph WIND - 1.000 in ICE

AXIAL 73 K

SHEAR 35 K

MOMENT 4596 kip-ft

TORQUE 2 kip-ft
REACTIONS - 118 mph WIND

MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A607-65	65 ksi	80 ksi			

TOWER DESIGN NOTES

1. Tower is located in New Haven County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 118 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.00 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.000 ft
8. TIA-222-H Annex S
9. TOWER RATING: 75.3%

B+T GRP

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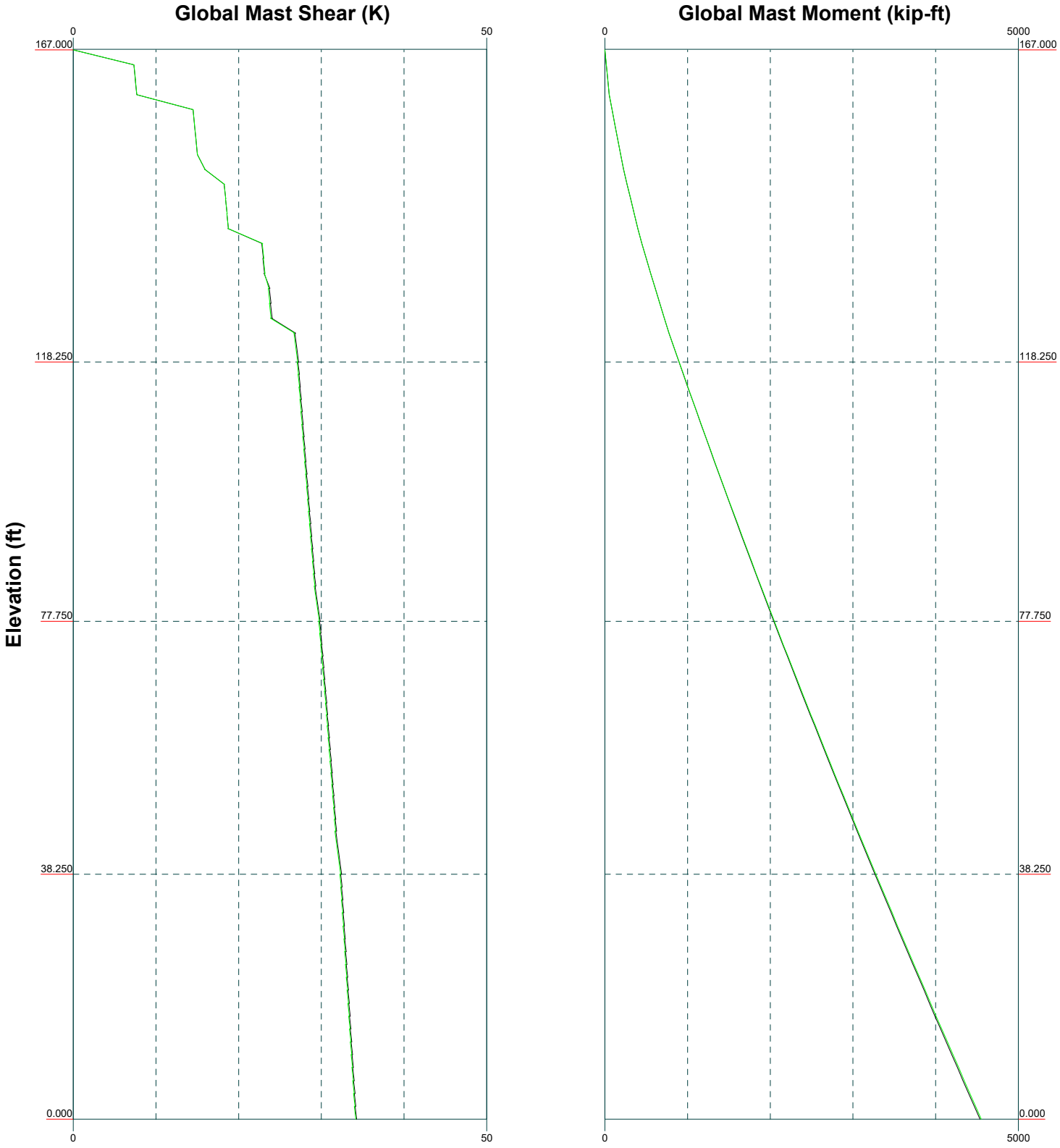
Phone: (918) 587-4630
FAX: (918) 295-0265

Job:	***156975.005.01 - CT NHV-2075 CAC 801367, CT (BU# 80136***		
Project:			
Client: Crown Castle	Drawn by: Pavan Upadhya		App'd:
Code: TIA-222-H	Date: 04/15/22		Scale: NTS
Path:			Dwg No. E-1

TIA-222-H - 118 mph/50 mph 1.000 in Ice Exposure B

Maximum Values

Vx Vz Mx Mz



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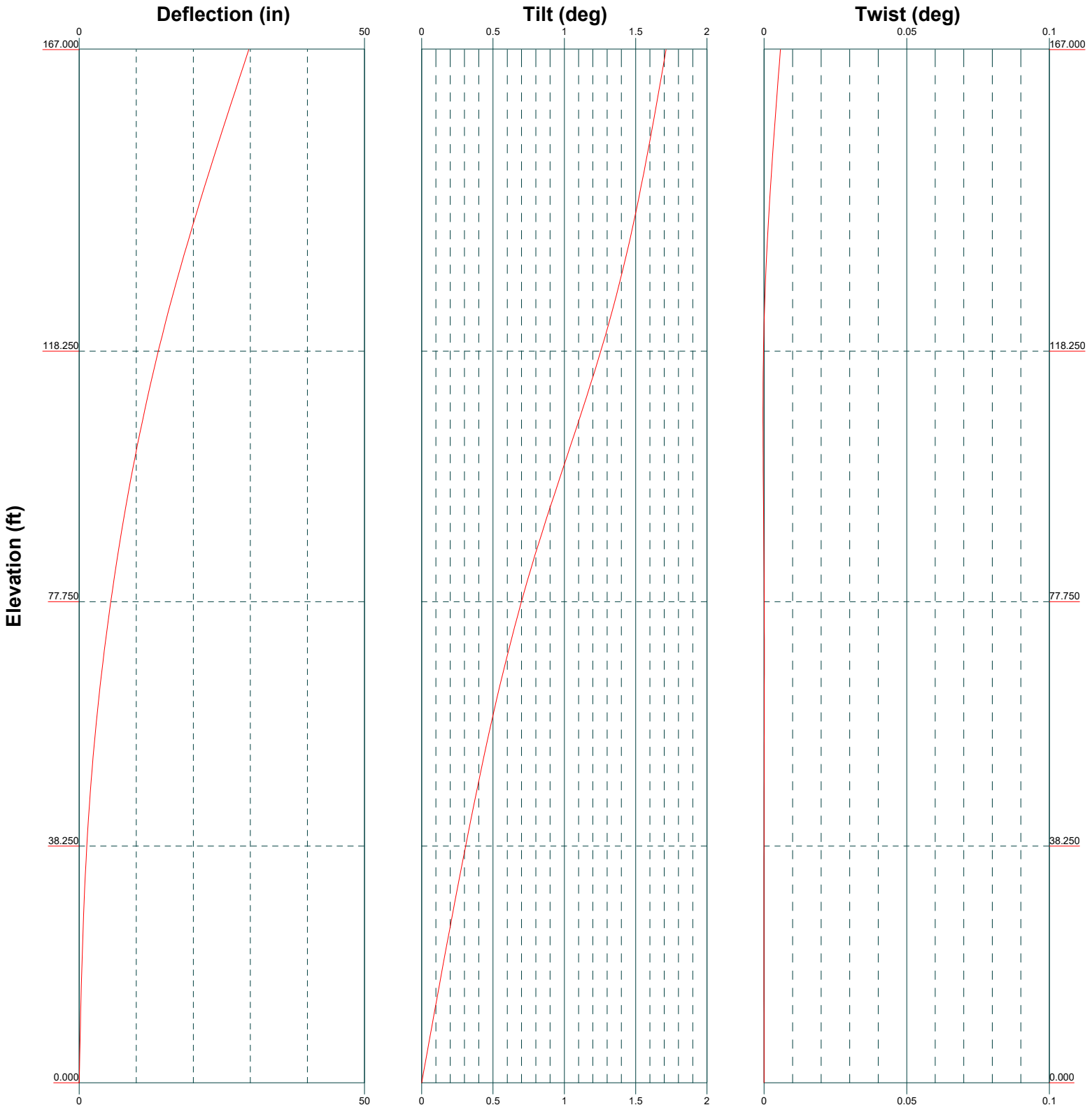
Job: 156975.005.01 - CT NHV-2075 CAC 801367, CT (BU# 80136		
Project:		
Client: Crown Castle	Drawn by: Pavan Upadhya	App'd:
Code: TIA-222-H	Date: 04/15/22	Scale: NTS
Path:		Dwg No. E-4

TIA-222-H - Service - 60 mph

Maximum Values



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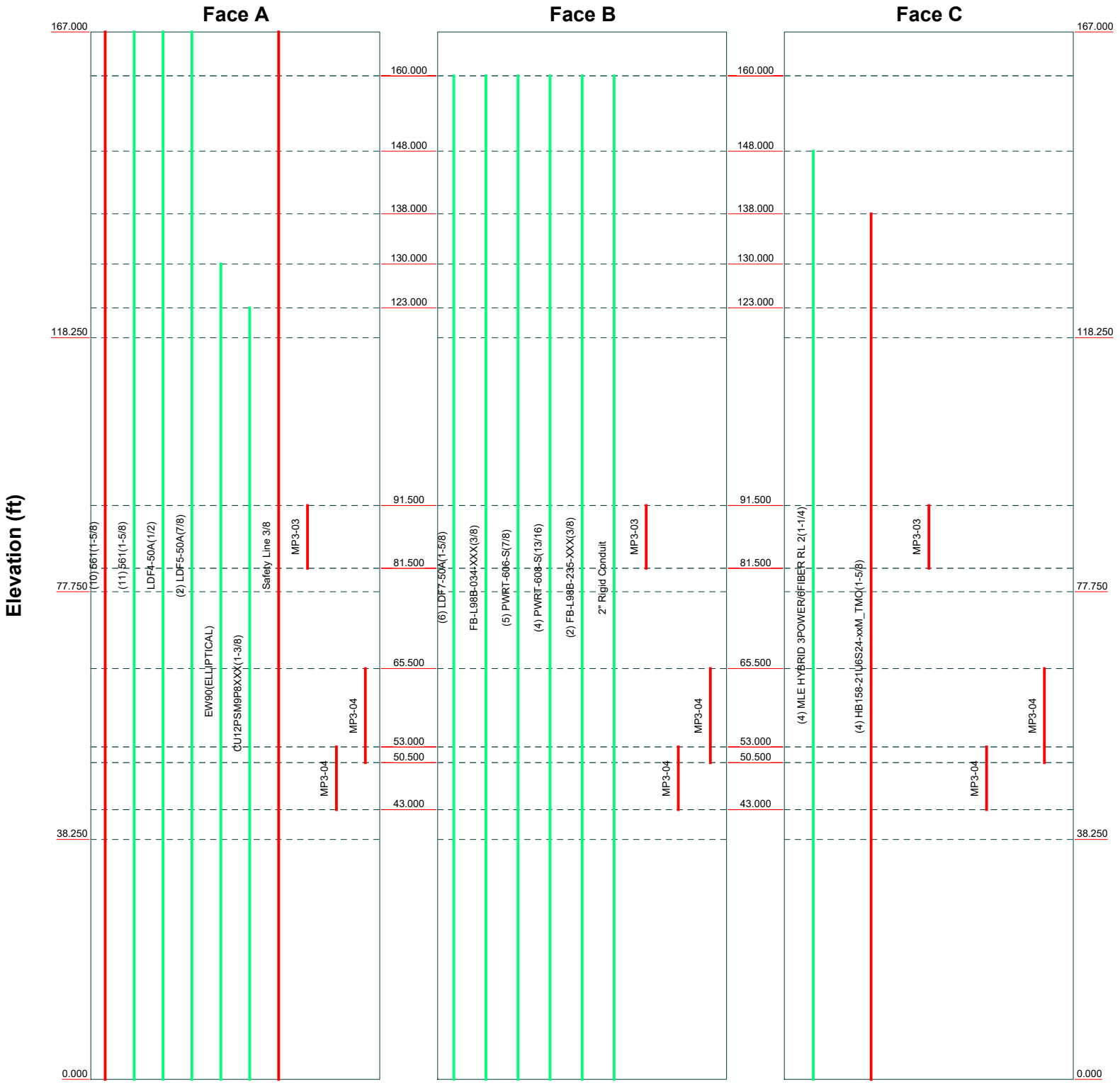
Job: 156975.005.01 - CT NHV-2075 CAC 801367, CT (BU# 80136			
Project:			
Client: Crown Castle	Drawn by: Pavan Upadhya	App'd:	
Code: TIA-222-H	Date: 04/15/22	Scale: NTS	
Path:		Dwg No. E-5	

Feed Line Distribution Chart
0' - 167'

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



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FAX: (918) 295-0265

Job: 156975.005.01 - CT NHV-2075 CAC 801367, CT (BU# 80136			
Project:			
Client: Crown Castle	Drawn by: Pavan Upadhya	App'd:	
Code: TIA-222-H	Date: 04/15/22	Scale: NTS	
Path:		Dwg No. E-7	

Tower Input Data

The tower is a monopole.
This tower is designed using the TIA-222-H standard.
The following design criteria apply:

Tower is located in New Haven County, Connecticut.
Tower base elevation above sea level: 616.000 ft.
Basic wind speed of 118 mph.
Risk Category II.
Exposure Category B.
Simplified Topographic Factor Procedure for wind speed-up calculations is used.
Topographic Category: 1.
Crest Height: 0.000 ft.
Nominal ice thickness of 1.000 in.
Ice thickness is considered to increase with height.
Ice density of 56.000 pcf.
A wind speed of 50 mph is used in combination with ice.
Temperature drop of 50.000 °F.
Deflections calculated using a wind speed of 60 mph.
TIA-222-H Annex S.
A non-linear (P-delta) analysis was used.
Pressures are calculated at each section.
Stress ratio used in pole design is 1.
Tower analysis based on target reliabilities in accordance with Annex S.
Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.
Maximum demand-capacity ratio is: 1.05.
Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

Consider Moments - Legs	Distribute Leg Loads As Uniform	Use ASCE 10 X-Brace Ly Rules
Consider Moments - Horizontals	Assume Legs Pinned	Calculate Redundant Bracing Forces
Consider Moments - Diagonals	√ Assume Rigid Index Plate	Ignore Redundant Members in FEA
Use Moment Magnification	√ Use Clear Spans For Wind Area	SR Leg Bolts Resist Compression
√ Use Code Stress Ratios	Use Clear Spans For KL/r	All Leg Panels Have Same Allowable
√ Use Code Safety Factors - Guys	Retension Guys To Initial Tension	Offset Girt At Foundation
Escalate Ice	√ Bypass Mast Stability Checks	√ Consider Feed Line Torque
Always Use Max Kz	√ Use Azimuth Dish Coefficients	Include Angle Block Shear Check
Use Special Wind Profile	√ Project Wind Area of Appurt.	Use TIA-222-H Bracing Resist. Exemption
Include Bolts In Member Capacity	Autocalc Torque Arm Areas	Use TIA-222-H Tension Splice Exemption
Leg Bolts Are At Top Of Section	Add IBC .6D+W Combination	Poles
Secondary Horizontal Braces Leg	Sort Capacity Reports By Component	√ Include Shear-Torsion Interaction
Use Diamond Inner Bracing (4 Sided)	Triangulate Diamond Inner Bracing	Always Use Sub-Critical Flow
SR Members Have Cut Ends	Treat Feed Line Bundles As Cylinder	Use Top Mounted Sockets
SR Members Are Concentric	Ignore KL/ry For 60 Deg. Angle Legs	Pole Without Linear Attachments
		Pole With Shroud Or No Appurtenances
		Outside and Inside Corner Radii Are Known

Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	167.000-118.250	48.750	4.500	18	24.000	32.360	0.250	1.000	A607-65 (65 ksi)
L2	118.250-77.750	45.000	5.500	18	31.088	44.297	0.313	1.250	A607-65 (65 ksi)
L3	77.750-38.250	45.000	6.750	18	42.058	52.877	0.375	1.500	A607-65 (65 ksi)
L4	38.250-0.000	45.000		18	50.504	61.040	0.438	1.750	A607-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in^2	I in^4	r in	C in	I/C in^3	J in^4	It/Q in^2	w in	w/t
L1	24.332	18.846	1342.998	8.431	12.192	110.154	2687.762	9.425	3.784	15.136
	32.821	25.479	3318.985	11.399	16.439	201.898	6642.337	12.742	5.255	21.021
L2	32.861	30.526	3652.774	10.925	15.793	231.293	7310.354	15.266	4.922	15.749
	44.932	43.627	10663.343	15.614	22.503	473.866	21340.717	21.818	7.246	23.188
L3	43.991	49.613	10890.308	14.797	21.365	509.720	21794.946	24.811	6.742	17.979
	53.635	62.491	21762.219	18.638	26.862	810.163	43553.074	31.251	8.646	23.057
L4	52.820	69.524	22017.423	17.774	25.656	858.176	44063.818	34.768	8.119	18.557
	61.914	84.154	39047.573	21.514	31.008	1259.261	78146.527	42.085	9.973	22.796

Tower Elevation ft	Gusset Area (per face) ft^2	Gusset Thickness in	Gusset Grade	Adjust. Factor A_f	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
L1 167.000-118.250				1	1	1			
L2 118.250-77.750				1	1	1			
L3 77.750-38.250				1	1	1			
L4 38.250-0.000				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight klf
561(1-5/8)	A	No	Surface Ar (CaAa)	167.000 - 0.000	10	10	-0.450 0.000	1.625		0.001
*										
HB158-21U6S24-xxM_TMO(1-5/8)	C	No	Surface Ar (CaAa)	138.000 - 0.000	4	2	0.350 0.420	1.996		0.003

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight klf
*										
Safety Line 3/8	A	No	Surface Ar (CaAa)	167.000 - 0.000	1	1	0.200 0.210	0.375		0.000
*										
MP3-03	A	No	Surface Af (CaAa)	91.500 - 81.500	1	1	0.000 0.000	4.060	11.260	0.010
MP3-03	B	No	Surface Af (CaAa)	91.500 - 81.500	1	1	0.000 0.000	4.060	11.260	0.010
MP3-03	C	No	Surface Af (CaAa)	91.500 - 81.500	1	1	0.000 0.000	4.060	11.260	0.010
MP3-04	A	No	Surface Af (CaAa)	53.000 - 43.000	1	1	0.000 0.000	4.780	12.780	0.014
MP3-04	B	No	Surface Af (CaAa)	53.000 - 43.000	1	1	0.000 0.000	4.780	12.780	0.014
MP3-04	C	No	Surface Af (CaAa)	53.000 - 43.000	1	1	0.000 0.000	4.780	12.780	0.014
*										
MP3-04	A	No	Surface Af (CaAa)	65.500 - 50.500	1	1	0.100 0.100	4.780	12.780	0.014
MP3-04	B	No	Surface Af (CaAa)	65.500 - 50.500	1	1	0.100 0.100	4.780	12.780	0.014
MP3-04	C	No	Surface Af (CaAa)	65.500 - 50.500	1	1	0.100 0.100	4.780	12.780	0.014
*										

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight klf
561(1-5/8)	A	No	No	Inside Pole	167.000 - 0.000	11	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
LDF4-50A(1/2)	A	No	No	Inside Pole	167.000 - 0.000	1	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
LDF5-50A(7/8)	A	No	No	Inside Pole	167.000 - 0.000	2	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
*									
LDF7-50A(1-5/8)	B	No	No	Inside Pole	160.000 - 0.000	6	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
FB-L98B-034-XXX(3/8)	B	No	No	Inside Pole	160.000 - 0.000	1	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
PWRT-606-S(7/8)	B	No	No	Inside Pole	160.000 - 0.000	5	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
PWRT-608-S(13/16)	B	No	No	Inside Pole	160.000 - 0.000	4	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
FB-L98B-235-XXX(3/8)	B	No	No	Inside Pole	160.000 - 0.000	2	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
2" Rigid Conduit	B	No	No	Inside Pole	160.000 - 0.000	1	No Ice	0.000	0.003

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight klf
							1/2" Ice	0.000	0.003
							1" Ice	0.000	0.003
*									
MLE HYBRID 3POWER/6FIBER RL 2(1-1/4)	C	No	No	Inside Pole	148.000 - 0.000	4	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
*									
EW90(ELLIPTICAL)	A	No	No	Inside Pole	130.000 - 0.000	1	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
*									
CU12PSM9P8XXX(1-3/8)	A	No	No	Inside Pole	123.000 - 0.000	1	No Ice	0.000	0.002
							1/2" Ice	0.000	0.002
							1" Ice	0.000	0.002
*									

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	167.000-118.250	A	0.000	0.000	81.047	0.000	1.444
		B	0.000	0.000	0.000	0.000	0.619
		C	0.000	0.000	7.884	0.000	0.278
L2	118.250-77.750	A	0.000	0.000	74.098	0.000	1.369
		B	0.000	0.000	6.767	0.000	0.699
		C	0.000	0.000	22.934	0.000	0.614
L3	77.750-38.250	A	0.000	0.000	85.425	0.000	1.591
		B	0.000	0.000	19.756	0.000	0.938
		C	0.000	0.000	35.525	0.000	0.855
L4	38.250-0.000	A	0.000	0.000	63.591	0.000	1.200
		B	0.000	0.000	0.000	0.000	0.567
		C	0.000	0.000	15.269	0.000	0.487

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	167.000-118.250	A	0.983	0.000	0.000	122.424	0.000	2.318
		B		0.000	0.000	0.000	0.000	0.619
		C		0.000	0.000	14.711	0.000	0.429
L2	118.250-77.750	A	0.947	0.000	0.000	109.855	0.000	2.153
		B		0.000	0.000	8.149	0.000	0.757
		C		0.000	0.000	38.315	0.000	0.980
L3	77.750-38.250	A	0.899	0.000	0.000	122.206	0.000	2.424
		B		0.000	0.000	23.658	0.000	1.089
		C		0.000	0.000	52.720	0.000	1.296
L4	38.250-0.000	A	0.803	0.000	0.000	94.605	0.000	1.826
		B		0.000	0.000	0.000	0.000	0.567
		C		0.000	0.000	27.684	0.000	0.753

Feed Line Center of Pressure

Section	Elevation	CP_X	CP_Z	CP_X Ice	CP_Z Ice
	ft	in	in	in	in
L1	167.000-118.250	-7.443	0.066	-6.076	-0.135
L2	118.250-77.750	-7.904	0.722	-6.694	0.544
L3	77.750-38.250	-7.411	0.665	-6.661	0.530
L4	38.250-0.000	-10.187	0.904	-8.498	0.669

Note: For pole sections, center of pressure calculations do not consider feed line shielding.

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L1	2	561(1-5/8)	118.25 - 167.00	1.0000	1.0000
L1	26	HB158-21U6S24-xxM_TMO (1-5/8)	118.25 - 138.00	1.0000	1.0000
L1	32	Safety Line 3/8	118.25 - 167.00	1.0000	1.0000
L2	2	561(1-5/8)	77.75 - 118.25	1.0000	1.0000
L2	26	HB158-21U6S24-xxM_TMO (1-5/8)	77.75 - 118.25	1.0000	1.0000
L2	32	Safety Line 3/8	77.75 - 118.25	1.0000	1.0000
L2	34	MP3-03	81.50 - 91.50	1.0000	1.0000
L2	35	MP3-03	81.50 - 91.50	1.0000	1.0000
L2	36	MP3-03	81.50 - 91.50	1.0000	1.0000
L3	2	561(1-5/8)	38.25 - 77.75	1.0000	1.0000
L3	26	HB158-21U6S24-xxM_TMO (1-5/8)	38.25 - 77.75	1.0000	1.0000
L3	32	Safety Line 3/8	38.25 - 77.75	1.0000	1.0000
L3	37	MP3-04	43.00 - 53.00	1.0000	1.0000
L3	38	MP3-04	43.00 - 53.00	1.0000	1.0000
L3	39	MP3-04	43.00 - 53.00	1.0000	1.0000
L3	41	MP3-04	50.50 - 65.50	1.0000	1.0000
L3	42	MP3-04	50.50 - 65.50	1.0000	1.0000
L3	43	MP3-04	50.50 - 65.50	1.0000	1.0000
L4	2	561(1-5/8)	0.00 - 38.25	1.0000	1.0000
L4	26	HB158-21U6S24-xxM_TMO (1-5/8)	0.00 - 38.25	1.0000	1.0000
L4	32	Safety Line 3/8	0.00 - 38.25	1.0000	1.0000

Effective Width of Flat Linear Attachments / Feed Lines

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
L2	34	MP3-03	81.50 - 91.50	Auto	0.0000
L2	35	MP3-03	81.50 - 91.50	Auto	0.0000
L2	36	MP3-03	81.50 - 91.50	Auto	0.0000
L3	37	MP3-04	43.00 - 53.00	Auto	0.0000
L3	38	MP3-04	43.00 - 53.00	Auto	0.0000
L3	39	MP3-04	43.00 - 53.00	Auto	0.0000
L3	41	MP3-04	50.50 - 65.50	Auto	0.0000
L3	42	MP3-04	50.50 - 65.50	Auto	0.0000
L3	43	MP3-04	50.50 - 65.50	Auto	0.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
14" x 2' Top Hat	C	None		0.000	168.000	No Ice	1.167	1.167	0.110
						1/2" Ice	1.823	1.823	0.133
						1" Ice	2.022	2.022	0.160
Lightning Rod 5/8"x6'	C	None		0.000	171.000	No Ice	0.375	0.375	0.006
						1/2" Ice	0.989	0.989	0.010
						1" Ice	1.619	1.619	0.019
*									
FSA10-41-DIN	A	From Leg	4.000 0.000 2.000	0.000	167.000	No Ice 1/2" Ice 1" Ice	6.100 8.472 10.874	6.100 8.472 10.874	0.032 0.112 0.219
FSA10-67-DIN	A	From Leg	4.000 0.000 1.000	0.000	167.000	No Ice 1/2" Ice 1" Ice	1.400 2.261 3.148	1.400 2.261 3.148	0.009 0.030 0.060
*									
GPS_A	A	From Leg	4.000 0.000 2.000	0.000	167.000	No Ice 1/2" Ice 1" Ice	0.255 0.320 0.393	0.255 0.320 0.393	0.001 0.005 0.010
(2) LPA-80063-6CF-EDIN w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	167.000	No Ice 1/2" Ice 1" Ice	9.970 10.541 11.077	10.248 11.422 12.309	0.052 0.145 0.247
(2) LPA-80063-6CF-EDIN w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	167.000	No Ice 1/2" Ice 1" Ice	9.970 10.541 11.077	10.248 11.422 12.309	0.052 0.145 0.247
(2) LPA-80063-6CF-EDIN w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	167.000	No Ice 1/2" Ice 1" Ice	9.970 10.541 11.077	10.248 11.422 12.309	0.052 0.145 0.247
(2) MX06FRO660-03 w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	167.000	No Ice 1/2" Ice 1" Ice	6.540 7.060 7.600	5.550 6.050 6.570	0.103 0.185 0.277
(2) MX06FRO660-03 w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	167.000	No Ice 1/2" Ice 1" Ice	6.540 7.060 7.600	5.550 6.050 6.570	0.103 0.185 0.277

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
(2) MX06FRO660-03 w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	167.000	No Ice 1/2" Ice 1" Ice	6.540 7.060 7.600	5.550 6.050 6.570	0.103 0.185 0.277
MT6407-77A	A	From Leg	4.000 0.000 0.000	0.000	167.000	No Ice 1/2" Ice 1" Ice	4.692 4.980 5.275	1.840 2.063 2.292	0.082 0.111 0.144
MT6407-77A	B	From Leg	4.000 0.000 0.000	0.000	167.000	No Ice 1/2" Ice 1" Ice	4.692 4.980 5.275	1.840 2.063 2.292	0.082 0.111 0.144
MT6407-77A	C	From Leg	4.000 0.000 0.000	0.000	167.000	No Ice 1/2" Ice 1" Ice	4.692 4.980 5.275	1.840 2.063 2.292	0.082 0.111 0.144
RVZDC-6627-PF-48	A	From Leg	4.000 0.000 0.000	0.000	167.000	No Ice 1/2" Ice 1" Ice	3.792 4.044 4.303	2.514 2.727 2.947	0.032 0.063 0.099
RFV01U-D2A	A	From Leg	4.000 0.000 0.000	0.000	167.000	No Ice 1/2" Ice 1" Ice	1.875 2.045 2.223	1.013 1.145 1.284	0.070 0.087 0.106
(2) RFV01U-D2A	B	From Leg	4.000 0.000 0.000	0.000	167.000	No Ice 1/2" Ice 1" Ice	1.875 2.045 2.223	1.013 1.145 1.284	0.070 0.087 0.106
(3) RFV01U-D1A	C	From Leg	4.000 0.000 0.000	0.000	167.000	No Ice 1/2" Ice 1" Ice	1.875 2.045 2.223	1.250 1.393 1.543	0.084 0.103 0.124
2' x 2" Pipe Mount	A	From Leg	4.000 0.000 4.000	0.000	167.000	No Ice 1/2" Ice 1" Ice	0.023 0.049 0.085	0.023 0.049 0.085	0.007 0.008 0.009
3' x 2" Pipe Mount	A	From Leg	4.000 0.000 0.000	0.000	167.000	No Ice 1/2" Ice 1" Ice	0.583 0.770 0.967	0.583 0.770 0.967	0.011 0.017 0.024
7' x 2.5" Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	167.000	No Ice 1/2" Ice 1" Ice	2.013 2.589 3.018	2.013 2.589 3.018	0.041 0.055 0.075
7' x 2.5" Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	167.000	No Ice 1/2" Ice 1" Ice	2.013 2.589 3.018	2.013 2.589 3.018	0.041 0.055 0.075
7' x 2.5" Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	167.000	No Ice 1/2" Ice 1" Ice	2.013 2.589 3.018	2.013 2.589 3.018	0.041 0.055 0.075
10' x 2" Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	167.000	No Ice 1/2" Ice 1" Ice	2.375 3.403 4.448	2.375 3.403 4.448	0.037 0.054 0.079
13'x2.5 STD Support Rail	A	From Leg	4.000 0.000 1.500	0.000	167.000	No Ice 1/2" Ice 1" Ice	3.594 4.876 6.175	3.594 4.876 6.175	0.041 0.067 0.101
13'x2.5 STD Support Rail	B	From Leg	4.000 0.000 1.500	0.000	167.000	No Ice 1/2" Ice 1" Ice	3.594 4.876 6.175	3.594 4.876 6.175	0.041 0.067 0.101
13'x2.5 STD Support Rail	C	From Leg	4.000 0.000 1.500	0.000	167.000	No Ice 1/2" Ice 1" Ice	3.594 4.876 6.175	3.594 4.876 6.175	0.041 0.067 0.101
13'x2.5 STD Support Rail	A	From Leg	4.000 0.000 -1.500	0.000	167.000	No Ice 1/2" Ice 1" Ice	3.594 4.876 6.175	3.594 4.876 6.175	0.041 0.067 0.101
13'x2.5 STD Support Rail	B	From Leg	4.000 0.000 -1.500	0.000	167.000	No Ice 1/2" Ice 1" Ice	3.594 4.876 6.175	3.594 4.876 6.175	0.041 0.067 0.101

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
13'x2.5 STD Support Rail	C	From Leg	4.000	0.000	167.000	No Ice	3.594	3.594	0.041
			0.000			1/2" Ice	4.876	4.876	0.067
			-1.500			1" Ice	6.175	6.175	0.101
(2) L 2.5x2.5x3/16x4.75' Kicker	A	From Leg	4.000	0.000	167.000	No Ice	1.250	0.005	0.025
			0.000			1/2" Ice	1.601	0.024	0.032
			-2.500			1" Ice	1.959	0.049	0.044
(2) L 2.5x2.5x3/16x4.75' Kicker	B	From Leg	4.000	0.000	167.000	No Ice	1.250	0.005	0.025
			0.000			1/2" Ice	1.601	0.024	0.032
			-2.500			1" Ice	1.959	0.049	0.044
(2) L 2.5x2.5x3/16x4.75' Kicker	C	From Leg	4.000	0.000	167.000	No Ice	1.250	0.005	0.025
			0.000			1/2" Ice	1.601	0.024	0.032
			-2.500			1" Ice	1.959	0.049	0.044
Platform Mount [LP 1201-1]	C	None		0.000	167.000	No Ice	18.380	18.380	2.100
						1/2" Ice	22.110	22.110	2.652
						1" Ice	25.870	25.870	3.263
*									
RRUS 32 B2	A	From Leg	4.000	0.000	160.000	No Ice	2.731	1.668	0.053
			0.000			1/2" Ice	2.953	1.855	0.074
			3.000			1" Ice	3.182	2.049	0.098
RRUS 32 B2	B	From Leg	4.000	0.000	160.000	No Ice	2.731	1.668	0.053
			0.000			1/2" Ice	2.953	1.855	0.074
			3.000			1" Ice	3.182	2.049	0.098
RRUS 32 B2	C	From Leg	4.000	0.000	160.000	No Ice	2.731	1.668	0.053
			0.000			1/2" Ice	2.953	1.855	0.074
			3.000			1" Ice	3.182	2.049	0.098
RRUS 32 B30	A	From Leg	4.000	0.000	160.000	No Ice	2.692	1.573	0.060
			0.000			1/2" Ice	2.912	1.756	0.080
			0.000			1" Ice	3.138	1.945	0.104
RRUS 32 B30	B	From Leg	4.000	0.000	160.000	No Ice	2.692	1.573	0.060
			0.000			1/2" Ice	2.912	1.756	0.080
			0.000			1" Ice	3.138	1.945	0.104
RRUS 32 B30	C	From Leg	4.000	0.000	160.000	No Ice	2.692	1.573	0.060
			0.000			1/2" Ice	2.912	1.756	0.080
			0.000			1" Ice	3.138	1.945	0.104
AIR 6419 B77G	A	From Leg	4.000	0.000	160.000	No Ice	4.640	1.870	0.066
			0.000			1/2" Ice	5.110	2.230	0.092
			2.000			1" Ice	5.590	2.620	0.120
AIR 6419 B77G	B	From Leg	4.000	0.000	160.000	No Ice	4.640	1.870	0.066
			0.000			1/2" Ice	5.110	2.230	0.092
			2.000			1" Ice	5.590	2.620	0.120
AIR 6419 B77G	C	From Leg	4.000	0.000	160.000	No Ice	4.640	1.870	0.066
			0.000			1/2" Ice	5.110	2.230	0.092
			2.000			1" Ice	5.590	2.620	0.120
DMP65R-BU8D w/ Mount Pipe	A	From Leg	4.000	0.000	160.000	No Ice	15.890	7.890	0.139
			0.000			1/2" Ice	16.810	8.740	0.252
			0.000			1" Ice	17.760	9.600	0.380
DMP65R-BU8D w/ Mount Pipe	B	From Leg	4.000	0.000	160.000	No Ice	15.890	7.890	0.139
			0.000			1/2" Ice	16.810	8.740	0.252
			0.000			1" Ice	17.760	9.600	0.380
DMP65R-BU8D w/ Mount Pipe	C	From Leg	4.000	0.000	160.000	No Ice	15.890	7.890	0.139
			0.000			1/2" Ice	16.810	8.740	0.252
			0.000			1" Ice	17.760	9.600	0.380
QD8616-7 w/ Mount Pipe	A	From Leg	4.000	0.000	160.000	No Ice	16.930	9.310	0.183
			0.000			1/2" Ice	17.870	10.170	0.308
			0.000			1" Ice	18.830	11.050	0.448
QD8616-7 w/ Mount Pipe	B	From Leg	4.000	0.000	160.000	No Ice	16.930	9.310	0.183
			0.000			1/2" Ice	17.870	10.170	0.308

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0.000			1" Ice	18.830	11.050	0.448
QD8616-7 w/ Mount Pipe	C	From Leg	4.000	0.000	160.000	No Ice	16.930	9.310	0.183
			0.000			1/2" Ice	17.870	10.170	0.308
			0.000			1" Ice	18.830	11.050	0.448
AIR 6449 B77D	A	From Leg	4.000	0.000	160.000	No Ice	3.640	1.720	0.082
			0.000			1/2" Ice	4.000	2.020	0.111
			-2.000			1" Ice	4.370	2.330	0.145
AIR 6449 B77D	B	From Leg	4.000	0.000	160.000	No Ice	3.640	1.720	0.082
			0.000			1/2" Ice	4.000	2.020	0.111
			-2.000			1" Ice	4.370	2.330	0.145
AIR 6449 B77D	C	From Leg	4.000	0.000	160.000	No Ice	3.640	1.720	0.082
			0.000			1/2" Ice	4.000	2.020	0.111
			-2.000			1" Ice	4.370	2.330	0.145
RRUS 4449 B5/B12	A	From Leg	4.000	0.000	160.000	No Ice	1.968	1.408	0.071
			0.000			1/2" Ice	2.144	1.564	0.090
			0.000			1" Ice	2.328	1.727	0.111
RRUS 4449 B5/B12	B	From Leg	4.000	0.000	160.000	No Ice	1.968	1.408	0.071
			0.000			1/2" Ice	2.144	1.564	0.090
			0.000			1" Ice	2.328	1.727	0.111
RRUS 4449 B5/B12	C	From Leg	4.000	0.000	160.000	No Ice	1.968	1.408	0.071
			0.000			1/2" Ice	2.144	1.564	0.090
			0.000			1" Ice	2.328	1.727	0.111
RRUS 4478 B14_CCIV2	A	From Leg	4.000	0.000	160.000	No Ice	2.021	1.246	0.059
			0.000			1/2" Ice	2.200	1.396	0.077
			0.000			1" Ice	2.386	1.554	0.097
RRUS 4478 B14_CCIV2	B	From Leg	4.000	0.000	160.000	No Ice	2.021	1.246	0.059
			0.000			1/2" Ice	2.200	1.396	0.077
			0.000			1" Ice	2.386	1.554	0.097
RRUS 4478 B14_CCIV2	C	From Leg	4.000	0.000	160.000	No Ice	2.021	1.246	0.059
			0.000			1/2" Ice	2.200	1.396	0.077
			0.000			1" Ice	2.386	1.554	0.097
DC9-48-60-24-8C-EV_CCIV 2	A	From Leg	4.000	0.000	160.000	No Ice	2.736	2.736	0.016
			0.000			1/2" Ice	2.962	2.962	0.042
			0.000			1" Ice	3.195	3.195	0.071
DC9-48-60-24-8C-EV_CCIV 2	B	From Leg	4.000	0.000	160.000	No Ice	2.736	2.736	0.016
			0.000			1/2" Ice	2.962	2.962	0.042
			0.000			1" Ice	3.195	3.195	0.071
DC9-48-60-24-8C-EV_CCIV 2	C	From Leg	4.000	0.000	160.000	No Ice	2.736	2.736	0.016
			0.000			1/2" Ice	2.962	2.962	0.042
			0.000			1" Ice	3.195	3.195	0.071
RRUS 4426 B66	A	From Leg	4.000	0.000	160.000	No Ice	1.644	0.725	0.048
			0.000			1/2" Ice	1.804	0.842	0.061
			0.000			1" Ice	1.972	0.969	0.076
RRUS 4426 B66	B	From Leg	4.000	0.000	160.000	No Ice	1.644	0.725	0.048
			0.000			1/2" Ice	1.804	0.842	0.061
			0.000			1" Ice	1.972	0.969	0.076
RRUS 4426 B66	C	From Leg	4.000	0.000	160.000	No Ice	1.644	0.725	0.048
			0.000			1/2" Ice	1.804	0.842	0.061
			0.000			1" Ice	1.972	0.969	0.076
(2) 10' x 2" Mount Pipe	A	From Leg	4.000	0.000	160.000	No Ice	2.375	2.375	0.037
			0.000			1/2" Ice	3.403	3.403	0.054
			0.000			1" Ice	4.448	4.448	0.079
(2) 10' x 2" Mount Pipe	B	From Leg	4.000	0.000	160.000	No Ice	2.375	2.375	0.037
			0.000			1/2" Ice	3.403	3.403	0.054
			0.000			1" Ice	4.448	4.448	0.079
(2) 10' x 2" Mount Pipe	C	From Leg	4.000	0.000	160.000	No Ice	2.375	2.375	0.037
			0.000			1/2" Ice	3.403	3.403	0.054

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0.000			1" Ice	4.448	4.448	0.079
Platform Mount [LP 1201-1_KCKR-HR-1]	C	None		0.000	160.000	No Ice	37.610	37.610	2.631
						1/2" Ice	45.620	45.620	3.478
						1" Ice	53.590	53.590	4.462
*									
PCS 1900MHZ 4X45W-65MHZ	A	From Leg	1.000	0.000	150.000	No Ice	2.322	2.238	0.060
			0.000			1/2" Ice	2.527	2.441	0.083
			0.000			1" Ice	2.739	2.651	0.110
(2) PCS 1900MHZ 4X45W-65MHZ	B	From Leg	1.000	0.000	150.000	No Ice	2.322	2.238	0.060
			0.000			1/2" Ice	2.527	2.441	0.083
			0.000			1" Ice	2.739	2.651	0.110
800MHZ 2X50W RRH W/FILTER	A	From Leg	1.000	0.000	150.000	No Ice	2.058	1.932	0.064
			0.000			1/2" Ice	2.240	2.109	0.086
			2.000			1" Ice	2.429	2.293	0.111
(2) 800MHZ 2X50W RRH W/FILTER	C	From Leg	1.000	0.000	150.000	No Ice	2.058	1.932	0.064
			0.000			1/2" Ice	2.240	2.109	0.086
			2.000			1" Ice	2.429	2.293	0.111
Side Arm Mount [SO 102-3]	C	None		0.000	150.000	No Ice	3.600	3.600	0.075
						1/2" Ice	4.180	4.180	0.105
						1" Ice	4.750	4.750	0.135
Pipe Mount [PM 601-3]	C	None		0.000	150.000	No Ice	3.170	3.170	0.195
						1/2" Ice	3.790	3.790	0.232
						1" Ice	4.420	4.420	0.279
*									
APXVTM14-ALU-I20 w/ Mount Pipe	A	From Leg	4.000	0.000	148.000	No Ice	4.090	2.860	0.077
			0.000			1/2" Ice	4.480	3.230	0.127
			0.000			1" Ice	4.880	3.610	0.185
APXVTM14-ALU-I20 w/ Mount Pipe	B	From Leg	4.000	0.000	148.000	No Ice	4.090	2.860	0.077
			0.000			1/2" Ice	4.480	3.230	0.127
			0.000			1" Ice	4.880	3.610	0.185
APXVTM14-ALU-I20 w/ Mount Pipe	C	From Leg	4.000	0.000	148.000	No Ice	4.090	2.860	0.077
			0.000			1/2" Ice	4.480	3.230	0.127
			0.000			1" Ice	4.880	3.610	0.185
APXVSPP18-C-A20 w/ Mount Pipe	A	From Leg	4.000	0.000	148.000	No Ice	4.600	4.010	0.095
			0.000			1/2" Ice	5.050	4.450	0.160
			0.000			1" Ice	5.500	4.890	0.235
APXVSPP18-C-A20 w/ Mount Pipe	B	From Leg	4.000	0.000	148.000	No Ice	4.600	4.010	0.095
			0.000			1/2" Ice	5.050	4.450	0.160
			0.000			1" Ice	5.500	4.890	0.235
APXVSPP18-C-A20 w/ Mount Pipe	C	From Leg	4.000	0.000	148.000	No Ice	4.600	4.010	0.095
			0.000			1/2" Ice	5.050	4.450	0.160
			0.000			1" Ice	5.500	4.890	0.235
TD-RRH8X20-25	A	From Leg	4.000	0.000	148.000	No Ice	3.704	1.294	0.066
			0.000			1/2" Ice	3.946	1.465	0.090
			2.000			1" Ice	4.196	1.642	0.117
TD-RRH8X20-25	B	From Leg	4.000	0.000	148.000	No Ice	3.704	1.294	0.066
			0.000			1/2" Ice	3.946	1.465	0.090
			2.000			1" Ice	4.196	1.642	0.117
TD-RRH8X20-25	C	From Leg	4.000	0.000	148.000	No Ice	3.704	1.294	0.066
			0.000			1/2" Ice	3.946	1.465	0.090
			2.000			1" Ice	4.196	1.642	0.117
6' x 2" Mount Pipe	A	From Leg	4.000	0.000	148.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			0.000			1" Ice	2.294	2.294	0.048
6' x 2" Mount Pipe	B	From Leg	4.000	0.000	148.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			0.000			1" Ice	2.294	2.294	0.048

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
6' x 2" Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	148.000	No Ice 1/2" Ice 1" Ice	1.425 1.925 2.294	1.425 1.925 2.294	0.022 0.033 0.048
Platform Mount [LP 1201-1]	C	None		0.000	148.000	No Ice 1/2" Ice 1" Ice	18.380 22.110 25.870	18.380 22.110 25.870	2.100 2.652 3.263
*									
APXVAARR24_43-U-NA20 w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	138.000	No Ice 1/2" Ice 1" Ice	14.690 15.460 16.230	6.870 7.550 8.250	0.186 0.315 0.458
APXVAARR24_43-U-NA20 w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	138.000	No Ice 1/2" Ice 1" Ice	14.690 15.460 16.230	6.870 7.550 8.250	0.186 0.315 0.458
APXVAARR24_43-U-NA20 w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	138.000	No Ice 1/2" Ice 1" Ice	14.690 15.460 16.230	6.870 7.550 8.250	0.186 0.315 0.458
AIR6449 B41_T-MOBILE w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	138.000	No Ice 1/2" Ice 1" Ice	5.190 5.590 6.020	2.710 3.040 3.380	0.128 0.174 0.227
AIR6449 B41_T-MOBILE w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	138.000	No Ice 1/2" Ice 1" Ice	5.190 5.590 6.020	2.710 3.040 3.380	0.128 0.174 0.227
AIR6449 B41_T-MOBILE w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	138.000	No Ice 1/2" Ice 1" Ice	5.190 5.590 6.020	2.710 3.040 3.380	0.128 0.174 0.227
(2) Radio 4480_TMOV2	A	From Leg	4.000 0.000 0.000	0.000	138.000	No Ice 1/2" Ice 1" Ice	2.878 3.091 3.312	1.397 1.558 1.727	0.081 0.103 0.128
Radio 4480_TMOV2	C	From Leg	4.000 0.000 0.000	0.000	138.000	No Ice 1/2" Ice 1" Ice	2.878 3.091 3.312	1.397 1.558 1.727	0.081 0.103 0.128
(2) RADIO 4460 B2/B25 B66_TMO	B	From Leg	4.000 0.000 0.000	0.000	138.000	No Ice 1/2" Ice 1" Ice	2.139 2.321 2.511	1.686 1.850 2.022	0.109 0.131 0.156
RADIO 4460 B2/B25 B66_TMO	C	From Leg	4.000 0.000 0.000	0.000	138.000	No Ice 1/2" Ice 1" Ice	2.139 2.321 2.511	1.686 1.850 2.022	0.109 0.131 0.156
(2) 7' x 2" Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	138.000	No Ice 1/2" Ice 1" Ice	1.663 2.391 2.825	1.663 2.391 2.825	0.026 0.039 0.056
(2) 7' x 2" Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	138.000	No Ice 1/2" Ice 1" Ice	1.663 2.391 2.825	1.663 2.391 2.825	0.026 0.039 0.056
(2) 7' x 2" Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	138.000	No Ice 1/2" Ice 1" Ice	1.663 2.391 2.825	1.663 2.391 2.825	0.026 0.039 0.056
Platform Mount [LP 1201-1_KCKR-HR-1]	C	None		0.000	138.000	No Ice 1/2" Ice 1" Ice	37.610 45.620 53.590	37.610 45.620 53.590	2.631 3.478 4.462
*									
Side Arm Mount [SO 701-1]	B	From Leg	1.500 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice	0.850 1.140 1.430	1.670 2.340 3.010	0.065 0.079 0.093
Pipe Mount [PM 601-1]	B	From Leg	3.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice	1.320 1.580 1.840	1.320 1.580 1.840	0.065 0.077 0.093
*									

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
MX08FRO665-21 w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	123.000	No Ice 1/2" Ice 1" Ice	8.010 8.520 9.040	4.230 4.690 5.160	0.108 0.194 0.292
MX08FRO665-21 w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	123.000	No Ice 1/2" Ice 1" Ice	8.010 8.520 9.040	4.230 4.690 5.160	0.108 0.194 0.292
MX08FRO665-21 w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	123.000	No Ice 1/2" Ice 1" Ice	8.010 8.520 9.040	4.230 4.690 5.160	0.108 0.194 0.292
TA08025-B604	A	From Leg	4.000 0.000 0.000	0.000	123.000	No Ice 1/2" Ice 1" Ice	1.964 2.138 2.320	0.981 1.112 1.250	0.064 0.081 0.100
TA08025-B604	B	From Leg	4.000 0.000 0.000	0.000	123.000	No Ice 1/2" Ice 1" Ice	1.964 2.138 2.320	0.981 1.112 1.250	0.064 0.081 0.100
TA08025-B604	C	From Leg	4.000 0.000 0.000	0.000	123.000	No Ice 1/2" Ice 1" Ice	1.964 2.138 2.320	0.981 1.112 1.250	0.064 0.081 0.100
TA08025-B605	A	From Leg	4.000 0.000 0.000	0.000	123.000	No Ice 1/2" Ice 1" Ice	1.964 2.138 2.320	1.129 1.267 1.411	0.075 0.093 0.114
TA08025-B605	B	From Leg	4.000 0.000 0.000	0.000	123.000	No Ice 1/2" Ice 1" Ice	1.964 2.138 2.320	1.129 1.267 1.411	0.075 0.093 0.114
TA08025-B605	C	From Leg	4.000 0.000 0.000	0.000	123.000	No Ice 1/2" Ice 1" Ice	1.964 2.138 2.320	1.129 1.267 1.411	0.075 0.093 0.114
RDIDC-9181-PF-48	A	From Leg	4.000 0.000 0.000	0.000	123.000	No Ice 1/2" Ice 1" Ice	2.012 2.189 2.373	1.168 1.311 1.461	0.022 0.040 0.060
(2) 8' x 2" Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	123.000	No Ice 1/2" Ice 1" Ice	1.900 2.728 3.401	1.900 2.728 3.401	0.029 0.044 0.063
(2) 8' x 2" Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	123.000	No Ice 1/2" Ice 1" Ice	1.900 2.728 3.401	1.900 2.728 3.401	0.029 0.044 0.063
(2) 8' x 2" Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	123.000	No Ice 1/2" Ice 1" Ice	1.900 2.728 3.401	1.900 2.728 3.401	0.029 0.044 0.063
Commscope MC-PK8-DSH	C	None		0.000	123.000	No Ice 1/2" Ice 1" Ice	34.240 62.950 91.660	34.240 62.950 91.660	1.749 2.099 2.450
*									

Dishes

Description	Face or Leg	Dish Type	Offset Type	Offsets: Horz Lateral ft / Vert ft	Azimuth Adjustment °	3 dB Beam Width °	Elevation ft	Outside Diameter ft	Aperture Area ft^2	Weight K

Description	Face or Leg	Dish Type	Offset Type	Offsets: Horz Lateral Vert ft	Azimuth Adjustment °	3 dB Beam Width °	Elevation ft	Outside Diameter ft		Aperture Area ft^2	Weight K
SC3-W100AC	B	Paraboloid w/Shroud (HP)	From Leg	3.000 0.000 0.000	-27.000		130.000	3.292	No Ice 1/2" Ice 1" Ice	8.510 8.946 9.383	0.046 0.092 0.138
*											

Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice
3	0.9 Dead+1.0 Wind 0 deg - No Ice
4	1.2 Dead+1.0 Wind 30 deg - No Ice
5	0.9 Dead+1.0 Wind 30 deg - No Ice
6	1.2 Dead+1.0 Wind 60 deg - No Ice
7	0.9 Dead+1.0 Wind 60 deg - No Ice
8	1.2 Dead+1.0 Wind 90 deg - No Ice
9	0.9 Dead+1.0 Wind 90 deg - No Ice
10	1.2 Dead+1.0 Wind 120 deg - No Ice
11	0.9 Dead+1.0 Wind 120 deg - No Ice
12	1.2 Dead+1.0 Wind 150 deg - No Ice
13	0.9 Dead+1.0 Wind 150 deg - No Ice
14	1.2 Dead+1.0 Wind 180 deg - No Ice
15	0.9 Dead+1.0 Wind 180 deg - No Ice
16	1.2 Dead+1.0 Wind 210 deg - No Ice
17	0.9 Dead+1.0 Wind 210 deg - No Ice
18	1.2 Dead+1.0 Wind 240 deg - No Ice
19	0.9 Dead+1.0 Wind 240 deg - No Ice
20	1.2 Dead+1.0 Wind 270 deg - No Ice
21	0.9 Dead+1.0 Wind 270 deg - No Ice
22	1.2 Dead+1.0 Wind 300 deg - No Ice
23	0.9 Dead+1.0 Wind 300 deg - No Ice
24	1.2 Dead+1.0 Wind 330 deg - No Ice
25	0.9 Dead+1.0 Wind 330 deg - No Ice
26	1.2 Dead+1.0 Ice+1.0 Temp
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp
30	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
31	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp
32	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp
33	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
34	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp
35	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp
36	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp
37	1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp
38	1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp
39	Dead+Wind 0 deg - Service
40	Dead+Wind 30 deg - Service
41	Dead+Wind 60 deg - Service
42	Dead+Wind 90 deg - Service
43	Dead+Wind 120 deg - Service
44	Dead+Wind 150 deg - Service
45	Dead+Wind 180 deg - Service
46	Dead+Wind 210 deg - Service
47	Dead+Wind 240 deg - Service

Comb. No.	Description
48	Dead+Wind 270 deg - Service
49	Dead+Wind 300 deg - Service
50	Dead+Wind 330 deg - Service

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	167 - 118.25	Pole	Max Tension	36	0.000	-0.004	-0.002
			Max. Compression	26	-50.599	1.432	1.577
			Max. Mx	20	-28.492	775.937	-0.870
			Max. My	14	-28.509	0.770	-775.449
			Max. Vy	20	-26.879	775.937	-0.870
			Max. Vx	14	26.770	0.770	-775.449
			Max. Torque	21			-2.171
L2	118.25 - 77.75	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-63.066	3.660	1.511
			Max. Mx	20	-38.708	1886.710	-1.906
			Max. My	14	-38.719	1.073	-1881.268
			Max. Vy	20	-29.330	1886.710	-1.906
			Max. Vx	14	29.222	1.073	-1881.268
			Max. Torque	11			1.535
L3	77.75 - 38.25	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-80.114	5.974	1.259
			Max. Mx	20	-52.828	3060.126	-3.004
			Max. My	14	-52.833	1.582	-3049.812
			Max. Vy	20	-31.842	3060.126	-3.004
			Max. Vx	14	31.736	1.582	-3049.812
			Max. Torque	11			1.528
L4	38.25 - 0	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-103.389	9.016	0.901
			Max. Mx	20	-72.862	4551.979	-4.325
			Max. My	14	-72.862	2.393	-4535.917
			Max. Vy	20	-34.273	4551.979	-4.325
			Max. Vx	14	34.172	2.393	-4535.917
			Max. Torque	11			1.525

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	36	103.389	9.295	-0.005
	Max. H_x	20	72.882	34.230	-0.018
	Max. H_z	2	72.882	-0.038	34.124
	Max. M_x	2	4532.291	-0.038	34.124
	Max. M_z	8	4532.409	-34.151	0.023
	Max. Torsion	11	1.524	-29.585	-17.009
	Min. Vert	11	54.662	-29.585	-17.009
	Min. H_x	8	72.882	-34.151	0.023
	Min. H_z	14	72.882	-0.016	-34.129
	Min. M_x	14	-4535.917	-0.016	-34.129
	Min. M_z	20	-4551.979	34.230	-0.018
	Min. Torsion	23	-1.315	29.666	17.028

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K

Tower Mast Reaction Summary

Load Combination	Vertical K	$Shear_x$ K	$Shear_z$ K	Overturning Moment, M_x kip-ft	Overturning Moment, M_z kip-ft	Torque kip-ft
Dead Only	60.735	0.000	0.000	1.169	3.429	-0.000
1.2 Dead+1.0 Wind 0 deg - No Ice	72.882	0.038	-34.124	-4532.291	-1.156	0.887
0.9 Dead+1.0 Wind 0 deg - No Ice	54.662	0.038	-34.124	-4451.677	-2.217	0.902
1.2 Dead+1.0 Wind 30 deg - No Ice	72.882	17.157	-29.536	-3922.778	-2275.538	0.084
0.9 Dead+1.0 Wind 30 deg - No Ice	54.662	17.157	-29.536	-3853.038	-2235.968	0.097
1.2 Dead+1.0 Wind 60 deg - No Ice	72.882	29.617	-17.037	-2262.088	-3930.456	-0.893
0.9 Dead+1.0 Wind 60 deg - No Ice	54.662	29.617	-17.037	-2222.027	-3861.307	-0.886
1.2 Dead+1.0 Wind 90 deg - No Ice	72.882	34.151	-0.023	-1.832	-4532.409	-1.429
0.9 Dead+1.0 Wind 90 deg - No Ice	54.662	34.151	-0.023	-2.179	-4452.513	-1.429
1.2 Dead+1.0 Wind 120 deg - No Ice	72.882	29.585	17.009	2260.816	-3925.742	-1.517
0.9 Dead+1.0 Wind 120 deg - No Ice	54.662	29.585	17.009	2220.027	-3856.683	-1.524
1.2 Dead+1.0 Wind 150 deg - No Ice	72.882	17.451	30.080	3973.274	-2299.843	-1.229
0.9 Dead+1.0 Wind 150 deg - No Ice	54.662	17.451	30.080	3902.225	-2260.040	-1.241
1.2 Dead+1.0 Wind 180 deg - No Ice	72.882	0.016	34.129	4535.917	2.393	-0.804
0.9 Dead+1.0 Wind 180 deg - No Ice	54.662	0.016	34.129	4454.506	1.266	-0.818
1.2 Dead+1.0 Wind 210 deg - No Ice	72.882	-17.220	29.512	3922.439	2292.929	-0.018
0.9 Dead+1.0 Wind 210 deg - No Ice	54.662	-17.220	29.512	3851.969	2250.926	-0.030
1.2 Dead+1.0 Wind 240 deg - No Ice	72.882	-29.695	17.050	2266.967	3949.817	0.803
0.9 Dead+1.0 Wind 240 deg - No Ice	54.662	-29.695	17.050	2226.080	3878.215	0.796
1.2 Dead+1.0 Wind 270 deg - No Ice	72.882	-34.230	0.018	4.325	4551.979	1.294
0.9 Dead+1.0 Wind 270 deg - No Ice	54.662	-34.230	0.018	3.870	4469.620	1.294
1.2 Dead+1.0 Wind 300 deg - No Ice	72.882	-29.666	-17.028	-2260.453	3945.645	1.308
0.9 Dead+1.0 Wind 300 deg - No Ice	54.662	-29.666	-17.028	-2220.433	3874.104	1.315
1.2 Dead+1.0 Wind 330 deg - No Ice	72.882	-17.524	-30.067	-3968.532	2318.777	0.907
0.9 Dead+1.0 Wind 330 deg - No Ice	54.662	-17.524	-30.067	-3898.311	2276.497	0.919
1.2 Dead+1.0 Ice+1.0 Temp	103.389	-0.000	-0.000	-0.901	9.016	0.000
1.2 Dead+1.0 Wind 0 deg+1.0	103.389	0.009	-9.276	-1244.014	7.903	0.195

Load Combination	Vertical K	$Shear_x$ K	$Shear_z$ K	Overturning Moment, M_x kip-ft	Overturning Moment, M_z kip-ft	Torque kip-ft
Ice+1.0 Temp						
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	103.389	4.657	-8.030	-1077.224	-615.058	-0.129
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	103.389	8.045	-4.634	-622.056	-1068.958	-0.449
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	103.389	9.280	-0.006	-1.896	-1234.163	-0.608
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	103.389	8.037	4.626	618.826	-1067.723	-0.591
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	103.389	4.647	8.023	1074.243	-613.486	-0.421
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	103.389	0.001	9.277	1242.255	9.158	-0.178
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	103.389	-4.670	8.026	1074.648	635.454	0.143
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	103.389	-8.060	4.637	620.555	1089.767	0.431
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	103.389	-9.295	0.005	-0.103	1255.015	0.582
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	103.389	-8.053	-4.629	-621.268	1088.640	0.550
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	103.389	-4.662	-8.021	-1075.778	634.197	0.358
Dead+Wind 0 deg - Service	60.735	0.009	-8.310	-1091.589	2.266	0.221
Dead+Wind 30 deg - Service	60.735	4.178	-7.192	-944.670	-545.948	0.022
Dead+Wind 60 deg - Service	60.735	7.212	-4.149	-544.394	-944.867	-0.221
Dead+Wind 90 deg - Service	60.735	8.316	-0.005	0.424	-1089.943	-0.355
Dead+Wind 120 deg - Service	60.735	7.204	4.142	545.809	-943.711	-0.377
Dead+Wind 150 deg - Service	60.735	4.249	7.325	958.670	-551.860	-0.306
Dead+Wind 180 deg - Service	60.735	0.004	8.311	1094.212	3.122	-0.201
Dead+Wind 210 deg - Service	60.735	-4.193	7.186	946.362	555.256	-0.006
Dead+Wind 240 deg - Service	60.735	-7.231	4.152	547.304	954.630	0.199
Dead+Wind 270 deg - Service	60.735	-8.335	0.004	1.909	1099.775	0.321
Dead+Wind 300 deg - Service	60.735	-7.224	-4.147	-544.007	953.634	0.326
Dead+Wind 330 deg - Service	60.735	-4.267	-7.322	-955.767	561.504	0.227

Solution Summary

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX K	PY K	PZ K	PX K	PY K	PZ K	% Error
1	0.000	-60.735	0.000	0.000	60.735	0.000	0.000%
2	0.038	-72.882	-34.124	-0.038	72.882	34.124	0.000%
3	0.038	-54.662	-34.124	-0.038	54.662	34.124	0.000%
4	17.157	-72.882	-29.536	-17.157	72.882	29.536	0.000%
5	17.157	-54.662	-29.536	-17.157	54.662	29.536	0.000%
6	29.617	-72.882	-17.037	-29.617	72.882	17.037	0.000%
7	29.617	-54.662	-17.037	-29.617	54.662	17.037	0.000%
8	34.151	-72.882	-0.023	-34.151	72.882	0.023	0.000%
9	34.151	-54.662	-0.023	-34.151	54.662	0.023	0.000%
10	29.585	-72.882	17.009	-29.585	72.882	-17.009	0.000%
11	29.585	-54.662	17.009	-29.585	54.662	-17.009	0.000%
12	17.451	-72.882	30.080	-17.451	72.882	-30.080	0.000%
13	17.451	-54.662	30.080	-17.451	54.662	-30.080	0.000%
14	0.016	-72.882	34.129	-0.016	72.882	-34.129	0.000%
15	0.016	-54.662	34.129	-0.016	54.662	-34.129	0.000%
16	-17.220	-72.882	29.512	17.220	72.882	-29.512	0.000%
17	-17.220	-54.662	29.512	17.220	54.662	-29.512	0.000%

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX K	PY K	PZ K	PX K	PY K	PZ K	% Error
18	-29.695	-72.882	17.050	29.695	72.882	-17.050	0.000%
19	-29.695	-54.662	17.050	29.695	54.662	-17.050	0.000%
20	-34.230	-72.882	0.018	34.230	72.882	-0.018	0.000%
21	-34.230	-54.662	0.018	34.230	54.662	-0.018	0.000%
22	-29.666	-72.882	-17.028	29.666	72.882	17.028	0.000%
23	-29.666	-54.662	-17.028	29.666	54.662	17.028	0.000%
24	-17.524	-72.882	-30.067	17.524	72.882	30.067	0.000%
25	-17.524	-54.662	-30.067	17.524	54.662	30.067	0.000%
26	0.000	-103.389	0.000	0.000	103.389	0.000	0.000%
27	0.009	-103.389	-9.275	-0.009	103.389	9.276	0.000%
28	4.657	-103.389	-8.030	-4.657	103.389	8.030	0.000%
29	8.045	-103.389	-4.634	-8.045	103.389	4.634	0.000%
30	9.279	-103.389	-0.006	-9.280	103.389	0.006	0.000%
31	8.037	-103.389	4.626	-8.037	103.389	-4.626	0.000%
32	4.647	-103.389	8.023	-4.647	103.389	-8.023	0.000%
33	0.001	-103.389	9.276	-0.001	103.389	-9.277	0.000%
34	-4.670	-103.389	8.026	4.670	103.389	-8.026	0.000%
35	-8.060	-103.389	4.637	8.060	103.389	-4.637	0.000%
36	-9.295	-103.389	0.005	9.295	103.389	-0.005	0.000%
37	-8.053	-103.389	-4.629	8.053	103.389	4.629	0.000%
38	-4.662	-103.389	-8.021	4.662	103.389	8.021	0.000%
39	0.009	-60.735	-8.309	-0.009	60.735	8.310	0.000%
40	4.178	-60.735	-7.192	-4.178	60.735	7.192	0.000%
41	7.212	-60.735	-4.149	-7.212	60.735	4.149	0.000%
42	8.316	-60.735	-0.005	-8.316	60.735	0.005	0.000%
43	7.204	-60.735	4.142	-7.204	60.735	-4.142	0.000%
44	4.249	-60.735	7.325	-4.249	60.735	-7.325	0.000%
45	0.004	-60.735	8.311	-0.004	60.735	-8.311	0.000%
46	-4.193	-60.735	7.186	4.193	60.735	-7.186	0.000%
47	-7.231	-60.735	4.152	7.231	60.735	-4.152	0.000%
48	-8.335	-60.735	0.004	8.335	60.735	-0.004	0.000%
49	-7.224	-60.735	-4.147	7.224	60.735	4.147	0.000%
50	-4.267	-60.735	-7.322	4.267	60.735	7.322	0.000%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.00000001	0.00000001
2	Yes	5	0.00000001	0.00010049
3	Yes	5	0.00000001	0.00004739
4	Yes	6	0.00000001	0.00041765
5	Yes	6	0.00000001	0.00014053
6	Yes	6	0.00000001	0.00042218
7	Yes	6	0.00000001	0.00014232
8	Yes	5	0.00000001	0.00017858
9	Yes	5	0.00000001	0.00008720
10	Yes	6	0.00000001	0.00040880
11	Yes	6	0.00000001	0.00013724
12	Yes	6	0.00000001	0.00042914
13	Yes	6	0.00000001	0.00014430
14	Yes	5	0.00000001	0.00008843
15	Yes	5	0.00000001	0.00004063
16	Yes	6	0.00000001	0.00042224
17	Yes	6	0.00000001	0.00014185
18	Yes	6	0.00000001	0.00041529

19	Yes	6	0.00000001	0.00013928
20	Yes	5	0.00000001	0.00015440
21	Yes	5	0.00000001	0.00007494
22	Yes	6	0.00000001	0.00042538
23	Yes	6	0.00000001	0.00014334
24	Yes	6	0.00000001	0.00042159
25	Yes	6	0.00000001	0.00014107
26	Yes	4	0.00000001	0.00005363
27	Yes	5	0.00000001	0.00092162
28	Yes	6	0.00000001	0.00018177
29	Yes	6	0.00000001	0.00018327
30	Yes	5	0.00000001	0.00091387
31	Yes	6	0.00000001	0.00017930
32	Yes	6	0.00000001	0.00018154
33	Yes	5	0.00000001	0.00091578
34	Yes	6	0.00000001	0.00018476
35	Yes	6	0.00000001	0.00018315
36	Yes	5	0.00000001	0.00092918
37	Yes	6	0.00000001	0.00018652
38	Yes	6	0.00000001	0.00018450
39	Yes	4	0.00000001	0.00020840
40	Yes	4	0.00000001	0.00098628
41	Yes	5	0.00000001	0.00007959
42	Yes	4	0.00000001	0.00023309
43	Yes	4	0.00000001	0.00094395
44	Yes	5	0.00000001	0.00008170
45	Yes	4	0.00000001	0.00020758
46	Yes	5	0.00000001	0.00007913
47	Yes	4	0.00000001	0.00097925
48	Yes	4	0.00000001	0.00023061
49	Yes	5	0.00000001	0.00008161
50	Yes	4	0.00000001	0.00099807

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	167 - 118.25	29.714	50	1.713	0.005
L2	122.75 - 77.75	15.093	50	1.311	0.001
L3	83.25 - 38.25	6.416	50	0.769	0.000
L4	45 - 0	1.796	50	0.367	0.000

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
171.000	Lightning Rod 5/8"x6'	50	29.714	1.713	0.005	31087
168.000	14" x 2' Top Hat	50	29.714	1.713	0.005	31087
167.000	FSA10-41-DIN	50	29.714	1.713	0.005	31087
160.000	RRUS 32 B2	50	27.230	1.660	0.005	22205
150.000	PCS 1900MHZ 4X45W-65MHZ	50	23.733	1.581	0.004	9143
148.000	APXVTM14-ALU-I20 w/ Mount Pipe	50	23.047	1.564	0.003	8180
138.000	APXVAARR24_43-U-NA20 w/	50	19.716	1.474	0.002	5359

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
	Mount Pipe					
130.000	SC3-W100AC	50	17.209	1.393	0.002	4199
123.000	MX08FRO665-21 w/ Mount Pipe	50	15.163	1.314	0.001	3610

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	167 - 118.25	123.300	24	7.126	0.021
L2	122.75 - 77.75	62.681	24	5.455	0.005
L3	83.25 - 38.25	26.644	24	3.195	0.002
L4	45 - 0	7.455	24	1.522	0.001

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
171.000	Lightning Rod 5/8"x6'	24	123.300	7.126	0.022	7688
168.000	14" x 2' Top Hat	24	123.300	7.126	0.022	7688
167.000	FSA10-41-DIN	24	123.300	7.126	0.022	7688
160.000	RRUS 32 B2	24	113.002	6.905	0.019	5491
150.000	PCS 1900MHZ 4X45W-65MHZ	24	98.508	6.576	0.014	2258
148.000	APXVTM14-ALU-I20 w/ Mount Pipe	24	95.664	6.507	0.014	2020
138.000	APXVAARR24_43-U-NA20 w/ Mount Pipe	24	81.856	6.136	0.010	1321
130.000	SC3-W100AC	24	71.458	5.799	0.007	1033
123.000	MX08FRO665-21 w/ Mount Pipe	24	62.972	5.468	0.006	886

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
L1	167 - 118.25 (1)	TP32.36x24x0.25	48.750	0.000	0.0	24.867	-28.490	1454.720	0.020
L2	118.25 - 77.75 (2)	TP44.297x31.088x0.313	45.000	0.000	0.0	42.026	-38.681	2458.510	0.016
L3	77.75 - 38.25 (3)	TP52.877x42.058x0.375	45.000	0.000	0.0	60.559	-52.806	3542.690	0.015
L4	38.25 - 0 (4)	TP61.04x50.504x0.438	45.000	0.000	0.0	84.154	-72.862	4923.020	0.015

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$

Pole Bending Design Data

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{nx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} kip-ft	ϕM_{ny} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L1	167 - 118.25 (1)	TP32.36x24x0.25	776.525	1099.992	0.706	0.000	1099.992	0.000
L2	118.25 - 77.75 (2)	TP44.297x31.088x0.313	1890.342	2445.117	0.773	0.000	2445.117	0.000
L3	77.75 - 38.25 (3)	TP52.877x42.058x0.375	3079.692	4229.900	0.728	0.000	4229.900	0.000
L4	38.25 - 0 (4)	TP61.04x50.504x0.438	4596.300	6946.783	0.662	0.000	6946.783	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V_u K	ϕV_n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u kip-ft	ϕT_n kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	167 - 118.25 (1)	TP32.36x24x0.25	26.893	436.415	0.062	0.811	1197.717	0.001
L2	118.25 - 77.75 (2)	TP44.297x31.088x0.313	29.637	737.554	0.040	0.910	2736.742	0.000
L3	77.75 - 38.25 (3)	TP52.877x42.058x0.375	32.387	1062.810	0.030	0.908	4735.592	0.000
L4	38.25 - 0 (4)	TP61.04x50.504x0.438	34.845	1476.910	0.024	0.907	7838.325	0.000

Pole Interaction Design Data

Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	167 - 118.25 (1)	0.020	0.706	0.000	0.062	0.001	0.729 ✔	1.050	4.8.2 ✔
L2	118.25 - 77.75 (2)	0.016	0.773	0.000	0.040	0.000	0.790 ✔	1.050	4.8.2 ✔
L3	77.75 - 38.25 (3)	0.015	0.728	0.000	0.030	0.000	0.744 ✔	1.050	4.8.2 ✔
L4	38.25 - 0 (4)	0.015	0.662	0.000	0.024	0.000	0.677 ✔	1.050	4.8.2 ✔

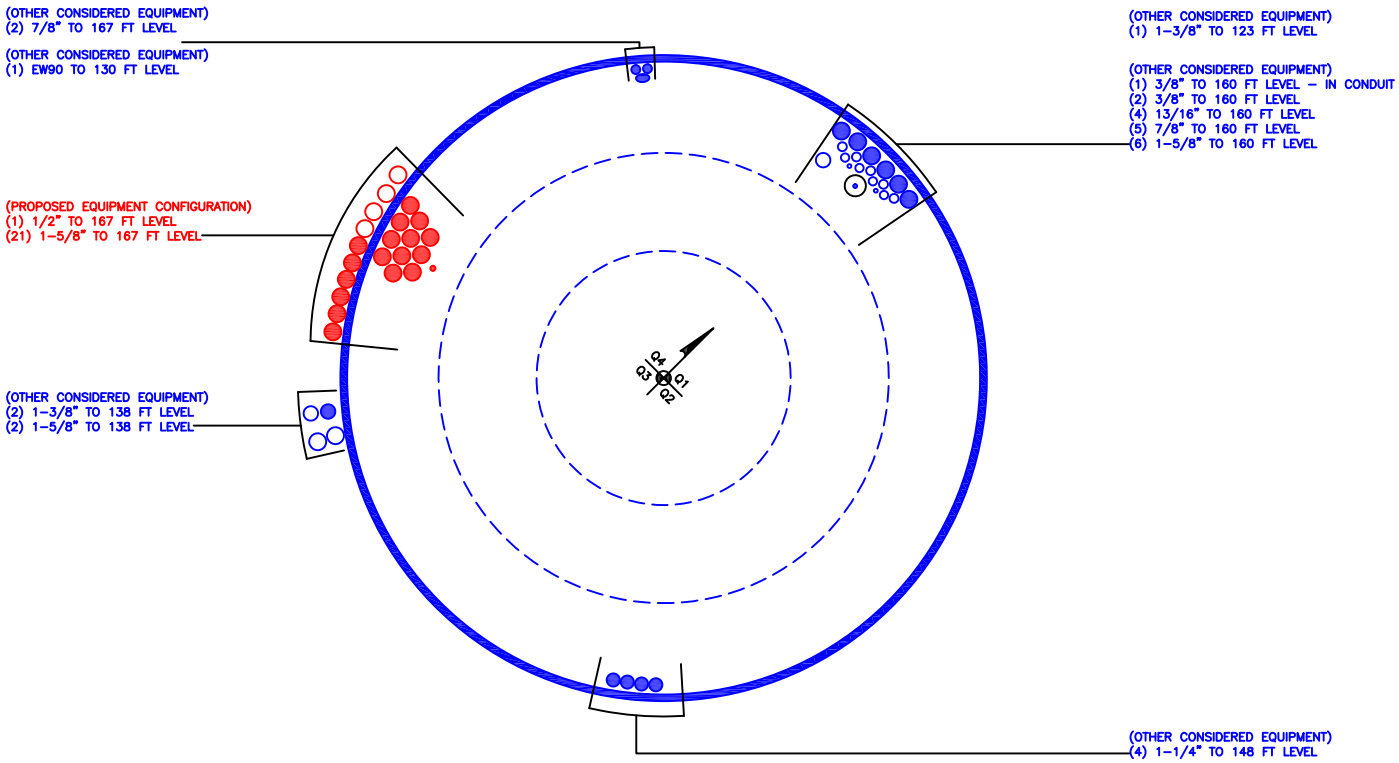
Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	167 - 118.25	Pole	TP32.36x24x0.25	1	-28.490	1527.456	69.5	Pass
L2	118.25 - 77.75	Pole	TP44.297x31.088x0.313	2	-38.681	2581.435	75.3	Pass
L3	77.75 - 38.25	Pole	TP52.877x42.058x0.375	3	-52.806	3719.824	70.8	Pass
L4	38.25 - 0	Pole	TP61.04x50.504x0.438	4	-72.862	5169.171	64.5	Pass
							Summary	
						Pole (L2)	75.3	Pass
						RATING =	**75.3**	**Pass**

Program Version 8.1.1.0

APPENDIX B

BASE LEVEL DRAWING



BUSINESS UNIT: 801367

APPENDIX C

ADDITIONAL CALCULATIONS

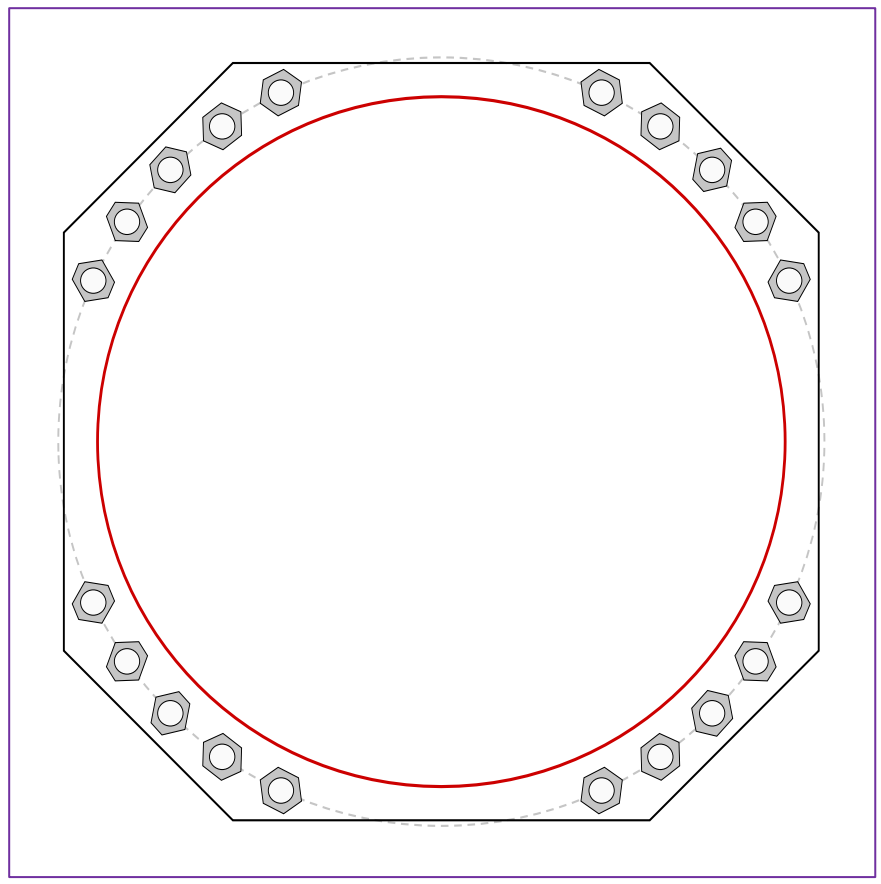
Monopole Base Plate Connection

Site Info	
BU #	801367
Site Name	NHV-2075 CAC 801367
Order #	609111, Rev# 1

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
l_{ar} (in)	1

Applied Loads	
Moment (kip-ft)	4596.30
Axial Force (kips)	72.86
Shear Force (kips)	34.84

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

(20) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 68" BC

Anchor Spacing: 6 in

Base Plate Data

67" W x 3" Plate (A572-55; Fy=55 ksi, Fu=70 ksi); Clip: 15 in

Stiffener Data

N/A

Pole Data

61.04" x 0.4375" 18-sided pole (A607-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

Anchor Rod Summary *(units of kips, kip-in)*

Pu_t = 158.51	ϕPn_t = 243.75	**Stress Rating**
Vu = 1.74	ϕVn = 149.1	**61.9%**
Mu = n/a	ϕMn = n/a	**Pass**

Base Plate Summary

Max Stress (ksi):	25.97	(Flexural)
Allowable Stress (ksi):	49.5	
Stress Rating:	**50.0%**	**Pass**

Pier and Pad Foundation

BU # :	801367
Site Name:	CT NHV-2075 CAC
App. Number:	609111, Rev# 1

TIA-222 Revision:	H
Tower Type:	Monopole

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

Superstructure Analysis Reactions

Compression, P_{comp}:	73	kips
Base Shear, Vu_comp:	35	kips
Moment, M_u:	4596	ft-kips
Tower Height, **H**:	167	ft
BP Dist. Above Fdn, bp_{dist}:	3.25	in

Pier Properties

Pier Shape:	Circular	
Pier Diameter, **dpier**:	8	ft
Ext. Above Grade, **E**:	0.5	ft
Pier Rebar Size, **Sc**:	11	
Pier Rebar Quantity, **mc**:	40	
Pier Tie/Spiral Size, **St**:	4	
Pier Tie/Spiral Quantity, **mt**:	12	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, cc_{pier}:	3	in

Pad Properties

Depth, **D**:	7	ft
Pad Width, W_1:	26	ft
Pad Thickness, **T**:	4	ft
Pad Rebar Size (Bottom dir. 2), Sp_2:	10	
Pad Rebar Quantity (Bottom dir. 2), mp_2:	35	
Pad Clear Cover, cc_{pad}:	3	in

Material Properties

Rebar Grade, **Fy**:	60	ksi
Concrete Compressive Strength, **F'c**:	3	ksi
Dry Concrete Density, δ**c**:	150	pcf

Soil Properties

Total Soil Unit Weight, γ:	135	pcf
Ultimate Gross Bearing, Qult:	16.000	ksf
Cohesion, **Cu**:	0.000	ksf
Friction Angle, φ:	35	degrees
SPT Blow Count, N_{blows}:	100	
Base Friction, μ:		
Neglected Depth, **N**:	2.00	ft
Foundation Bearing on Rock?	No	
Groundwater Depth, **gw**:	N/A	ft

<--Toggle between Gross and Net

Foundation Analysis Checks

	Capacity	Demand	Rating*	Check
Lateral (Sliding) (kips)	419.04	35.00	**8.0%**	**Pass**
Bearing Pressure (ksf)	12.00	2.59	**21.5%**	**Pass**
*Overturning (kip*ft)*	8443.34	4867.98	**57.7%**	**Pass**
*Pier Flexure (Comp.) (kip*ft)*	10995.28	4718.50	**40.9%**	**Pass**
Pier Compression (kip)	23994.73	104.67	**0.4%**	**Pass**
*Pad Flexure (kip*ft)*	8284.82	1652.11	**19.0%**	**Pass**
Pad Shear - 1-way (kips)	1104.67	227.85	**19.6%**	**Pass**
Pad Shear - 2-way (Comp) (ksi)	0.164	0.025	**14.4%**	**Pass**
*Flexural 2-way (Comp) (kip*ft)*	12679.86	2831.10	**21.3%**	**Pass**

**Rating per TIA-222-H Section 15.5*

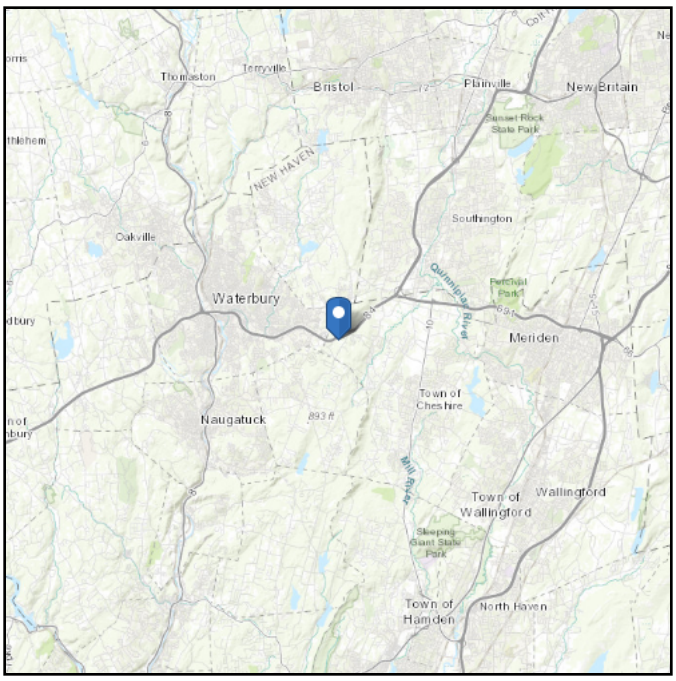
Structural Rating*:	**40.9%**
Soil Rating*:	**57.7%**

ASCE 7 Hazards Report

Address:
No Address at This Location

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

Elevation: 615.93 ft (NAVD 88)
Latitude: 41.536444
Longitude: -72.957306



Wind

Results:

Wind Speed	118 Vmph
10-year MRI	75 Vmph
25-year MRI	84 Vmph
50-year MRI	90 Vmph
100-year MRI	97 Vmph

Data Source: ASCE/SEI 7-16, Fig. 26.5-1B and Figs. CC.2-1–CC.2-4, and Section 26.5.2
Date Accessed: Thu Dec 30 2021

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

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

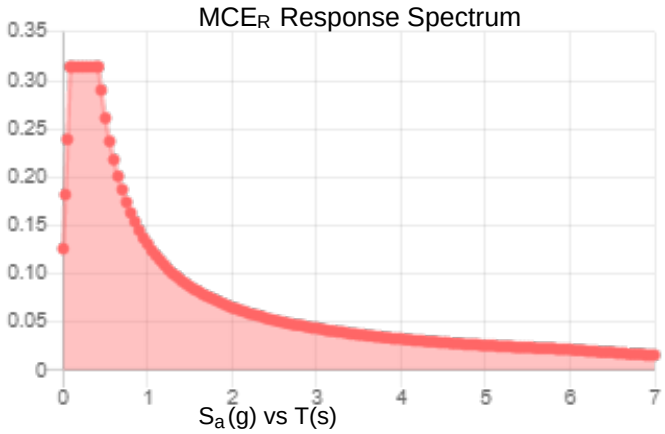
Seismic

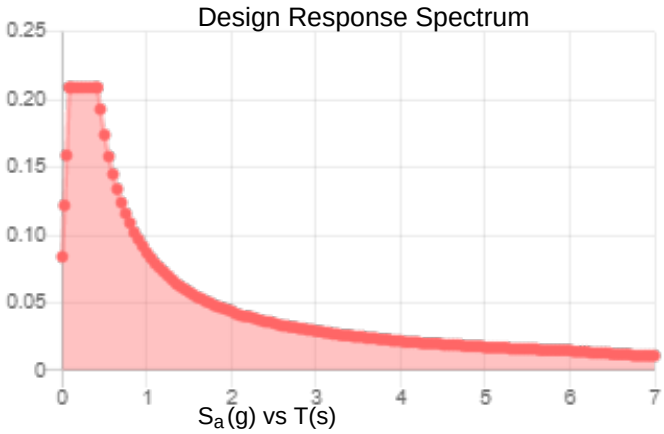
Site Soil Class: D - Default (see Section 11.4.3)

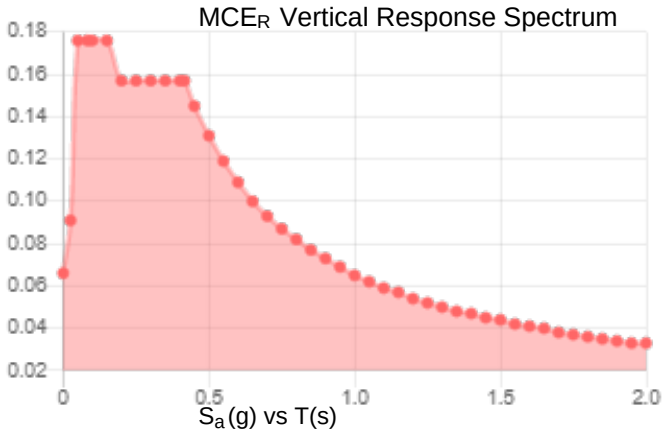
Results:

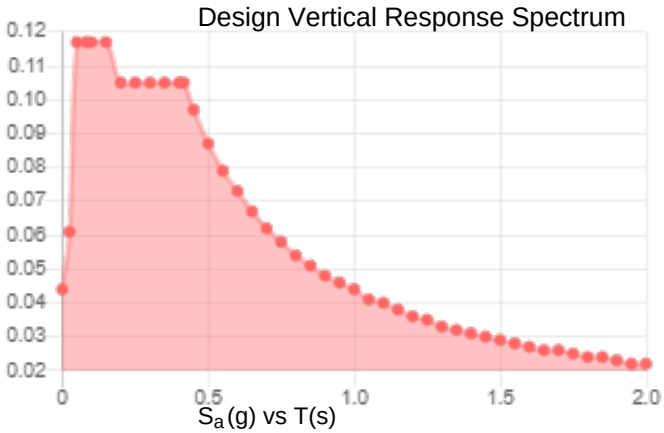
S_S :	0.196	S_{D1} :	0.087
S_1 :	0.054	T_L :	6
F_a :	1.6	PGA :	0.108
F_v :	2.4	PGA_M :	0.172
S_{MS} :	0.314	F_{PGA} :	1.583
S_{M1} :	0.131	I_e :	1
S_{DS} :	0.209	C_v :	0.7

Seismic Design Category B









Data Accessed: **Thu Dec 30 2021**

Date Source:

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

Ice

Results:

Ice Thickness:	1.00 in.
Concurrent Temperature:	15 F
Gust Speed	50 mph
Data Source:	Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8
Date Accessed:	Thu Dec 30 2021

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

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

Exhibit E

Mount Analysis

Maser Consulting Connecticut
2000 Midlantic Drive, Suite 100
Mt. Laurel, NJ 08054
(856) 7970412
peter.albano@colliersengineering.com

Post-Mod Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10053521
Maser Consulting Connecticut Project #: 21777111A

May 27, 2021

Site Information	*Site ID:*	*468071-VZW / CHESHIRE 2 CT*
	Site Name:	*CHESHIRE 2 CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*1119 Summit Rd* *Cheshire, Connecticut 06410* *New Haven County*
	Latitude:	*41.536389°*
	Longitude:	*-72.957278°*
Structure Information	*Tower Type:*	*166-Ft Self Support*
	Mount Type:	*14.00-Ft Platform*

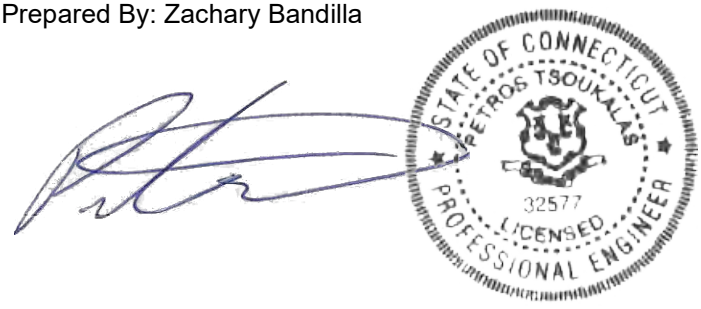
FUZE ID # 16244585

Analysis Results

Platform: **86.2% Pass**

******Contractor PMI Requirements*:**
Included at the end of this MA report
Available & Submitted via portal at https://pmi.vzwsmart.com
Contractor - Please Review Specific Site PMI Requirements Upon Award
Requirements also Noted on Mount Modification Drawings
Requirements may also be Noted on A & E drawings

Report Prepared By: Zachary Bandilla



Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS, Site ID: 323579, dated February 4, 2021*
Mount Mapping Report	*Structural Components, Project # 16244585, dated February 24, 2021*
Previous Mount Analysis	*Maser Consulting Connecticut, Project 21777111A, Dated March 15, 2021*
Mount Modification Drawings	*Maser Consulting Connecticut, Project 21777111A, Dated May 27, 2021*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	118 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.978
Seismic Parameters:	S_S:	0.196
	S_1:	0.054
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
165.00	167.00	6	JMA Wireless	MX06FRO660-02	Added
		3	Samsung	MT6407-77A	
		3	Samsung	B2/B66A RRH	
		3	Samsung	B5/B13 RRH	
		1	Raycap	RVZDC-6627-PF-48	
		6	Amphenol Antel	LPA-80063/6CF	Retained
		1	-	4.0'x3.0' Grid Dish	
		1	-	2.5'x1.5 Grid Dish	
		1	-	GPS	

The recent mount mapping did not report existing OVP units. However, 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.

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

Standard Conditions:

1. All engineering services are performed on the basis that the information provided to Maser Consulting Connecticut and used in this analysis is current and correct. The existing equipment loading has been applied at locations determined from the supplied documentation. Any deviation from the loading locations specified in this report shall be communicated to Maser Consulting Connecticut to verify deviation will not adversely impact the analysis.

2. Mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

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

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

3. For mount analyses completed from other data sources (including new replacement mounts) and not specifically mapped by Maser Consulting Connecticut, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

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

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

6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. Maser Consulting Connecticut is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.

7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:
   - o Channel, Solid Round, Angle, Plate — ASTM A36 (Gr. 36)
   - o HSS (Rectangular) — ASTM 500 (Gr. B-46)
   - o Pipe — ASTM A53 (Gr. B-35)
   - o Threaded Rod — F1554 (Gr. 36)
   - o Bolts — ASTM A325

8. Any mount modifications listed under Sources of Information are assumed to have been installed per the design specifications.

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

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	*86.2 %*	*Pass*
Standoff Angle	*39.0 %*	*Pass*
Cold Formed Channel	*75.2 %*	*Pass*
Antenna Pipe	*77.8 %*	*Pass*
Threaded Rods	*69.0 %*	*Pass*
Mod Support Rail	*21.4 %*	*Pass*
Mod Support Rail Angle	*29.7 %*	*Pass*
Mod V Kit	*16.2 %*	*Pass*
Mod Threaded Rod Kit	*32.4 %*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**86.2%**

Recommendation:

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

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

Attachments:

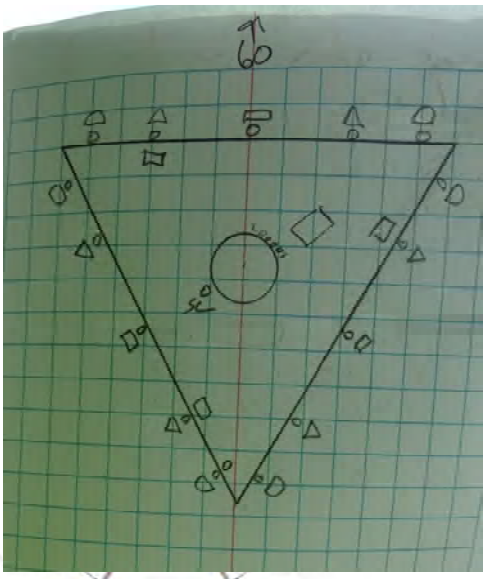
1. Mount Photos
2. Mount Mapping Report (for reference only)
3. Analysis Calculations
4. **Contractor Required PMI Report Deliverables**
5. Antenna Placement Diagrams

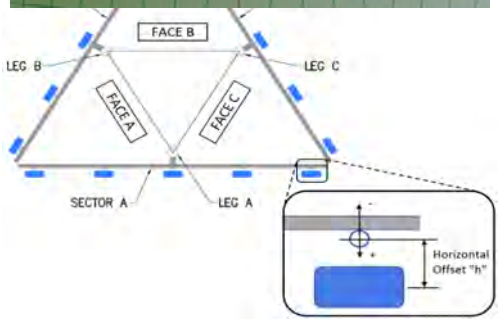
V3.0 Updated on 8-31-2020

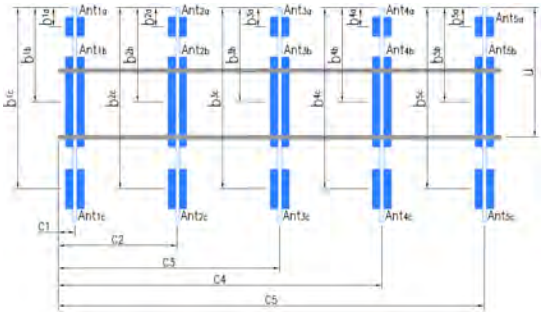
Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	Crown Castle	**Mapping Date:**	2/24/2021
Site Name:	Cheshire 2 CT	**Tower Type:**	Monopole
Site Number or ID:	16244585	**Tower Height (Ft.):**	165
Mapping Contractor:	Structural Components	**Mount Elevation (Ft.):**	165







Antenna Layout (Looking Out From Tower)

Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2-3/8 x .154 x 84	44.00	18.00	C1	2-3/8 x .154 x 84	43.00	20.00
A2	2-3/8 x .154 x 72	41.00	42.00	C2	2-3/8 x .154 x 72	41.00	44.00
A3	2-3/8 x .154 x 84	41.00	79.00	C3	2-3/8 x .154 x 72	35.00	77.50
A4	2-3/8 x .154 x 72	41.00	130.00	C4	2-3/8 x .154 x 72	42.00	128.50
A5	2-3/8 x .154 x 84	44.00	155.00	C5	2-3/8 x .154 x 84	41.00	149.00
A6	2-3/8 x .154 x 42 corner	45.00		C6			
B1	2-3/8 x .154 x 84	44.00	16.00	D1			
B2	2-3/8 x .154 x 72	44.00	40.00	D2			
B3	2-3/8 x .154 x 72	41.00	80.00	D3			
B4	2-3/8 x .154 x 72	32.00	130.50	D4			
B5	2-3/8 x .154 x 84	43.00	154.50	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.) :	

Please enter additional infomation or comments below.

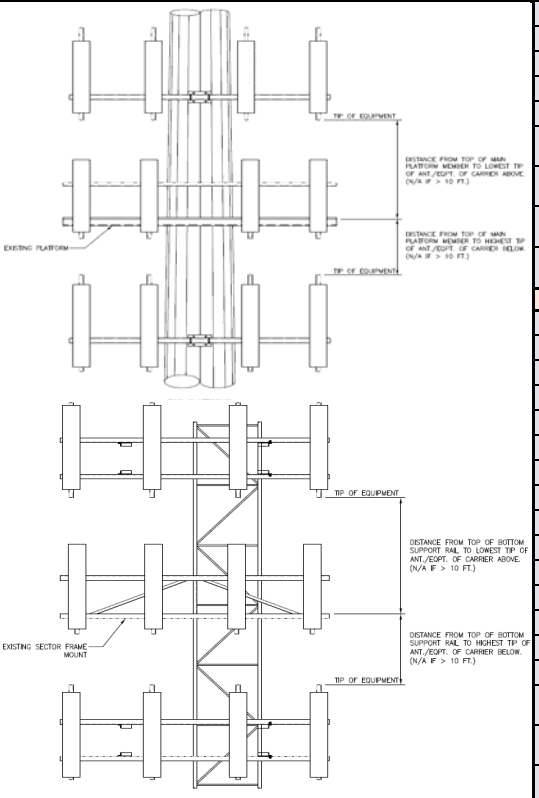
Grid Dish on point between Alpha and Beta, see sketch and Photo 10, 133

Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	23

	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant_{1a}										
Ant_{1b}	Amphonal LPA 80063	15.00	12.00	71.00	1) 1-5/8 T	166	32.00	17.00	60.00	10, 137
Ant_{1c}										
Ant_{2a}	9442 RRH 2x40 AWS	12.00	8.00	21.00		166.917	18.00	-7.00		10, 143
Ant_{2b}	Amphonal BXA 17106	6.00	4.00	48.00	Jumpers	165.917	30.00	11.00	60.00	10, 143
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	Amphonal BXA 70063	11.00	4.00	71.00	2)1-5/8 T	165.5	35.00	13.00	60.00	10, 161
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	Amphonal BXA 17106	6.00	4.00	48.00	2)1-5/8 T	165.75	32.00	8.00	60.00	10, 173
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	Amphonal LPA 80063	15.00	12.00	71.00	1) 1-5/8 T	166.25	29.00	17.00	60.00	10, 183
Ant_{5c}										
Ant on Standoff	RRFDC-3315-PF-48	14.50	11.00	19.00	1.5 HYB		5.00			201
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Mount Azimuth (Degree) for Each Sector			Tower Leg Azimuth (Degree) for Each Sector		
Sector A:	60.00	Deg	Leg A:		Deg
Sector B:	180.00	Deg	Leg B:		Deg
Sector C:	300.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information		
Location:	300.00 Deg	N/A
Climbing Facility	Corrosion Type:	N/A
	Access:	Climbing path was obstructed.
	Condition:	Missing safety cable.



Sector B										
Ant_{1a}										
Ant_{1b}	Amphonal LPA 80063	15.00	12.00	71.00	1) 1-5/8 T	166.25	29.00	17.00	180.00	17,25
Ant_{1c}										
Ant_{2a}	9442 RRH 2x40 AWS	12.00	8.00	21.00		167.25	17.00	-7.00		17
Ant_{2b}	Amphonal BXA 17106	6.00	4.00	48.00	Jumpers	166.167	30.00	10.00	180.00	17,25
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	Amphonal BXA 70063	11.00	4.00	71.00	2)1-5/8 T2	165.5	35.00	8.50	180.00	17,25
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	Amphonal BXA 17106	6.00	4.00	48.00	2)1-5/8 T2	165.917	21.00	8.00	180.00	17
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	Amphonal LPA 80063	15.00	12.00	71.00	1) 1-5/8 T	165.583	36.00	18.00	180.00	17,25
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}	GPS	3.00			1/2 tx	169.75	-14.00			247
Ant_{1b}	Amphonal LPA 80063	15.00	12.00	71.00	1) 1-5/8 T	166.083	30.00	17.00	300.00	23,25
Ant_{1c}										
Ant_{2a}	9442 RRH 2x40 AWS	12.00	8.00	21.00		167	17.00	-7.00		23
Ant_{2b}	Amphonal BXA 17106	6.00	4.00	48.00	Jumpers	166.083	28.00	9.00	300.00	23,25
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	Amphonal BXA 70063	11.00	4.00	71.00	2)1-5/8 T2	165.167	33.00	15.00	300.00	23,25
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	Amphonal BXA 17106	6.00	4.00	48.00	2)1-5/8 T2	166	30.00	8.00	300.00	23,25
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	Amphonal LPA 80063	15.00	12.00	71.00	1) 1-5/8 T	165.417	36.00	17.00	300.00	10,23,25
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

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

1		
2		
3		
4		
5		
6		
7		
8		

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

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

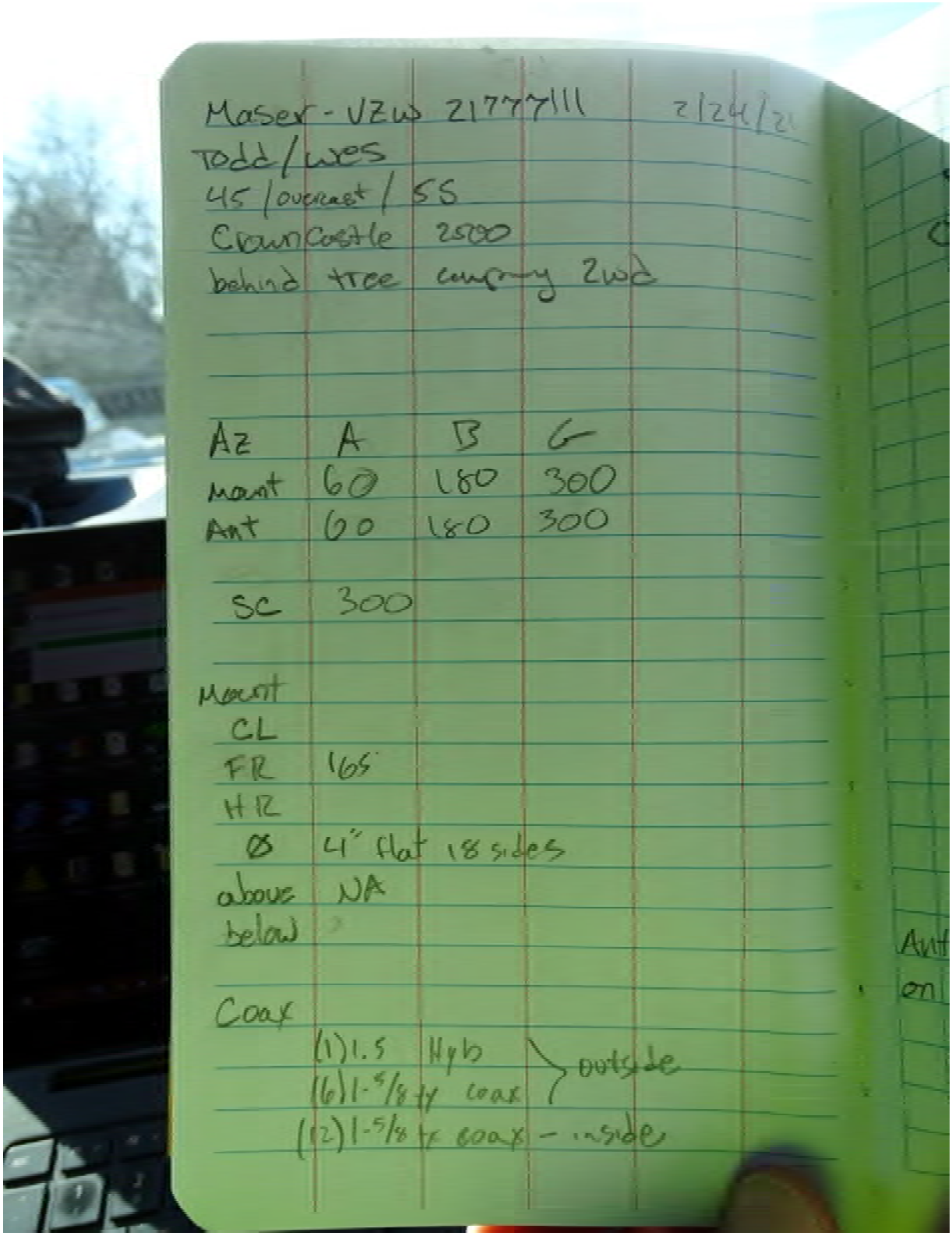
V3.0 Updated on 8-31-2020

Antenna Mount Mapping Form (PATENT PENDING)

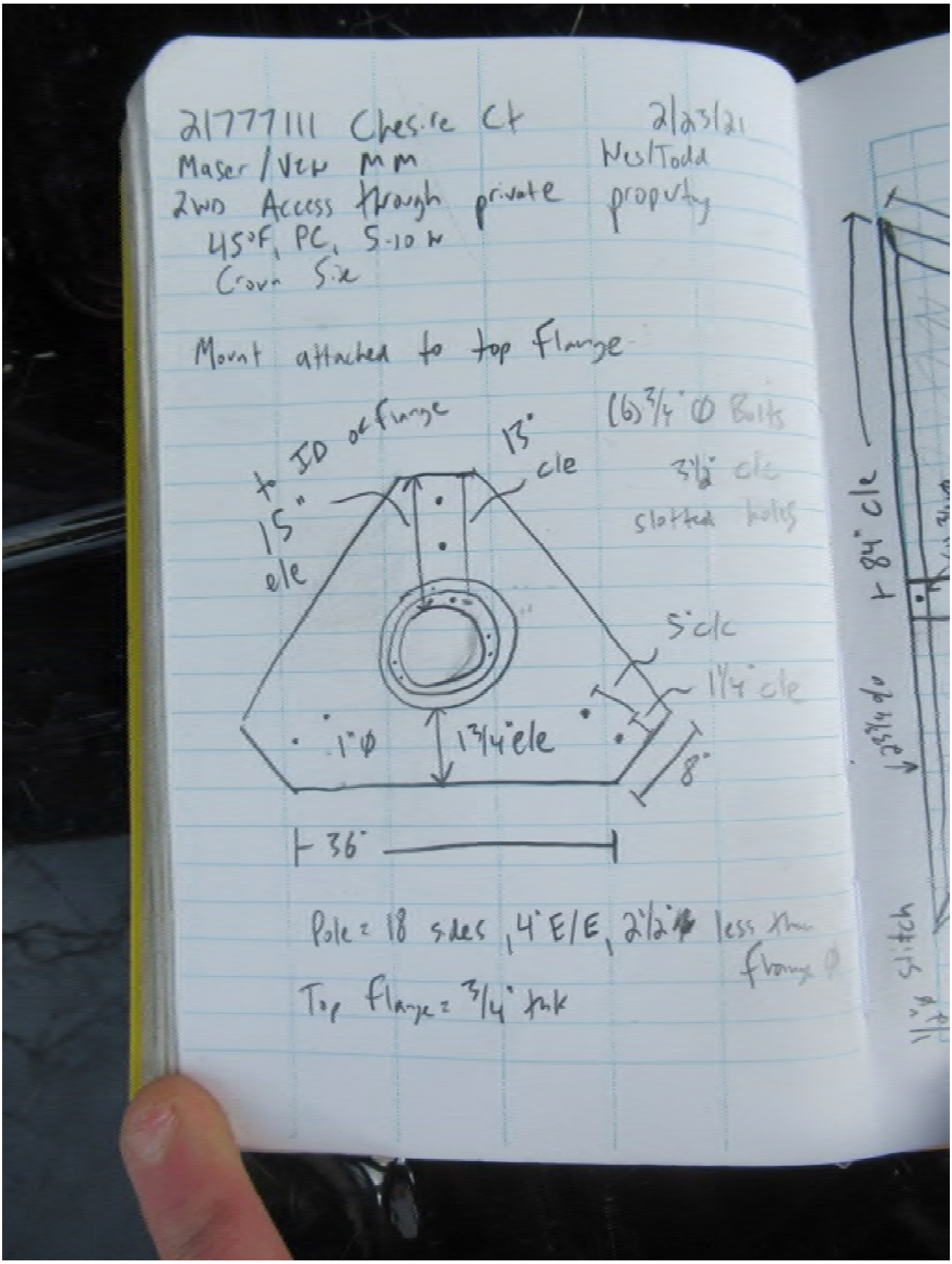
FCC #

Tower Owner:	Crown Castle	**Mapping Date:**	2/24/2021
Site Name:	Cheshire 2 CT	**Tower Type:**	Monopole
Site Number or ID:	16244585	**Tower Height (Ft.):**	165
Mapping Contractor:	Structural Components	**Mount Elevation (Ft.):**	165

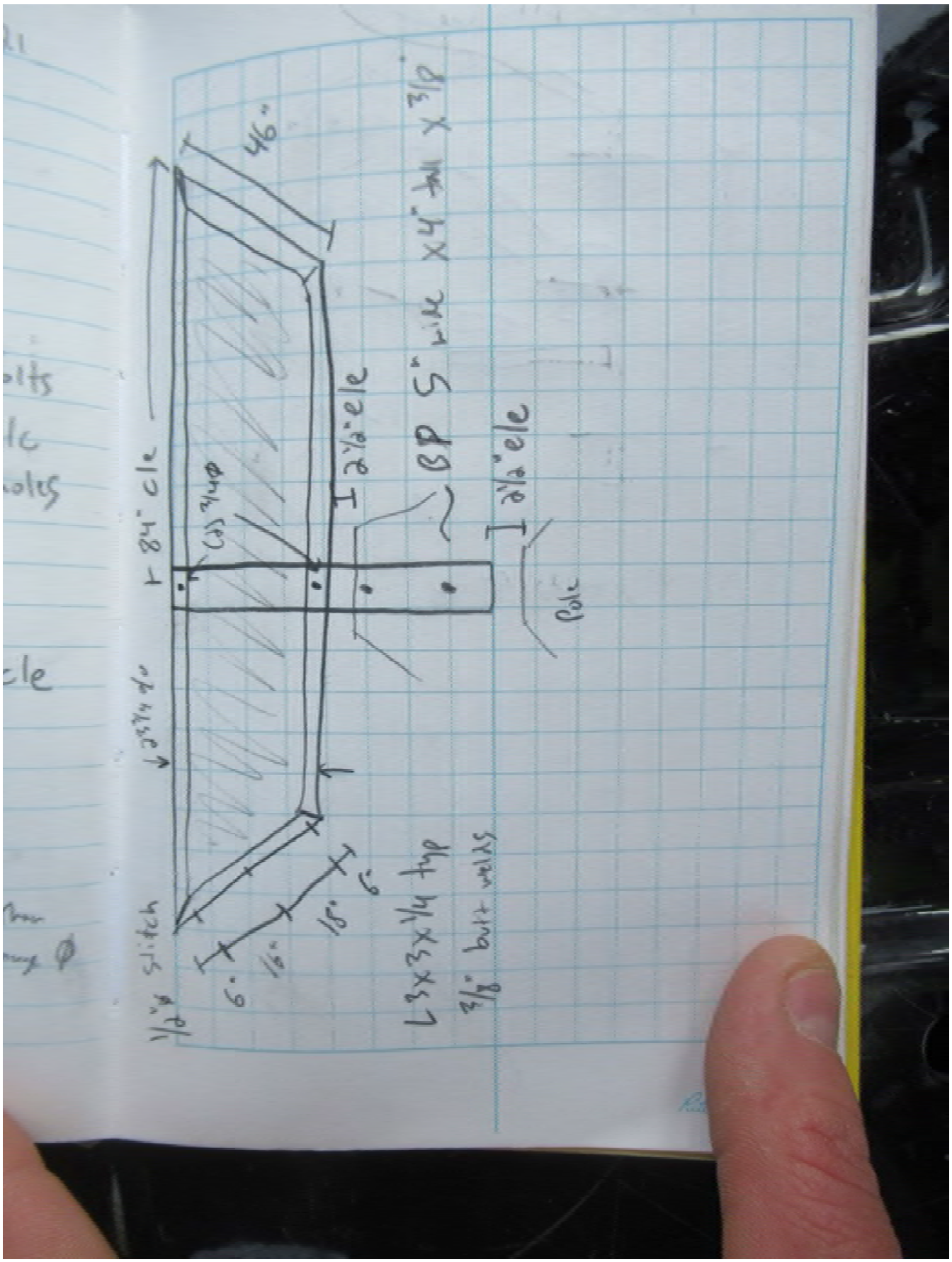
Please Insert Sketches of the Antenna Mount



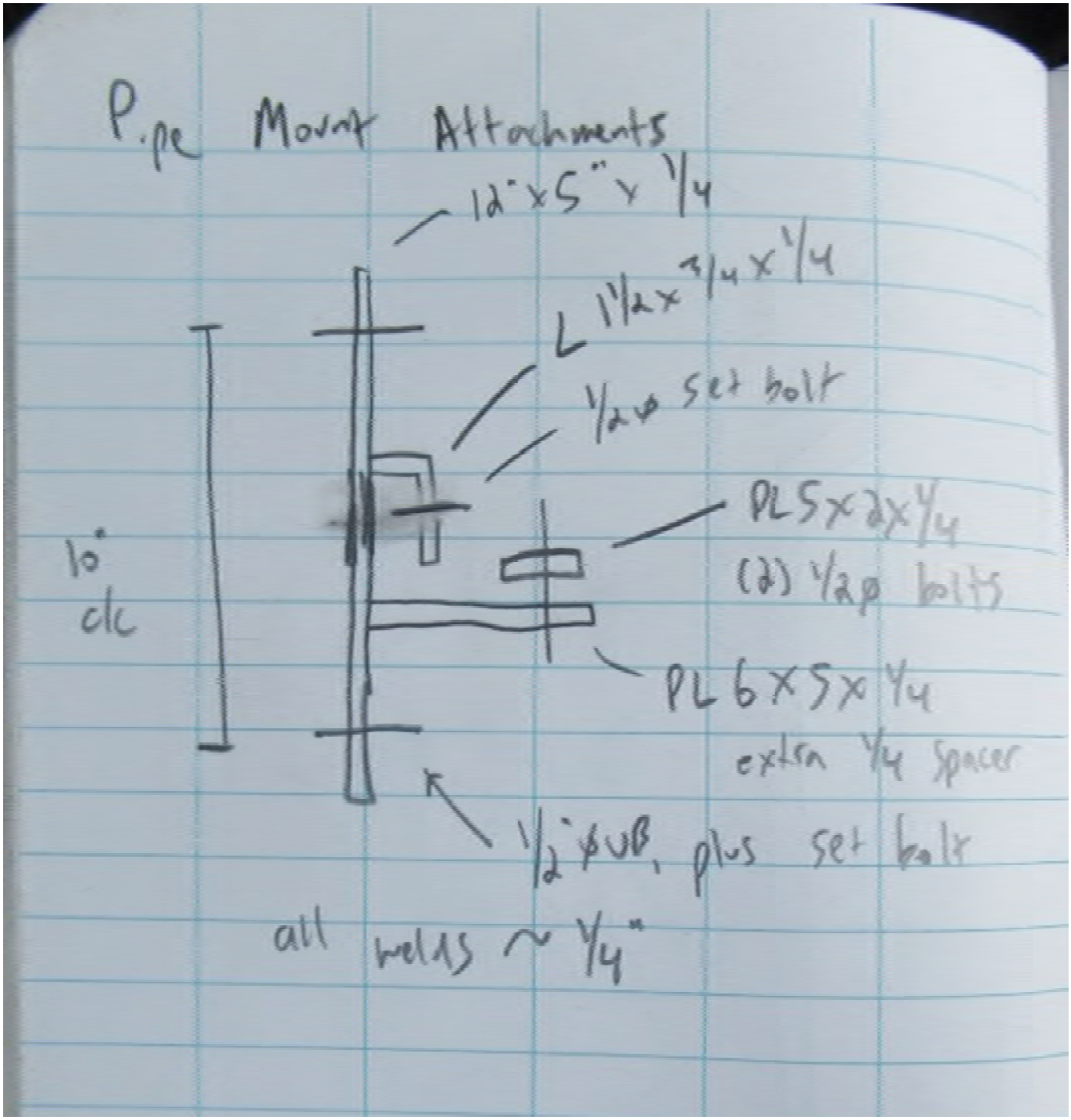
Please Insert Sketches of the Antenna Mount, cont'd



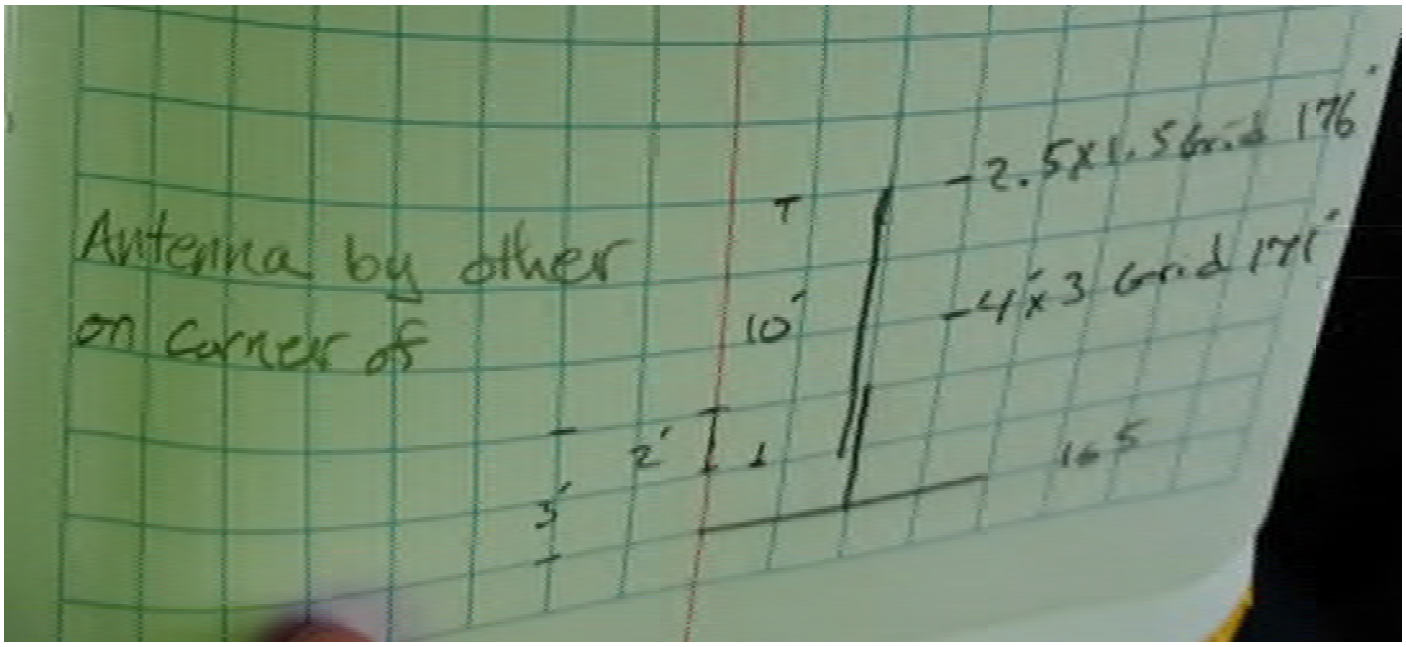
Please Insert Sketches of the Antenna Mount, cont'd

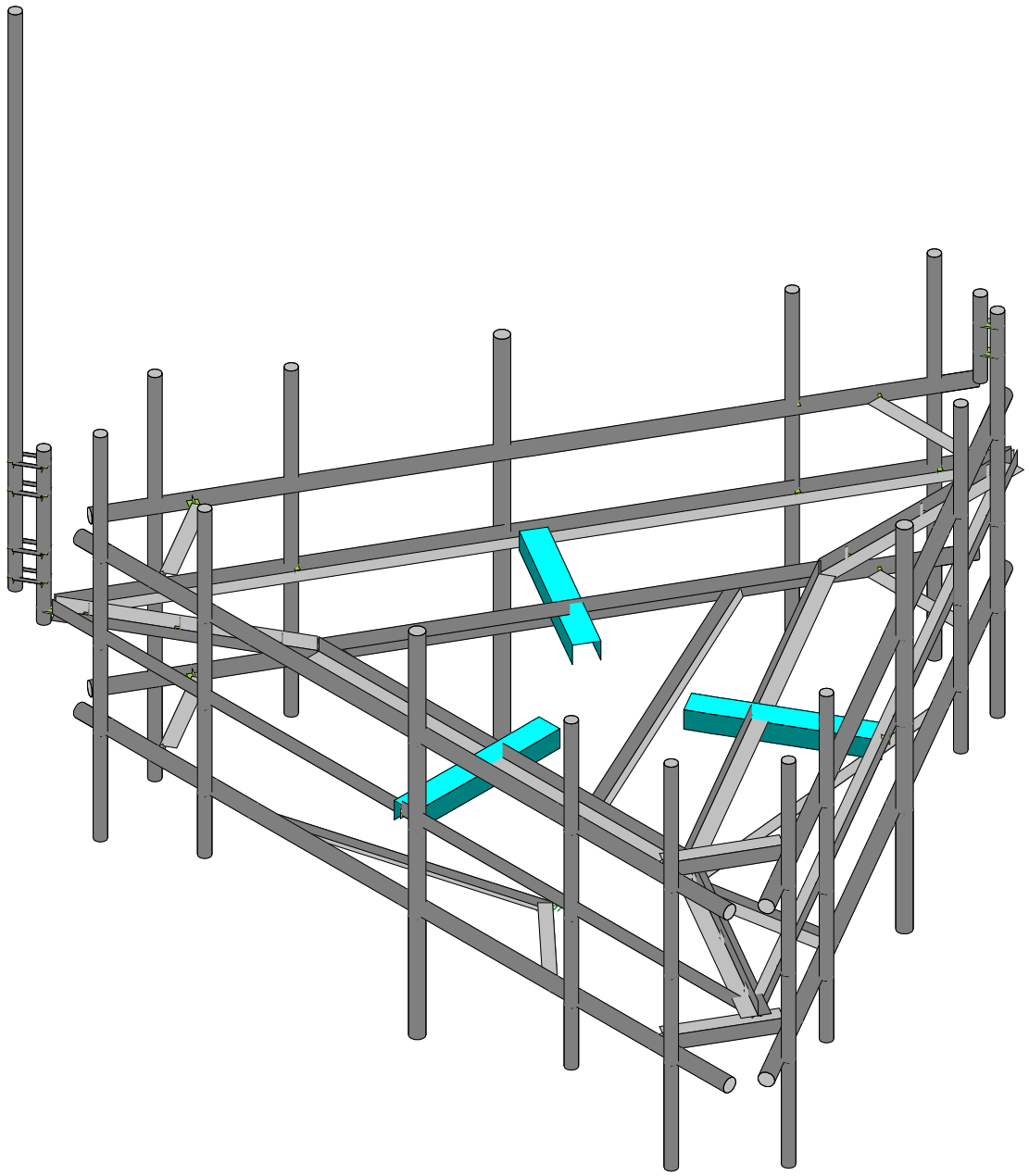


Please Insert Sketches of the Antenna Mount, cont'd



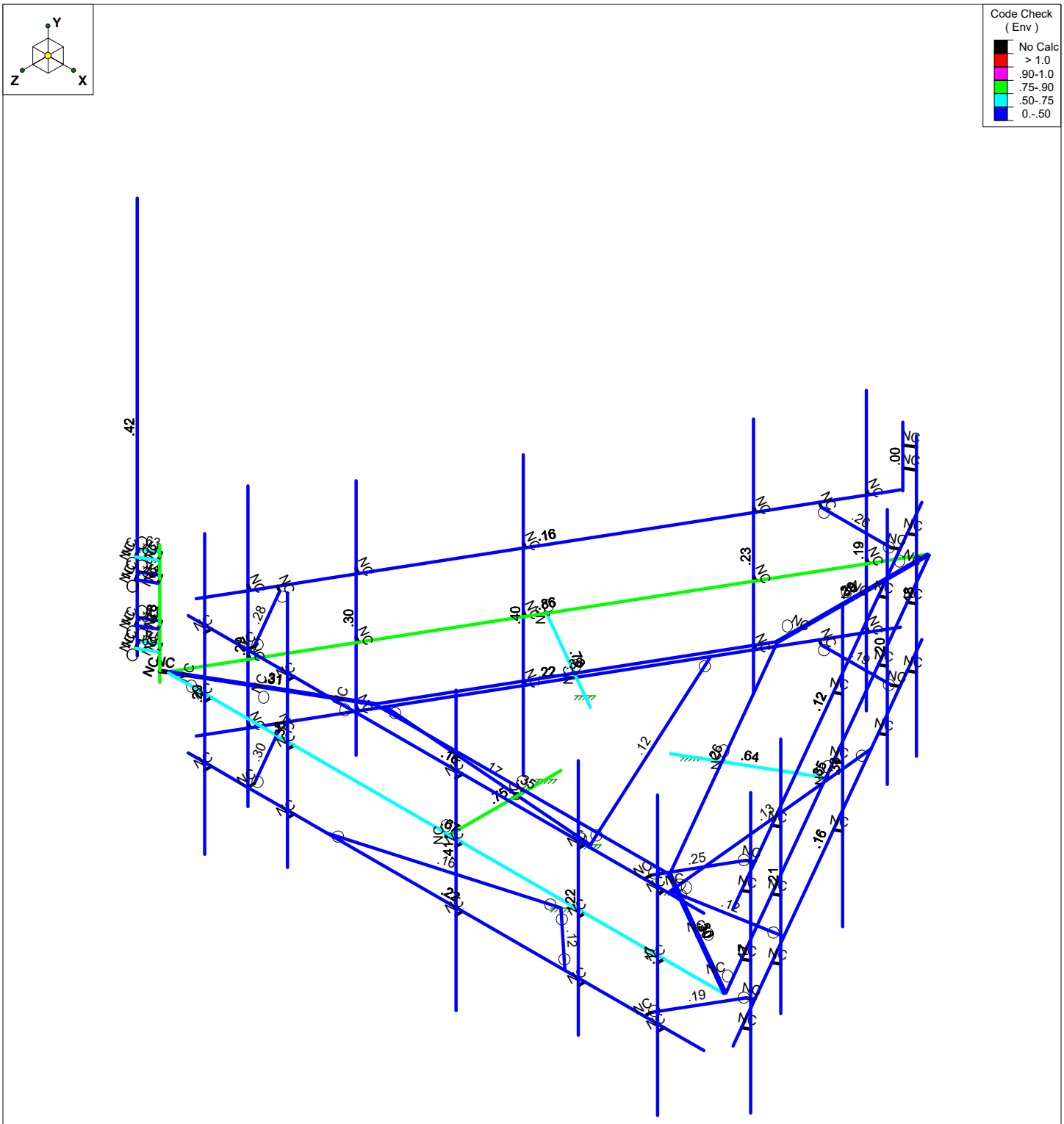
Please Insert Sketches of the Antenna Mount, cont'd





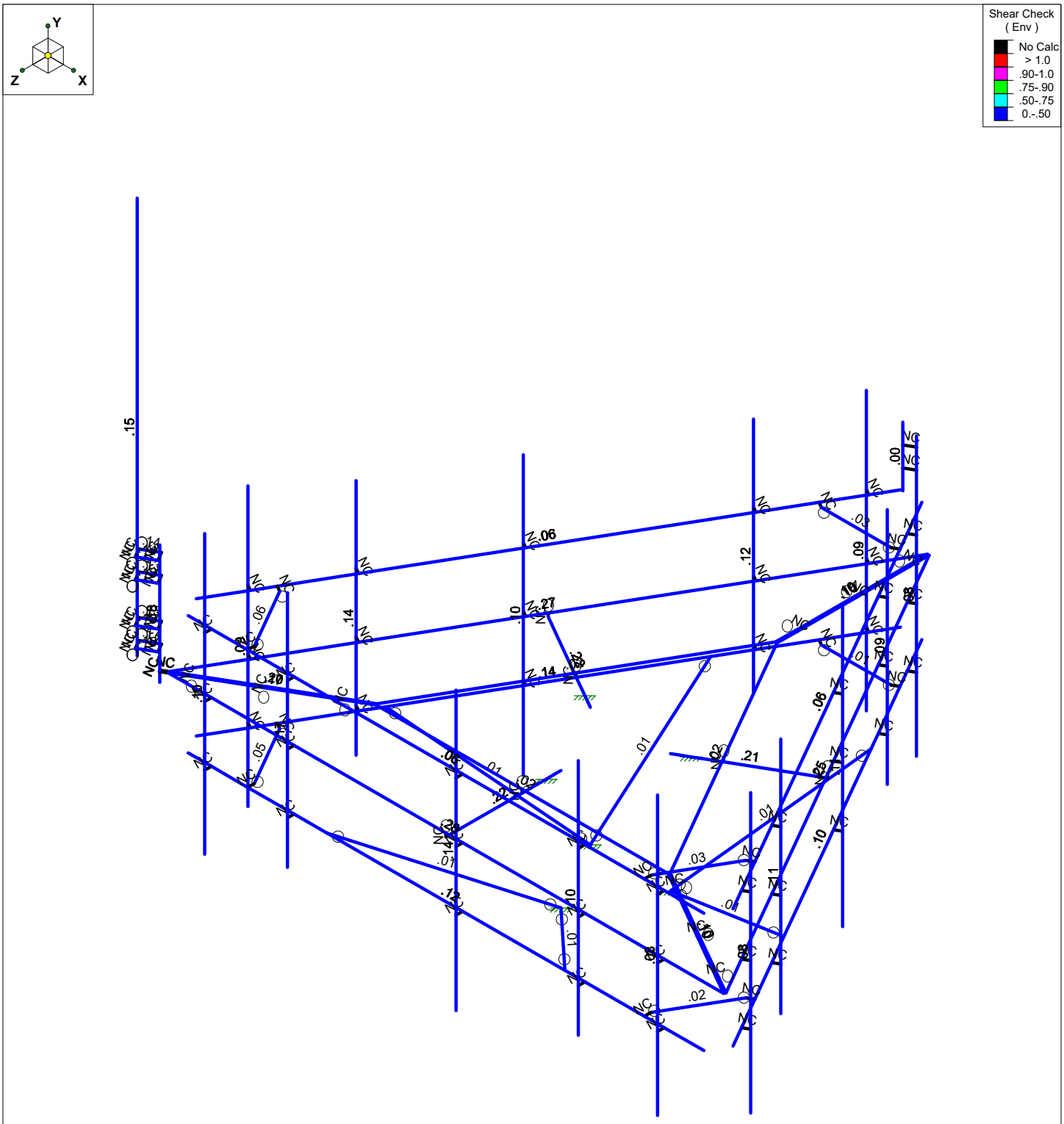
Envelope Only Solution

Maser Consulting	468071-VZW_MT_LO_H	SK - 4
		May 26, 2021 at 1:35 PM
		Mod_468071-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting	468071-VZW_MT_LO_H	SK - 5
		May 26, 2021 at 1:35 PM
		Mod_468071-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting	468071-VZW_MT_LO_H	SK - 6
		May 26, 2021 at 1:35 PM
		Mod_468071-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					117			
2	Antenna Di	None					117			
3	Antenna Wo (0 Deg)	None					117			
4	Antenna Wo (30 Deg)	None					117			
5	Antenna Wo (60 Deg)	None					117			
6	Antenna Wo (90 Deg)	None					117			
7	Antenna Wo (120 Deg)	None					117			
8	Antenna Wo (150 Deg)	None					117			
9	Antenna Wo (180 Deg)	None					117			
10	Antenna Wo (210 Deg)	None					117			
11	Antenna Wo (240 Deg)	None					117			
12	Antenna Wo (270 Deg)	None					117			
13	Antenna Wo (300 Deg)	None					117			
14	Antenna Wo (330 Deg)	None					117			
15	Antenna Wi (0 Deg)	None					117			
16	Antenna Wi (30 Deg)	None					117			
17	Antenna Wi (60 Deg)	None					117			
18	Antenna Wi (90 Deg)	None					117			
19	Antenna Wi (120 Deg)	None					117			
20	Antenna Wi (150 Deg)	None					117			
21	Antenna Wi (180 Deg)	None					117			
22	Antenna Wi (210 Deg)	None					117			
23	Antenna Wi (240 Deg)	None					117			
24	Antenna Wi (270 Deg)	None					117			
25	Antenna Wi (300 Deg)	None					117			
26	Antenna Wi (330 Deg)	None					117			
27	Antenna Wm (0 Deg)	None					117			
28	Antenna Wm (30 Deg)	None					117			
29	Antenna Wm (60 Deg)	None					117			
30	Antenna Wm (90 Deg)	None					117			
31	Antenna Wm (120 Deg)	None					117			
32	Antenna Wm (150 Deg)	None					117			
33	Antenna Wm (180 Deg)	None					117			
34	Antenna Wm (210 Deg)	None					117			
35	Antenna Wm (240 Deg)	None					117			
36	Antenna Wm (270 Deg)	None					117			
37	Antenna Wm (300 Deg)	None					117			
38	Antenna Wm (330 Deg)	None					117			
39	Structure D	None		-1					3	
40	Structure Di	None						59	3	
41	Structure Wo (0 Deg)	None						118		
42	Structure Wo (30 Deg)	None						118		
43	Structure Wo (60 Deg)	None						118		
44	Structure Wo (90 Deg)	None						118		
45	Structure Wo (120 D...	None						118		
46	Structure Wo (150 D...	None						118		
47	Structure Wo (180 D...	None						118		
48	Structure Wo (210 D...	None						118		
49	Structure Wo (240 D...	None						118		
50	Structure Wo (270 D...	None						118		
51	Structure Wo (300 D...	None						118		
52	Structure Wo (330 D...	None						118		
53	Structure Wi (0 Deg)	None						118		
54	Structure Wi (30 Deg)	None						118		
55	Structure Wi (60 Deg)	None						118		
56	Structure Wi (90 Deg)	None						118		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
57	Structure Wi (120 De...	None						118		
58	Structure Wi (150 De...	None						118		
59	Structure Wi (180 De...	None						118		
60	Structure Wi (210 De...	None						118		
61	Structure Wi (240 De...	None						118		
62	Structure Wi (270 De...	None						118		
63	Structure Wi (300 De...	None						118		
64	Structure Wi (330 De...	None						118		
65	Structure Wm (0 Deg)	None						118		
66	Structure Wm (30 De...	None						118		
67	Structure Wm (60 De...	None						118		
68	Structure Wm (90 De...	None						118		
69	Structure Wm (120 D...	None						118		
70	Structure Wm (150 D...	None						118		
71	Structure Wm (180 D...	None						118		
72	Structure Wm (210 D...	None						118		
73	Structure Wm (240 D...	None						118		
74	Structure Wm (270 D...	None						118		
75	Structure Wm (300 D...	None						118		
76	Structure Wm (330 D...	None						118		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	BLC 39 Transient Are...	None						54		
82	BLC 40 Transient Are...	None						54		

Load Combinations

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

Load Combinations (Continued)

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

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	0	0	4.065508	0	
2	N2	7	0	4.065508	0	
3	N3	-7	0	4.065508	0	
4	N5	0.020833	0	-8.094932	0	
5	N6	7.020833	0	4.029424	0	
6	N7	-7.020833	0	4.029424	0	
7	N8	-0.020833	0	-8.094932	0	
8	N10A	3.520833	0	-2.032754	0	
9	N11	-3.520833	0	-2.032754	0	
10	N13	0	0	0	0	
11	N14	0.020833	0	-4.261599	0	
12	N15	-0.020833	0	-4.261599	0	
13	N16	0.020833	0	-7.594932	0	
14	N17	-0.020833	0	-7.594932	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
15	N18	0.020833	0	-6.261599	0	
16	N19	-0.020833	0	-6.261599	0	
17	N20	0.020833	0	-4.761599	0	
18	N21	-0.020833	0	-4.761599	0	
19	N25	-3.701069	0	2.112757	0	
20	N26	-3.680236	0	2.148841	0	
21	N27	-6.587821	0	3.779424	0	
22	N28	-6.566987	0	3.815508	0	
23	N29	-5.43312	0	3.112757	0	
24	N30	-5.412287	0	3.148841	0	
25	N31	-4.134082	0	2.362757	0	
26	N32	-4.113249	0	2.398841	0	
27	N36	3.680236	0	2.148841	0	
28	N37	3.701069	0	2.112757	0	
29	N38	6.566987	0	3.815508	0	
30	N39	6.587821	0	3.779424	0	
31	N40	5.412287	0	3.148841	0	
32	N41	5.43312	0	3.112757	0	
33	N42	4.113249	0	2.398841	0	
34	N43	4.134082	0	2.362757	0	
35	N38A	0	-0.083333	1.166667	0	
36	N39A	-0.	0	2.148841	0	
37	N40A	0	-0.083333	4.065508	0	
38	N41A	-0.	-0.083333	2.148841	0	
39	N43A	1.010363	-0.083333	-0.583333	0	
40	N44	1.860951	0	-1.074421	0	
41	N45	3.520833	-0.083333	-2.032754	0	
42	N46	1.860951	-0.083333	-1.074421	0	
43	N48	-1.010363	-0.083333	-0.583333	0	
44	N49	-1.860951	0	-1.074421	0	
45	N50	-3.520833	-0.083333	-2.032754	0	
46	N51	-1.860951	-0.083333	-1.074421	0	
47	N50A	0	-0.083333	1.333333	0	
48	N51A	0	-0.083333	1.75	0	
49	N52	1.154701	-0.083333	-0.666667	0	
50	N53	1.515544	-0.083333	-.875	0	
51	N54	-1.154701	-0.083333	-0.666667	0	
52	N55	-1.515544	-0.083333	-.875	0	
53	N53A	5.5	0	4.065508	0	
54	N54A	3.5	0	4.065508	0	
55	N55A	0.416667	0	4.065508	0	
56	N56	-3.833333	0	4.065508	0	
57	N57	-5.916667	0	4.065508	0	
58	N58	5.5	0	4.232175	0	
59	N59	3.5	0	4.232175	0	
60	N60	0.416667	0	4.232175	0	
61	N61	-3.833333	0	4.232175	0	
62	N62	-5.916667	0	4.232175	0	
63	N63	5.5	3.666667	4.232175	0	
64	N64	3.5	3.416667	4.232175	0	
65	N65	0.416667	3.416667	4.232175	0	
66	N66	-3.833333	3.416667	4.232175	0	
67	N67	-5.916667	3.666667	4.232175	0	
68	N68	5.5	-3.333333	4.232175	0	
69	N69	0.416667	-3.583333	4.232175	0	
70	N70	-5.916667	-3.333333	4.232175	0	
71	N71	3.5	-2.583333	4.232175	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
72	N72	-3.833333	-2.583333	4.232175	0	
73	N73	0.770833	0	-6.795894	0	
74	N74	1.770833	0	-5.063843	0	
75	N75	3.3125	0	-2.393598	0	
76	N76	5.4375	0	1.28701	0	
77	N77	6.479167	0	3.09123	0	
78	N78	0.915171	0	-6.879227	0	
79	N79	1.915171	0	-5.147176	0	
80	N80	3.456838	0	-2.476931	0	
81	N81	5.581838	0	1.203677	0	
82	N82	6.623504	0	3.007896	0	
83	N83	0.915171	3.666667	-6.879227	0	
84	N84	1.915171	3.416667	-5.147176	0	
85	N85	3.456838	3.416667	-2.476931	0	
86	N86	5.581838	3.416667	1.203677	0	
87	N87	6.623504	3.666667	3.007896	0	
88	N88	0.915171	-3.333333	-6.879227	0	
89	N89	3.456838	-3.583333	-2.476931	0	
90	N90	6.623504	-3.333333	3.007896	0	
91	N91	1.915171	-2.583333	-5.147176	0	
92	N92	5.581838	-2.583333	1.203677	0	
93	N93	-6.270833	0	2.730386	0	
94	N94	-5.270833	0	0.998335	0	
95	N95	-3.729167	0	-1.67191	0	
96	N96	-1.604167	0	-5.352518	0	
97	N97	-0.5625	0	-7.156738	0	
98	N98	-6.415171	0	2.647052	0	
99	N99	-5.415171	0	0.915001	0	
100	N100	-3.873504	0	-1.755243	0	
101	N101	-1.748504	0	-5.435851	0	
102	N102	-0.706838	0	-7.240071	0	
103	N103	-6.415171	3.666667	2.647052	0	
104	N104	-5.415171	3.416667	0.915001	0	
105	N105	-3.873504	3.416667	-1.755243	0	
106	N106	-1.748504	3.416667	-5.435851	0	
107	N107	-0.706838	3.666667	-7.240071	0	
108	N108	-6.415171	-3.333333	2.647052	0	
109	N109	-3.873504	-3.583333	-1.755243	0	
110	N110	-0.706838	-3.333333	-7.240071	0	
111	N111	-5.415171	-2.583333	0.915001	0	
112	N112	-1.748504	-2.583333	-5.435851	0	
113	N113	-7.165171	0	4.112757	0	
114	N114	-7.144338	0	4.148841	0	
115	N115	-7.154754	0	4.130799	0	
116	N116	-7.154754	-.25	4.130799	0	
117	N117	-7.154754	2.75	4.130799	0	
118	N119	-7.154754	2.5	4.130799	0	
119	N120	-7.217254	2.5	4.022546	0	
120	N121	-7.092254	2.5	4.239052	0	
121	N122	-7.515598	2.5	4.339133	0	
122	N123	-7.578098	2.5	4.230879	0	
123	N124	-7.453098	2.5	4.447386	0	
124	N130A	-7.515598	.25	4.339133	0	
125	N131	-7.515598	10.25	4.339133	0	
126	N126	0.915171	3.416667	-6.879227	0	
127	N127	0.915171	2.916667	-6.879227	0	
128	N128	0.698665	3.416667	-6.754227	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
129	N129	0.698665	2.916667	-6.754227	0	
130	N130	0.698665	2.416667	-6.754227	0	
131	N131A	0.698665	3.916667	-6.754227	0	
132	N132	-7.154754	.5	4.130799	0	
133	N133	-7.217254	.5	4.022546	0	
134	N134	-7.092254	.5	4.239052	0	
135	N135	-7.515598	.5	4.339133	0	
136	N136	-7.578098	.5	4.230879	0	
137	N137	-7.453098	.5	4.447386	0	
138	N138	6.5	-1.5	4.065508	0	
139	N139	-6.5	-1.5	4.065508	0	
140	N140	5.5	-1.5	4.065508	0	
141	N141	3.5	-1.5	4.065508	0	
142	N142	0.416667	-1.5	4.065508	0	
143	N143	-3.833333	-1.5	4.065508	0	
144	N144	-5.916667	-1.5	4.065508	0	
145	N145	5.5	-1.5	4.232175	0	
146	N146	3.5	-1.5	4.232175	0	
147	N147	0.416667	-1.5	4.232175	0	
148	N148	-3.833333	-1.5	4.232175	0	
149	N149	-5.916667	-1.5	4.232175	0	
150	N150	0.270833	-1.5	-7.661919	0	
151	N151	6.770833	-1.5	3.596411	0	
152	N152	0.770833	-1.5	-6.795894	0	
153	N153	1.770833	-1.5	-5.063843	0	
154	N154	3.3125	-1.5	-2.393598	0	
155	N155	5.4375	-1.5	1.28701	0	
156	N156	6.479167	-1.5	3.09123	0	
157	N157	0.915171	-1.5	-6.879227	0	
158	N158	1.915171	-1.5	-5.147176	0	
159	N159	3.456838	-1.5	-2.476931	0	
160	N160	5.581838	-1.5	1.203677	0	
161	N161	6.623504	-1.5	3.007896	0	
162	N162	-6.770833	-1.5	3.596411	0	
163	N163	-0.270833	-1.5	-7.661919	0	
164	N164	-6.270833	-1.5	2.730386	0	
165	N165	-5.270833	-1.5	0.998335	0	
166	N166	-3.729167	-1.5	-1.67191	0	
167	N167	-1.604167	-1.5	-5.352518	0	
168	N168	-0.5625	-1.5	-7.156738	0	
169	N169	-6.415171	-1.5	2.647052	0	
170	N170	-5.415171	-1.5	0.915001	0	
171	N171	-3.873504	-1.5	-1.755243	0	
172	N172	-1.748504	-1.5	-5.435851	0	
173	N173	-0.706838	-1.5	-7.240071	0	
174	N174	-5	-1.5	4.065508	0	
175	N175	5	-1.5	4.065508	0	
176	N176	-5	-1.5	3.898842	0	
177	N177	5	-1.5	3.898842	0	
178	N178	6.020833	-1.5	2.297373	0	
179	N179	1.020833	-1.5	-6.362881	0	
180	N180	5.876496	-1.5	2.380706	0	
181	N181	0.876496	-1.5	-6.279548	0	
182	N182	-1.020833	-1.5	-6.362881	0	
183	N183	-6.020833	-1.5	2.297373	0	
184	N184	-0.876496	-1.5	-6.279548	0	
185	N185	-5.876496	-1.5	2.380706	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
186	N186	0	-3.083333	1.166667	0	
187	N187	3	-1.5	4.065508	0	
188	N188	0	-1.5	4.065508	0	
189	N189	-3	-1.5	4.065508	0	
190	N190	1.010363	-3.083333	-0.583333	0	
191	N191	2.020833	-1.5	-4.63083	0	
192	N192	3.520833	-1.5	-2.032754	0	
193	N193	5.020833	-1.5	0.565322	0	
194	N194	-1.010363	-3.083333	-0.583333	0	
195	N195	-5.020833	-1.5	0.565322	0	
196	N196	-3.520833	-1.5	-2.032754	0	
197	N197	-2.020833	-1.5	-4.63083	0	
198	N198	6.5	1.5	4.065508	0	
199	N199	-6.5	1.5	4.065508	0	
200	N200	5.5	1.5	4.065508	0	
201	N201	3.5	1.5	4.065508	0	
202	N202	0.416667	1.5	4.065508	0	
203	N203	-3.833333	1.5	4.065508	0	
204	N204	-5.916667	1.5	4.065508	0	
205	N205	5.5	1.5	4.232175	0	
206	N206	3.5	1.5	4.232175	0	
207	N207	0.416667	1.5	4.232175	0	
208	N208	-3.833333	1.5	4.232175	0	
209	N209	-5.916667	1.5	4.232175	0	
210	N210	0.270833	1.5	-7.661919	0	
211	N211	6.770833	1.5	3.596411	0	
212	N212	0.770833	1.5	-6.795894	0	
213	N213	1.770833	1.5	-5.063843	0	
214	N214	3.3125	1.5	-2.393598	0	
215	N215	5.4375	1.5	1.28701	0	
216	N216	6.479167	1.5	3.09123	0	
217	N217	0.915171	1.5	-6.879227	0	
218	N218	1.915171	1.5	-5.147176	0	
219	N219	3.456838	1.5	-2.476931	0	
220	N220	5.581838	1.5	1.203677	0	
221	N221	6.623504	1.5	3.007896	0	
222	N222	-6.770833	1.5	3.596411	0	
223	N223	-0.270833	1.5	-7.661919	0	
224	N224	-6.270833	1.5	2.730386	0	
225	N225	-5.270833	1.5	0.998335	0	
226	N226	-3.729167	1.5	-1.67191	0	
227	N227	-1.604167	1.5	-5.352518	0	
228	N228	-0.5625	1.5	-7.156738	0	
229	N229	-6.415171	1.5	2.647052	0	
230	N230	-5.415171	1.5	0.915001	0	
231	N231	-3.873504	1.5	-1.755243	0	
232	N232	-1.748504	1.5	-5.435851	0	
233	N233	-0.706838	1.5	-7.240071	0	
234	N234	-5	1.5	4.065508	0	
235	N235	5	1.5	4.065508	0	
236	N236	-5	1.5	3.898842	0	
237	N237	5	1.5	3.898842	0	
238	N238	6.020833	1.5	2.297373	0	
239	N239	1.020833	1.5	-6.362881	0	
240	N240	5.876496	1.5	2.380706	0	
241	N241	0.876496	1.5	-6.279548	0	
242	N242	-1.020833	1.5	-6.362881	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
243	N243	-6.020833	1.5	2.297373	0	
244	N244	-0.876496	1.5	-6.279548	0	
245	N245	-5.876496	1.5	2.380706	0	
246	N246	3	1.5	4.065508	0	
247	N247	0	1.5	4.065508	0	
248	N248	-3	1.5	4.065508	0	
249	N249	2.020833	1.5	-4.63083	0	
250	N250	3.520833	1.5	-2.032754	0	
251	N251	5.020833	1.5	0.565322	0	
252	N252	-5.020833	1.5	0.565322	0	
253	N253	-3.520833	1.5	-2.032754	0	
254	N254	-2.020833	1.5	-4.63083	0	
255	N255	0	-0.083333	1.541667	0	
256	N257	1.335122	-0.083333	-0.770833	0	
257	N259	-1.335122	-0.083333	-0.770833	0	
258	N258	-7.154754	2	4.130799	0	
259	N259A	-7.217254	2	4.022546	0	
260	N260	-7.092254	2	4.239052	0	
261	N261	-7.515598	2	4.339133	0	
262	N262	-7.578098	2	4.230879	0	
263	N263	-7.453098	2	4.447386	0	
264	N264	-7.154754	1	4.130799	0	
265	N265	-7.217254	1	4.022546	0	
266	N266	-7.092254	1	4.239052	0	
267	N267	-7.515598	1	4.339133	0	
268	N268	-7.578098	1	4.230879	0	
269	N269	-7.453098	1	4.447386	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design L...	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Antenna Pipe	PIPE_2.0	Column	None	A53 Gr. B	Typical	1.02	.627	.627	1.25
2	Mod Support Rail	PIPE_2.5	Column	None	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
3	Face Horizontal	L3X3X4	Beam	None	A36 Gr.36	Typical	1.44	1.23	1.23	.031
4	Mod Support Rail Angle	L3X3X4	Beam	None	A36 Gr.36	Typical	1.44	1.23	1.23	.031
5	Standoff Angle	L3X3X4	Beam	None	A36 Gr.36	Typical	1.44	1.23	1.23	.031
6	Mod V Kit	L2.5x2.5x3	Beam	None	A36 Gr.36	Typical	.901	.535	.535	.011
7	SR	SR_0.5	Beam	None	A36 Gr.36	Typical	.196	.003	.003	.006
8	TES Channel	L5X5X5	Beam	None	A36 Gr.36	Typical	3.07	7.44	7.44	.108
9	MOD Threaded Rod Kit	SR_0.625	Beam	None	A36 Gr.36	Typical	.307	.007	.007	.015

Hot Rolled Steel Design Parameters

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torqu...	Kyy	Kzz	Cb	Function
1	M1	Face Horizo...	14	7	7	Lbyy						Lateral
2	M2	Face Horizo...	14	7	7	Lbyy						Lateral
3	M3	Face Horizo...	14	7	7	Lbyy						Lateral
4	M4	Standoff An...	3.833			Lbyy						Lateral
5	M5	Standoff An...	3.833			Lbyy						Lateral
6	M9	Standoff An...	3.833			Lbyy						Lateral
7	M10	Standoff An...	3.833			Lbyy						Lateral
8	M14	Standoff An...	3.833			Lbyy						Lateral
9	M15	Standoff An...	3.833			Lbyy						Lateral
10	M19	Standoff An...	7.36			Lbyy						Lateral
11	M20	Standoff An...	7.36			Lbyy						Lateral
12	M21	Standoff An...	7.36			Lbyy						Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torqu...	Kyy	Kzz	Cb	Function
13	MP1A	Antenna Pipe	7									Lateral
14	MP2A	Antenna Pipe	6									Lateral
15	MP3A	PIPE_2.5	7									Lateral
16	MP4A	Antenna Pipe	6									Lateral
17	MP5A	Antenna Pipe	7									Lateral
18	MP1C	Antenna Pipe	7									Lateral
19	MP2C	Antenna Pipe	6									Lateral
20	MP3C	PIPE_2.5	7									Lateral
21	MP4C	Antenna Pipe	6									Lateral
22	MP5C	Antenna Pipe	7									Lateral
23	MP1B	Antenna Pipe	7									Lateral
24	MP2B	Antenna Pipe	6									Lateral
25	MP3B	PIPE_2.5	7									Lateral
26	MP4B	Antenna Pipe	6									Lateral
27	MP5B	Antenna Pipe	7									Lateral
28	M76	Antenna Pipe	10									Lateral
29	M77	Antenna Pipe	3									Lateral
30	M72	SR	.417			Lbyy						Lateral
31	M73	SR	.417			Lbyy						Lateral
32	M76A	Antenna Pipe	1.5									Lateral
33	M81A	SR	.417			Lbyy						Lateral
34	M82	SR	.417			Lbyy						Lateral
35	M82A	Mod Suppor...	13			Lbyy						Lateral
36	M88	Mod Suppor...	13			Lbyy						Lateral
37	M94	Mod Suppor...	13			Lbyy						Lateral
38	M106	Mod Suppor...	1.753			Lbyy						Lateral
39	M107	Mod Suppor...	1.753			Lbyy						Lateral
40	M108	Mod Suppor...	1.753			Lbyy						Lateral
41	M109	Mod V Kit	4.462			Lbyy						Lateral
42	M110	Mod V Kit	4.462			Lbyy						Lateral
43	M111	Mod V Kit	4.462			Lbyy						Lateral
44	M112	Mod V Kit	4.462			Lbyy						Lateral
45	M113	Mod V Kit	4.462			Lbyy						Lateral
46	M114	Mod V Kit	4.462			Lbyy						Lateral
47	M115	Mod Suppor...	13			Lbyy						Lateral
48	M121	Mod Suppor...	13			Lbyy						Lateral
49	M127	Mod Suppor...	13			Lbyy						Lateral
50	M139	Mod Suppor...	1.753			Lbyy						Lateral
51	M140	Mod Suppor...	1.753			Lbyy						Lateral
52	M141	Mod Suppor...	1.753			Lbyy						Lateral
53	M146	MOD Threa...	.417			Lbyy						Lateral
54	M147	MOD Threa...	.417			Lbyy						Lateral
55	M152	MOD Threa...	.417			Lbyy						Lateral
56	M153	MOD Threa...	.417			Lbyy						Lateral

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N3	N2		270	Face Horizontal	Beam	None	A36 Gr.36	Typical
2	M2	N6	N5		270	Face Horizontal	Beam	None	A36 Gr.36	Typical
3	M3	N8	N7		270	Face Horizontal	Beam	None	A36 Gr.36	Typical
4	M4	N8	N15			Standoff Angle	Beam	None	A36 Gr.36	Typical
5	M5	N5	N14		270	Standoff Angle	Beam	None	A36 Gr.36	Typical
6	M6	N16	N17			RIGID	None	None	RIGID	Typical
7	M7	N18	N19			RIGID	None	None	RIGID	Typical
8	M8	N20	N21			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
9	M9	N3	N26			Standoff Angle	Beam	None	A36 Gr.36	Typical
10	M10	N7	N25		270	Standoff Angle	Beam	None	A36 Gr.36	Typical
11	M11	N27	N28			RIGID	None	None	RIGID	Typical
12	M12	N29	N30			RIGID	None	None	RIGID	Typical
13	M13	N31	N32			RIGID	None	None	RIGID	Typical
14	M14	N6	N37			Standoff Angle	Beam	None	A36 Gr.36	Typical
15	M15	N2	N36		270	Standoff Angle	Beam	None	A36 Gr.36	Typical
16	M16	N38	N39			RIGID	None	None	RIGID	Typical
17	M17	N40	N41			RIGID	None	None	RIGID	Typical
18	M18	N42	N43			RIGID	None	None	RIGID	Typical
19	M19	N25	N15		270	Standoff Angle	Beam	None	A36 Gr.36	Typical
20	M20	N36	N26		270	Standoff Angle	Beam	None	A36 Gr.36	Typical
21	M21	N14	N37		270	Standoff Angle	Beam	None	A36 Gr.36	Typical
22	M23	N40A	N1			RIGID	None	None	RIGID	Typical
23	M24	N41A	N39A			RIGID	None	None	RIGID	Typical
24	M25	N38A	N40A		90	Cold Formed ...	Beam	CU	A570 Gr.33	Typical
25	M26	N45	N10A			RIGID	None	None	RIGID	Typical
26	M27	N46	N44			RIGID	None	None	RIGID	Typical
27	M28	N43A	N45		90	Cold Formed ...	Beam	CU	A570 Gr.33	Typical
28	M29	N50	N11			RIGID	None	None	RIGID	Typical
29	M30	N51	N49			RIGID	None	None	RIGID	Typical
30	M31	N48	N50		90	Cold Formed ...	Beam	CU	A570 Gr.33	Typical
31	M32	N57	N62			RIGID	None	None	RIGID	Typical
32	M33	N56	N61			RIGID	None	None	RIGID	Typical
33	M34	N55A	N60			RIGID	None	None	RIGID	Typical
34	M35	N54A	N59			RIGID	None	None	RIGID	Typical
35	M36	N53A	N58			RIGID	None	None	RIGID	Typical
36	MP1A	N63	N68			Antenna Pipe	Column	None	A53 Gr. B	Typical
37	MP2A	N64	N71			Antenna Pipe	Column	None	A53 Gr. B	Typical
38	MP3A	N65	N69			PIPE_2.5	Beam	Pipe	A53 Gr. B	Typical
39	MP4A	N66	N72			Antenna Pipe	Column	None	A53 Gr. B	Typical
40	MP5A	N67	N70			Antenna Pipe	Column	None	A53 Gr. B	Typical
41	M42	N77	N82			RIGID	None	None	RIGID	Typical
42	M43	N76	N81			RIGID	None	None	RIGID	Typical
43	M44	N75	N80			RIGID	None	None	RIGID	Typical
44	M45	N74	N79			RIGID	None	None	RIGID	Typical
45	M46	N73	N78			RIGID	None	None	RIGID	Typical
46	MP1C	N83	N88			Antenna Pipe	Column	None	A53 Gr. B	Typical
47	MP2C	N84	N91			Antenna Pipe	Column	None	A53 Gr. B	Typical
48	MP3C	N85	N89			PIPE_2.5	Beam	Pipe	A53 Gr. B	Typical
49	MP4C	N86	N92			Antenna Pipe	Column	None	A53 Gr. B	Typical
50	MP5C	N87	N90			Antenna Pipe	Column	None	A53 Gr. B	Typical
51	M52	N97	N102			RIGID	None	None	RIGID	Typical
52	M53	N96	N101			RIGID	None	None	RIGID	Typical
53	M54	N95	N100			RIGID	None	None	RIGID	Typical
54	M55	N94	N99			RIGID	None	None	RIGID	Typical
55	M56	N93	N98			RIGID	None	None	RIGID	Typical
56	MP1B	N103	N108			Antenna Pipe	Column	None	A53 Gr. B	Typical
57	MP2B	N104	N111			Antenna Pipe	Column	None	A53 Gr. B	Typical
58	MP3B	N105	N109			PIPE_2.5	Beam	Pipe	A53 Gr. B	Typical
59	MP4B	N106	N112			Antenna Pipe	Column	None	A53 Gr. B	Typical
60	MP5B	N107	N110			Antenna Pipe	Column	None	A53 Gr. B	Typical
61	M64	N113	N115			RIGID	None	None	RIGID	Typical
62	M81	N115	N114			RIGID	None	None	RIGID	Typical
63	M76	N131	N130A			Antenna Pipe	Column	None	A53 Gr. B	Typical
64	M77	N117	N116			Antenna Pipe	Column	None	A53 Gr. B	Typical
65	M68	N119	N121			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
66	M69	N119	N120			RIGID	None	None	RIGID	Typical
67	M70	N124	N122			RIGID	None	None	RIGID	Typical
68	M71	N123	N122			RIGID	None	None	RIGID	Typical
69	M72	N121	N124			SR	Beam	None	A36 Gr.36	Typical
70	M73	N120	N123			SR	Beam	None	A36 Gr.36	Typical
71	M72A	N7	N113			RIGID	None	None	RIGID	Typical
72	M73A	N3	N114			RIGID	None	None	RIGID	Typical
73	M74	N127	N129			RIGID	None	None	RIGID	Typical
74	M75	N126	N128			RIGID	None	None	RIGID	Typical
75	M76A	N131A	N130			Antenna Pipe	Column	None	A53 Gr. B	Typical
76	M77A	N132	N134			RIGID	None	None	RIGID	Typical
77	M78	N132	N133			RIGID	None	None	RIGID	Typical
78	M79	N137	N135			RIGID	None	None	RIGID	Typical
79	M80	N136	N135			RIGID	None	None	RIGID	Typical
80	M81A	N134	N137			SR	Beam	None	A36 Gr.36	Typical
81	M82	N133	N136			SR	Beam	None	A36 Gr.36	Typical
82	M82A	N139	N138		270	Mod Support ...	Column	None	A53 Gr. B	Typical
83	M83	N144	N149			RIGID	None	None	RIGID	Typical
84	M84	N143	N148			RIGID	None	None	RIGID	Typical
85	M85	N142	N147			RIGID	None	None	RIGID	Typical
86	M86	N141	N146			RIGID	None	None	RIGID	Typical
87	M87	N140	N145			RIGID	None	None	RIGID	Typical
88	M88	N151	N150		270	Mod Support ...	Column	None	A53 Gr. B	Typical
89	M89	N156	N161			RIGID	None	None	RIGID	Typical
90	M90	N155	N160			RIGID	None	None	RIGID	Typical
91	M91	N154	N159			RIGID	None	None	RIGID	Typical
92	M92	N153	N158			RIGID	None	None	RIGID	Typical
93	M93	N152	N157			RIGID	None	None	RIGID	Typical
94	M94	N163	N162		270	Mod Support ...	Column	None	A53 Gr. B	Typical
95	M95	N168	N173			RIGID	None	None	RIGID	Typical
96	M96	N167	N172			RIGID	None	None	RIGID	Typical
97	M97	N166	N171			RIGID	None	None	RIGID	Typical
98	M98	N165	N170			RIGID	None	None	RIGID	Typical
99	M99	N164	N169			RIGID	None	None	RIGID	Typical
100	M100	N176	N174			RIGID	None	None	RIGID	Typical
101	M101	N177	N175			RIGID	None	None	RIGID	Typical
102	M102	N180	N178			RIGID	None	None	RIGID	Typical
103	M103	N181	N179			RIGID	None	None	RIGID	Typical
104	M104	N184	N182			RIGID	None	None	RIGID	Typical
105	M105	N185	N183			RIGID	None	None	RIGID	Typical
106	M106	N176	N185		90	Mod Support ...	Beam	None	A36 Gr.36	Typical
107	M107	N180	N177		90	Mod Support ...	Beam	None	A36 Gr.36	Typical
108	M108	N184	N181		90	Mod Support ...	Beam	None	A36 Gr.36	Typical
109	M109	N186	N189		180	Mod V Kit	Beam	None	A36 Gr.36	Typical
110	M110	N186	N187		90	Mod V Kit	Beam	None	A36 Gr.36	Typical
111	M111	N190	N193		180	Mod V Kit	Beam	None	A36 Gr.36	Typical
112	M112	N190	N191		90	Mod V Kit	Beam	None	A36 Gr.36	Typical
113	M113	N194	N197		180	Mod V Kit	Beam	None	A36 Gr.36	Typical
114	M114	N194	N195		90	Mod V Kit	Beam	None	A36 Gr.36	Typical
115	M115	N199	N198		270	Mod Support ...	Column	None	A53 Gr. B	Typical
116	M116	N204	N209			RIGID	None	None	RIGID	Typical
117	M117	N203	N208			RIGID	None	None	RIGID	Typical
118	M118	N202	N207			RIGID	None	None	RIGID	Typical
119	M119	N201	N206			RIGID	None	None	RIGID	Typical
120	M120	N200	N205			RIGID	None	None	RIGID	Typical
121	M121	N211	N210		270	Mod Support ...	Column	None	A53 Gr. B	Typical
122	M122	N216	N221			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
123	M123	N215	N220			RIGID	None	None	RIGID	Typical
124	M124	N214	N219			RIGID	None	None	RIGID	Typical
125	M125	N213	N218			RIGID	None	None	RIGID	Typical
126	M126	N212	N217			RIGID	None	None	RIGID	Typical
127	M127	N223	N222		270	Mod Support ...	Column	None	A53 Gr. B	Typical
128	M128	N228	N233			RIGID	None	None	RIGID	Typical
129	M129	N227	N232			RIGID	None	None	RIGID	Typical
130	M130	N226	N231			RIGID	None	None	RIGID	Typical
131	M131	N225	N230			RIGID	None	None	RIGID	Typical
132	M132	N224	N229			RIGID	None	None	RIGID	Typical
133	M133	N236	N234			RIGID	None	None	RIGID	Typical
134	M134	N237	N235			RIGID	None	None	RIGID	Typical
135	M135	N240	N238			RIGID	None	None	RIGID	Typical
136	M136	N241	N239			RIGID	None	None	RIGID	Typical
137	M137	N244	N242			RIGID	None	None	RIGID	Typical
138	M138	N245	N243			RIGID	None	None	RIGID	Typical
139	M139	N236	N245		90	Mod Support ...	Beam	None	A36 Gr.36	Typical
140	M140	N240	N237		90	Mod Support ...	Beam	None	A36 Gr.36	Typical
141	M141	N244	N241		90	Mod Support ...	Beam	None	A36 Gr.36	Typical
142	M142	N258	N260			RIGID	None	None	RIGID	Typical
143	M143	N258	N259A			RIGID	None	None	RIGID	Typical
144	M144	N263	N261			RIGID	None	None	RIGID	Typical
145	M145	N262	N261			RIGID	None	None	RIGID	Typical
146	M146	N260	N263			MOD Threade...	Beam	None	A36 Gr.36	Typical
147	M147	N259A	N262			MOD Threade...	Beam	None	A36 Gr.36	Typical
148	M148	N264	N266			RIGID	None	None	RIGID	Typical
149	M149	N264	N265			RIGID	None	None	RIGID	Typical
150	M150	N269	N267			RIGID	None	None	RIGID	Typical
151	M151	N268	N267			RIGID	None	None	RIGID	Typical
152	M152	N266	N269			MOD Threade...	Beam	None	A36 Gr.36	Typical
153	M153	N265	N268			MOD Threade...	Beam	None	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes				None
2	M2						Yes				None
3	M3						Yes				None
4	M4						Yes				None
5	M5						Yes				None
6	M6	OOOXOO					Yes	** NA **			None
7	M7	OOOXOO					Yes	** NA **			None
8	M8	OOOXOO					Yes	** NA **			None
9	M9						Yes				None
10	M10						Yes				None
11	M11	OOOXOO					Yes	** NA **			None
12	M12	OOOXOO					Yes	** NA **			None
13	M13	OOOXOO					Yes	** NA **			None
14	M14						Yes				None
15	M15						Yes				None
16	M16	OOOXOO					Yes	** NA **			None
17	M17	OOOXOO					Yes	** NA **			None
18	M18	OOOXOO					Yes	** NA **			None
19	M19						Yes				None
20	M20						Yes				None
21	M21						Yes				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
22	M23	OOOXOO					Yes	** NA **			None
23	M24	OOOXOO					Yes	** NA **			None
24	M25						Yes				None
25	M26	OOOXOO					Yes	** NA **			None
26	M27	OOOXOO					Yes	** NA **			None
27	M28						Yes				None
28	M29	OOOXOO					Yes	** NA **			None
29	M30	OOOXOO					Yes	** NA **			None
30	M31						Yes				None
31	M32						Yes	** NA **			None
32	M33						Yes	** NA **			None
33	M34						Yes	** NA **			None
34	M35						Yes	** NA **			None
35	M36						Yes	** NA **			None
36	MP1A						Yes	** NA **			None
37	MP2A						Yes	** NA **			None
38	MP3A						Yes				None
39	MP4A						Yes	** NA **			None
40	MP5A						Yes	** NA **			None
41	M42						Yes	** NA **			None
42	M43						Yes	** NA **			None
43	M44						Yes	** NA **			None
44	M45						Yes	** NA **			None
45	M46						Yes	** NA **			None
46	MP1C						Yes	** NA **			None
47	MP2C						Yes	** NA **			None
48	MP3C						Yes				None
49	MP4C						Yes	** NA **			None
50	MP5C						Yes	** NA **			None
51	M52						Yes	** NA **			None
52	M53						Yes	** NA **			None
53	M54						Yes	** NA **			None
54	M55						Yes	** NA **			None
55	M56						Yes	** NA **			None
56	MP1B						Yes	** NA **			None
57	MP2B						Yes	** NA **			None
58	MP3B						Yes				None
59	MP4B						Yes	** NA **			None
60	MP5B						Yes	** NA **			None
61	M64						Yes	** NA **			None
62	M81						Yes	** NA **			None
63	M76						Yes	** NA **			None
64	M77						Yes	** NA **			None
65	M68						Yes	** NA **			None
66	M69						Yes	** NA **			None
67	M70		OOOXOO				Yes	** NA **			None
68	M71		OOOXOO				Yes	** NA **			None
69	M72						Yes				None
70	M73						Yes				None
71	M72A						Yes	** NA **			None
72	M73A						Yes	** NA **			None
73	M74						Yes	** NA **			None
74	M75						Yes	** NA **			None
75	M76A						Yes	** NA **			None
76	M77A						Yes	** NA **			None
77	M78						Yes	** NA **			None
78	M79		OOOXOO				Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
79	M80		OOOXOO				Yes	** NA **			None
80	M81A						Yes				None
81	M82						Yes				None
82	M82A						Yes	** NA **			None
83	M83						Yes	** NA **			None
84	M84						Yes	** NA **			None
85	M85						Yes	** NA **			None
86	M86						Yes	** NA **			None
87	M87						Yes	** NA **			None
88	M88						Yes	** NA **			None
89	M89						Yes	** NA **			None
90	M90						Yes	** NA **			None
91	M91						Yes	** NA **			None
92	M92						Yes	** NA **			None
93	M93						Yes	** NA **			None
94	M94						Yes	** NA **			None
95	M95						Yes	** NA **			None
96	M96						Yes	** NA **			None
97	M97						Yes	** NA **			None
98	M98						Yes	** NA **			None
99	M99						Yes	** NA **			None
100	M100		OOOOOO				Yes	** NA **			None
101	M101		OOOOOO				Yes	** NA **			None
102	M102		OOOOOO				Yes	** NA **			None
103	M103		OOOOOO				Yes	** NA **			None
104	M104		OOOOOO				Yes	** NA **			None
105	M105		OOOOOO				Yes	** NA **			None
106	M106						Yes				None
107	M107						Yes				None
108	M108						Yes				None
109	M109	BenPIN	BenPIN				Yes				None
110	M110	BenPIN	BenPIN				Yes				None
111	M111	BenPIN	BenPIN				Yes				None
112	M112	BenPIN	BenPIN				Yes				None
113	M113	BenPIN	BenPIN				Yes				None
114	M114	BenPIN	BenPIN				Yes				None
115	M115						Yes	** NA **			None
116	M116						Yes	** NA **			None
117	M117						Yes	** NA **			None
118	M118						Yes	** NA **			None
119	M119						Yes	** NA **			None
120	M120						Yes	** NA **			None
121	M121						Yes	** NA **			None
122	M122						Yes	** NA **			None
123	M123						Yes	** NA **			None
124	M124						Yes	** NA **			None
125	M125						Yes	** NA **			None
126	M126						Yes	** NA **			None
127	M127						Yes	** NA **			None
128	M128						Yes	** NA **			None
129	M129						Yes	** NA **			None
130	M130						Yes	** NA **			None
131	M131						Yes	** NA **			None
132	M132						Yes	** NA **			None
133	M133		OOOOOO				Yes	** NA **			None
134	M134		OOOOOO				Yes	** NA **			None
135	M135		OOOOOO				Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
136	M136		OOOOOO				Yes	** NA **			None
137	M137		OOOOOO				Yes	** NA **			None
138	M138		OOOOOO				Yes	** NA **			None
139	M139						Yes				None
140	M140						Yes				None
141	M141						Yes				None
142	M142						Yes	** NA **			None
143	M143						Yes	** NA **			None
144	M144		OOOXOO				Yes	** NA **			None
145	M145		OOOXOO				Yes	** NA **			None
146	M146						Yes				None
147	M147						Yes				None
148	M148						Yes	** NA **			None
149	M149						Yes	** NA **			None
150	M150		OOOXOO				Yes	** NA **			None
151	M151		OOOXOO				Yes	** NA **			None
152	M152						Yes				None
153	M153						Yes				None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-23	1
2	MP3A	My	-.011	1
3	MP3A	Mz	.015	1
4	MP3A	Y	-23	6
5	MP3A	My	-.011	6
6	MP3A	Mz	.015	6
7	MP3B	Y	-23	1
8	MP3B	My	-.008	1
9	MP3B	Mz	-.018	1
10	MP3B	Y	-23	6
11	MP3B	My	-.008	6
12	MP3B	Mz	-.018	6
13	MP3C	Y	-23	1
14	MP3C	My	.019	1
15	MP3C	Mz	.002	1
16	MP3C	Y	-23	6
17	MP3C	My	.019	6
18	MP3C	Mz	.002	6
19	MP3A	Y	-23	1
20	MP3A	My	-.011	1
21	MP3A	Mz	-.015	1
22	MP3A	Y	-23	6
23	MP3A	My	-.011	6
24	MP3A	Mz	-.015	6
25	MP3B	Y	-23	1
26	MP3B	My	.019	1
27	MP3B	Mz	-.002	1
28	MP3B	Y	-23	6
29	MP3B	My	.019	6
30	MP3B	Mz	-.002	6
31	MP3C	Y	-23	1
32	MP3C	My	-.008	1
33	MP3C	Mz	.018	1
34	MP3C	Y	-23	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP3C	My	-.008	6
36	MP3C	Mz	.018	6
37	MP2A	Y	-44	2
38	MP2A	My	-.022	2
39	MP2A	Mz	0	2
40	MP2A	Y	-44	4
41	MP2A	My	-.022	4
42	MP2A	Mz	0	4
43	MP2B	Y	-44	2
44	MP2B	My	.011	2
45	MP2B	Mz	-.019	2
46	MP2B	Y	-44	4
47	MP2B	My	.011	4
48	MP2B	Mz	-.019	4
49	MP2C	Y	-44	2
50	MP2C	My	.011	2
51	MP2C	Mz	.019	2
52	MP2C	Y	-44	4
53	MP2C	My	.011	4
54	MP2C	Mz	.019	4
55	MP3A	Y	-84.4	2
56	MP3A	My	.042	2
57	MP3A	Mz	0	2
58	MP3B	Y	-84.4	2
59	MP3B	My	-.021	2
60	MP3B	Mz	.037	2
61	MP3C	Y	-84.4	2
62	MP3C	My	-.021	2
63	MP3C	Mz	-.037	2
64	MP2A	Y	-70.3	1.5
65	MP2A	My	.035	1.5
66	MP2A	Mz	0	1.5
67	MP2B	Y	-70.3	1.5
68	MP2B	My	-.018	1.5
69	MP2B	Mz	.03	1.5
70	MP2C	Y	-70.3	1.5
71	MP2C	My	-.018	1.5
72	MP2C	Mz	-.03	1.5
73	MP4A	Y	-32	2
74	MP4A	My	.016	2
75	MP4A	Mz	0	2
76	MP1A	Y	-13.5	1
77	MP1A	My	-.007	1
78	MP1A	Mz	0	1
79	MP1A	Y	-13.5	5
80	MP1A	My	-.007	5
81	MP1A	Mz	0	5
82	MP1B	Y	-13.5	1
83	MP1B	My	.003	1
84	MP1B	Mz	-.006	1
85	MP1B	Y	-13.5	5
86	MP1B	My	.003	5
87	MP1B	Mz	-.006	5
88	MP1C	Y	-13.5	1
89	MP1C	My	.003	1
90	MP1C	Mz	.006	1
91	MP1C	Y	-13.5	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP1C	My	.003	5
93	MP1C	Mz	.006	5
94	MP5A	Y	-13.5	1
95	MP5A	My	-.007	1
96	MP5A	Mz	0	1
97	MP5A	Y	-13.5	5
98	MP5A	My	-.007	5
99	MP5A	Mz	0	5
100	MP5B	Y	-13.5	1
101	MP5B	My	.003	1
102	MP5B	Mz	-.006	1
103	MP5B	Y	-13.5	5
104	MP5B	My	.003	5
105	MP5B	Mz	-.006	5
106	MP5C	Y	-13.5	1
107	MP5C	My	.003	1
108	MP5C	Mz	.006	1
109	MP5C	Y	-13.5	5
110	MP5C	My	.003	5
111	MP5C	Mz	.006	5
112	M76	Y	-40	5
113	M76	My	0	5
114	M76	Mz	0	5
115	M76	Y	-25	2
116	M76	My	0	2
117	M76	Mz	0	2

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-84.172	1
2	MP3A	My	-.042	1
3	MP3A	Mz	.056	1
4	MP3A	Y	-84.172	6
5	MP3A	My	-.042	6
6	MP3A	Mz	.056	6
7	MP3B	Y	-84.172	1
8	MP3B	My	-.028	1
9	MP3B	Mz	-.065	1
10	MP3B	Y	-84.172	6
11	MP3B	My	-.028	6
12	MP3B	Mz	-.065	6
13	MP3C	Y	-84.172	1
14	MP3C	My	.07	1
15	MP3C	Mz	.008	1
16	MP3C	Y	-84.172	6
17	MP3C	My	.07	6
18	MP3C	Mz	.008	6
19	MP3A	Y	-84.172	1
20	MP3A	My	-.042	1
21	MP3A	Mz	-.056	1
22	MP3A	Y	-84.172	6
23	MP3A	My	-.042	6
24	MP3A	Mz	-.056	6
25	MP3B	Y	-84.172	1
26	MP3B	My	.07	1
27	MP3B	Mz	-.008	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP3B	Y	-84.172	6
29	MP3B	My	.07	6
30	MP3B	Mz	-.008	6
31	MP3C	Y	-84.172	1
32	MP3C	My	-.028	1
33	MP3C	Mz	.065	1
34	MP3C	Y	-84.172	6
35	MP3C	My	-.028	6
36	MP3C	Mz	.065	6
37	MP2A	Y	-42.376	2
38	MP2A	My	-.021	2
39	MP2A	Mz	0	2
40	MP2A	Y	-42.376	4
41	MP2A	My	-.021	4
42	MP2A	Mz	0	4
43	MP2B	Y	-42.376	2
44	MP2B	My	.011	2
45	MP2B	Mz	-.018	2
46	MP2B	Y	-42.376	4
47	MP2B	My	.011	4
48	MP2B	Mz	-.018	4
49	MP2C	Y	-42.376	2
50	MP2C	My	.011	2
51	MP2C	Mz	.018	2
52	MP2C	Y	-42.376	4
53	MP2C	My	.011	4
54	MP2C	Mz	.018	4
55	MP3A	Y	-45.871	2
56	MP3A	My	.023	2
57	MP3A	Mz	0	2
58	MP3B	Y	-45.871	2
59	MP3B	My	-.011	2
60	MP3B	Mz	.02	2
61	MP3C	Y	-45.871	2
62	MP3C	My	-.011	2
63	MP3C	Mz	-.02	2
64	MP2A	Y	-41.259	1.5
65	MP2A	My	.021	1.5
66	MP2A	Mz	0	1.5
67	MP2B	Y	-41.259	1.5
68	MP2B	My	-.01	1.5
69	MP2B	Mz	.018	1.5
70	MP2C	Y	-41.259	1.5
71	MP2C	My	-.01	1.5
72	MP2C	Mz	-.018	1.5
73	MP4A	Y	-77.553	2
74	MP4A	My	.039	2
75	MP4A	Mz	0	2
76	MP1A	Y	-91.384	1
77	MP1A	My	-.046	1
78	MP1A	Mz	0	1
79	MP1A	Y	-91.384	5
80	MP1A	My	-.046	5
81	MP1A	Mz	0	5
82	MP1B	Y	-91.384	1
83	MP1B	My	.023	1
84	MP1B	Mz	-.04	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP1B	Y	-91.384	5
86	MP1B	My	.023	5
87	MP1B	Mz	-.04	5
88	MP1C	Y	-91.384	1
89	MP1C	My	.023	1
90	MP1C	Mz	.04	1
91	MP1C	Y	-91.384	5
92	MP1C	My	.023	5
93	MP1C	Mz	.04	5
94	MP5A	Y	-91.384	1
95	MP5A	My	-.046	1
96	MP5A	Mz	0	1
97	MP5A	Y	-91.384	5
98	MP5A	My	-.046	5
99	MP5A	Mz	0	5
100	MP5B	Y	-91.384	1
101	MP5B	My	.023	1
102	MP5B	Mz	-.04	1
103	MP5B	Y	-91.384	5
104	MP5B	My	.023	5
105	MP5B	Mz	-.04	5
106	MP5C	Y	-91.384	1
107	MP5C	My	.023	1
108	MP5C	Mz	.04	1
109	MP5C	Y	-91.384	5
110	MP5C	My	.023	5
111	MP5C	Mz	.04	5
112	M76	Y	-120.172	5
113	M76	My	0	5
114	M76	Mz	0	5
115	M76	Y	-32.728	2
116	M76	My	0	2
117	M76	Mz	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1
2	MP3A	Z	-207.379	1
3	MP3A	Mx	-.138	1
4	MP3A	X	0	6
5	MP3A	Z	-207.379	6
6	MP3A	Mx	-.138	6
7	MP3B	X	0	1
8	MP3B	Z	-167.479	1
9	MP3B	Mx	.128	1
10	MP3B	X	0	6
11	MP3B	Z	-167.479	6
12	MP3B	Mx	.128	6
13	MP3C	X	0	1
14	MP3C	Z	-167.479	1
15	MP3C	Mx	-.017	1
16	MP3C	X	0	6
17	MP3C	Z	-167.479	6
18	MP3C	Mx	-.017	6
19	MP3A	X	0	1
20	MP3A	Z	-207.379	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP3A	Mx	.138	1
22	MP3A	X	0	6
23	MP3A	Z	-207.379	6
24	MP3A	Mx	.138	6
25	MP3B	X	0	1
26	MP3B	Z	-167.479	1
27	MP3B	Mx	.017	1
28	MP3B	X	0	6
29	MP3B	Z	-167.479	6
30	MP3B	Mx	.017	6
31	MP3C	X	0	1
32	MP3C	Z	-167.479	1
33	MP3C	Mx	-.128	1
34	MP3C	X	0	6
35	MP3C	Z	-167.479	6
36	MP3C	Mx	-.128	6
37	MP2A	X	0	2
38	MP2A	Z	-86.776	2
39	MP2A	Mx	0	2
40	MP2A	X	0	4
41	MP2A	Z	-86.776	4
42	MP2A	Mx	0	4
43	MP2B	X	0	2
44	MP2B	Z	-65.945	2
45	MP2B	Mx	.029	2
46	MP2B	X	0	4
47	MP2B	Z	-65.945	4
48	MP2B	Mx	.029	4
49	MP2C	X	0	2
50	MP2C	Z	-65.945	2
51	MP2C	Mx	-.029	2
52	MP2C	X	0	4
53	MP2C	Z	-65.945	4
54	MP2C	Mx	-.029	4
55	MP3A	X	0	2
56	MP3A	Z	-78.581	2
57	MP3A	Mx	0	2
58	MP3B	X	0	2
59	MP3B	Z	-59.041	2
60	MP3B	Mx	-.026	2
61	MP3C	X	0	2
62	MP3C	Z	-59.041	2
63	MP3C	Mx	.026	2
64	MP2A	X	0	1.5
65	MP2A	Z	-78.581	1.5
66	MP2A	Mx	0	1.5
67	MP2B	X	0	1.5
68	MP2B	Z	-51.556	1.5
69	MP2B	Mx	-.022	1.5
70	MP2C	X	0	1.5
71	MP2C	Z	-51.556	1.5
72	MP2C	Mx	.022	1.5
73	MP4A	X	0	2
74	MP4A	Z	-159.264	2
75	MP4A	Mx	0	2
76	MP1A	X	0	1
77	MP1A	Z	-205.068	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP1A	Mx	0	1
79	MP1A	X	0	5
80	MP1A	Z	-205.068	5
81	MP1A	Mx	0	5
82	MP1B	X	0	1
83	MP1B	Z	-186.841	1
84	MP1B	Mx	.081	1
85	MP1B	X	0	5
86	MP1B	Z	-186.841	5
87	MP1B	Mx	.081	5
88	MP1C	X	0	1
89	MP1C	Z	-186.841	1
90	MP1C	Mx	-.081	1
91	MP1C	X	0	5
92	MP1C	Z	-186.841	5
93	MP1C	Mx	-.081	5
94	MP5A	X	0	1
95	MP5A	Z	-205.068	1
96	MP5A	Mx	0	1
97	MP5A	X	0	5
98	MP5A	Z	-205.068	5
99	MP5A	Mx	0	5
100	MP5B	X	0	1
101	MP5B	Z	-186.841	1
102	MP5B	Mx	.081	1
103	MP5B	X	0	5
104	MP5B	Z	-186.841	5
105	MP5B	Mx	.081	5
106	MP5C	X	0	1
107	MP5C	Z	-186.841	1
108	MP5C	Mx	-.081	1
109	MP5C	X	0	5
110	MP5C	Z	-186.841	5
111	MP5C	Mx	-.081	5
112	M76	X	0	5
113	M76	Z	-91.732	5
114	M76	Mx	0	5
115	M76	X	0	2
116	M76	Z	-16.768	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	97.04	1
2	MP3A	Z	-168.077	1
3	MP3A	Mx	-.161	1
4	MP3A	X	97.04	6
5	MP3A	Z	-168.077	6
6	MP3A	Mx	-.161	6
7	MP3B	X	77.089	1
8	MP3B	Z	-133.522	1
9	MP3B	Mx	.077	1
10	MP3B	X	77.089	6
11	MP3B	Z	-133.522	6
12	MP3B	Mx	.077	6
13	MP3C	X	97.04	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP3C	Z	-168.077	1
15	MP3C	Mx	.064	1
16	MP3C	X	97.04	6
17	MP3C	Z	-168.077	6
18	MP3C	Mx	.064	6
19	MP3A	X	97.04	1
20	MP3A	Z	-168.077	1
21	MP3A	Mx	.064	1
22	MP3A	X	97.04	6
23	MP3A	Z	-168.077	6
24	MP3A	Mx	.064	6
25	MP3B	X	77.089	1
26	MP3B	Z	-133.522	1
27	MP3B	Mx	.077	1
28	MP3B	X	77.089	6
29	MP3B	Z	-133.522	6
30	MP3B	Mx	.077	6
31	MP3C	X	97.04	1
32	MP3C	Z	-168.077	1
33	MP3C	Mx	-.161	1
34	MP3C	X	97.04	6
35	MP3C	Z	-168.077	6
36	MP3C	Mx	-.161	6
37	MP2A	X	39.916	2
38	MP2A	Z	-69.137	2
39	MP2A	Mx	-.02	2
40	MP2A	X	39.916	4
41	MP2A	Z	-69.137	4
42	MP2A	Mx	-.02	4
43	MP2B	X	29.501	2
44	MP2B	Z	-51.097	2
45	MP2B	Mx	.03	2
46	MP2B	X	29.501	4
47	MP2B	Z	-51.097	4
48	MP2B	Mx	.03	4
49	MP2C	X	39.916	2
50	MP2C	Z	-69.137	2
51	MP2C	Mx	-.02	2
52	MP2C	X	39.916	4
53	MP2C	Z	-69.137	4
54	MP2C	Mx	-.02	4
55	MP3A	X	36.034	2
56	MP3A	Z	-62.413	2
57	MP3A	Mx	.018	2
58	MP3B	X	26.264	2
59	MP3B	Z	-45.49	2
60	MP3B	Mx	-.026	2
61	MP3C	X	36.034	2
62	MP3C	Z	-62.413	2
63	MP3C	Mx	.018	2
64	MP2A	X	34.786	1.5
65	MP2A	Z	-60.252	1.5
66	MP2A	Mx	.017	1.5
67	MP2B	X	21.274	1.5
68	MP2B	Z	-36.847	1.5
69	MP2B	Mx	-.021	1.5
70	MP2C	X	34.786	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP2C	Z	-60.252	1.5
72	MP2C	Mx	.017	1.5
73	MP4A	X	72.902	2
74	MP4A	Z	-126.269	2
75	MP4A	Mx	.036	2
76	MP1A	X	99.496	1
77	MP1A	Z	-172.332	1
78	MP1A	Mx	-.05	1
79	MP1A	X	99.496	5
80	MP1A	Z	-172.332	5
81	MP1A	Mx	-.05	5
82	MP1B	X	90.383	1
83	MP1B	Z	-156.547	1
84	MP1B	Mx	.09	1
85	MP1B	X	90.383	5
86	MP1B	Z	-156.547	5
87	MP1B	Mx	.09	5
88	MP1C	X	99.496	1
89	MP1C	Z	-172.332	1
90	MP1C	Mx	-.05	1
91	MP1C	X	99.496	5
92	MP1C	Z	-172.332	5
93	MP1C	Mx	-.05	5
94	MP5A	X	99.496	1
95	MP5A	Z	-172.332	1
96	MP5A	Mx	-.05	1
97	MP5A	X	99.496	5
98	MP5A	Z	-172.332	5
99	MP5A	Mx	-.05	5
100	MP5B	X	90.383	1
101	MP5B	Z	-156.547	1
102	MP5B	Mx	.09	1
103	MP5B	X	90.383	5
104	MP5B	Z	-156.547	5
105	MP5B	Mx	.09	5
106	MP5C	X	99.496	1
107	MP5C	Z	-172.332	1
108	MP5C	Mx	-.05	1
109	MP5C	X	99.496	5
110	MP5C	Z	-172.332	5
111	MP5C	Mx	-.05	5
112	M76	X	61.155	5
113	M76	Z	-105.923	5
114	M76	Mx	0	5
115	M76	X	11.179	2
116	M76	Z	-19.362	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	145.041	1
2	MP3A	Z	-83.739	1
3	MP3A	Mx	-.128	1
4	MP3A	X	145.041	6
5	MP3A	Z	-83.739	6
6	MP3A	Mx	-.128	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP3B	X	145.041	1
8	MP3B	Z	-83.739	1
9	MP3B	Mx	.017	1
10	MP3B	X	145.041	6
11	MP3B	Z	-83.739	6
12	MP3B	Mx	.017	6
13	MP3C	X	179.596	1
14	MP3C	Z	-103.69	1
15	MP3C	Mx	.138	1
16	MP3C	X	179.596	6
17	MP3C	Z	-103.69	6
18	MP3C	Mx	.138	6
19	MP3A	X	145.041	1
20	MP3A	Z	-83.739	1
21	MP3A	Mx	-.017	1
22	MP3A	X	145.041	6
23	MP3A	Z	-83.739	6
24	MP3A	Mx	-.017	6
25	MP3B	X	145.041	1
26	MP3B	Z	-83.739	1
27	MP3B	Mx	.128	1
28	MP3B	X	145.041	6
29	MP3B	Z	-83.739	6
30	MP3B	Mx	.128	6
31	MP3C	X	179.596	1
32	MP3C	Z	-103.69	1
33	MP3C	Mx	-.138	1
34	MP3C	X	179.596	6
35	MP3C	Z	-103.69	6
36	MP3C	Mx	-.138	6
37	MP2A	X	57.11	2
38	MP2A	Z	-32.973	2
39	MP2A	Mx	-.029	2
40	MP2A	X	57.11	4
41	MP2A	Z	-32.973	4
42	MP2A	Mx	-.029	4
43	MP2B	X	57.11	2
44	MP2B	Z	-32.973	2
45	MP2B	Mx	.029	2
46	MP2B	X	57.11	4
47	MP2B	Z	-32.973	4
48	MP2B	Mx	.029	4
49	MP2C	X	75.15	2
50	MP2C	Z	-43.388	2
51	MP2C	Mx	0	2
52	MP2C	X	75.15	4
53	MP2C	Z	-43.388	4
54	MP2C	Mx	0	4
55	MP3A	X	51.131	2
56	MP3A	Z	-29.521	2
57	MP3A	Mx	.026	2
58	MP3B	X	51.131	2
59	MP3B	Z	-29.521	2
60	MP3B	Mx	-.026	2
61	MP3C	X	68.054	2
62	MP3C	Z	-39.291	2
63	MP3C	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP2A	X	44.649	1.5
65	MP2A	Z	-25.778	1.5
66	MP2A	Mx	.022	1.5
67	MP2B	X	44.649	1.5
68	MP2B	Z	-25.778	1.5
69	MP2B	Mx	-.022	1.5
70	MP2C	X	68.054	1.5
71	MP2C	Z	-39.291	1.5
72	MP2C	Mx	0	1.5
73	MP4A	X	102.954	2
74	MP4A	Z	-59.441	2
75	MP4A	Mx	.051	2
76	MP1A	X	161.809	1
77	MP1A	Z	-93.42	1
78	MP1A	Mx	-.081	1
79	MP1A	X	161.809	5
80	MP1A	Z	-93.42	5
81	MP1A	Mx	-.081	5
82	MP1B	X	161.809	1
83	MP1B	Z	-93.42	1
84	MP1B	Mx	.081	1
85	MP1B	X	161.809	5
86	MP1B	Z	-93.42	5
87	MP1B	Mx	.081	5
88	MP1C	X	177.594	1
89	MP1C	Z	-102.534	1
90	MP1C	Mx	0	1
91	MP1C	X	177.594	5
92	MP1C	Z	-102.534	5
93	MP1C	Mx	0	5
94	MP5A	X	161.809	1
95	MP5A	Z	-93.42	1
96	MP5A	Mx	-.081	1
97	MP5A	X	161.809	5
98	MP5A	Z	-93.42	5
99	MP5A	Mx	-.081	5
100	MP5B	X	161.809	1
101	MP5B	Z	-93.42	1
102	MP5B	Mx	.081	1
103	MP5B	X	161.809	5
104	MP5B	Z	-93.42	5
105	MP5B	Mx	.081	5
106	MP5C	X	177.594	1
107	MP5C	Z	-102.534	1
108	MP5C	Mx	0	1
109	MP5C	X	177.594	5
110	MP5C	Z	-102.534	5
111	MP5C	Mx	0	5
112	M76	X	79.442	5
113	M76	Z	-45.866	5
114	M76	Mx	0	5
115	M76	X	14.522	2
116	M76	Z	-8.384	2
117	M76	Mx	0	2

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	154.178	1
2	MP3A	Z	0	1
3	MP3A	Mx	-.077	1
4	MP3A	X	154.178	6
5	MP3A	Z	0	6
6	MP3A	Mx	-.077	6
7	MP3B	X	194.079	1
8	MP3B	Z	0	1
9	MP3B	Mx	-.064	1
10	MP3B	X	194.079	6
11	MP3B	Z	0	6
12	MP3B	Mx	-.064	6
13	MP3C	X	194.079	1
14	MP3C	Z	0	1
15	MP3C	Mx	.161	1
16	MP3C	X	194.079	6
17	MP3C	Z	0	6
18	MP3C	Mx	.161	6
19	MP3A	X	154.178	1
20	MP3A	Z	0	1
21	MP3A	Mx	-.077	1
22	MP3A	X	154.178	6
23	MP3A	Z	0	6
24	MP3A	Mx	-.077	6
25	MP3B	X	194.079	1
26	MP3B	Z	0	1
27	MP3B	Mx	.161	1
28	MP3B	X	194.079	6
29	MP3B	Z	0	6
30	MP3B	Mx	.161	6
31	MP3C	X	194.079	1
32	MP3C	Z	0	1
33	MP3C	Mx	-.064	1
34	MP3C	X	194.079	6
35	MP3C	Z	0	6
36	MP3C	Mx	-.064	6
37	MP2A	X	59.002	2
38	MP2A	Z	0	2
39	MP2A	Mx	-.03	2
40	MP2A	X	59.002	4
41	MP2A	Z	0	4
42	MP2A	Mx	-.03	4
43	MP2B	X	79.832	2
44	MP2B	Z	0	2
45	MP2B	Mx	.02	2
46	MP2B	X	79.832	4
47	MP2B	Z	0	4
48	MP2B	Mx	.02	4
49	MP2C	X	79.832	2
50	MP2C	Z	0	2
51	MP2C	Mx	.02	2
52	MP2C	X	79.832	4
53	MP2C	Z	0	4
54	MP2C	Mx	.02	4
55	MP3A	X	52.528	2
56	MP3A	Z	0	2
57	MP3A	Mx	.026	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	72.068	2
59	MP3B	Z	0	2
60	MP3B	Mx	-.018	2
61	MP3C	X	72.068	2
62	MP3C	Z	0	2
63	MP3C	Mx	-.018	2
64	MP2A	X	42.547	1.5
65	MP2A	Z	0	1.5
66	MP2A	Mx	.021	1.5
67	MP2B	X	69.573	1.5
68	MP2B	Z	0	1.5
69	MP2B	Mx	-.017	1.5
70	MP2C	X	69.573	1.5
71	MP2C	Z	0	1.5
72	MP2C	Mx	-.017	1.5
73	MP4A	X	105.42	2
74	MP4A	Z	0	2
75	MP4A	Mx	.053	2
76	MP1A	X	180.765	1
77	MP1A	Z	0	1
78	MP1A	Mx	-.09	1
79	MP1A	X	180.765	5
80	MP1A	Z	0	5
81	MP1A	Mx	-.09	5
82	MP1B	X	198.992	1
83	MP1B	Z	0	1
84	MP1B	Mx	.05	1
85	MP1B	X	198.992	5
86	MP1B	Z	0	5
87	MP1B	Mx	.05	5
88	MP1C	X	198.992	1
89	MP1C	Z	0	1
90	MP1C	Mx	.05	1
91	MP1C	X	198.992	5
92	MP1C	Z	0	5
93	MP1C	Mx	.05	5
94	MP5A	X	180.765	1
95	MP5A	Z	0	1
96	MP5A	Mx	-.09	1
97	MP5A	X	180.765	5
98	MP5A	Z	0	5
99	MP5A	Mx	-.09	5
100	MP5B	X	198.992	1
101	MP5B	Z	0	1
102	MP5B	Mx	.05	1
103	MP5B	X	198.992	5
104	MP5B	Z	0	5
105	MP5B	Mx	.05	5
106	MP5C	X	198.992	1
107	MP5C	Z	0	1
108	MP5C	Mx	.05	1
109	MP5C	X	198.992	5
110	MP5C	Z	0	5
111	MP5C	Mx	.05	5
112	M76	X	30.577	5
113	M76	Z	0	5
114	M76	Mx	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	M76	X	5.589	2
116	M76	Z	0	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	145.041	1
2	MP3A	Z	83.739	1
3	MP3A	Mx	-.017	1
4	MP3A	X	145.041	6
5	MP3A	Z	83.739	6
6	MP3A	Mx	-.017	6
7	MP3B	X	179.596	1
8	MP3B	Z	103.69	1
9	MP3B	Mx	-.138	1
10	MP3B	X	179.596	6
11	MP3B	Z	103.69	6
12	MP3B	Mx	-.138	6
13	MP3C	X	145.041	1
14	MP3C	Z	83.739	1
15	MP3C	Mx	.128	1
16	MP3C	X	145.041	6
17	MP3C	Z	83.739	6
18	MP3C	Mx	.128	6
19	MP3A	X	145.041	1
20	MP3A	Z	83.739	1
21	MP3A	Mx	-.128	1
22	MP3A	X	145.041	6
23	MP3A	Z	83.739	6
24	MP3A	Mx	-.128	6
25	MP3B	X	179.596	1
26	MP3B	Z	103.69	1
27	MP3B	Mx	.138	1
28	MP3B	X	179.596	6
29	MP3B	Z	103.69	6
30	MP3B	Mx	.138	6
31	MP3C	X	145.041	1
32	MP3C	Z	83.739	1
33	MP3C	Mx	.017	1
34	MP3C	X	145.041	6
35	MP3C	Z	83.739	6
36	MP3C	Mx	.017	6
37	MP2A	X	57.11	2
38	MP2A	Z	32.973	2
39	MP2A	Mx	-.029	2
40	MP2A	X	57.11	4
41	MP2A	Z	32.973	4
42	MP2A	Mx	-.029	4
43	MP2B	X	75.15	2
44	MP2B	Z	43.388	2
45	MP2B	Mx	0	2
46	MP2B	X	75.15	4
47	MP2B	Z	43.388	4
48	MP2B	Mx	0	4
49	MP2C	X	57.11	2
50	MP2C	Z	32.973	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP2C	Mx	.029	2
52	MP2C	X	57.11	4
53	MP2C	Z	32.973	4
54	MP2C	Mx	.029	4
55	MP3A	X	51.131	2
56	MP3A	Z	29.521	2
57	MP3A	Mx	.026	2
58	MP3B	X	68.054	2
59	MP3B	Z	39.291	2
60	MP3B	Mx	0	2
61	MP3C	X	51.131	2
62	MP3C	Z	29.521	2
63	MP3C	Mx	-.026	2
64	MP2A	X	44.649	1.5
65	MP2A	Z	25.778	1.5
66	MP2A	Mx	.022	1.5
67	MP2B	X	68.054	1.5
68	MP2B	Z	39.291	1.5
69	MP2B	Mx	0	1.5
70	MP2C	X	44.649	1.5
71	MP2C	Z	25.778	1.5
72	MP2C	Mx	-.022	1.5
73	MP4A	X	102.954	2
74	MP4A	Z	59.441	2
75	MP4A	Mx	.051	2
76	MP1A	X	161.809	1
77	MP1A	Z	93.42	1
78	MP1A	Mx	-.081	1
79	MP1A	X	161.809	5
80	MP1A	Z	93.42	5
81	MP1A	Mx	-.081	5
82	MP1B	X	177.594	1
83	MP1B	Z	102.534	1
84	MP1B	Mx	0	1
85	MP1B	X	177.594	5
86	MP1B	Z	102.534	5
87	MP1B	Mx	0	5
88	MP1C	X	161.809	1
89	MP1C	Z	93.42	1
90	MP1C	Mx	.081	1
91	MP1C	X	161.809	5
92	MP1C	Z	93.42	5
93	MP1C	Mx	.081	5
94	MP5A	X	161.809	1
95	MP5A	Z	93.42	1
96	MP5A	Mx	-.081	1
97	MP5A	X	161.809	5
98	MP5A	Z	93.42	5
99	MP5A	Mx	-.081	5
100	MP5B	X	177.594	1
101	MP5B	Z	102.534	1
102	MP5B	Mx	0	1
103	MP5B	X	177.594	5
104	MP5B	Z	102.534	5
105	MP5B	Mx	0	5
106	MP5C	X	161.809	1
107	MP5C	Z	93.42	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
108	MP5C	Mx	.081	1
109	MP5C	X	161.809	5
110	MP5C	Z	93.42	5
111	MP5C	Mx	.081	5
112	M76	X	0	5
113	M76	Z	0	5
114	M76	Mx	0	5
115	M76	X	0	2
116	M76	Z	0	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	97.04	1
2	MP3A	Z	168.077	1
3	MP3A	Mx	.064	1
4	MP3A	X	97.04	6
5	MP3A	Z	168.077	6
6	MP3A	Mx	.064	6
7	MP3B	X	97.04	1
8	MP3B	Z	168.077	1
9	MP3B	Mx	-.161	1
10	MP3B	X	97.04	6
11	MP3B	Z	168.077	6
12	MP3B	Mx	-.161	6
13	MP3C	X	77.089	1
14	MP3C	Z	133.522	1
15	MP3C	Mx	.077	1
16	MP3C	X	77.089	6
17	MP3C	Z	133.522	6
18	MP3C	Mx	.077	6
19	MP3A	X	97.04	1
20	MP3A	Z	168.077	1
21	MP3A	Mx	-.161	1
22	MP3A	X	97.04	6
23	MP3A	Z	168.077	6
24	MP3A	Mx	-.161	6
25	MP3B	X	97.04	1
26	MP3B	Z	168.077	1
27	MP3B	Mx	.064	1
28	MP3B	X	97.04	6
29	MP3B	Z	168.077	6
30	MP3B	Mx	.064	6
31	MP3C	X	77.089	1
32	MP3C	Z	133.522	1
33	MP3C	Mx	.077	1
34	MP3C	X	77.089	6
35	MP3C	Z	133.522	6
36	MP3C	Mx	.077	6
37	MP2A	X	39.916	2
38	MP2A	Z	69.137	2
39	MP2A	Mx	-.02	2
40	MP2A	X	39.916	4
41	MP2A	Z	69.137	4
42	MP2A	Mx	-.02	4
43	MP2B	X	39.916	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP2B	Z	69.137	2
45	MP2B	Mx	-.02	2
46	MP2B	X	39.916	4
47	MP2B	Z	69.137	4
48	MP2B	Mx	-.02	4
49	MP2C	X	29.501	2
50	MP2C	Z	51.097	2
51	MP2C	Mx	.03	2
52	MP2C	X	29.501	4
53	MP2C	Z	51.097	4
54	MP2C	Mx	.03	4
55	MP3A	X	36.034	2
56	MP3A	Z	62.413	2
57	MP3A	Mx	.018	2
58	MP3B	X	36.034	2
59	MP3B	Z	62.413	2
60	MP3B	Mx	.018	2
61	MP3C	X	26.264	2
62	MP3C	Z	45.49	2
63	MP3C	Mx	-.026	2
64	MP2A	X	34.786	1.5
65	MP2A	Z	60.252	1.5
66	MP2A	Mx	.017	1.5
67	MP2B	X	34.786	1.5
68	MP2B	Z	60.252	1.5
69	MP2B	Mx	.017	1.5
70	MP2C	X	21.274	1.5
71	MP2C	Z	36.847	1.5
72	MP2C	Mx	-.021	1.5
73	MP4A	X	72.902	2
74	MP4A	Z	126.269	2
75	MP4A	Mx	.036	2
76	MP1A	X	99.496	1
77	MP1A	Z	172.332	1
78	MP1A	Mx	-.05	1
79	MP1A	X	99.496	5
80	MP1A	Z	172.332	5
81	MP1A	Mx	-.05	5
82	MP1B	X	99.496	1
83	MP1B	Z	172.332	1
84	MP1B	Mx	-.05	1
85	MP1B	X	99.496	5
86	MP1B	Z	172.332	5
87	MP1B	Mx	-.05	5
88	MP1C	X	90.383	1
89	MP1C	Z	156.547	1
90	MP1C	Mx	.09	1
91	MP1C	X	90.383	5
92	MP1C	Z	156.547	5
93	MP1C	Mx	.09	5
94	MP5A	X	99.496	1
95	MP5A	Z	172.332	1
96	MP5A	Mx	-.05	1
97	MP5A	X	99.496	5
98	MP5A	Z	172.332	5
99	MP5A	Mx	-.05	5
100	MP5B	X	99.496	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP5B	Z	172.332	1
102	MP5B	Mx	-.05	1
103	MP5B	X	99.496	5
104	MP5B	Z	172.332	5
105	MP5B	Mx	-.05	5
106	MP5C	X	90.383	1
107	MP5C	Z	156.547	1
108	MP5C	Mx	.09	1
109	MP5C	X	90.383	5
110	MP5C	Z	156.547	5
111	MP5C	Mx	.09	5
112	M76	X	15.289	5
113	M76	Z	26.481	5
114	M76	Mx	0	5
115	M76	X	2.795	2
116	M76	Z	4.841	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1
2	MP3A	Z	207.379	1
3	MP3A	Mx	.138	1
4	MP3A	X	0	6
5	MP3A	Z	207.379	6
6	MP3A	Mx	.138	6
7	MP3B	X	0	1
8	MP3B	Z	167.479	1
9	MP3B	Mx	-.128	1
10	MP3B	X	0	6
11	MP3B	Z	167.479	6
12	MP3B	Mx	-.128	6
13	MP3C	X	0	1
14	MP3C	Z	167.479	1
15	MP3C	Mx	.017	1
16	MP3C	X	0	6
17	MP3C	Z	167.479	6
18	MP3C	Mx	.017	6
19	MP3A	X	0	1
20	MP3A	Z	207.379	1
21	MP3A	Mx	-.138	1
22	MP3A	X	0	6
23	MP3A	Z	207.379	6
24	MP3A	Mx	-.138	6
25	MP3B	X	0	1
26	MP3B	Z	167.479	1
27	MP3B	Mx	-.017	1
28	MP3B	X	0	6
29	MP3B	Z	167.479	6
30	MP3B	Mx	-.017	6
31	MP3C	X	0	1
32	MP3C	Z	167.479	1
33	MP3C	Mx	.128	1
34	MP3C	X	0	6
35	MP3C	Z	167.479	6
36	MP3C	Mx	.128	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP2A	X	0	2
38	MP2A	Z	86.776	2
39	MP2A	Mx	0	2
40	MP2A	X	0	4
41	MP2A	Z	86.776	4
42	MP2A	Mx	0	4
43	MP2B	X	0	2
44	MP2B	Z	65.945	2
45	MP2B	Mx	-.029	2
46	MP2B	X	0	4
47	MP2B	Z	65.945	4
48	MP2B	Mx	-.029	4
49	MP2C	X	0	2
50	MP2C	Z	65.945	2
51	MP2C	Mx	.029	2
52	MP2C	X	0	4
53	MP2C	Z	65.945	4
54	MP2C	Mx	.029	4
55	MP3A	X	0	2
56	MP3A	Z	78.581	2
57	MP3A	Mx	0	2
58	MP3B	X	0	2
59	MP3B	Z	59.041	2
60	MP3B	Mx	.026	2
61	MP3C	X	0	2
62	MP3C	Z	59.041	2
63	MP3C	Mx	-.026	2
64	MP2A	X	0	1.5
65	MP2A	Z	78.581	1.5
66	MP2A	Mx	0	1.5
67	MP2B	X	0	1.5
68	MP2B	Z	51.556	1.5
69	MP2B	Mx	.022	1.5
70	MP2C	X	0	1.5
71	MP2C	Z	51.556	1.5
72	MP2C	Mx	-.022	1.5
73	MP4A	X	0	2
74	MP4A	Z	159.264	2
75	MP4A	Mx	0	2
76	MP1A	X	0	1
77	MP1A	Z	205.068	1
78	MP1A	Mx	0	1
79	MP1A	X	0	5
80	MP1A	Z	205.068	5
81	MP1A	Mx	0	5
82	MP1B	X	0	1
83	MP1B	Z	186.841	1
84	MP1B	Mx	-.081	1
85	MP1B	X	0	5
86	MP1B	Z	186.841	5
87	MP1B	Mx	-.081	5
88	MP1C	X	0	1
89	MP1C	Z	186.841	1
90	MP1C	Mx	.081	1
91	MP1C	X	0	5
92	MP1C	Z	186.841	5
93	MP1C	Mx	.081	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP5A	X	0	1
95	MP5A	Z	205.068	1
96	MP5A	Mx	0	1
97	MP5A	X	0	5
98	MP5A	Z	205.068	5
99	MP5A	Mx	0	5
100	MP5B	X	0	1
101	MP5B	Z	186.841	1
102	MP5B	Mx	-.081	1
103	MP5B	X	0	5
104	MP5B	Z	186.841	5
105	MP5B	Mx	-.081	5
106	MP5C	X	0	1
107	MP5C	Z	186.841	1
108	MP5C	Mx	.081	1
109	MP5C	X	0	5
110	MP5C	Z	186.841	5
111	MP5C	Mx	.081	5
112	M76	X	0	5
113	M76	Z	91.732	5
114	M76	Mx	0	5
115	M76	X	0	2
116	M76	Z	16.768	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-97.04	1
2	MP3A	Z	168.077	1
3	MP3A	Mx	.161	1
4	MP3A	X	-97.04	6
5	MP3A	Z	168.077	6
6	MP3A	Mx	.161	6
7	MP3B	X	-77.089	1
8	MP3B	Z	133.522	1
9	MP3B	Mx	-.077	1
10	MP3B	X	-77.089	6
11	MP3B	Z	133.522	6
12	MP3B	Mx	-.077	6
13	MP3C	X	-97.04	1
14	MP3C	Z	168.077	1
15	MP3C	Mx	-.064	1
16	MP3C	X	-97.04	6
17	MP3C	Z	168.077	6
18	MP3C	Mx	-.064	6
19	MP3A	X	-97.04	1
20	MP3A	Z	168.077	1
21	MP3A	Mx	-.064	1
22	MP3A	X	-97.04	6
23	MP3A	Z	168.077	6
24	MP3A	Mx	-.064	6
25	MP3B	X	-77.089	1
26	MP3B	Z	133.522	1
27	MP3B	Mx	-.077	1
28	MP3B	X	-77.089	6
29	MP3B	Z	133.522	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP3B	Mx	-.077	6
31	MP3C	X	-97.04	1
32	MP3C	Z	168.077	1
33	MP3C	Mx	.161	1
34	MP3C	X	-97.04	6
35	MP3C	Z	168.077	6
36	MP3C	Mx	.161	6
37	MP2A	X	-39.916	2
38	MP2A	Z	69.137	2
39	MP2A	Mx	.02	2
40	MP2A	X	-39.916	4
41	MP2A	Z	69.137	4
42	MP2A	Mx	.02	4
43	MP2B	X	-29.501	2
44	MP2B	Z	51.097	2
45	MP2B	Mx	-.03	2
46	MP2B	X	-29.501	4
47	MP2B	Z	51.097	4
48	MP2B	Mx	-.03	4
49	MP2C	X	-39.916	2
50	MP2C	Z	69.137	2
51	MP2C	Mx	.02	2
52	MP2C	X	-39.916	4
53	MP2C	Z	69.137	4
54	MP2C	Mx	.02	4
55	MP3A	X	-36.034	2
56	MP3A	Z	62.413	2
57	MP3A	Mx	-.018	2
58	MP3B	X	-26.264	2
59	MP3B	Z	45.49	2
60	MP3B	Mx	.026	2
61	MP3C	X	-36.034	2
62	MP3C	Z	62.413	2
63	MP3C	Mx	-.018	2
64	MP2A	X	-34.786	1.5
65	MP2A	Z	60.252	1.5
66	MP2A	Mx	-.017	1.5
67	MP2B	X	-21.274	1.5
68	MP2B	Z	36.847	1.5
69	MP2B	Mx	.021	1.5
70	MP2C	X	-34.786	1.5
71	MP2C	Z	60.252	1.5
72	MP2C	Mx	-.017	1.5
73	MP4A	X	-72.902	2
74	MP4A	Z	126.269	2
75	MP4A	Mx	-.036	2
76	MP1A	X	-99.496	1
77	MP1A	Z	172.332	1
78	MP1A	Mx	.05	1
79	MP1A	X	-99.496	5
80	MP1A	Z	172.332	5
81	MP1A	Mx	.05	5
82	MP1B	X	-90.383	1
83	MP1B	Z	156.547	1
84	MP1B	Mx	-.09	1
85	MP1B	X	-90.383	5
86	MP1B	Z	156.547	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP1B	Mx	-.09	5
88	MP1C	X	-99.496	1
89	MP1C	Z	172.332	1
90	MP1C	Mx	.05	1
91	MP1C	X	-99.496	5
92	MP1C	Z	172.332	5
93	MP1C	Mx	.05	5
94	MP5A	X	-99.496	1
95	MP5A	Z	172.332	1
96	MP5A	Mx	.05	1
97	MP5A	X	-99.496	5
98	MP5A	Z	172.332	5
99	MP5A	Mx	.05	5
100	MP5B	X	-90.383	1
101	MP5B	Z	156.547	1
102	MP5B	Mx	-.09	1
103	MP5B	X	-90.383	5
104	MP5B	Z	156.547	5
105	MP5B	Mx	-.09	5
106	MP5C	X	-99.496	1
107	MP5C	Z	172.332	1
108	MP5C	Mx	.05	1
109	MP5C	X	-99.496	5
110	MP5C	Z	172.332	5
111	MP5C	Mx	.05	5
112	M76	X	-61.155	5
113	M76	Z	105.923	5
114	M76	Mx	0	5
115	M76	X	-11.179	2
116	M76	Z	19.362	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-145.041	1
2	MP3A	Z	83.739	1
3	MP3A	Mx	.128	1
4	MP3A	X	-145.041	6
5	MP3A	Z	83.739	6
6	MP3A	Mx	.128	6
7	MP3B	X	-145.041	1
8	MP3B	Z	83.739	1
9	MP3B	Mx	-.017	1
10	MP3B	X	-145.041	6
11	MP3B	Z	83.739	6
12	MP3B	Mx	-.017	6
13	MP3C	X	-179.596	1
14	MP3C	Z	103.69	1
15	MP3C	Mx	-.138	1
16	MP3C	X	-179.596	6
17	MP3C	Z	103.69	6
18	MP3C	Mx	-.138	6
19	MP3A	X	-145.041	1
20	MP3A	Z	83.739	1
21	MP3A	Mx	.017	1
22	MP3A	X	-145.041	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP3A	Z	83.739	6
24	MP3A	Mx	.017	6
25	MP3B	X	-145.041	1
26	MP3B	Z	83.739	1
27	MP3B	Mx	-.128	1
28	MP3B	X	-145.041	6
29	MP3B	Z	83.739	6
30	MP3B	Mx	-.128	6
31	MP3C	X	-179.596	1
32	MP3C	Z	103.69	1
33	MP3C	Mx	.138	1
34	MP3C	X	-179.596	6
35	MP3C	Z	103.69	6
36	MP3C	Mx	.138	6
37	MP2A	X	-57.11	2
38	MP2A	Z	32.973	2
39	MP2A	Mx	.029	2
40	MP2A	X	-57.11	4
41	MP2A	Z	32.973	4
42	MP2A	Mx	.029	4
43	MP2B	X	-57.11	2
44	MP2B	Z	32.973	2
45	MP2B	Mx	-.029	2
46	MP2B	X	-57.11	4
47	MP2B	Z	32.973	4
48	MP2B	Mx	-.029	4
49	MP2C	X	-75.15	2
50	MP2C	Z	43.388	2
51	MP2C	Mx	0	2
52	MP2C	X	-75.15	4
53	MP2C	Z	43.388	4
54	MP2C	Mx	0	4
55	MP3A	X	-51.131	2
56	MP3A	Z	29.521	2
57	MP3A	Mx	-.026	2
58	MP3B	X	-51.131	2
59	MP3B	Z	29.521	2
60	MP3B	Mx	.026	2
61	MP3C	X	-68.054	2
62	MP3C	Z	39.291	2
63	MP3C	Mx	0	2
64	MP2A	X	-44.649	1.5
65	MP2A	Z	25.778	1.5
66	MP2A	Mx	-.022	1.5
67	MP2B	X	-44.649	1.5
68	MP2B	Z	25.778	1.5
69	MP2B	Mx	.022	1.5
70	MP2C	X	-68.054	1.5
71	MP2C	Z	39.291	1.5
72	MP2C	Mx	0	1.5
73	MP4A	X	-102.954	2
74	MP4A	Z	59.441	2
75	MP4A	Mx	-.051	2
76	MP1A	X	-161.809	1
77	MP1A	Z	93.42	1
78	MP1A	Mx	.081	1
79	MP1A	X	-161.809	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP1A	Z	93.42	5
81	MP1A	Mx	.081	5
82	MP1B	X	-161.809	1
83	MP1B	Z	93.42	1
84	MP1B	Mx	-.081	1
85	MP1B	X	-161.809	5
86	MP1B	Z	93.42	5
87	MP1B	Mx	-.081	5
88	MP1C	X	-177.594	1
89	MP1C	Z	102.534	1
90	MP1C	Mx	0	1
91	MP1C	X	-177.594	5
92	MP1C	Z	102.534	5
93	MP1C	Mx	0	5
94	MP5A	X	-161.809	1
95	MP5A	Z	93.42	1
96	MP5A	Mx	.081	1
97	MP5A	X	-161.809	5
98	MP5A	Z	93.42	5
99	MP5A	Mx	.081	5
100	MP5B	X	-161.809	1
101	MP5B	Z	93.42	1
102	MP5B	Mx	-.081	1
103	MP5B	X	-161.809	5
104	MP5B	Z	93.42	5
105	MP5B	Mx	-.081	5
106	MP5C	X	-177.594	1
107	MP5C	Z	102.534	1
108	MP5C	Mx	0	1
109	MP5C	X	-177.594	5
110	MP5C	Z	102.534	5
111	MP5C	Mx	0	5
112	M76	X	-79.442	5
113	M76	Z	45.866	5
114	M76	Mx	0	5
115	M76	X	-14.522	2
116	M76	Z	8.384	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-154.178	1
2	MP3A	Z	0	1
3	MP3A	Mx	.077	1
4	MP3A	X	-154.178	6
5	MP3A	Z	0	6
6	MP3A	Mx	.077	6
7	MP3B	X	-194.079	1
8	MP3B	Z	0	1
9	MP3B	Mx	.064	1
10	MP3B	X	-194.079	6
11	MP3B	Z	0	6
12	MP3B	Mx	.064	6
13	MP3C	X	-194.079	1
14	MP3C	Z	0	1
15	MP3C	Mx	-.161	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP3C	X	-194.079	6
17	MP3C	Z	0	6
18	MP3C	Mx	-.161	6
19	MP3A	X	-154.178	1
20	MP3A	Z	0	1
21	MP3A	Mx	.077	1
22	MP3A	X	-154.178	6
23	MP3A	Z	0	6
24	MP3A	Mx	.077	6
25	MP3B	X	-194.079	1
26	MP3B	Z	0	1
27	MP3B	Mx	-.161	1
28	MP3B	X	-194.079	6
29	MP3B	Z	0	6
30	MP3B	Mx	-.161	6
31	MP3C	X	-194.079	1
32	MP3C	Z	0	1
33	MP3C	Mx	.064	1
34	MP3C	X	-194.079	6
35	MP3C	Z	0	6
36	MP3C	Mx	.064	6
37	MP2A	X	-59.002	2
38	MP2A	Z	0	2
39	MP2A	Mx	.03	2
40	MP2A	X	-59.002	4
41	MP2A	Z	0	4
42	MP2A	Mx	.03	4
43	MP2B	X	-79.832	2
44	MP2B	Z	0	2
45	MP2B	Mx	-.02	2
46	MP2B	X	-79.832	4
47	MP2B	Z	0	4
48	MP2B	Mx	-.02	4
49	MP2C	X	-79.832	2
50	MP2C	Z	0	2
51	MP2C	Mx	-.02	2
52	MP2C	X	-79.832	4
53	MP2C	Z	0	4
54	MP2C	Mx	-.02	4
55	MP3A	X	-52.528	2
56	MP3A	Z	0	2
57	MP3A	Mx	-.026	2
58	MP3B	X	-72.068	2
59	MP3B	Z	0	2
60	MP3B	Mx	.018	2
61	MP3C	X	-72.068	2
62	MP3C	Z	0	2
63	MP3C	Mx	.018	2
64	MP2A	X	-42.547	1.5
65	MP2A	Z	0	1.5
66	MP2A	Mx	-.021	1.5
67	MP2B	X	-69.573	1.5
68	MP2B	Z	0	1.5
69	MP2B	Mx	.017	1.5
70	MP2C	X	-69.573	1.5
71	MP2C	Z	0	1.5
72	MP2C	Mx	.017	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP4A	X	-105.42	2
74	MP4A	Z	0	2
75	MP4A	Mx	-.053	2
76	MP1A	X	-180.765	1
77	MP1A	Z	0	1
78	MP1A	Mx	.09	1
79	MP1A	X	-180.765	5
80	MP1A	Z	0	5
81	MP1A	Mx	.09	5
82	MP1B	X	-198.992	1
83	MP1B	Z	0	1
84	MP1B	Mx	-.05	1
85	MP1B	X	-198.992	5
86	MP1B	Z	0	5
87	MP1B	Mx	-.05	5
88	MP1C	X	-198.992	1
89	MP1C	Z	0	1
90	MP1C	Mx	-.05	1
91	MP1C	X	-198.992	5
92	MP1C	Z	0	5
93	MP1C	Mx	-.05	5
94	MP5A	X	-180.765	1
95	MP5A	Z	0	1
96	MP5A	Mx	.09	1
97	MP5A	X	-180.765	5
98	MP5A	Z	0	5
99	MP5A	Mx	.09	5
100	MP5B	X	-198.992	1
101	MP5B	Z	0	1
102	MP5B	Mx	-.05	1
103	MP5B	X	-198.992	5
104	MP5B	Z	0	5
105	MP5B	Mx	-.05	5
106	MP5C	X	-198.992	1
107	MP5C	Z	0	1
108	MP5C	Mx	-.05	1
109	MP5C	X	-198.992	5
110	MP5C	Z	0	5
111	MP5C	Mx	-.05	5
112	M76	X	-30.577	5
113	M76	Z	0	5
114	M76	Mx	0	5
115	M76	X	-5.589	2
116	M76	Z	0	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-145.041	1
2	MP3A	Z	-83.739	1
3	MP3A	Mx	.017	1
4	MP3A	X	-145.041	6
5	MP3A	Z	-83.739	6
6	MP3A	Mx	.017	6
7	MP3B	X	-179.596	1
8	MP3B	Z	-103.69	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP3B	Mx	.138	1
10	MP3B	X	-179.596	6
11	MP3B	Z	-103.69	6
12	MP3B	Mx	.138	6
13	MP3C	X	-145.041	1
14	MP3C	Z	-83.739	1
15	MP3C	Mx	-.128	1
16	MP3C	X	-145.041	6
17	MP3C	Z	-83.739	6
18	MP3C	Mx	-.128	6
19	MP3A	X	-145.041	1
20	MP3A	Z	-83.739	1
21	MP3A	Mx	.128	1
22	MP3A	X	-145.041	6
23	MP3A	Z	-83.739	6
24	MP3A	Mx	.128	6
25	MP3B	X	-179.596	1
26	MP3B	Z	-103.69	1
27	MP3B	Mx	-.138	1
28	MP3B	X	-179.596	6
29	MP3B	Z	-103.69	6
30	MP3B	Mx	-.138	6
31	MP3C	X	-145.041	1
32	MP3C	Z	-83.739	1
33	MP3C	Mx	-.017	1
34	MP3C	X	-145.041	6
35	MP3C	Z	-83.739	6
36	MP3C	Mx	-.017	6
37	MP2A	X	-57.11	2
38	MP2A	Z	-32.973	2
39	MP2A	Mx	.029	2
40	MP2A	X	-57.11	4
41	MP2A	Z	-32.973	4
42	MP2A	Mx	.029	4
43	MP2B	X	-75.15	2
44	MP2B	Z	-43.388	2
45	MP2B	Mx	0	2
46	MP2B	X	-75.15	4
47	MP2B	Z	-43.388	4
48	MP2B	Mx	0	4
49	MP2C	X	-57.11	2
50	MP2C	Z	-32.973	2
51	MP2C	Mx	-.029	2
52	MP2C	X	-57.11	4
53	MP2C	Z	-32.973	4
54	MP2C	Mx	-.029	4
55	MP3A	X	-51.131	2
56	MP3A	Z	-29.521	2
57	MP3A	Mx	-.026	2
58	MP3B	X	-68.054	2
59	MP3B	Z	-39.291	2
60	MP3B	Mx	0	2
61	MP3C	X	-51.131	2
62	MP3C	Z	-29.521	2
63	MP3C	Mx	.026	2
64	MP2A	X	-44.649	1.5
65	MP2A	Z	-25.778	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP2A	Mx	-.022	1.5
67	MP2B	X	-68.054	1.5
68	MP2B	Z	-39.291	1.5
69	MP2B	Mx	0	1.5
70	MP2C	X	-44.649	1.5
71	MP2C	Z	-25.778	1.5
72	MP2C	Mx	.022	1.5
73	MP4A	X	-102.954	2
74	MP4A	Z	-59.441	2
75	MP4A	Mx	-.051	2
76	MP1A	X	-161.809	1
77	MP1A	Z	-93.42	1
78	MP1A	Mx	.081	1
79	MP1A	X	-161.809	5
80	MP1A	Z	-93.42	5
81	MP1A	Mx	.081	5
82	MP1B	X	-177.594	1
83	MP1B	Z	-102.534	1
84	MP1B	Mx	0	1
85	MP1B	X	-177.594	5
86	MP1B	Z	-102.534	5
87	MP1B	Mx	0	5
88	MP1C	X	-161.809	1
89	MP1C	Z	-93.42	1
90	MP1C	Mx	-.081	1
91	MP1C	X	-161.809	5
92	MP1C	Z	-93.42	5
93	MP1C	Mx	-.081	5
94	MP5A	X	-161.809	1
95	MP5A	Z	-93.42	1
96	MP5A	Mx	.081	1
97	MP5A	X	-161.809	5
98	MP5A	Z	-93.42	5
99	MP5A	Mx	.081	5
100	MP5B	X	-177.594	1
101	MP5B	Z	-102.534	1
102	MP5B	Mx	0	1
103	MP5B	X	-177.594	5
104	MP5B	Z	-102.534	5
105	MP5B	Mx	0	5
106	MP5C	X	-161.809	1
107	MP5C	Z	-93.42	1
108	MP5C	Mx	-.081	1
109	MP5C	X	-161.809	5
110	MP5C	Z	-93.42	5
111	MP5C	Mx	-.081	5
112	M76	X	0	5
113	M76	Z	0	5
114	M76	Mx	0	5
115	M76	X	0	2
116	M76	Z	0	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-97.04	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP3A	Z	-168.077	1
3	MP3A	Mx	-.064	1
4	MP3A	X	-97.04	6
5	MP3A	Z	-168.077	6
6	MP3A	Mx	-.064	6
7	MP3B	X	-97.04	1
8	MP3B	Z	-168.077	1
9	MP3B	Mx	.161	1
10	MP3B	X	-97.04	6
11	MP3B	Z	-168.077	6
12	MP3B	Mx	.161	6
13	MP3C	X	-77.089	1
14	MP3C	Z	-133.522	1
15	MP3C	Mx	-.077	1
16	MP3C	X	-77.089	6
17	MP3C	Z	-133.522	6
18	MP3C	Mx	-.077	6
19	MP3A	X	-97.04	1
20	MP3A	Z	-168.077	1
21	MP3A	Mx	.161	1
22	MP3A	X	-97.04	6
23	MP3A	Z	-168.077	6
24	MP3A	Mx	.161	6
25	MP3B	X	-97.04	1
26	MP3B	Z	-168.077	1
27	MP3B	Mx	-.064	1
28	MP3B	X	-97.04	6
29	MP3B	Z	-168.077	6
30	MP3B	Mx	-.064	6
31	MP3C	X	-77.089	1
32	MP3C	Z	-133.522	1
33	MP3C	Mx	-.077	1
34	MP3C	X	-77.089	6
35	MP3C	Z	-133.522	6
36	MP3C	Mx	-.077	6
37	MP2A	X	-39.916	2
38	MP2A	Z	-69.137	2
39	MP2A	Mx	.02	2
40	MP2A	X	-39.916	4
41	MP2A	Z	-69.137	4
42	MP2A	Mx	.02	4
43	MP2B	X	-39.916	2
44	MP2B	Z	-69.137	2
45	MP2B	Mx	.02	2
46	MP2B	X	-39.916	4
47	MP2B	Z	-69.137	4
48	MP2B	Mx	.02	4
49	MP2C	X	-29.501	2
50	MP2C	Z	-51.097	2
51	MP2C	Mx	-.03	2
52	MP2C	X	-29.501	4
53	MP2C	Z	-51.097	4
54	MP2C	Mx	-.03	4
55	MP3A	X	-36.034	2
56	MP3A	Z	-62.413	2
57	MP3A	Mx	-.018	2
58	MP3B	X	-36.034	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP3B	Z	-62.413	2
60	MP3B	Mx	-.018	2
61	MP3C	X	-26.264	2
62	MP3C	Z	-45.49	2
63	MP3C	Mx	.026	2
64	MP2A	X	-34.786	1.5
65	MP2A	Z	-60.252	1.5
66	MP2A	Mx	-.017	1.5
67	MP2B	X	-34.786	1.5
68	MP2B	Z	-60.252	1.5
69	MP2B	Mx	-.017	1.5
70	MP2C	X	-21.274	1.5
71	MP2C	Z	-36.847	1.5
72	MP2C	Mx	.021	1.5
73	MP4A	X	-72.902	2
74	MP4A	Z	-126.269	2
75	MP4A	Mx	-.036	2
76	MP1A	X	-99.496	1
77	MP1A	Z	-172.332	1
78	MP1A	Mx	.05	1
79	MP1A	X	-99.496	5
80	MP1A	Z	-172.332	5
81	MP1A	Mx	.05	5
82	MP1B	X	-99.496	1
83	MP1B	Z	-172.332	1
84	MP1B	Mx	.05	1
85	MP1B	X	-99.496	5
86	MP1B	Z	-172.332	5
87	MP1B	Mx	.05	5
88	MP1C	X	-90.383	1
89	MP1C	Z	-156.547	1
90	MP1C	Mx	-.09	1
91	MP1C	X	-90.383	5
92	MP1C	Z	-156.547	5
93	MP1C	Mx	-.09	5
94	MP5A	X	-99.496	1
95	MP5A	Z	-172.332	1
96	MP5A	Mx	.05	1
97	MP5A	X	-99.496	5
98	MP5A	Z	-172.332	5
99	MP5A	Mx	.05	5
100	MP5B	X	-99.496	1
101	MP5B	Z	-172.332	1
102	MP5B	Mx	.05	1
103	MP5B	X	-99.496	5
104	MP5B	Z	-172.332	5
105	MP5B	Mx	.05	5
106	MP5C	X	-90.383	1
107	MP5C	Z	-156.547	1
108	MP5C	Mx	-.09	1
109	MP5C	X	-90.383	5
110	MP5C	Z	-156.547	5
111	MP5C	Mx	-.09	5
112	M76	X	-15.289	5
113	M76	Z	-26.481	5
114	M76	Mx	0	5
115	M76	X	-2.795	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
116	M76	Z	-4.841	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1
2	MP3A	Z	-40.669	1
3	MP3A	Mx	-.027	1
4	MP3A	X	0	6
5	MP3A	Z	-40.669	6
6	MP3A	Mx	-.027	6
7	MP3B	X	0	1
8	MP3B	Z	-33.25	1
9	MP3B	Mx	.025	1
10	MP3B	X	0	6
11	MP3B	Z	-33.25	6
12	MP3B	Mx	.025	6
13	MP3C	X	0	1
14	MP3C	Z	-33.25	1
15	MP3C	Mx	-.003	1
16	MP3C	X	0	6
17	MP3C	Z	-33.25	6
18	MP3C	Mx	-.003	6
19	MP3A	X	0	1
20	MP3A	Z	-40.669	1
21	MP3A	Mx	.027	1
22	MP3A	X	0	6
23	MP3A	Z	-40.669	6
24	MP3A	Mx	.027	6
25	MP3B	X	0	1
26	MP3B	Z	-33.25	1
27	MP3B	Mx	.003	1
28	MP3B	X	0	6
29	MP3B	Z	-33.25	6
30	MP3B	Mx	.003	6
31	MP3C	X	0	1
32	MP3C	Z	-33.25	1
33	MP3C	Mx	-.025	1
34	MP3C	X	0	6
35	MP3C	Z	-33.25	6
36	MP3C	Mx	-.025	6
37	MP2A	X	0	2
38	MP2A	Z	-17.713	2
39	MP2A	Mx	0	2
40	MP2A	X	0	4
41	MP2A	Z	-17.713	4
42	MP2A	Mx	0	4
43	MP2B	X	0	2
44	MP2B	Z	-13.7	2
45	MP2B	Mx	.006	2
46	MP2B	X	0	4
47	MP2B	Z	-13.7	4
48	MP2B	Mx	.006	4
49	MP2C	X	0	2
50	MP2C	Z	-13.7	2
51	MP2C	Mx	-.006	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP2C	X	0	4
53	MP2C	Z	-13.7	4
54	MP2C	Mx	-.006	4
55	MP3A	X	0	2
56	MP3A	Z	-16.938	2
57	MP3A	Mx	0	2
58	MP3B	X	0	2
59	MP3B	Z	-13.077	2
60	MP3B	Mx	-.006	2
61	MP3C	X	0	2
62	MP3C	Z	-13.077	2
63	MP3C	Mx	.006	2
64	MP2A	X	0	1.5
65	MP2A	Z	-16.938	1.5
66	MP2A	Mx	0	1.5
67	MP2B	X	0	1.5
68	MP2B	Z	-11.611	1.5
69	MP2B	Mx	-.005	1.5
70	MP2C	X	0	1.5
71	MP2C	Z	-11.611	1.5
72	MP2C	Mx	.005	1.5
73	MP4A	X	0	2
74	MP4A	Z	-32.578	2
75	MP4A	Mx	0	2
76	MP1A	X	0	1
77	MP1A	Z	-40.123	1
78	MP1A	Mx	0	1
79	MP1A	X	0	5
80	MP1A	Z	-40.123	5
81	MP1A	Mx	0	5
82	MP1B	X	0	1
83	MP1B	Z	-36.825	1
84	MP1B	Mx	.016	1
85	MP1B	X	0	5
86	MP1B	Z	-36.825	5
87	MP1B	Mx	.016	5
88	MP1C	X	0	1
89	MP1C	Z	-36.825	1
90	MP1C	Mx	-.016	1
91	MP1C	X	0	5
92	MP1C	Z	-36.825	5
93	MP1C	Mx	-.016	5
94	MP5A	X	0	1
95	MP5A	Z	-40.123	1
96	MP5A	Mx	0	1
97	MP5A	X	0	5
98	MP5A	Z	-40.123	5
99	MP5A	Mx	0	5
100	MP5B	X	0	1
101	MP5B	Z	-36.825	1
102	MP5B	Mx	.016	1
103	MP5B	X	0	5
104	MP5B	Z	-36.825	5
105	MP5B	Mx	.016	5
106	MP5C	X	0	1
107	MP5C	Z	-36.825	1
108	MP5C	Mx	-.016	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
109	MP5C	X	0	5
110	MP5C	Z	-36.825	5
111	MP5C	Mx	-.016	5
112	M76	X	0	5
113	M76	Z	-32.35	5
114	M76	Mx	0	5
115	M76	X	0	2
116	M76	Z	-8.823	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	19.098	1
2	MP3A	Z	-33.079	1
3	MP3A	Mx	-.032	1
4	MP3A	X	19.098	6
5	MP3A	Z	-33.079	6
6	MP3A	Mx	-.032	6
7	MP3B	X	15.388	1
8	MP3B	Z	-26.654	1
9	MP3B	Mx	.015	1
10	MP3B	X	15.388	6
11	MP3B	Z	-26.654	6
12	MP3B	Mx	.015	6
13	MP3C	X	19.098	1
14	MP3C	Z	-33.079	1
15	MP3C	Mx	.013	1
16	MP3C	X	19.098	6
17	MP3C	Z	-33.079	6
18	MP3C	Mx	.013	6
19	MP3A	X	19.098	1
20	MP3A	Z	-33.079	1
21	MP3A	Mx	.013	1
22	MP3A	X	19.098	6
23	MP3A	Z	-33.079	6
24	MP3A	Mx	.013	6
25	MP3B	X	15.388	1
26	MP3B	Z	-26.654	1
27	MP3B	Mx	.015	1
28	MP3B	X	15.388	6
29	MP3B	Z	-26.654	6
30	MP3B	Mx	.015	6
31	MP3C	X	19.098	1
32	MP3C	Z	-33.079	1
33	MP3C	Mx	-.032	1
34	MP3C	X	19.098	6
35	MP3C	Z	-33.079	6
36	MP3C	Mx	-.032	6
37	MP2A	X	8.188	2
38	MP2A	Z	-14.182	2
39	MP2A	Mx	-.004	2
40	MP2A	X	8.188	4
41	MP2A	Z	-14.182	4
42	MP2A	Mx	-.004	4
43	MP2B	X	6.181	2
44	MP2B	Z	-10.706	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP2B	Mx	.006	2
46	MP2B	X	6.181	4
47	MP2B	Z	-10.706	4
48	MP2B	Mx	.006	4
49	MP2C	X	8.188	2
50	MP2C	Z	-14.182	2
51	MP2C	Mx	-.004	2
52	MP2C	X	8.188	4
53	MP2C	Z	-14.182	4
54	MP2C	Mx	-.004	4
55	MP3A	X	7.825	2
56	MP3A	Z	-13.554	2
57	MP3A	Mx	.004	2
58	MP3B	X	5.895	2
59	MP3B	Z	-10.211	2
60	MP3B	Mx	-.006	2
61	MP3C	X	7.825	2
62	MP3C	Z	-13.554	2
63	MP3C	Mx	.004	2
64	MP2A	X	7.581	1.5
65	MP2A	Z	-13.131	1.5
66	MP2A	Mx	.004	1.5
67	MP2B	X	4.917	1.5
68	MP2B	Z	-8.517	1.5
69	MP2B	Mx	-.005	1.5
70	MP2C	X	7.581	1.5
71	MP2C	Z	-13.131	1.5
72	MP2C	Mx	.004	1.5
73	MP4A	X	15.004	2
74	MP4A	Z	-25.988	2
75	MP4A	Mx	.008	2
76	MP1A	X	19.512	1
77	MP1A	Z	-33.795	1
78	MP1A	Mx	-.01	1
79	MP1A	X	19.512	5
80	MP1A	Z	-33.795	5
81	MP1A	Mx	-.01	5
82	MP1B	X	17.863	1
83	MP1B	Z	-30.939	1
84	MP1B	Mx	.018	1
85	MP1B	X	17.863	5
86	MP1B	Z	-30.939	5
87	MP1B	Mx	.018	5
88	MP1C	X	19.512	1
89	MP1C	Z	-33.795	1
90	MP1C	Mx	-.01	1
91	MP1C	X	19.512	5
92	MP1C	Z	-33.795	5
93	MP1C	Mx	-.01	5
94	MP5A	X	19.512	1
95	MP5A	Z	-33.795	1
96	MP5A	Mx	-.01	1
97	MP5A	X	19.512	5
98	MP5A	Z	-33.795	5
99	MP5A	Mx	-.01	5
100	MP5B	X	17.863	1
101	MP5B	Z	-30.939	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
102	MP5B	Mx	.018	1
103	MP5B	X	17.863	5
104	MP5B	Z	-30.939	5
105	MP5B	Mx	.018	5
106	MP5C	X	19.512	1
107	MP5C	Z	-33.795	1
108	MP5C	Mx	-.01	1
109	MP5C	X	19.512	5
110	MP5C	Z	-33.795	5
111	MP5C	Mx	-.01	5
112	M76	X	12.821	5
113	M76	Z	-22.206	5
114	M76	Mx	0	5
115	M76	X	2.878	2
116	M76	Z	-4.985	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	28.795	1
2	MP3A	Z	-16.625	1
3	MP3A	Mx	-.025	1
4	MP3A	X	28.795	6
5	MP3A	Z	-16.625	6
6	MP3A	Mx	-.025	6
7	MP3B	X	28.795	1
8	MP3B	Z	-16.625	1
9	MP3B	Mx	.003	1
10	MP3B	X	28.795	6
11	MP3B	Z	-16.625	6
12	MP3B	Mx	.003	6
13	MP3C	X	35.22	1
14	MP3C	Z	-20.334	1
15	MP3C	Mx	.027	1
16	MP3C	X	35.22	6
17	MP3C	Z	-20.334	6
18	MP3C	Mx	.027	6
19	MP3A	X	28.795	1
20	MP3A	Z	-16.625	1
21	MP3A	Mx	-.003	1
22	MP3A	X	28.795	6
23	MP3A	Z	-16.625	6
24	MP3A	Mx	-.003	6
25	MP3B	X	28.795	1
26	MP3B	Z	-16.625	1
27	MP3B	Mx	.025	1
28	MP3B	X	28.795	6
29	MP3B	Z	-16.625	6
30	MP3B	Mx	.025	6
31	MP3C	X	35.22	1
32	MP3C	Z	-20.334	1
33	MP3C	Mx	-.027	1
34	MP3C	X	35.22	6
35	MP3C	Z	-20.334	6
36	MP3C	Mx	-.027	6
37	MP2A	X	11.865	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP2A	Z	-6.85	2
39	MP2A	Mx	-.006	2
40	MP2A	X	11.865	4
41	MP2A	Z	-6.85	4
42	MP2A	Mx	-.006	4
43	MP2B	X	11.865	2
44	MP2B	Z	-6.85	2
45	MP2B	Mx	.006	2
46	MP2B	X	11.865	4
47	MP2B	Z	-6.85	4
48	MP2B	Mx	.006	4
49	MP2C	X	15.34	2
50	MP2C	Z	-8.857	2
51	MP2C	Mx	0	2
52	MP2C	X	15.34	4
53	MP2C	Z	-8.857	4
54	MP2C	Mx	0	4
55	MP3A	X	11.325	2
56	MP3A	Z	-6.539	2
57	MP3A	Mx	.006	2
58	MP3B	X	11.325	2
59	MP3B	Z	-6.539	2
60	MP3B	Mx	-.006	2
61	MP3C	X	14.668	2
62	MP3C	Z	-8.469	2
63	MP3C	Mx	0	2
64	MP2A	X	10.055	1.5
65	MP2A	Z	-5.805	1.5
66	MP2A	Mx	.005	1.5
67	MP2B	X	10.055	1.5
68	MP2B	Z	-5.805	1.5
69	MP2B	Mx	-.005	1.5
70	MP2C	X	14.668	1.5
71	MP2C	Z	-8.469	1.5
72	MP2C	Mx	0	1.5
73	MP4A	X	21.538	2
74	MP4A	Z	-12.435	2
75	MP4A	Mx	.011	2
76	MP1A	X	31.891	1
77	MP1A	Z	-18.412	1
78	MP1A	Mx	-.016	1
79	MP1A	X	31.891	5
80	MP1A	Z	-18.412	5
81	MP1A	Mx	-.016	5
82	MP1B	X	31.891	1
83	MP1B	Z	-18.412	1
84	MP1B	Mx	.016	1
85	MP1B	X	31.891	5
86	MP1B	Z	-18.412	5
87	MP1B	Mx	.016	5
88	MP1C	X	34.748	1
89	MP1C	Z	-20.062	1
90	MP1C	Mx	0	1
91	MP1C	X	34.748	5
92	MP1C	Z	-20.062	5
93	MP1C	Mx	0	5
94	MP5A	X	31.891	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP5A	Z	-18.412	1
96	MP5A	Mx	-.016	1
97	MP5A	X	31.891	5
98	MP5A	Z	-18.412	5
99	MP5A	Mx	-.016	5
100	MP5B	X	31.891	1
101	MP5B	Z	-18.412	1
102	MP5B	Mx	.016	1
103	MP5B	X	31.891	5
104	MP5B	Z	-18.412	5
105	MP5B	Mx	.016	5
106	MP5C	X	34.748	1
107	MP5C	Z	-20.062	1
108	MP5C	Mx	0	1
109	MP5C	X	34.748	5
110	MP5C	Z	-20.062	5
111	MP5C	Mx	0	5
112	M76	X	28.016	5
113	M76	Z	-16.175	5
114	M76	Mx	0	5
115	M76	X	7.641	2
116	M76	Z	-4.412	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	30.777	1
2	MP3A	Z	0	1
3	MP3A	Mx	-.015	1
4	MP3A	X	30.777	6
5	MP3A	Z	0	6
6	MP3A	Mx	-.015	6
7	MP3B	X	38.196	1
8	MP3B	Z	0	1
9	MP3B	Mx	-.013	1
10	MP3B	X	38.196	6
11	MP3B	Z	0	6
12	MP3B	Mx	-.013	6
13	MP3C	X	38.196	1
14	MP3C	Z	0	1
15	MP3C	Mx	.032	1
16	MP3C	X	38.196	6
17	MP3C	Z	0	6
18	MP3C	Mx	.032	6
19	MP3A	X	30.777	1
20	MP3A	Z	0	1
21	MP3A	Mx	-.015	1
22	MP3A	X	30.777	6
23	MP3A	Z	0	6
24	MP3A	Mx	-.015	6
25	MP3B	X	38.196	1
26	MP3B	Z	0	1
27	MP3B	Mx	.032	1
28	MP3B	X	38.196	6
29	MP3B	Z	0	6
30	MP3B	Mx	.032	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3C	X	38.196	1
32	MP3C	Z	0	1
33	MP3C	Mx	-.013	1
34	MP3C	X	38.196	6
35	MP3C	Z	0	6
36	MP3C	Mx	-.013	6
37	MP2A	X	12.362	2
38	MP2A	Z	0	2
39	MP2A	Mx	-.006	2
40	MP2A	X	12.362	4
41	MP2A	Z	0	4
42	MP2A	Mx	-.006	4
43	MP2B	X	16.376	2
44	MP2B	Z	0	2
45	MP2B	Mx	.004	2
46	MP2B	X	16.376	4
47	MP2B	Z	0	4
48	MP2B	Mx	.004	4
49	MP2C	X	16.376	2
50	MP2C	Z	0	2
51	MP2C	Mx	.004	2
52	MP2C	X	16.376	4
53	MP2C	Z	0	4
54	MP2C	Mx	.004	4
55	MP3A	X	11.791	2
56	MP3A	Z	0	2
57	MP3A	Mx	.006	2
58	MP3B	X	15.651	2
59	MP3B	Z	0	2
60	MP3B	Mx	-.004	2
61	MP3C	X	15.651	2
62	MP3C	Z	0	2
63	MP3C	Mx	-.004	2
64	MP2A	X	9.835	1.5
65	MP2A	Z	0	1.5
66	MP2A	Mx	.005	1.5
67	MP2B	X	15.162	1.5
68	MP2B	Z	0	1.5
69	MP2B	Mx	-.004	1.5
70	MP2C	X	15.162	1.5
71	MP2C	Z	0	1.5
72	MP2C	Mx	-.004	1.5
73	MP4A	X	22.3	2
74	MP4A	Z	0	2
75	MP4A	Mx	.011	2
76	MP1A	X	35.725	1
77	MP1A	Z	0	1
78	MP1A	Mx	-.018	1
79	MP1A	X	35.725	5
80	MP1A	Z	0	5
81	MP1A	Mx	-.018	5
82	MP1B	X	39.024	1
83	MP1B	Z	0	1
84	MP1B	Mx	.01	1
85	MP1B	X	39.024	5
86	MP1B	Z	0	5
87	MP1B	Mx	.01	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP1C	X	39.024	1
89	MP1C	Z	0	1
90	MP1C	Mx	.01	1
91	MP1C	X	39.024	5
92	MP1C	Z	0	5
93	MP1C	Mx	.01	5
94	MP5A	X	35.725	1
95	MP5A	Z	0	1
96	MP5A	Mx	-.018	1
97	MP5A	X	35.725	5
98	MP5A	Z	0	5
99	MP5A	Mx	-.018	5
100	MP5B	X	39.024	1
101	MP5B	Z	0	1
102	MP5B	Mx	.01	1
103	MP5B	X	39.024	5
104	MP5B	Z	0	5
105	MP5B	Mx	.01	5
106	MP5C	X	39.024	1
107	MP5C	Z	0	1
108	MP5C	Mx	.01	1
109	MP5C	X	39.024	5
110	MP5C	Z	0	5
111	MP5C	Mx	.01	5
112	M76	X	45.767	5
113	M76	Z	0	5
114	M76	Mx	0	5
115	M76	X	14.958	2
116	M76	Z	0	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	28.795	1
2	MP3A	Z	16.625	1
3	MP3A	Mx	-.003	1
4	MP3A	X	28.795	6
5	MP3A	Z	16.625	6
6	MP3A	Mx	-.003	6
7	MP3B	X	35.22	1
8	MP3B	Z	20.334	1
9	MP3B	Mx	-.027	1
10	MP3B	X	35.22	6
11	MP3B	Z	20.334	6
12	MP3B	Mx	-.027	6
13	MP3C	X	28.795	1
14	MP3C	Z	16.625	1
15	MP3C	Mx	.025	1
16	MP3C	X	28.795	6
17	MP3C	Z	16.625	6
18	MP3C	Mx	.025	6
19	MP3A	X	28.795	1
20	MP3A	Z	16.625	1
21	MP3A	Mx	-.025	1
22	MP3A	X	28.795	6
23	MP3A	Z	16.625	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP3A	Mx	-.025	6
25	MP3B	X	35.22	1
26	MP3B	Z	20.334	1
27	MP3B	Mx	.027	1
28	MP3B	X	35.22	6
29	MP3B	Z	20.334	6
30	MP3B	Mx	.027	6
31	MP3C	X	28.795	1
32	MP3C	Z	16.625	1
33	MP3C	Mx	.003	1
34	MP3C	X	28.795	6
35	MP3C	Z	16.625	6
36	MP3C	Mx	.003	6
37	MP2A	X	11.865	2
38	MP2A	Z	6.85	2
39	MP2A	Mx	-.006	2
40	MP2A	X	11.865	4
41	MP2A	Z	6.85	4
42	MP2A	Mx	-.006	4
43	MP2B	X	15.34	2
44	MP2B	Z	8.857	2
45	MP2B	Mx	0	2
46	MP2B	X	15.34	4
47	MP2B	Z	8.857	4
48	MP2B	Mx	0	4
49	MP2C	X	11.865	2
50	MP2C	Z	6.85	2
51	MP2C	Mx	.006	2
52	MP2C	X	11.865	4
53	MP2C	Z	6.85	4
54	MP2C	Mx	.006	4
55	MP3A	X	11.325	2
56	MP3A	Z	6.539	2
57	MP3A	Mx	.006	2
58	MP3B	X	14.668	2
59	MP3B	Z	8.469	2
60	MP3B	Mx	0	2
61	MP3C	X	11.325	2
62	MP3C	Z	6.539	2
63	MP3C	Mx	-.006	2
64	MP2A	X	10.055	1.5
65	MP2A	Z	5.805	1.5
66	MP2A	Mx	.005	1.5
67	MP2B	X	14.668	1.5
68	MP2B	Z	8.469	1.5
69	MP2B	Mx	0	1.5
70	MP2C	X	10.055	1.5
71	MP2C	Z	5.805	1.5
72	MP2C	Mx	-.005	1.5
73	MP4A	X	21.538	2
74	MP4A	Z	12.435	2
75	MP4A	Mx	.011	2
76	MP1A	X	31.891	1
77	MP1A	Z	18.412	1
78	MP1A	Mx	-.016	1
79	MP1A	X	31.891	5
80	MP1A	Z	18.412	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP1A	Mx	-.016	5
82	MP1B	X	34.748	1
83	MP1B	Z	20.062	1
84	MP1B	Mx	0	1
85	MP1B	X	34.748	5
86	MP1B	Z	20.062	5
87	MP1B	Mx	0	5
88	MP1C	X	31.891	1
89	MP1C	Z	18.412	1
90	MP1C	Mx	.016	1
91	MP1C	X	31.891	5
92	MP1C	Z	18.412	5
93	MP1C	Mx	.016	5
94	MP5A	X	31.891	1
95	MP5A	Z	18.412	1
96	MP5A	Mx	-.016	1
97	MP5A	X	31.891	5
98	MP5A	Z	18.412	5
99	MP5A	Mx	-.016	5
100	MP5B	X	34.748	1
101	MP5B	Z	20.062	1
102	MP5B	Mx	0	1
103	MP5B	X	34.748	5
104	MP5B	Z	20.062	5
105	MP5B	Mx	0	5
106	MP5C	X	31.891	1
107	MP5C	Z	18.412	1
108	MP5C	Mx	.016	1
109	MP5C	X	31.891	5
110	MP5C	Z	18.412	5
111	MP5C	Mx	.016	5
112	M76	X	45.445	5
113	M76	Z	26.237	5
114	M76	Mx	0	5
115	M76	X	15.61	2
116	M76	Z	9.013	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	19.098	1
2	MP3A	Z	33.079	1
3	MP3A	Mx	.013	1
4	MP3A	X	19.098	6
5	MP3A	Z	33.079	6
6	MP3A	Mx	.013	6
7	MP3B	X	19.098	1
8	MP3B	Z	33.079	1
9	MP3B	Mx	-.032	1
10	MP3B	X	19.098	6
11	MP3B	Z	33.079	6
12	MP3B	Mx	-.032	6
13	MP3C	X	15.388	1
14	MP3C	Z	26.654	1
15	MP3C	Mx	.015	1
16	MP3C	X	15.388	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP3C	Z	26.654	6
18	MP3C	Mx	.015	6
19	MP3A	X	19.098	1
20	MP3A	Z	33.079	1
21	MP3A	Mx	-.032	1
22	MP3A	X	19.098	6
23	MP3A	Z	33.079	6
24	MP3A	Mx	-.032	6
25	MP3B	X	19.098	1
26	MP3B	Z	33.079	1
27	MP3B	Mx	.013	1
28	MP3B	X	19.098	6
29	MP3B	Z	33.079	6
30	MP3B	Mx	.013	6
31	MP3C	X	15.388	1
32	MP3C	Z	26.654	1
33	MP3C	Mx	.015	1
34	MP3C	X	15.388	6
35	MP3C	Z	26.654	6
36	MP3C	Mx	.015	6
37	MP2A	X	8.188	2
38	MP2A	Z	14.182	2
39	MP2A	Mx	-.004	2
40	MP2A	X	8.188	4
41	MP2A	Z	14.182	4
42	MP2A	Mx	-.004	4
43	MP2B	X	8.188	2
44	MP2B	Z	14.182	2
45	MP2B	Mx	-.004	2
46	MP2B	X	8.188	4
47	MP2B	Z	14.182	4
48	MP2B	Mx	-.004	4
49	MP2C	X	6.181	2
50	MP2C	Z	10.706	2
51	MP2C	Mx	.006	2
52	MP2C	X	6.181	4
53	MP2C	Z	10.706	4
54	MP2C	Mx	.006	4
55	MP3A	X	7.825	2
56	MP3A	Z	13.554	2
57	MP3A	Mx	.004	2
58	MP3B	X	7.825	2
59	MP3B	Z	13.554	2
60	MP3B	Mx	.004	2
61	MP3C	X	5.895	2
62	MP3C	Z	10.211	2
63	MP3C	Mx	-.006	2
64	MP2A	X	7.581	1.5
65	MP2A	Z	13.131	1.5
66	MP2A	Mx	.004	1.5
67	MP2B	X	7.581	1.5
68	MP2B	Z	13.131	1.5
69	MP2B	Mx	.004	1.5
70	MP2C	X	4.917	1.5
71	MP2C	Z	8.517	1.5
72	MP2C	Mx	-.005	1.5
73	MP4A	X	15.004	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP4A	Z	25.988	2
75	MP4A	Mx	.008	2
76	MP1A	X	19.512	1
77	MP1A	Z	33.795	1
78	MP1A	Mx	-.01	1
79	MP1A	X	19.512	5
80	MP1A	Z	33.795	5
81	MP1A	Mx	-.01	5
82	MP1B	X	19.512	1
83	MP1B	Z	33.795	1
84	MP1B	Mx	-.01	1
85	MP1B	X	19.512	5
86	MP1B	Z	33.795	5
87	MP1B	Mx	-.01	5
88	MP1C	X	17.863	1
89	MP1C	Z	30.939	1
90	MP1C	Mx	.018	1
91	MP1C	X	17.863	5
92	MP1C	Z	30.939	5
93	MP1C	Mx	.018	5
94	MP5A	X	19.512	1
95	MP5A	Z	33.795	1
96	MP5A	Mx	-.01	1
97	MP5A	X	19.512	5
98	MP5A	Z	33.795	5
99	MP5A	Mx	-.01	5
100	MP5B	X	19.512	1
101	MP5B	Z	33.795	1
102	MP5B	Mx	-.01	1
103	MP5B	X	19.512	5
104	MP5B	Z	33.795	5
105	MP5B	Mx	-.01	5
106	MP5C	X	17.863	1
107	MP5C	Z	30.939	1
108	MP5C	Mx	.018	1
109	MP5C	X	17.863	5
110	MP5C	Z	30.939	5
111	MP5C	Mx	.018	5
112	M76	X	22.883	5
113	M76	Z	39.635	5
114	M76	Mx	0	5
115	M76	X	7.479	2
116	M76	Z	12.954	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1
2	MP3A	Z	40.669	1
3	MP3A	Mx	.027	1
4	MP3A	X	0	6
5	MP3A	Z	40.669	6
6	MP3A	Mx	.027	6
7	MP3B	X	0	1
8	MP3B	Z	33.25	1
9	MP3B	Mx	-.025	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP3B	X	0	6
11	MP3B	Z	33.25	6
12	MP3B	Mx	-.025	6
13	MP3C	X	0	1
14	MP3C	Z	33.25	1
15	MP3C	Mx	.003	1
16	MP3C	X	0	6
17	MP3C	Z	33.25	6
18	MP3C	Mx	.003	6
19	MP3A	X	0	1
20	MP3A	Z	40.669	1
21	MP3A	Mx	-.027	1
22	MP3A	X	0	6
23	MP3A	Z	40.669	6
24	MP3A	Mx	-.027	6
25	MP3B	X	0	1
26	MP3B	Z	33.25	1
27	MP3B	Mx	-.003	1
28	MP3B	X	0	6
29	MP3B	Z	33.25	6
30	MP3B	Mx	-.003	6
31	MP3C	X	0	1
32	MP3C	Z	33.25	1
33	MP3C	Mx	.025	1
34	MP3C	X	0	6
35	MP3C	Z	33.25	6
36	MP3C	Mx	.025	6
37	MP2A	X	0	2
38	MP2A	Z	17.713	2
39	MP2A	Mx	0	2
40	MP2A	X	0	4
41	MP2A	Z	17.713	4
42	MP2A	Mx	0	4
43	MP2B	X	0	2
44	MP2B	Z	13.7	2
45	MP2B	Mx	-.006	2
46	MP2B	X	0	4
47	MP2B	Z	13.7	4
48	MP2B	Mx	-.006	4
49	MP2C	X	0	2
50	MP2C	Z	13.7	2
51	MP2C	Mx	.006	2
52	MP2C	X	0	4
53	MP2C	Z	13.7	4
54	MP2C	Mx	.006	4
55	MP3A	X	0	2
56	MP3A	Z	16.938	2
57	MP3A	Mx	0	2
58	MP3B	X	0	2
59	MP3B	Z	13.077	2
60	MP3B	Mx	.006	2
61	MP3C	X	0	2
62	MP3C	Z	13.077	2
63	MP3C	Mx	-.006	2
64	MP2A	X	0	1.5
65	MP2A	Z	16.938	1.5
66	MP2A	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP2B	X	0	1.5
68	MP2B	Z	11.611	1.5
69	MP2B	Mx	.005	1.5
70	MP2C	X	0	1.5
71	MP2C	Z	11.611	1.5
72	MP2C	Mx	-.005	1.5
73	MP4A	X	0	2
74	MP4A	Z	32.578	2
75	MP4A	Mx	0	2
76	MP1A	X	0	1
77	MP1A	Z	40.123	1
78	MP1A	Mx	0	1
79	MP1A	X	0	5
80	MP1A	Z	40.123	5
81	MP1A	Mx	0	5
82	MP1B	X	0	1
83	MP1B	Z	36.825	1
84	MP1B	Mx	-.016	1
85	MP1B	X	0	5
86	MP1B	Z	36.825	5
87	MP1B	Mx	-.016	5
88	MP1C	X	0	1
89	MP1C	Z	36.825	1
90	MP1C	Mx	.016	1
91	MP1C	X	0	5
92	MP1C	Z	36.825	5
93	MP1C	Mx	.016	5
94	MP5A	X	0	1
95	MP5A	Z	40.123	1
96	MP5A	Mx	0	1
97	MP5A	X	0	5
98	MP5A	Z	40.123	5
99	MP5A	Mx	0	5
100	MP5B	X	0	1
101	MP5B	Z	36.825	1
102	MP5B	Mx	-.016	1
103	MP5B	X	0	5
104	MP5B	Z	36.825	5
105	MP5B	Mx	-.016	5
106	MP5C	X	0	1
107	MP5C	Z	36.825	1
108	MP5C	Mx	.016	1
109	MP5C	X	0	5
110	MP5C	Z	36.825	5
111	MP5C	Mx	.016	5
112	M76	X	0	5
113	M76	Z	32.35	5
114	M76	Mx	0	5
115	M76	X	0	2
116	M76	Z	8.823	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-19.098	1
2	MP3A	Z	33.079	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP3A	Mx	.032	1
4	MP3A	X	-19.098	6
5	MP3A	Z	33.079	6
6	MP3A	Mx	.032	6
7	MP3B	X	-15.388	1
8	MP3B	Z	26.654	1
9	MP3B	Mx	-.015	1
10	MP3B	X	-15.388	6
11	MP3B	Z	26.654	6
12	MP3B	Mx	-.015	6
13	MP3C	X	-19.098	1
14	MP3C	Z	33.079	1
15	MP3C	Mx	-.013	1
16	MP3C	X	-19.098	6
17	MP3C	Z	33.079	6
18	MP3C	Mx	-.013	6
19	MP3A	X	-19.098	1
20	MP3A	Z	33.079	1
21	MP3A	Mx	-.013	1
22	MP3A	X	-19.098	6
23	MP3A	Z	33.079	6
24	MP3A	Mx	-.013	6
25	MP3B	X	-15.388	1
26	MP3B	Z	26.654	1
27	MP3B	Mx	-.015	1
28	MP3B	X	-15.388	6
29	MP3B	Z	26.654	6
30	MP3B	Mx	-.015	6
31	MP3C	X	-19.098	1
32	MP3C	Z	33.079	1
33	MP3C	Mx	.032	1
34	MP3C	X	-19.098	6
35	MP3C	Z	33.079	6
36	MP3C	Mx	.032	6
37	MP2A	X	-8.188	2
38	MP2A	Z	14.182	2
39	MP2A	Mx	.004	2
40	MP2A	X	-8.188	4
41	MP2A	Z	14.182	4
42	MP2A	Mx	.004	4
43	MP2B	X	-6.181	2
44	MP2B	Z	10.706	2
45	MP2B	Mx	-.006	2
46	MP2B	X	-6.181	4
47	MP2B	Z	10.706	4
48	MP2B	Mx	-.006	4
49	MP2C	X	-8.188	2
50	MP2C	Z	14.182	2
51	MP2C	Mx	.004	2
52	MP2C	X	-8.188	4
53	MP2C	Z	14.182	4
54	MP2C	Mx	.004	4
55	MP3A	X	-7.825	2
56	MP3A	Z	13.554	2
57	MP3A	Mx	-.004	2
58	MP3B	X	-5.895	2
59	MP3B	Z	10.211	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3B	Mx	.006	2
61	MP3C	X	-7.825	2
62	MP3C	Z	13.554	2
63	MP3C	Mx	-.004	2
64	MP2A	X	-7.581	1.5
65	MP2A	Z	13.131	1.5
66	MP2A	Mx	-.004	1.5
67	MP2B	X	-4.917	1.5
68	MP2B	Z	8.517	1.5
69	MP2B	Mx	.005	1.5
70	MP2C	X	-7.581	1.5
71	MP2C	Z	13.131	1.5
72	MP2C	Mx	-.004	1.5
73	MP4A	X	-15.004	2
74	MP4A	Z	25.988	2
75	MP4A	Mx	-.008	2
76	MP1A	X	-19.512	1
77	MP1A	Z	33.795	1
78	MP1A	Mx	.01	1
79	MP1A	X	-19.512	5
80	MP1A	Z	33.795	5
81	MP1A	Mx	.01	5
82	MP1B	X	-17.863	1
83	MP1B	Z	30.939	1
84	MP1B	Mx	-.018	1
85	MP1B	X	-17.863	5
86	MP1B	Z	30.939	5
87	MP1B	Mx	-.018	5
88	MP1C	X	-19.512	1
89	MP1C	Z	33.795	1
90	MP1C	Mx	.01	1
91	MP1C	X	-19.512	5
92	MP1C	Z	33.795	5
93	MP1C	Mx	.01	5
94	MP5A	X	-19.512	1
95	MP5A	Z	33.795	1
96	MP5A	Mx	.01	1
97	MP5A	X	-19.512	5
98	MP5A	Z	33.795	5
99	MP5A	Mx	.01	5
100	MP5B	X	-17.863	1
101	MP5B	Z	30.939	1
102	MP5B	Mx	-.018	1
103	MP5B	X	-17.863	5
104	MP5B	Z	30.939	5
105	MP5B	Mx	-.018	5
106	MP5C	X	-19.512	1
107	MP5C	Z	33.795	1
108	MP5C	Mx	.01	1
109	MP5C	X	-19.512	5
110	MP5C	Z	33.795	5
111	MP5C	Mx	.01	5
112	M76	X	-12.821	5
113	M76	Z	22.206	5
114	M76	Mx	0	5
115	M76	X	-2.878	2
116	M76	Z	4.985	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-28.795	1
2	MP3A	Z	16.625	1
3	MP3A	Mx	.025	1
4	MP3A	X	-28.795	6
5	MP3A	Z	16.625	6
6	MP3A	Mx	.025	6
7	MP3B	X	-28.795	1
8	MP3B	Z	16.625	1
9	MP3B	Mx	-.003	1
10	MP3B	X	-28.795	6
11	MP3B	Z	16.625	6
12	MP3B	Mx	-.003	6
13	MP3C	X	-35.22	1
14	MP3C	Z	20.334	1
15	MP3C	Mx	-.027	1
16	MP3C	X	-35.22	6
17	MP3C	Z	20.334	6
18	MP3C	Mx	-.027	6
19	MP3A	X	-28.795	1
20	MP3A	Z	16.625	1
21	MP3A	Mx	.003	1
22	MP3A	X	-28.795	6
23	MP3A	Z	16.625	6
24	MP3A	Mx	.003	6
25	MP3B	X	-28.795	1
26	MP3B	Z	16.625	1
27	MP3B	Mx	-.025	1
28	MP3B	X	-28.795	6
29	MP3B	Z	16.625	6
30	MP3B	Mx	-.025	6
31	MP3C	X	-35.22	1
32	MP3C	Z	20.334	1
33	MP3C	Mx	.027	1
34	MP3C	X	-35.22	6
35	MP3C	Z	20.334	6
36	MP3C	Mx	.027	6
37	MP2A	X	-11.865	2
38	MP2A	Z	6.85	2
39	MP2A	Mx	.006	2
40	MP2A	X	-11.865	4
41	MP2A	Z	6.85	4
42	MP2A	Mx	.006	4
43	MP2B	X	-11.865	2
44	MP2B	Z	6.85	2
45	MP2B	Mx	-.006	2
46	MP2B	X	-11.865	4
47	MP2B	Z	6.85	4
48	MP2B	Mx	-.006	4
49	MP2C	X	-15.34	2
50	MP2C	Z	8.857	2
51	MP2C	Mx	0	2
52	MP2C	X	-15.34	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP2C	Z	8.857	4
54	MP2C	Mx	0	4
55	MP3A	X	-11.325	2
56	MP3A	Z	6.539	2
57	MP3A	Mx	-.006	2
58	MP3B	X	-11.325	2
59	MP3B	Z	6.539	2
60	MP3B	Mx	.006	2
61	MP3C	X	-14.668	2
62	MP3C	Z	8.469	2
63	MP3C	Mx	0	2
64	MP2A	X	-10.055	1.5
65	MP2A	Z	5.805	1.5
66	MP2A	Mx	-.005	1.5
67	MP2B	X	-10.055	1.5
68	MP2B	Z	5.805	1.5
69	MP2B	Mx	.005	1.5
70	MP2C	X	-14.668	1.5
71	MP2C	Z	8.469	1.5
72	MP2C	Mx	0	1.5
73	MP4A	X	-21.538	2
74	MP4A	Z	12.435	2
75	MP4A	Mx	-.011	2
76	MP1A	X	-31.891	1
77	MP1A	Z	18.412	1
78	MP1A	Mx	.016	1
79	MP1A	X	-31.891	5
80	MP1A	Z	18.412	5
81	MP1A	Mx	.016	5
82	MP1B	X	-31.891	1
83	MP1B	Z	18.412	1
84	MP1B	Mx	-.016	1
85	MP1B	X	-31.891	5
86	MP1B	Z	18.412	5
87	MP1B	Mx	-.016	5
88	MP1C	X	-34.748	1
89	MP1C	Z	20.062	1
90	MP1C	Mx	0	1
91	MP1C	X	-34.748	5
92	MP1C	Z	20.062	5
93	MP1C	Mx	0	5
94	MP5A	X	-31.891	1
95	MP5A	Z	18.412	1
96	MP5A	Mx	.016	1
97	MP5A	X	-31.891	5
98	MP5A	Z	18.412	5
99	MP5A	Mx	.016	5
100	MP5B	X	-31.891	1
101	MP5B	Z	18.412	1
102	MP5B	Mx	-.016	1
103	MP5B	X	-31.891	5
104	MP5B	Z	18.412	5
105	MP5B	Mx	-.016	5
106	MP5C	X	-34.748	1
107	MP5C	Z	20.062	1
108	MP5C	Mx	0	1
109	MP5C	X	-34.748	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	MP5C	Z	20.062	5
111	MP5C	Mx	0	5
112	M76	X	-28.016	5
113	M76	Z	16.175	5
114	M76	Mx	0	5
115	M76	X	-7.641	2
116	M76	Z	4.412	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-30.777	1
2	MP3A	Z	0	1
3	MP3A	Mx	.015	1
4	MP3A	X	-30.777	6
5	MP3A	Z	0	6
6	MP3A	Mx	.015	6
7	MP3B	X	-38.196	1
8	MP3B	Z	0	1
9	MP3B	Mx	.013	1
10	MP3B	X	-38.196	6
11	MP3B	Z	0	6
12	MP3B	Mx	.013	6
13	MP3C	X	-38.196	1
14	MP3C	Z	0	1
15	MP3C	Mx	-.032	1
16	MP3C	X	-38.196	6
17	MP3C	Z	0	6
18	MP3C	Mx	-.032	6
19	MP3A	X	-30.777	1
20	MP3A	Z	0	1
21	MP3A	Mx	.015	1
22	MP3A	X	-30.777	6
23	MP3A	Z	0	6
24	MP3A	Mx	.015	6
25	MP3B	X	-38.196	1
26	MP3B	Z	0	1
27	MP3B	Mx	-.032	1
28	MP3B	X	-38.196	6
29	MP3B	Z	0	6
30	MP3B	Mx	-.032	6
31	MP3C	X	-38.196	1
32	MP3C	Z	0	1
33	MP3C	Mx	.013	1
34	MP3C	X	-38.196	6
35	MP3C	Z	0	6
36	MP3C	Mx	.013	6
37	MP2A	X	-12.362	2
38	MP2A	Z	0	2
39	MP2A	Mx	.006	2
40	MP2A	X	-12.362	4
41	MP2A	Z	0	4
42	MP2A	Mx	.006	4
43	MP2B	X	-16.376	2
44	MP2B	Z	0	2
45	MP2B	Mx	-.004	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP2B	X	-16.376	4
47	MP2B	Z	0	4
48	MP2B	Mx	-.004	4
49	MP2C	X	-16.376	2
50	MP2C	Z	0	2
51	MP2C	Mx	-.004	2
52	MP2C	X	-16.376	4
53	MP2C	Z	0	4
54	MP2C	Mx	-.004	4
55	MP3A	X	-11.791	2
56	MP3A	Z	0	2
57	MP3A	Mx	-.006	2
58	MP3B	X	-15.651	2
59	MP3B	Z	0	2
60	MP3B	Mx	.004	2
61	MP3C	X	-15.651	2
62	MP3C	Z	0	2
63	MP3C	Mx	.004	2
64	MP2A	X	-9.835	1.5
65	MP2A	Z	0	1.5
66	MP2A	Mx	-.005	1.5
67	MP2B	X	-15.162	1.5
68	MP2B	Z	0	1.5
69	MP2B	Mx	.004	1.5
70	MP2C	X	-15.162	1.5
71	MP2C	Z	0	1.5
72	MP2C	Mx	.004	1.5
73	MP4A	X	-22.3	2
74	MP4A	Z	0	2
75	MP4A	Mx	-.011	2
76	MP1A	X	-35.725	1
77	MP1A	Z	0	1
78	MP1A	Mx	.018	1
79	MP1A	X	-35.725	5
80	MP1A	Z	0	5
81	MP1A	Mx	.018	5
82	MP1B	X	-39.024	1
83	MP1B	Z	0	1
84	MP1B	Mx	-.01	1
85	MP1B	X	-39.024	5
86	MP1B	Z	0	5
87	MP1B	Mx	-.01	5
88	MP1C	X	-39.024	1
89	MP1C	Z	0	1
90	MP1C	Mx	-.01	1
91	MP1C	X	-39.024	5
92	MP1C	Z	0	5
93	MP1C	Mx	-.01	5
94	MP5A	X	-35.725	1
95	MP5A	Z	0	1
96	MP5A	Mx	.018	1
97	MP5A	X	-35.725	5
98	MP5A	Z	0	5
99	MP5A	Mx	.018	5
100	MP5B	X	-39.024	1
101	MP5B	Z	0	1
102	MP5B	Mx	-.01	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
103	MP5B	X	-39.024	5
104	MP5B	Z	0	5
105	MP5B	Mx	-.01	5
106	MP5C	X	-39.024	1
107	MP5C	Z	0	1
108	MP5C	Mx	-.01	1
109	MP5C	X	-39.024	5
110	MP5C	Z	0	5
111	MP5C	Mx	-.01	5
112	M76	X	-45.767	5
113	M76	Z	0	5
114	M76	Mx	0	5
115	M76	X	-14.958	2
116	M76	Z	0	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-28.795	1
2	MP3A	Z	-16.625	1
3	MP3A	Mx	.003	1
4	MP3A	X	-28.795	6
5	MP3A	Z	-16.625	6
6	MP3A	Mx	.003	6
7	MP3B	X	-35.22	1
8	MP3B	Z	-20.334	1
9	MP3B	Mx	.027	1
10	MP3B	X	-35.22	6
11	MP3B	Z	-20.334	6
12	MP3B	Mx	.027	6
13	MP3C	X	-28.795	1
14	MP3C	Z	-16.625	1
15	MP3C	Mx	-.025	1
16	MP3C	X	-28.795	6
17	MP3C	Z	-16.625	6
18	MP3C	Mx	-.025	6
19	MP3A	X	-28.795	1
20	MP3A	Z	-16.625	1
21	MP3A	Mx	.025	1
22	MP3A	X	-28.795	6
23	MP3A	Z	-16.625	6
24	MP3A	Mx	.025	6
25	MP3B	X	-35.22	1
26	MP3B	Z	-20.334	1
27	MP3B	Mx	-.027	1
28	MP3B	X	-35.22	6
29	MP3B	Z	-20.334	6
30	MP3B	Mx	-.027	6
31	MP3C	X	-28.795	1
32	MP3C	Z	-16.625	1
33	MP3C	Mx	-.003	1
34	MP3C	X	-28.795	6
35	MP3C	Z	-16.625	6
36	MP3C	Mx	-.003	6
37	MP2A	X	-11.865	2
38	MP2A	Z	-6.85	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP2A	Mx	.006	2
40	MP2A	X	-11.865	4
41	MP2A	Z	-6.85	4
42	MP2A	Mx	.006	4
43	MP2B	X	-15.34	2
44	MP2B	Z	-8.857	2
45	MP2B	Mx	0	2
46	MP2B	X	-15.34	4
47	MP2B	Z	-8.857	4
48	MP2B	Mx	0	4
49	MP2C	X	-11.865	2
50	MP2C	Z	-6.85	2
51	MP2C	Mx	-.006	2
52	MP2C	X	-11.865	4
53	MP2C	Z	-6.85	4
54	MP2C	Mx	-.006	4
55	MP3A	X	-11.325	2
56	MP3A	Z	-6.539	2
57	MP3A	Mx	-.006	2
58	MP3B	X	-14.668	2
59	MP3B	Z	-8.469	2
60	MP3B	Mx	0	2
61	MP3C	X	-11.325	2
62	MP3C	Z	-6.539	2
63	MP3C	Mx	.006	2
64	MP2A	X	-10.055	1.5
65	MP2A	Z	-5.805	1.5
66	MP2A	Mx	-.005	1.5
67	MP2B	X	-14.668	1.5
68	MP2B	Z	-8.469	1.5
69	MP2B	Mx	0	1.5
70	MP2C	X	-10.055	1.5
71	MP2C	Z	-5.805	1.5
72	MP2C	Mx	.005	1.5
73	MP4A	X	-21.538	2
74	MP4A	Z	-12.435	2
75	MP4A	Mx	-.011	2
76	MP1A	X	-31.891	1
77	MP1A	Z	-18.412	1
78	MP1A	Mx	.016	1
79	MP1A	X	-31.891	5
80	MP1A	Z	-18.412	5
81	MP1A	Mx	.016	5
82	MP1B	X	-34.748	1
83	MP1B	Z	-20.062	1
84	MP1B	Mx	0	1
85	MP1B	X	-34.748	5
86	MP1B	Z	-20.062	5
87	MP1B	Mx	0	5
88	MP1C	X	-31.891	1
89	MP1C	Z	-18.412	1
90	MP1C	Mx	-.016	1
91	MP1C	X	-31.891	5
92	MP1C	Z	-18.412	5
93	MP1C	Mx	-.016	5
94	MP5A	X	-31.891	1
95	MP5A	Z	-18.412	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
96	MP5A	Mx	.016	1
97	MP5A	X	-31.891	5
98	MP5A	Z	-18.412	5
99	MP5A	Mx	.016	5
100	MP5B	X	-34.748	1
101	MP5B	Z	-20.062	1
102	MP5B	Mx	0	1
103	MP5B	X	-34.748	5
104	MP5B	Z	-20.062	5
105	MP5B	Mx	0	5
106	MP5C	X	-31.891	1
107	MP5C	Z	-18.412	1
108	MP5C	Mx	-.016	1
109	MP5C	X	-31.891	5
110	MP5C	Z	-18.412	5
111	MP5C	Mx	-.016	5
112	M76	X	-45.445	5
113	M76	Z	-26.237	5
114	M76	Mx	0	5
115	M76	X	-15.61	2
116	M76	Z	-9.013	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-19.098	1
2	MP3A	Z	-33.079	1
3	MP3A	Mx	-.013	1
4	MP3A	X	-19.098	6
5	MP3A	Z	-33.079	6
6	MP3A	Mx	-.013	6
7	MP3B	X	-19.098	1
8	MP3B	Z	-33.079	1
9	MP3B	Mx	.032	1
10	MP3B	X	-19.098	6
11	MP3B	Z	-33.079	6
12	MP3B	Mx	.032	6
13	MP3C	X	-15.388	1
14	MP3C	Z	-26.654	1
15	MP3C	Mx	-.015	1
16	MP3C	X	-15.388	6
17	MP3C	Z	-26.654	6
18	MP3C	Mx	-.015	6
19	MP3A	X	-19.098	1
20	MP3A	Z	-33.079	1
21	MP3A	Mx	.032	1
22	MP3A	X	-19.098	6
23	MP3A	Z	-33.079	6
24	MP3A	Mx	.032	6
25	MP3B	X	-19.098	1
26	MP3B	Z	-33.079	1
27	MP3B	Mx	-.013	1
28	MP3B	X	-19.098	6
29	MP3B	Z	-33.079	6
30	MP3B	Mx	-.013	6
31	MP3C	X	-15.388	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
32	MP3C	Z	-26.654	1
33	MP3C	Mx	-.015	1
34	MP3C	X	-15.388	6
35	MP3C	Z	-26.654	6
36	MP3C	Mx	-.015	6
37	MP2A	X	-8.188	2
38	MP2A	Z	-14.182	2
39	MP2A	Mx	.004	2
40	MP2A	X	-8.188	4
41	MP2A	Z	-14.182	4
42	MP2A	Mx	.004	4
43	MP2B	X	-8.188	2
44	MP2B	Z	-14.182	2
45	MP2B	Mx	.004	2
46	MP2B	X	-8.188	4
47	MP2B	Z	-14.182	4
48	MP2B	Mx	.004	4
49	MP2C	X	-6.181	2
50	MP2C	Z	-10.706	2
51	MP2C	Mx	-.006	2
52	MP2C	X	-6.181	4
53	MP2C	Z	-10.706	4
54	MP2C	Mx	-.006	4
55	MP3A	X	-7.825	2
56	MP3A	Z	-13.554	2
57	MP3A	Mx	-.004	2
58	MP3B	X	-7.825	2
59	MP3B	Z	-13.554	2
60	MP3B	Mx	-.004	2
61	MP3C	X	-5.895	2
62	MP3C	Z	-10.211	2
63	MP3C	Mx	.006	2
64	MP2A	X	-7.581	1.5
65	MP2A	Z	-13.131	1.5
66	MP2A	Mx	-.004	1.5
67	MP2B	X	-7.581	1.5
68	MP2B	Z	-13.131	1.5
69	MP2B	Mx	-.004	1.5
70	MP2C	X	-4.917	1.5
71	MP2C	Z	-8.517	1.5
72	MP2C	Mx	.005	1.5
73	MP4A	X	-15.004	2
74	MP4A	Z	-25.988	2
75	MP4A	Mx	-.008	2
76	MP1A	X	-19.512	1
77	MP1A	Z	-33.795	1
78	MP1A	Mx	.01	1
79	MP1A	X	-19.512	5
80	MP1A	Z	-33.795	5
81	MP1A	Mx	.01	5
82	MP1B	X	-19.512	1
83	MP1B	Z	-33.795	1
84	MP1B	Mx	.01	1
85	MP1B	X	-19.512	5
86	MP1B	Z	-33.795	5
87	MP1B	Mx	.01	5
88	MP1C	X	-17.863	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP1C	Z	-30.939	1
90	MP1C	Mx	-.018	1
91	MP1C	X	-17.863	5
92	MP1C	Z	-30.939	5
93	MP1C	Mx	-.018	5
94	MP5A	X	-19.512	1
95	MP5A	Z	-33.795	1
96	MP5A	Mx	.01	1
97	MP5A	X	-19.512	5
98	MP5A	Z	-33.795	5
99	MP5A	Mx	.01	5
100	MP5B	X	-19.512	1
101	MP5B	Z	-33.795	1
102	MP5B	Mx	.01	1
103	MP5B	X	-19.512	5
104	MP5B	Z	-33.795	5
105	MP5B	Mx	.01	5
106	MP5C	X	-17.863	1
107	MP5C	Z	-30.939	1
108	MP5C	Mx	-.018	1
109	MP5C	X	-17.863	5
110	MP5C	Z	-30.939	5
111	MP5C	Mx	-.018	5
112	M76	X	-22.883	5
113	M76	Z	-39.635	5
114	M76	Mx	0	5
115	M76	X	-7.479	2
116	M76	Z	-12.954	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1
2	MP3A	Z	-13.404	1
3	MP3A	Mx	-.009	1
4	MP3A	X	0	6
5	MP3A	Z	-13.404	6
6	MP3A	Mx	-.009	6
7	MP3B	X	0	1
8	MP3B	Z	-10.825	1
9	MP3B	Mx	.008	1
10	MP3B	X	0	6
11	MP3B	Z	-10.825	6
12	MP3B	Mx	.008	6
13	MP3C	X	0	1
14	MP3C	Z	-10.825	1
15	MP3C	Mx	-.001	1
16	MP3C	X	0	6
17	MP3C	Z	-10.825	6
18	MP3C	Mx	-.001	6
19	MP3A	X	0	1
20	MP3A	Z	-13.404	1
21	MP3A	Mx	.009	1
22	MP3A	X	0	6
23	MP3A	Z	-13.404	6
24	MP3A	Mx	.009	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP3B	X	0	1
26	MP3B	Z	-10.825	1
27	MP3B	Mx	.001	1
28	MP3B	X	0	6
29	MP3B	Z	-10.825	6
30	MP3B	Mx	.001	6
31	MP3C	X	0	1
32	MP3C	Z	-10.825	1
33	MP3C	Mx	-.008	1
34	MP3C	X	0	6
35	MP3C	Z	-10.825	6
36	MP3C	Mx	-.008	6
37	MP2A	X	0	2
38	MP2A	Z	-5.609	2
39	MP2A	Mx	0	2
40	MP2A	X	0	4
41	MP2A	Z	-5.609	4
42	MP2A	Mx	0	4
43	MP2B	X	0	2
44	MP2B	Z	-4.262	2
45	MP2B	Mx	.002	2
46	MP2B	X	0	4
47	MP2B	Z	-4.262	4
48	MP2B	Mx	.002	4
49	MP2C	X	0	2
50	MP2C	Z	-4.262	2
51	MP2C	Mx	-.002	2
52	MP2C	X	0	4
53	MP2C	Z	-4.262	4
54	MP2C	Mx	-.002	4
55	MP3A	X	0	2
56	MP3A	Z	-5.079	2
57	MP3A	Mx	0	2
58	MP3B	X	0	2
59	MP3B	Z	-3.816	2
60	MP3B	Mx	-.002	2
61	MP3C	X	0	2
62	MP3C	Z	-3.816	2
63	MP3C	Mx	.002	2
64	MP2A	X	0	1.5
65	MP2A	Z	-5.079	1.5
66	MP2A	Mx	0	1.5
67	MP2B	X	0	1.5
68	MP2B	Z	-3.332	1.5
69	MP2B	Mx	-.001	1.5
70	MP2C	X	0	1.5
71	MP2C	Z	-3.332	1.5
72	MP2C	Mx	.001	1.5
73	MP4A	X	0	2
74	MP4A	Z	-10.294	2
75	MP4A	Mx	0	2
76	MP1A	X	0	1
77	MP1A	Z	-13.255	1
78	MP1A	Mx	0	1
79	MP1A	X	0	5
80	MP1A	Z	-13.255	5
81	MP1A	Mx	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP1B	X	0	1
83	MP1B	Z	-12.077	1
84	MP1B	Mx	.005	1
85	MP1B	X	0	5
86	MP1B	Z	-12.077	5
87	MP1B	Mx	.005	5
88	MP1C	X	0	1
89	MP1C	Z	-12.077	1
90	MP1C	Mx	-.005	1
91	MP1C	X	0	5
92	MP1C	Z	-12.077	5
93	MP1C	Mx	-.005	5
94	MP5A	X	0	1
95	MP5A	Z	-13.255	1
96	MP5A	Mx	0	1
97	MP5A	X	0	5
98	MP5A	Z	-13.255	5
99	MP5A	Mx	0	5
100	MP5B	X	0	1
101	MP5B	Z	-12.077	1
102	MP5B	Mx	.005	1
103	MP5B	X	0	5
104	MP5B	Z	-12.077	5
105	MP5B	Mx	.005	5
106	MP5C	X	0	1
107	MP5C	Z	-12.077	1
108	MP5C	Mx	-.005	1
109	MP5C	X	0	5
110	MP5C	Z	-12.077	5
111	MP5C	Mx	-.005	5
112	M76	X	0	5
113	M76	Z	-5.929	5
114	M76	Mx	0	5
115	M76	X	0	2
116	M76	Z	-1.084	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	6.272	1
2	MP3A	Z	-10.864	1
3	MP3A	Mx	-.01	1
4	MP3A	X	6.272	6
5	MP3A	Z	-10.864	6
6	MP3A	Mx	-.01	6
7	MP3B	X	4.983	1
8	MP3B	Z	-8.63	1
9	MP3B	Mx	.005	1
10	MP3B	X	4.983	6
11	MP3B	Z	-8.63	6
12	MP3B	Mx	.005	6
13	MP3C	X	6.272	1
14	MP3C	Z	-10.864	1
15	MP3C	Mx	.004	1
16	MP3C	X	6.272	6
17	MP3C	Z	-10.864	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP3C	Mx	.004	6
19	MP3A	X	6.272	1
20	MP3A	Z	-10.864	1
21	MP3A	Mx	.004	1
22	MP3A	X	6.272	6
23	MP3A	Z	-10.864	6
24	MP3A	Mx	.004	6
25	MP3B	X	4.983	1
26	MP3B	Z	-8.63	1
27	MP3B	Mx	.005	1
28	MP3B	X	4.983	6
29	MP3B	Z	-8.63	6
30	MP3B	Mx	.005	6
31	MP3C	X	6.272	1
32	MP3C	Z	-10.864	1
33	MP3C	Mx	-.01	1
34	MP3C	X	6.272	6
35	MP3C	Z	-10.864	6
36	MP3C	Mx	-.01	6
37	MP2A	X	2.58	2
38	MP2A	Z	-4.469	2
39	MP2A	Mx	-.001	2
40	MP2A	X	2.58	4
41	MP2A	Z	-4.469	4
42	MP2A	Mx	-.001	4
43	MP2B	X	1.907	2
44	MP2B	Z	-3.303	2
45	MP2B	Mx	.002	2
46	MP2B	X	1.907	4
47	MP2B	Z	-3.303	4
48	MP2B	Mx	.002	4
49	MP2C	X	2.58	2
50	MP2C	Z	-4.469	2
51	MP2C	Mx	-.001	2
52	MP2C	X	2.58	4
53	MP2C	Z	-4.469	4
54	MP2C	Mx	-.001	4
55	MP3A	X	2.329	2
56	MP3A	Z	-4.034	2
57	MP3A	Mx	.001	2
58	MP3B	X	1.698	2
59	MP3B	Z	-2.94	2
60	MP3B	Mx	-.002	2
61	MP3C	X	2.329	2
62	MP3C	Z	-4.034	2
63	MP3C	Mx	.001	2
64	MP2A	X	2.248	1.5
65	MP2A	Z	-3.894	1.5
66	MP2A	Mx	.001	1.5
67	MP2B	X	1.375	1.5
68	MP2B	Z	-2.382	1.5
69	MP2B	Mx	-.001	1.5
70	MP2C	X	2.248	1.5
71	MP2C	Z	-3.894	1.5
72	MP2C	Mx	.001	1.5
73	MP4A	X	4.712	2
74	MP4A	Z	-8.162	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP4A	Mx	.002	2
76	MP1A	X	6.431	1
77	MP1A	Z	-11.139	1
78	MP1A	Mx	-.003	1
79	MP1A	X	6.431	5
80	MP1A	Z	-11.139	5
81	MP1A	Mx	-.003	5
82	MP1B	X	5.842	1
83	MP1B	Z	-10.119	1
84	MP1B	Mx	.006	1
85	MP1B	X	5.842	5
86	MP1B	Z	-10.119	5
87	MP1B	Mx	.006	5
88	MP1C	X	6.431	1
89	MP1C	Z	-11.139	1
90	MP1C	Mx	-.003	1
91	MP1C	X	6.431	5
92	MP1C	Z	-11.139	5
93	MP1C	Mx	-.003	5
94	MP5A	X	6.431	1
95	MP5A	Z	-11.139	1
96	MP5A	Mx	-.003	1
97	MP5A	X	6.431	5
98	MP5A	Z	-11.139	5
99	MP5A	Mx	-.003	5
100	MP5B	X	5.842	1
101	MP5B	Z	-10.119	1
102	MP5B	Mx	.006	1
103	MP5B	X	5.842	5
104	MP5B	Z	-10.119	5
105	MP5B	Mx	.006	5
106	MP5C	X	6.431	1
107	MP5C	Z	-11.139	1
108	MP5C	Mx	-.003	1
109	MP5C	X	6.431	5
110	MP5C	Z	-11.139	5
111	MP5C	Mx	-.003	5
112	M76	X	3.953	5
113	M76	Z	-6.847	5
114	M76	Mx	0	5
115	M76	X	.723	2
116	M76	Z	-1.252	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	9.375	1
2	MP3A	Z	-5.413	1
3	MP3A	Mx	-.008	1
4	MP3A	X	9.375	6
5	MP3A	Z	-5.413	6
6	MP3A	Mx	-.008	6
7	MP3B	X	9.375	1
8	MP3B	Z	-5.413	1
9	MP3B	Mx	.001	1
10	MP3B	X	9.375	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP3B	Z	-5.413	6
12	MP3B	Mx	.001	6
13	MP3C	X	11.608	1
14	MP3C	Z	-6.702	1
15	MP3C	Mx	.009	1
16	MP3C	X	11.608	6
17	MP3C	Z	-6.702	6
18	MP3C	Mx	.009	6
19	MP3A	X	9.375	1
20	MP3A	Z	-5.413	1
21	MP3A	Mx	-.001	1
22	MP3A	X	9.375	6
23	MP3A	Z	-5.413	6
24	MP3A	Mx	-.001	6
25	MP3B	X	9.375	1
26	MP3B	Z	-5.413	1
27	MP3B	Mx	.008	1
28	MP3B	X	9.375	6
29	MP3B	Z	-5.413	6
30	MP3B	Mx	.008	6
31	MP3C	X	11.608	1
32	MP3C	Z	-6.702	1
33	MP3C	Mx	-.009	1
34	MP3C	X	11.608	6
35	MP3C	Z	-6.702	6
36	MP3C	Mx	-.009	6
37	MP2A	X	3.691	2
38	MP2A	Z	-2.131	2
39	MP2A	Mx	-.002	2
40	MP2A	X	3.691	4
41	MP2A	Z	-2.131	4
42	MP2A	Mx	-.002	4
43	MP2B	X	3.691	2
44	MP2B	Z	-2.131	2
45	MP2B	Mx	.002	2
46	MP2B	X	3.691	4
47	MP2B	Z	-2.131	4
48	MP2B	Mx	.002	4
49	MP2C	X	4.857	2
50	MP2C	Z	-2.804	2
51	MP2C	Mx	0	2
52	MP2C	X	4.857	4
53	MP2C	Z	-2.804	4
54	MP2C	Mx	0	4
55	MP3A	X	3.305	2
56	MP3A	Z	-1.908	2
57	MP3A	Mx	.002	2
58	MP3B	X	3.305	2
59	MP3B	Z	-1.908	2
60	MP3B	Mx	-.002	2
61	MP3C	X	4.399	2
62	MP3C	Z	-2.54	2
63	MP3C	Mx	0	2
64	MP2A	X	2.886	1.5
65	MP2A	Z	-1.666	1.5
66	MP2A	Mx	.001	1.5
67	MP2B	X	2.886	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP2B	Z	-1.666	1.5
69	MP2B	Mx	-.001	1.5
70	MP2C	X	4.399	1.5
71	MP2C	Z	-2.54	1.5
72	MP2C	Mx	0	1.5
73	MP4A	X	6.655	2
74	MP4A	Z	-3.842	2
75	MP4A	Mx	.003	2
76	MP1A	X	10.459	1
77	MP1A	Z	-6.038	1
78	MP1A	Mx	-.005	1
79	MP1A	X	10.459	5
80	MP1A	Z	-6.038	5
81	MP1A	Mx	-.005	5
82	MP1B	X	10.459	1
83	MP1B	Z	-6.038	1
84	MP1B	Mx	.005	1
85	MP1B	X	10.459	5
86	MP1B	Z	-6.038	5
87	MP1B	Mx	.005	5
88	MP1C	X	11.479	1
89	MP1C	Z	-6.627	1
90	MP1C	Mx	0	1
91	MP1C	X	11.479	5
92	MP1C	Z	-6.627	5
93	MP1C	Mx	0	5
94	MP5A	X	10.459	1
95	MP5A	Z	-6.038	1
96	MP5A	Mx	-.005	1
97	MP5A	X	10.459	5
98	MP5A	Z	-6.038	5
99	MP5A	Mx	-.005	5
100	MP5B	X	10.459	1
101	MP5B	Z	-6.038	1
102	MP5B	Mx	.005	1
103	MP5B	X	10.459	5
104	MP5B	Z	-6.038	5
105	MP5B	Mx	.005	5
106	MP5C	X	11.479	1
107	MP5C	Z	-6.627	1
108	MP5C	Mx	0	1
109	MP5C	X	11.479	5
110	MP5C	Z	-6.627	5
111	MP5C	Mx	0	5
112	M76	X	5.135	5
113	M76	Z	-2.965	5
114	M76	Mx	0	5
115	M76	X	.939	2
116	M76	Z	-.542	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	9.966	1
2	MP3A	Z	0	1
3	MP3A	Mx	-.005	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP3A	X	9.966	6
5	MP3A	Z	0	6
6	MP3A	Mx	-.005	6
7	MP3B	X	12.545	1
8	MP3B	Z	0	1
9	MP3B	Mx	-.004	1
10	MP3B	X	12.545	6
11	MP3B	Z	0	6
12	MP3B	Mx	-.004	6
13	MP3C	X	12.545	1
14	MP3C	Z	0	1
15	MP3C	Mx	.01	1
16	MP3C	X	12.545	6
17	MP3C	Z	0	6
18	MP3C	Mx	.01	6
19	MP3A	X	9.966	1
20	MP3A	Z	0	1
21	MP3A	Mx	-.005	1
22	MP3A	X	9.966	6
23	MP3A	Z	0	6
24	MP3A	Mx	-.005	6
25	MP3B	X	12.545	1
26	MP3B	Z	0	1
27	MP3B	Mx	.01	1
28	MP3B	X	12.545	6
29	MP3B	Z	0	6
30	MP3B	Mx	.01	6
31	MP3C	X	12.545	1
32	MP3C	Z	0	1
33	MP3C	Mx	-.004	1
34	MP3C	X	12.545	6
35	MP3C	Z	0	6
36	MP3C	Mx	-.004	6
37	MP2A	X	3.814	2
38	MP2A	Z	0	2
39	MP2A	Mx	-.002	2
40	MP2A	X	3.814	4
41	MP2A	Z	0	4
42	MP2A	Mx	-.002	4
43	MP2B	X	5.16	2
44	MP2B	Z	0	2
45	MP2B	Mx	.001	2
46	MP2B	X	5.16	4
47	MP2B	Z	0	4
48	MP2B	Mx	.001	4
49	MP2C	X	5.16	2
50	MP2C	Z	0	2
51	MP2C	Mx	.001	2
52	MP2C	X	5.16	4
53	MP2C	Z	0	4
54	MP2C	Mx	.001	4
55	MP3A	X	3.395	2
56	MP3A	Z	0	2
57	MP3A	Mx	.002	2
58	MP3B	X	4.658	2
59	MP3B	Z	0	2
60	MP3B	Mx	-.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP3C	X	4.658	2
62	MP3C	Z	0	2
63	MP3C	Mx	-.001	2
64	MP2A	X	2.75	1.5
65	MP2A	Z	0	1.5
66	MP2A	Mx	.001	1.5
67	MP2B	X	4.497	1.5
68	MP2B	Z	0	1.5
69	MP2B	Mx	-.001	1.5
70	MP2C	X	4.497	1.5
71	MP2C	Z	0	1.5
72	MP2C	Mx	-.001	1.5
73	MP4A	X	6.814	2
74	MP4A	Z	0	2
75	MP4A	Mx	.003	2
76	MP1A	X	11.684	1
77	MP1A	Z	0	1
78	MP1A	Mx	-.006	1
79	MP1A	X	11.684	5
80	MP1A	Z	0	5
81	MP1A	Mx	-.006	5
82	MP1B	X	12.862	1
83	MP1B	Z	0	1
84	MP1B	Mx	.003	1
85	MP1B	X	12.862	5
86	MP1B	Z	0	5
87	MP1B	Mx	.003	5
88	MP1C	X	12.862	1
89	MP1C	Z	0	1
90	MP1C	Mx	.003	1
91	MP1C	X	12.862	5
92	MP1C	Z	0	5
93	MP1C	Mx	.003	5
94	MP5A	X	11.684	1
95	MP5A	Z	0	1
96	MP5A	Mx	-.006	1
97	MP5A	X	11.684	5
98	MP5A	Z	0	5
99	MP5A	Mx	-.006	5
100	MP5B	X	12.862	1
101	MP5B	Z	0	1
102	MP5B	Mx	.003	1
103	MP5B	X	12.862	5
104	MP5B	Z	0	5
105	MP5B	Mx	.003	5
106	MP5C	X	12.862	1
107	MP5C	Z	0	1
108	MP5C	Mx	.003	1
109	MP5C	X	12.862	5
110	MP5C	Z	0	5
111	MP5C	Mx	.003	5
112	M76	X	1.976	5
113	M76	Z	0	5
114	M76	Mx	0	5
115	M76	X	.361	2
116	M76	Z	0	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	9.375	1
2	MP3A	Z	5.413	1
3	MP3A	Mx	-.001	1
4	MP3A	X	9.375	6
5	MP3A	Z	5.413	6
6	MP3A	Mx	-.001	6
7	MP3B	X	11.608	1
8	MP3B	Z	6.702	1
9	MP3B	Mx	-.009	1
10	MP3B	X	11.608	6
11	MP3B	Z	6.702	6
12	MP3B	Mx	-.009	6
13	MP3C	X	9.375	1
14	MP3C	Z	5.413	1
15	MP3C	Mx	.008	1
16	MP3C	X	9.375	6
17	MP3C	Z	5.413	6
18	MP3C	Mx	.008	6
19	MP3A	X	9.375	1
20	MP3A	Z	5.413	1
21	MP3A	Mx	-.008	1
22	MP3A	X	9.375	6
23	MP3A	Z	5.413	6
24	MP3A	Mx	-.008	6
25	MP3B	X	11.608	1
26	MP3B	Z	6.702	1
27	MP3B	Mx	.009	1
28	MP3B	X	11.608	6
29	MP3B	Z	6.702	6
30	MP3B	Mx	.009	6
31	MP3C	X	9.375	1
32	MP3C	Z	5.413	1
33	MP3C	Mx	.001	1
34	MP3C	X	9.375	6
35	MP3C	Z	5.413	6
36	MP3C	Mx	.001	6
37	MP2A	X	3.691	2
38	MP2A	Z	2.131	2
39	MP2A	Mx	-.002	2
40	MP2A	X	3.691	4
41	MP2A	Z	2.131	4
42	MP2A	Mx	-.002	4
43	MP2B	X	4.857	2
44	MP2B	Z	2.804	2
45	MP2B	Mx	0	2
46	MP2B	X	4.857	4
47	MP2B	Z	2.804	4
48	MP2B	Mx	0	4
49	MP2C	X	3.691	2
50	MP2C	Z	2.131	2
51	MP2C	Mx	.002	2
52	MP2C	X	3.691	4
53	MP2C	Z	2.131	4
54	MP2C	Mx	.002	4
55	MP3A	X	3.305	2
56	MP3A	Z	1.908	2
57	MP3A	Mx	.002	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	4.399	2
59	MP3B	Z	2.54	2
60	MP3B	Mx	0	2
61	MP3C	X	3.305	2
62	MP3C	Z	1.908	2
63	MP3C	Mx	-.002	2
64	MP2A	X	2.886	1.5
65	MP2A	Z	1.666	1.5
66	MP2A	Mx	.001	1.5
67	MP2B	X	4.399	1.5
68	MP2B	Z	2.54	1.5
69	MP2B	Mx	0	1.5
70	MP2C	X	2.886	1.5
71	MP2C	Z	1.666	1.5
72	MP2C	Mx	-.001	1.5
73	MP4A	X	6.655	2
74	MP4A	Z	3.842	2
75	MP4A	Mx	.003	2
76	MP1A	X	10.459	1
77	MP1A	Z	6.038	1
78	MP1A	Mx	-.005	1
79	MP1A	X	10.459	5
80	MP1A	Z	6.038	5
81	MP1A	Mx	-.005	5
82	MP1B	X	11.479	1
83	MP1B	Z	6.627	1
84	MP1B	Mx	0	1
85	MP1B	X	11.479	5
86	MP1B	Z	6.627	5
87	MP1B	Mx	0	5
88	MP1C	X	10.459	1
89	MP1C	Z	6.038	1
90	MP1C	Mx	.005	1
91	MP1C	X	10.459	5
92	MP1C	Z	6.038	5
93	MP1C	Mx	.005	5
94	MP5A	X	10.459	1
95	MP5A	Z	6.038	1
96	MP5A	Mx	-.005	1
97	MP5A	X	10.459	5
98	MP5A	Z	6.038	5
99	MP5A	Mx	-.005	5
100	MP5B	X	11.479	1
101	MP5B	Z	6.627	1
102	MP5B	Mx	0	1
103	MP5B	X	11.479	5
104	MP5B	Z	6.627	5
105	MP5B	Mx	0	5
106	MP5C	X	10.459	1
107	MP5C	Z	6.038	1
108	MP5C	Mx	.005	1
109	MP5C	X	10.459	5
110	MP5C	Z	6.038	5
111	MP5C	Mx	.005	5
112	M76	X	0	5
113	M76	Z	0	5
114	M76	Mx	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	M76	X	0	2
116	M76	Z	0	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	6.272	1
2	MP3A	Z	10.864	1
3	MP3A	Mx	.004	1
4	MP3A	X	6.272	6
5	MP3A	Z	10.864	6
6	MP3A	Mx	.004	6
7	MP3B	X	6.272	1
8	MP3B	Z	10.864	1
9	MP3B	Mx	-.01	1
10	MP3B	X	6.272	6
11	MP3B	Z	10.864	6
12	MP3B	Mx	-.01	6
13	MP3C	X	4.983	1
14	MP3C	Z	8.63	1
15	MP3C	Mx	.005	1
16	MP3C	X	4.983	6
17	MP3C	Z	8.63	6
18	MP3C	Mx	.005	6
19	MP3A	X	6.272	1
20	MP3A	Z	10.864	1
21	MP3A	Mx	-.01	1
22	MP3A	X	6.272	6
23	MP3A	Z	10.864	6
24	MP3A	Mx	-.01	6
25	MP3B	X	6.272	1
26	MP3B	Z	10.864	1
27	MP3B	Mx	.004	1
28	MP3B	X	6.272	6
29	MP3B	Z	10.864	6
30	MP3B	Mx	.004	6
31	MP3C	X	4.983	1
32	MP3C	Z	8.63	1
33	MP3C	Mx	.005	1
34	MP3C	X	4.983	6
35	MP3C	Z	8.63	6
36	MP3C	Mx	.005	6
37	MP2A	X	2.58	2
38	MP2A	Z	4.469	2
39	MP2A	Mx	-.001	2
40	MP2A	X	2.58	4
41	MP2A	Z	4.469	4
42	MP2A	Mx	-.001	4
43	MP2B	X	2.58	2
44	MP2B	Z	4.469	2
45	MP2B	Mx	-.001	2
46	MP2B	X	2.58	4
47	MP2B	Z	4.469	4
48	MP2B	Mx	-.001	4
49	MP2C	X	1.907	2
50	MP2C	Z	3.303	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP2C	Mx	.002	2
52	MP2C	X	1.907	4
53	MP2C	Z	3.303	4
54	MP2C	Mx	.002	4
55	MP3A	X	2.329	2
56	MP3A	Z	4.034	2
57	MP3A	Mx	.001	2
58	MP3B	X	2.329	2
59	MP3B	Z	4.034	2
60	MP3B	Mx	.001	2
61	MP3C	X	1.698	2
62	MP3C	Z	2.94	2
63	MP3C	Mx	-.002	2
64	MP2A	X	2.248	1.5
65	MP2A	Z	3.894	1.5
66	MP2A	Mx	.001	1.5
67	MP2B	X	2.248	1.5
68	MP2B	Z	3.894	1.5
69	MP2B	Mx	.001	1.5
70	MP2C	X	1.375	1.5
71	MP2C	Z	2.382	1.5
72	MP2C	Mx	-.001	1.5
73	MP4A	X	4.712	2
74	MP4A	Z	8.162	2
75	MP4A	Mx	.002	2
76	MP1A	X	6.431	1
77	MP1A	Z	11.139	1
78	MP1A	Mx	-.003	1
79	MP1A	X	6.431	5
80	MP1A	Z	11.139	5
81	MP1A	Mx	-.003	5
82	MP1B	X	6.431	1
83	MP1B	Z	11.139	1
84	MP1B	Mx	-.003	1
85	MP1B	X	6.431	5
86	MP1B	Z	11.139	5
87	MP1B	Mx	-.003	5
88	MP1C	X	5.842	1
89	MP1C	Z	10.119	1
90	MP1C	Mx	.006	1
91	MP1C	X	5.842	5
92	MP1C	Z	10.119	5
93	MP1C	Mx	.006	5
94	MP5A	X	6.431	1
95	MP5A	Z	11.139	1
96	MP5A	Mx	-.003	1
97	MP5A	X	6.431	5
98	MP5A	Z	11.139	5
99	MP5A	Mx	-.003	5
100	MP5B	X	6.431	1
101	MP5B	Z	11.139	1
102	MP5B	Mx	-.003	1
103	MP5B	X	6.431	5
104	MP5B	Z	11.139	5
105	MP5B	Mx	-.003	5
106	MP5C	X	5.842	1
107	MP5C	Z	10.119	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
108	MP5C	Mx	.006	1
109	MP5C	X	5.842	5
110	MP5C	Z	10.119	5
111	MP5C	Mx	.006	5
112	M76	X	.988	5
113	M76	Z	1.712	5
114	M76	Mx	0	5
115	M76	X	.181	2
116	M76	Z	.313	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1
2	MP3A	Z	13.404	1
3	MP3A	Mx	.009	1
4	MP3A	X	0	6
5	MP3A	Z	13.404	6
6	MP3A	Mx	.009	6
7	MP3B	X	0	1
8	MP3B	Z	10.825	1
9	MP3B	Mx	-.008	1
10	MP3B	X	0	6
11	MP3B	Z	10.825	6
12	MP3B	Mx	-.008	6
13	MP3C	X	0	1
14	MP3C	Z	10.825	1
15	MP3C	Mx	.001	1
16	MP3C	X	0	6
17	MP3C	Z	10.825	6
18	MP3C	Mx	.001	6
19	MP3A	X	0	1
20	MP3A	Z	13.404	1
21	MP3A	Mx	-.009	1
22	MP3A	X	0	6
23	MP3A	Z	13.404	6
24	MP3A	Mx	-.009	6
25	MP3B	X	0	1
26	MP3B	Z	10.825	1
27	MP3B	Mx	-.001	1
28	MP3B	X	0	6
29	MP3B	Z	10.825	6
30	MP3B	Mx	-.001	6
31	MP3C	X	0	1
32	MP3C	Z	10.825	1
33	MP3C	Mx	.008	1
34	MP3C	X	0	6
35	MP3C	Z	10.825	6
36	MP3C	Mx	.008	6
37	MP2A	X	0	2
38	MP2A	Z	5.609	2
39	MP2A	Mx	0	2
40	MP2A	X	0	4
41	MP2A	Z	5.609	4
42	MP2A	Mx	0	4
43	MP2B	X	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP2B	Z	4.262	2
45	MP2B	Mx	-.002	2
46	MP2B	X	0	4
47	MP2B	Z	4.262	4
48	MP2B	Mx	-.002	4
49	MP2C	X	0	2
50	MP2C	Z	4.262	2
51	MP2C	Mx	.002	2
52	MP2C	X	0	4
53	MP2C	Z	4.262	4
54	MP2C	Mx	.002	4
55	MP3A	X	0	2
56	MP3A	Z	5.079	2
57	MP3A	Mx	0	2
58	MP3B	X	0	2
59	MP3B	Z	3.816	2
60	MP3B	Mx	.002	2
61	MP3C	X	0	2
62	MP3C	Z	3.816	2
63	MP3C	Mx	-.002	2
64	MP2A	X	0	1.5
65	MP2A	Z	5.079	1.5
66	MP2A	Mx	0	1.5
67	MP2B	X	0	1.5
68	MP2B	Z	3.332	1.5
69	MP2B	Mx	.001	1.5
70	MP2C	X	0	1.5
71	MP2C	Z	3.332	1.5
72	MP2C	Mx	-.001	1.5
73	MP4A	X	0	2
74	MP4A	Z	10.294	2
75	MP4A	Mx	0	2
76	MP1A	X	0	1
77	MP1A	Z	13.255	1
78	MP1A	Mx	0	1
79	MP1A	X	0	5
80	MP1A	Z	13.255	5
81	MP1A	Mx	0	5
82	MP1B	X	0	1
83	MP1B	Z	12.077	1
84	MP1B	Mx	-.005	1
85	MP1B	X	0	5
86	MP1B	Z	12.077	5
87	MP1B	Mx	-.005	5
88	MP1C	X	0	1
89	MP1C	Z	12.077	1
90	MP1C	Mx	.005	1
91	MP1C	X	0	5
92	MP1C	Z	12.077	5
93	MP1C	Mx	.005	5
94	MP5A	X	0	1
95	MP5A	Z	13.255	1
96	MP5A	Mx	0	1
97	MP5A	X	0	5
98	MP5A	Z	13.255	5
99	MP5A	Mx	0	5
100	MP5B	X	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP5B	Z	12.077	1
102	MP5B	Mx	-.005	1
103	MP5B	X	0	5
104	MP5B	Z	12.077	5
105	MP5B	Mx	-.005	5
106	MP5C	X	0	1
107	MP5C	Z	12.077	1
108	MP5C	Mx	.005	1
109	MP5C	X	0	5
110	MP5C	Z	12.077	5
111	MP5C	Mx	.005	5
112	M76	X	0	5
113	M76	Z	5.929	5
114	M76	Mx	0	5
115	M76	X	0	2
116	M76	Z	1.084	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-6.272	1
2	MP3A	Z	10.864	1
3	MP3A	Mx	.01	1
4	MP3A	X	-6.272	6
5	MP3A	Z	10.864	6
6	MP3A	Mx	.01	6
7	MP3B	X	-4.983	1
8	MP3B	Z	8.63	1
9	MP3B	Mx	-.005	1
10	MP3B	X	-4.983	6
11	MP3B	Z	8.63	6
12	MP3B	Mx	-.005	6
13	MP3C	X	-6.272	1
14	MP3C	Z	10.864	1
15	MP3C	Mx	-.004	1
16	MP3C	X	-6.272	6
17	MP3C	Z	10.864	6
18	MP3C	Mx	-.004	6
19	MP3A	X	-6.272	1
20	MP3A	Z	10.864	1
21	MP3A	Mx	-.004	1
22	MP3A	X	-6.272	6
23	MP3A	Z	10.864	6
24	MP3A	Mx	-.004	6
25	MP3B	X	-4.983	1
26	MP3B	Z	8.63	1
27	MP3B	Mx	-.005	1
28	MP3B	X	-4.983	6
29	MP3B	Z	8.63	6
30	MP3B	Mx	-.005	6
31	MP3C	X	-6.272	1
32	MP3C	Z	10.864	1
33	MP3C	Mx	.01	1
34	MP3C	X	-6.272	6
35	MP3C	Z	10.864	6
36	MP3C	Mx	.01	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP2A	X	-2.58	2
38	MP2A	Z	4.469	2
39	MP2A	Mx	.001	2
40	MP2A	X	-2.58	4
41	MP2A	Z	4.469	4
42	MP2A	Mx	.001	4
43	MP2B	X	-1.907	2
44	MP2B	Z	3.303	2
45	MP2B	Mx	-.002	2
46	MP2B	X	-1.907	4
47	MP2B	Z	3.303	4
48	MP2B	Mx	-.002	4
49	MP2C	X	-2.58	2
50	MP2C	Z	4.469	2
51	MP2C	Mx	.001	2
52	MP2C	X	-2.58	4
53	MP2C	Z	4.469	4
54	MP2C	Mx	.001	4
55	MP3A	X	-2.329	2
56	MP3A	Z	4.034	2
57	MP3A	Mx	-.001	2
58	MP3B	X	-1.698	2
59	MP3B	Z	2.94	2
60	MP3B	Mx	.002	2
61	MP3C	X	-2.329	2
62	MP3C	Z	4.034	2
63	MP3C	Mx	-.001	2
64	MP2A	X	-2.248	1.5
65	MP2A	Z	3.894	1.5
66	MP2A	Mx	-.001	1.5
67	MP2B	X	-1.375	1.5
68	MP2B	Z	2.382	1.5
69	MP2B	Mx	.001	1.5
70	MP2C	X	-2.248	1.5
71	MP2C	Z	3.894	1.5
72	MP2C	Mx	-.001	1.5
73	MP4A	X	-4.712	2
74	MP4A	Z	8.162	2
75	MP4A	Mx	-.002	2
76	MP1A	X	-6.431	1
77	MP1A	Z	11.139	1
78	MP1A	Mx	.003	1
79	MP1A	X	-6.431	5
80	MP1A	Z	11.139	5
81	MP1A	Mx	.003	5
82	MP1B	X	-5.842	1
83	MP1B	Z	10.119	1
84	MP1B	Mx	-.006	1
85	MP1B	X	-5.842	5
86	MP1B	Z	10.119	5
87	MP1B	Mx	-.006	5
88	MP1C	X	-6.431	1
89	MP1C	Z	11.139	1
90	MP1C	Mx	.003	1
91	MP1C	X	-6.431	5
92	MP1C	Z	11.139	5
93	MP1C	Mx	.003	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP5A	X	-6.431	1
95	MP5A	Z	11.139	1
96	MP5A	Mx	.003	1
97	MP5A	X	-6.431	5
98	MP5A	Z	11.139	5
99	MP5A	Mx	.003	5
100	MP5B	X	-5.842	1
101	MP5B	Z	10.119	1
102	MP5B	Mx	-.006	1
103	MP5B	X	-5.842	5
104	MP5B	Z	10.119	5
105	MP5B	Mx	-.006	5
106	MP5C	X	-6.431	1
107	MP5C	Z	11.139	1
108	MP5C	Mx	.003	1
109	MP5C	X	-6.431	5
110	MP5C	Z	11.139	5
111	MP5C	Mx	.003	5
112	M76	X	-3.953	5
113	M76	Z	6.847	5
114	M76	Mx	0	5
115	M76	X	-.723	2
116	M76	Z	1.252	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-9.375	1
2	MP3A	Z	5.413	1
3	MP3A	Mx	.008	1
4	MP3A	X	-9.375	6
5	MP3A	Z	5.413	6
6	MP3A	Mx	.008	6
7	MP3B	X	-9.375	1
8	MP3B	Z	5.413	1
9	MP3B	Mx	-.001	1
10	MP3B	X	-9.375	6
11	MP3B	Z	5.413	6
12	MP3B	Mx	-.001	6
13	MP3C	X	-11.608	1
14	MP3C	Z	6.702	1
15	MP3C	Mx	-.009	1
16	MP3C	X	-11.608	6
17	MP3C	Z	6.702	6
18	MP3C	Mx	-.009	6
19	MP3A	X	-9.375	1
20	MP3A	Z	5.413	1
21	MP3A	Mx	.001	1
22	MP3A	X	-9.375	6
23	MP3A	Z	5.413	6
24	MP3A	Mx	.001	6
25	MP3B	X	-9.375	1
26	MP3B	Z	5.413	1
27	MP3B	Mx	-.008	1
28	MP3B	X	-9.375	6
29	MP3B	Z	5.413	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP3B	Mx	-.008	6
31	MP3C	X	-11.608	1
32	MP3C	Z	6.702	1
33	MP3C	Mx	.009	1
34	MP3C	X	-11.608	6
35	MP3C	Z	6.702	6
36	MP3C	Mx	.009	6
37	MP2A	X	-3.691	2
38	MP2A	Z	2.131	2
39	MP2A	Mx	.002	2
40	MP2A	X	-3.691	4
41	MP2A	Z	2.131	4
42	MP2A	Mx	.002	4
43	MP2B	X	-3.691	2
44	MP2B	Z	2.131	2
45	MP2B	Mx	-.002	2
46	MP2B	X	-3.691	4
47	MP2B	Z	2.131	4
48	MP2B	Mx	-.002	4
49	MP2C	X	-4.857	2
50	MP2C	Z	2.804	2
51	MP2C	Mx	0	2
52	MP2C	X	-4.857	4
53	MP2C	Z	2.804	4
54	MP2C	Mx	0	4
55	MP3A	X	-3.305	2
56	MP3A	Z	1.908	2
57	MP3A	Mx	-.002	2
58	MP3B	X	-3.305	2
59	MP3B	Z	1.908	2
60	MP3B	Mx	.002	2
61	MP3C	X	-4.399	2
62	MP3C	Z	2.54	2
63	MP3C	Mx	0	2
64	MP2A	X	-2.886	1.5
65	MP2A	Z	1.666	1.5
66	MP2A	Mx	-.001	1.5
67	MP2B	X	-2.886	1.5
68	MP2B	Z	1.666	1.5
69	MP2B	Mx	.001	1.5
70	MP2C	X	-4.399	1.5
71	MP2C	Z	2.54	1.5
72	MP2C	Mx	0	1.5
73	MP4A	X	-6.655	2
74	MP4A	Z	3.842	2
75	MP4A	Mx	-.003	2
76	MP1A	X	-10.459	1
77	MP1A	Z	6.038	1
78	MP1A	Mx	.005	1
79	MP1A	X	-10.459	5
80	MP1A	Z	6.038	5
81	MP1A	Mx	.005	5
82	MP1B	X	-10.459	1
83	MP1B	Z	6.038	1
84	MP1B	Mx	-.005	1
85	MP1B	X	-10.459	5
86	MP1B	Z	6.038	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP1B	Mx	-.005	5
88	MP1C	X	-11.479	1
89	MP1C	Z	6.627	1
90	MP1C	Mx	0	1
91	MP1C	X	-11.479	5
92	MP1C	Z	6.627	5
93	MP1C	Mx	0	5
94	MP5A	X	-10.459	1
95	MP5A	Z	6.038	1
96	MP5A	Mx	.005	1
97	MP5A	X	-10.459	5
98	MP5A	Z	6.038	5
99	MP5A	Mx	.005	5
100	MP5B	X	-10.459	1
101	MP5B	Z	6.038	1
102	MP5B	Mx	-.005	1
103	MP5B	X	-10.459	5
104	MP5B	Z	6.038	5
105	MP5B	Mx	-.005	5
106	MP5C	X	-11.479	1
107	MP5C	Z	6.627	1
108	MP5C	Mx	0	1
109	MP5C	X	-11.479	5
110	MP5C	Z	6.627	5
111	MP5C	Mx	0	5
112	M76	X	-5.135	5
113	M76	Z	2.965	5
114	M76	Mx	0	5
115	M76	X	-.939	2
116	M76	Z	.542	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-9.966	1
2	MP3A	Z	0	1
3	MP3A	Mx	.005	1
4	MP3A	X	-9.966	6
5	MP3A	Z	0	6
6	MP3A	Mx	.005	6
7	MP3B	X	-12.545	1
8	MP3B	Z	0	1
9	MP3B	Mx	.004	1
10	MP3B	X	-12.545	6
11	MP3B	Z	0	6
12	MP3B	Mx	.004	6
13	MP3C	X	-12.545	1
14	MP3C	Z	0	1
15	MP3C	Mx	-.01	1
16	MP3C	X	-12.545	6
17	MP3C	Z	0	6
18	MP3C	Mx	-.01	6
19	MP3A	X	-9.966	1
20	MP3A	Z	0	1
21	MP3A	Mx	.005	1
22	MP3A	X	-9.966	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP3A	Z	0	6
24	MP3A	Mx	.005	6
25	MP3B	X	-12.545	1
26	MP3B	Z	0	1
27	MP3B	Mx	-.01	1
28	MP3B	X	-12.545	6
29	MP3B	Z	0	6
30	MP3B	Mx	-.01	6
31	MP3C	X	-12.545	1
32	MP3C	Z	0	1
33	MP3C	Mx	.004	1
34	MP3C	X	-12.545	6
35	MP3C	Z	0	6
36	MP3C	Mx	.004	6
37	MP2A	X	-3.814	2
38	MP2A	Z	0	2
39	MP2A	Mx	.002	2
40	MP2A	X	-3.814	4
41	MP2A	Z	0	4
42	MP2A	Mx	.002	4
43	MP2B	X	-5.16	2
44	MP2B	Z	0	2
45	MP2B	Mx	-.001	2
46	MP2B	X	-5.16	4
47	MP2B	Z	0	4
48	MP2B	Mx	-.001	4
49	MP2C	X	-5.16	2
50	MP2C	Z	0	2
51	MP2C	Mx	-.001	2
52	MP2C	X	-5.16	4
53	MP2C	Z	0	4
54	MP2C	Mx	-.001	4
55	MP3A	X	-3.395	2
56	MP3A	Z	0	2
57	MP3A	Mx	-.002	2
58	MP3B	X	-4.658	2
59	MP3B	Z	0	2
60	MP3B	Mx	.001	2
61	MP3C	X	-4.658	2
62	MP3C	Z	0	2
63	MP3C	Mx	.001	2
64	MP2A	X	-2.75	1.5
65	MP2A	Z	0	1.5
66	MP2A	Mx	-.001	1.5
67	MP2B	X	-4.497	1.5
68	MP2B	Z	0	1.5
69	MP2B	Mx	.001	1.5
70	MP2C	X	-4.497	1.5
71	MP2C	Z	0	1.5
72	MP2C	Mx	.001	1.5
73	MP4A	X	-6.814	2
74	MP4A	Z	0	2
75	MP4A	Mx	-.003	2
76	MP1A	X	-11.684	1
77	MP1A	Z	0	1
78	MP1A	Mx	.006	1
79	MP1A	X	-11.684	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP1A	Z	0	5
81	MP1A	Mx	.006	5
82	MP1B	X	-12.862	1
83	MP1B	Z	0	1
84	MP1B	Mx	-.003	1
85	MP1B	X	-12.862	5
86	MP1B	Z	0	5
87	MP1B	Mx	-.003	5
88	MP1C	X	-12.862	1
89	MP1C	Z	0	1
90	MP1C	Mx	-.003	1
91	MP1C	X	-12.862	5
92	MP1C	Z	0	5
93	MP1C	Mx	-.003	5
94	MP5A	X	-11.684	1
95	MP5A	Z	0	1
96	MP5A	Mx	.006	1
97	MP5A	X	-11.684	5
98	MP5A	Z	0	5
99	MP5A	Mx	.006	5
100	MP5B	X	-12.862	1
101	MP5B	Z	0	1
102	MP5B	Mx	-.003	1
103	MP5B	X	-12.862	5
104	MP5B	Z	0	5
105	MP5B	Mx	-.003	5
106	MP5C	X	-12.862	1
107	MP5C	Z	0	1
108	MP5C	Mx	-.003	1
109	MP5C	X	-12.862	5
110	MP5C	Z	0	5
111	MP5C	Mx	-.003	5
112	M76	X	-1.976	5
113	M76	Z	0	5
114	M76	Mx	0	5
115	M76	X	-.361	2
116	M76	Z	0	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-9.375	1
2	MP3A	Z	-5.413	1
3	MP3A	Mx	.001	1
4	MP3A	X	-9.375	6
5	MP3A	Z	-5.413	6
6	MP3A	Mx	.001	6
7	MP3B	X	-11.608	1
8	MP3B	Z	-6.702	1
9	MP3B	Mx	.009	1
10	MP3B	X	-11.608	6
11	MP3B	Z	-6.702	6
12	MP3B	Mx	.009	6
13	MP3C	X	-9.375	1
14	MP3C	Z	-5.413	1
15	MP3C	Mx	-.008	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP3C	X	-9.375	6
17	MP3C	Z	-5.413	6
18	MP3C	Mx	-.008	6
19	MP3A	X	-9.375	1
20	MP3A	Z	-5.413	1
21	MP3A	Mx	.008	1
22	MP3A	X	-9.375	6
23	MP3A	Z	-5.413	6
24	MP3A	Mx	.008	6
25	MP3B	X	-11.608	1
26	MP3B	Z	-6.702	1
27	MP3B	Mx	-.009	1
28	MP3B	X	-11.608	6
29	MP3B	Z	-6.702	6
30	MP3B	Mx	-.009	6
31	MP3C	X	-9.375	1
32	MP3C	Z	-5.413	1
33	MP3C	Mx	-.001	1
34	MP3C	X	-9.375	6
35	MP3C	Z	-5.413	6
36	MP3C	Mx	-.001	6
37	MP2A	X	-3.691	2
38	MP2A	Z	-2.131	2
39	MP2A	Mx	.002	2
40	MP2A	X	-3.691	4
41	MP2A	Z	-2.131	4
42	MP2A	Mx	.002	4
43	MP2B	X	-4.857	2
44	MP2B	Z	-2.804	2
45	MP2B	Mx	0	2
46	MP2B	X	-4.857	4
47	MP2B	Z	-2.804	4
48	MP2B	Mx	0	4
49	MP2C	X	-3.691	2
50	MP2C	Z	-2.131	2
51	MP2C	Mx	-.002	2
52	MP2C	X	-3.691	4
53	MP2C	Z	-2.131	4
54	MP2C	Mx	-.002	4
55	MP3A	X	-3.305	2
56	MP3A	Z	-1.908	2
57	MP3A	Mx	-.002	2
58	MP3B	X	-4.399	2
59	MP3B	Z	-2.54	2
60	MP3B	Mx	0	2
61	MP3C	X	-3.305	2
62	MP3C	Z	-1.908	2
63	MP3C	Mx	.002	2
64	MP2A	X	-2.886	1.5
65	MP2A	Z	-1.666	1.5
66	MP2A	Mx	-.001	1.5
67	MP2B	X	-4.399	1.5
68	MP2B	Z	-2.54	1.5
69	MP2B	Mx	0	1.5
70	MP2C	X	-2.886	1.5
71	MP2C	Z	-1.666	1.5
72	MP2C	Mx	.001	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP4A	X	-6.655	2
74	MP4A	Z	-3.842	2
75	MP4A	Mx	-.003	2
76	MP1A	X	-10.459	1
77	MP1A	Z	-6.038	1
78	MP1A	Mx	.005	1
79	MP1A	X	-10.459	5
80	MP1A	Z	-6.038	5
81	MP1A	Mx	.005	5
82	MP1B	X	-11.479	1
83	MP1B	Z	-6.627	1
84	MP1B	Mx	0	1
85	MP1B	X	-11.479	5
86	MP1B	Z	-6.627	5
87	MP1B	Mx	0	5
88	MP1C	X	-10.459	1
89	MP1C	Z	-6.038	1
90	MP1C	Mx	-.005	1
91	MP1C	X	-10.459	5
92	MP1C	Z	-6.038	5
93	MP1C	Mx	-.005	5
94	MP5A	X	-10.459	1
95	MP5A	Z	-6.038	1
96	MP5A	Mx	.005	1
97	MP5A	X	-10.459	5
98	MP5A	Z	-6.038	5
99	MP5A	Mx	.005	5
100	MP5B	X	-11.479	1
101	MP5B	Z	-6.627	1
102	MP5B	Mx	0	1
103	MP5B	X	-11.479	5
104	MP5B	Z	-6.627	5
105	MP5B	Mx	0	5
106	MP5C	X	-10.459	1
107	MP5C	Z	-6.038	1
108	MP5C	Mx	-.005	1
109	MP5C	X	-10.459	5
110	MP5C	Z	-6.038	5
111	MP5C	Mx	-.005	5
112	M76	X	0	5
113	M76	Z	0	5
114	M76	Mx	0	5
115	M76	X	0	2
116	M76	Z	0	2
117	M76	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-6.272	1
2	MP3A	Z	-10.864	1
3	MP3A	Mx	-.004	1
4	MP3A	X	-6.272	6
5	MP3A	Z	-10.864	6
6	MP3A	Mx	-.004	6
7	MP3B	X	-6.272	1
8	MP3B	Z	-10.864	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP3B	Mx	.01	1
10	MP3B	X	-6.272	6
11	MP3B	Z	-10.864	6
12	MP3B	Mx	.01	6
13	MP3C	X	-4.983	1
14	MP3C	Z	-8.63	1
15	MP3C	Mx	-.005	1
16	MP3C	X	-4.983	6
17	MP3C	Z	-8.63	6
18	MP3C	Mx	-.005	6
19	MP3A	X	-6.272	1
20	MP3A	Z	-10.864	1
21	MP3A	Mx	.01	1
22	MP3A	X	-6.272	6
23	MP3A	Z	-10.864	6
24	MP3A	Mx	.01	6
25	MP3B	X	-6.272	1
26	MP3B	Z	-10.864	1
27	MP3B	Mx	-.004	1
28	MP3B	X	-6.272	6
29	MP3B	Z	-10.864	6
30	MP3B	Mx	-.004	6
31	MP3C	X	-4.983	1
32	MP3C	Z	-8.63	1
33	MP3C	Mx	-.005	1
34	MP3C	X	-4.983	6
35	MP3C	Z	-8.63	6
36	MP3C	Mx	-.005	6
37	MP2A	X	-2.58	2
38	MP2A	Z	-4.469	2
39	MP2A	Mx	.001	2
40	MP2A	X	-2.58	4
41	MP2A	Z	-4.469	4
42	MP2A	Mx	.001	4
43	MP2B	X	-2.58	2
44	MP2B	Z	-4.469	2
45	MP2B	Mx	.001	2
46	MP2B	X	-2.58	4
47	MP2B	Z	-4.469	4
48	MP2B	Mx	.001	4
49	MP2C	X	-1.907	2
50	MP2C	Z	-3.303	2
51	MP2C	Mx	-.002	2
52	MP2C	X	-1.907	4
53	MP2C	Z	-3.303	4
54	MP2C	Mx	-.002	4
55	MP3A	X	-2.329	2
56	MP3A	Z	-4.034	2
57	MP3A	Mx	-.001	2
58	MP3B	X	-2.329	2
59	MP3B	Z	-4.034	2
60	MP3B	Mx	-.001	2
61	MP3C	X	-1.698	2
62	MP3C	Z	-2.94	2
63	MP3C	Mx	.002	2
64	MP2A	X	-2.248	1.5
65	MP2A	Z	-3.894	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP2A	Mx	-.001	1.5
67	MP2B	X	-2.248	1.5
68	MP2B	Z	-3.894	1.5
69	MP2B	Mx	-.001	1.5
70	MP2C	X	-1.375	1.5
71	MP2C	Z	-2.382	1.5
72	MP2C	Mx	.001	1.5
73	MP4A	X	-4.712	2
74	MP4A	Z	-8.162	2
75	MP4A	Mx	-.002	2
76	MP1A	X	-6.431	1
77	MP1A	Z	-11.139	1
78	MP1A	Mx	.003	1
79	MP1A	X	-6.431	5
80	MP1A	Z	-11.139	5
81	MP1A	Mx	.003	5
82	MP1B	X	-6.431	1
83	MP1B	Z	-11.139	1
84	MP1B	Mx	.003	1
85	MP1B	X	-6.431	5
86	MP1B	Z	-11.139	5
87	MP1B	Mx	.003	5
88	MP1C	X	-5.842	1
89	MP1C	Z	-10.119	1
90	MP1C	Mx	-.006	1
91	MP1C	X	-5.842	5
92	MP1C	Z	-10.119	5
93	MP1C	Mx	-.006	5
94	MP5A	X	-6.431	1
95	MP5A	Z	-11.139	1
96	MP5A	Mx	.003	1
97	MP5A	X	-6.431	5
98	MP5A	Z	-11.139	5
99	MP5A	Mx	.003	5
100	MP5B	X	-6.431	1
101	MP5B	Z	-11.139	1
102	MP5B	Mx	.003	1
103	MP5B	X	-6.431	5
104	MP5B	Z	-11.139	5
105	MP5B	Mx	.003	5
106	MP5C	X	-5.842	1
107	MP5C	Z	-10.119	1
108	MP5C	Mx	-.006	1
109	MP5C	X	-5.842	5
110	MP5C	Z	-10.119	5
111	MP5C	Mx	-.006	5
112	M76	X	-.988	5
113	M76	Z	-1.712	5
114	M76	Mx	0	5
115	M76	X	-.181	2
116	M76	Z	-.313	2
117	M76	Mx	0	2

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M35	Y	-500	%100

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-500	%100

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 80 : Lv2)

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

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-7.786	-7.786	0	%100
2	M2	Y	-7.786	-7.786	0	%100
3	M3	Y	-7.786	-7.786	0	%100
4	M4	Y	-7.786	-7.786	0	%100
5	M5	Y	-7.786	-7.786	0	%100
6	M9	Y	-7.786	-7.786	0	%100
7	M10	Y	-7.786	-7.786	0	%100
8	M14	Y	-7.786	-7.786	0	%100
9	M15	Y	-7.786	-7.786	0	%100
10	M19	Y	-7.786	-7.786	0	%100
11	M20	Y	-7.786	-7.786	0	%100
12	M21	Y	-7.786	-7.786	0	%100
13	M25	Y	-11.849	-11.849	0	%100
14	M28	Y	-11.849	-11.849	0	%100
15	M31	Y	-11.849	-11.849	0	%100
16	MP1A	Y	-5.102	-5.102	0	%100
17	MP2A	Y	-5.102	-5.102	0	%100
18	MP3A	Y	-5.102	-5.102	0	%100
19	MP4A	Y	-5.102	-5.102	0	%100
20	MP5A	Y	-5.102	-5.102	0	%100
21	MP1C	Y	-5.102	-5.102	0	%100
22	MP2C	Y	-5.102	-5.102	0	%100
23	MP3C	Y	-5.102	-5.102	0	%100
24	MP4C	Y	-5.102	-5.102	0	%100
25	MP5C	Y	-5.102	-5.102	0	%100
26	MP1B	Y	-5.102	-5.102	0	%100
27	MP2B	Y	-5.102	-5.102	0	%100
28	MP3B	Y	-5.102	-5.102	0	%100
29	MP4B	Y	-5.102	-5.102	0	%100
30	MP5B	Y	-5.102	-5.102	0	%100
31	M76	Y	-5.102	-5.102	0	%100
32	M77	Y	-5.102	-5.102	0	%100
33	M72	Y	-2.408	-2.408	0	%100
34	M73	Y	-2.408	-2.408	0	%100
35	M76A	Y	-5.102	-5.102	0	%100
36	M81A	Y	-2.408	-2.408	0	%100
37	M82	Y	-2.408	-2.408	0	%100
38	M82A	Y	-5.821	-5.821	0	%100
39	M88	Y	-5.821	-5.821	0	%100
40	M94	Y	-5.821	-5.821	0	%100
41	M106	Y	-7.786	-7.786	0	%100
42	M107	Y	-7.786	-7.786	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
43	M108	Y	-7.786	-7.786	0	%100
44	M109	Y	-6.77	-6.77	0	%100
45	M110	Y	-6.77	-6.77	0	%100
46	M111	Y	-6.77	-6.77	0	%100
47	M112	Y	-6.77	-6.77	0	%100
48	M113	Y	-6.77	-6.77	0	%100
49	M114	Y	-6.77	-6.77	0	%100
50	M115	Y	-5.821	-5.821	0	%100
51	M121	Y	-5.821	-5.821	0	%100
52	M127	Y	-5.821	-5.821	0	%100
53	M139	Y	-7.786	-7.786	0	%100
54	M140	Y	-7.786	-7.786	0	%100
55	M141	Y	-7.786	-7.786	0	%100
56	M146	Y	-2.408	-2.408	0	%100
57	M147	Y	-2.408	-2.408	0	%100
58	M152	Y	-2.408	-2.408	0	%100
59	M153	Y	-2.408	-2.408	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-21.011	-21.011	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-5.253	-5.253	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-5.253	-5.253	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M9	X	0	0	0	%100
12	M9	Z	-13.219	-13.219	0	%100
13	M10	X	0	0	0	%100
14	M10	Z	-13.219	-13.219	0	%100
15	M14	X	0	0	0	%100
16	M14	Z	-13.219	-13.219	0	%100
17	M15	X	0	0	0	%100
18	M15	Z	-13.219	-13.219	0	%100
19	M19	X	0	0	0	%100
20	M19	Z	-5.253	-5.253	0	%100
21	M20	X	0	0	0	%100
22	M20	Z	-21.011	-21.011	0	%100
23	M21	X	0	0	0	%100
24	M21	Z	-5.253	-5.253	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M28	X	0	0	0	%100
28	M28	Z	-18.36	-18.36	0	%100
29	M31	X	0	0	0	%100
30	M31	Z	-18.36	-18.36	0	%100
31	MP1A	X	0	0	0	%100
32	MP1A	Z	-9.98	-9.98	0	%100
33	MP2A	X	0	0	0	%100
34	MP2A	Z	-9.98	-9.98	0	%100
35	MP3A	X	0	0	0	%100
36	MP3A	Z	-9.98	-9.98	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
37	MP4A	X	0	0	0	%100
38	MP4A	Z	-9.98	-9.98	0	%100
39	MP5A	X	0	0	0	%100
40	MP5A	Z	-9.98	-9.98	0	%100
41	MP1C	X	0	0	0	%100
42	MP1C	Z	-9.98	-9.98	0	%100
43	MP2C	X	0	0	0	%100
44	MP2C	Z	-9.98	-9.98	0	%100
45	MP3C	X	0	0	0	%100
46	MP3C	Z	-9.98	-9.98	0	%100
47	MP4C	X	0	0	0	%100
48	MP4C	Z	-9.98	-9.98	0	%100
49	MP5C	X	0	0	0	%100
50	MP5C	Z	-9.98	-9.98	0	%100
51	MP1B	X	0	0	0	%100
52	MP1B	Z	-9.98	-9.98	0	%100
53	MP2B	X	0	0	0	%100
54	MP2B	Z	-9.98	-9.98	0	%100
55	MP3B	X	0	0	0	%100
56	MP3B	Z	-9.98	-9.98	0	%100
57	MP4B	X	0	0	0	%100
58	MP4B	Z	-9.98	-9.98	0	%100
59	MP5B	X	0	0	0	%100
60	MP5B	Z	-9.98	-9.98	0	%100
61	M76	X	0	0	0	%100
62	M76	Z	-9.98	-9.98	0	%100
63	M77	X	0	0	0	%100
64	M77	Z	-8.161	-8.161	0	%100
65	M72	X	0	0	0	%100
66	M72	Z	-1.138	-1.138	0	%100
67	M73	X	0	0	0	%100
68	M73	Z	-1.138	-1.138	0	%100
69	M76A	X	0	0	0	%100
70	M76A	Z	-6.761	-6.761	0	%100
71	M81A	X	0	0	0	%100
72	M81A	Z	-1.138	-1.138	0	%100
73	M82	X	0	0	0	%100
74	M82	Z	-1.138	-1.138	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	-12.081	-12.081	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	-3.02	-3.02	0	%100
79	M94	X	0	0	0	%100
80	M94	Z	-3.02	-3.02	0	%100
81	M106	X	0	0	0	%100
82	M106	Z	-3.678	-3.678	0	%100
83	M107	X	0	0	0	%100
84	M107	Z	-3.678	-3.678	0	%100
85	M108	X	0	0	0	%100
86	M108	Z	-14.712	-14.712	0	%100
87	M109	X	0	0	0	%100
88	M109	Z	-9.515	-9.515	0	%100
89	M110	X	0	0	0	%100
90	M110	Z	-9.515	-9.515	0	%100
91	M111	X	0	0	0	%100
92	M111	Z	-15.373	-15.373	0	%100
93	M112	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
94	M112	Z	-2.917	-2.917	0	%100
95	M113	X	0	0	0	%100
96	M113	Z	-2.917	-2.917	0	%100
97	M114	X	0	0	0	%100
98	M114	Z	-15.373	-15.373	0	%100
99	M115	X	0	0	0	%100
100	M115	Z	-12.081	-12.081	0	%100
101	M121	X	0	0	0	%100
102	M121	Z	-3.02	-3.02	0	%100
103	M127	X	0	0	0	%100
104	M127	Z	-3.02	-3.02	0	%100
105	M139	X	0	0	0	%100
106	M139	Z	-3.678	-3.678	0	%100
107	M140	X	0	0	0	%100
108	M140	Z	-3.678	-3.678	0	%100
109	M141	X	0	0	0	%100
110	M141	Z	-14.712	-14.712	0	%100
111	M146	X	0	0	0	%100
112	M146	Z	-1.138	-1.138	0	%100
113	M147	X	0	0	0	%100
114	M147	Z	-1.138	-1.138	0	%100
115	M152	X	0	0	0	%100
116	M152	Z	-1.138	-1.138	0	%100
117	M153	X	0	0	0	%100
118	M153	Z	-1.138	-1.138	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	7.879	7.879	0	%100
2	M1	Z	-13.647	-13.647	0	%100
3	M2	X	7.879	7.879	0	%100
4	M2	Z	-13.647	-13.647	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	2.203	2.203	0	%100
8	M4	Z	-3.816	-3.816	0	%100
9	M5	X	2.203	2.203	0	%100
10	M5	Z	-3.816	-3.816	0	%100
11	M9	X	2.203	2.203	0	%100
12	M9	Z	-3.816	-3.816	0	%100
13	M10	X	2.203	2.203	0	%100
14	M10	Z	-3.816	-3.816	0	%100
15	M14	X	8.813	8.813	0	%100
16	M14	Z	-15.265	-15.265	0	%100
17	M15	X	8.813	8.813	0	%100
18	M15	Z	-15.265	-15.265	0	%100
19	M19	X	0	0	0	%100
20	M19	Z	0	0	0	%100
21	M20	X	7.879	7.879	0	%100
22	M20	Z	-13.647	-13.647	0	%100
23	M21	X	7.879	7.879	0	%100
24	M21	Z	-13.647	-13.647	0	%100
25	M25	X	3.06	3.06	0	%100
26	M25	Z	-5.3	-5.3	0	%100
27	M28	X	3.06	3.06	0	%100
28	M28	Z	-5.3	-5.3	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M31	X	12.24	12.24	0	%100
30	M31	Z	-21.2	-21.2	0	%100
31	MP1A	X	4.99	4.99	0	%100
32	MP1A	Z	-8.643	-8.643	0	%100
33	MP2A	X	4.99	4.99	0	%100
34	MP2A	Z	-8.643	-8.643	0	%100
35	MP3A	X	4.99	4.99	0	%100
36	MP3A	Z	-8.643	-8.643	0	%100
37	MP4A	X	4.99	4.99	0	%100
38	MP4A	Z	-8.643	-8.643	0	%100
39	MP5A	X	4.99	4.99	0	%100
40	MP5A	Z	-8.643	-8.643	0	%100
41	MP1C	X	4.99	4.99	0	%100
42	MP1C	Z	-8.643	-8.643	0	%100
43	MP2C	X	4.99	4.99	0	%100
44	MP2C	Z	-8.643	-8.643	0	%100
45	MP3C	X	4.99	4.99	0	%100
46	MP3C	Z	-8.643	-8.643	0	%100
47	MP4C	X	4.99	4.99	0	%100
48	MP4C	Z	-8.643	-8.643	0	%100
49	MP5C	X	4.99	4.99	0	%100
50	MP5C	Z	-8.643	-8.643	0	%100
51	MP1B	X	4.99	4.99	0	%100
52	MP1B	Z	-8.643	-8.643	0	%100
53	MP2B	X	4.99	4.99	0	%100
54	MP2B	Z	-8.643	-8.643	0	%100
55	MP3B	X	4.99	4.99	0	%100
56	MP3B	Z	-8.643	-8.643	0	%100
57	MP4B	X	4.99	4.99	0	%100
58	MP4B	Z	-8.643	-8.643	0	%100
59	MP5B	X	4.99	4.99	0	%100
60	MP5B	Z	-8.643	-8.643	0	%100
61	M76	X	4.99	4.99	0	%100
62	M76	Z	-8.643	-8.643	0	%100
63	M77	X	4.081	4.081	0	%100
64	M77	Z	-7.068	-7.068	0	%100
65	M72	X	.19	.19	0	%100
66	M72	Z	-.329	-.329	0	%100
67	M73	X	.19	.19	0	%100
68	M73	Z	-.329	-.329	0	%100
69	M76A	X	3.38	3.38	0	%100
70	M76A	Z	-5.855	-5.855	0	%100
71	M81A	X	.19	.19	0	%100
72	M81A	Z	-.329	-.329	0	%100
73	M82	X	.19	.19	0	%100
74	M82	Z	-.329	-.329	0	%100
75	M82A	X	4.531	4.531	0	%100
76	M82A	Z	-7.847	-7.847	0	%100
77	M88	X	4.531	4.531	0	%100
78	M88	Z	-7.847	-7.847	0	%100
79	M94	X	0	0	0	%100
80	M94	Z	0	0	0	%100
81	M106	X	5.517	5.517	0	%100
82	M106	Z	-9.556	-9.556	0	%100
83	M107	X	0	0	0	%100
84	M107	Z	0	0	0	%100
85	M108	X	5.517	5.517	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
86	M108	Z	-9.556	-9.556	0	%100
87	M109	X	1.582	1.582	0	%100
88	M109	Z	-2.74	-2.74	0	%100
89	M110	X	7.81	7.81	0	%100
90	M110	Z	-13.527	-13.527	0	%100
91	M111	X	7.81	7.81	0	%100
92	M111	Z	-13.527	-13.527	0	%100
93	M112	X	1.582	1.582	0	%100
94	M112	Z	-2.74	-2.74	0	%100
95	M113	X	4.511	4.511	0	%100
96	M113	Z	-7.813	-7.813	0	%100
97	M114	X	4.511	4.511	0	%100
98	M114	Z	-7.813	-7.813	0	%100
99	M115	X	4.531	4.531	0	%100
100	M115	Z	-7.847	-7.847	0	%100
101	M121	X	4.531	4.531	0	%100
102	M121	Z	-7.847	-7.847	0	%100
103	M127	X	0	0	0	%100
104	M127	Z	0	0	0	%100
105	M139	X	5.517	5.517	0	%100
106	M139	Z	-9.556	-9.556	0	%100
107	M140	X	0	0	0	%100
108	M140	Z	0	0	0	%100
109	M141	X	5.517	5.517	0	%100
110	M141	Z	-9.556	-9.556	0	%100
111	M146	X	.19	.19	0	%100
112	M146	Z	-.329	-.329	0	%100
113	M147	X	.19	.19	0	%100
114	M147	Z	-.329	-.329	0	%100
115	M152	X	.19	.19	0	%100
116	M152	Z	-.329	-.329	0	%100
117	M153	X	.19	.19	0	%100
118	M153	Z	-.329	-.329	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.549	4.549	0	%100
2	M1	Z	-2.626	-2.626	0	%100
3	M2	X	18.196	18.196	0	%100
4	M2	Z	-10.506	-10.506	0	%100
5	M3	X	4.549	4.549	0	%100
6	M3	Z	-2.626	-2.626	0	%100
7	M4	X	11.448	11.448	0	%100
8	M4	Z	-6.61	-6.61	0	%100
9	M5	X	11.448	11.448	0	%100
10	M5	Z	-6.61	-6.61	0	%100
11	M9	X	0	0	0	%100
12	M9	Z	0	0	0	%100
13	M10	X	0	0	0	%100
14	M10	Z	0	0	0	%100
15	M14	X	11.448	11.448	0	%100
16	M14	Z	-6.61	-6.61	0	%100
17	M15	X	11.448	11.448	0	%100
18	M15	Z	-6.61	-6.61	0	%100
19	M19	X	4.549	4.549	0	%100
20	M19	Z	-2.626	-2.626	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
21	M20	X	4.549	4.549	0	%100
22	M20	Z	-2.626	-2.626	0	%100
23	M21	X	18.196	18.196	0	%100
24	M21	Z	-10.506	-10.506	0	%100
25	M25	X	15.9	15.9	0	%100
26	M25	Z	-9.18	-9.18	0	%100
27	M28	X	0	0	0	%100
28	M28	Z	0	0	0	%100
29	M31	X	15.9	15.9	0	%100
30	M31	Z	-9.18	-9.18	0	%100
31	MP1A	X	8.643	8.643	0	%100
32	MP1A	Z	-4.99	-4.99	0	%100
33	MP2A	X	8.643	8.643	0	%100
34	MP2A	Z	-4.99	-4.99	0	%100
35	MP3A	X	8.643	8.643	0	%100
36	MP3A	Z	-4.99	-4.99	0	%100
37	MP4A	X	8.643	8.643	0	%100
38	MP4A	Z	-4.99	-4.99	0	%100
39	MP5A	X	8.643	8.643	0	%100
40	MP5A	Z	-4.99	-4.99	0	%100
41	MP1C	X	8.643	8.643	0	%100
42	MP1C	Z	-4.99	-4.99	0	%100
43	MP2C	X	8.643	8.643	0	%100
44	MP2C	Z	-4.99	-4.99	0	%100
45	MP3C	X	8.643	8.643	0	%100
46	MP3C	Z	-4.99	-4.99	0	%100
47	MP4C	X	8.643	8.643	0	%100
48	MP4C	Z	-4.99	-4.99	0	%100
49	MP5C	X	8.643	8.643	0	%100
50	MP5C	Z	-4.99	-4.99	0	%100
51	MP1B	X	8.643	8.643	0	%100
52	MP1B	Z	-4.99	-4.99	0	%100
53	MP2B	X	8.643	8.643	0	%100
54	MP2B	Z	-4.99	-4.99	0	%100
55	MP3B	X	8.643	8.643	0	%100
56	MP3B	Z	-4.99	-4.99	0	%100
57	MP4B	X	8.643	8.643	0	%100
58	MP4B	Z	-4.99	-4.99	0	%100
59	MP5B	X	8.643	8.643	0	%100
60	MP5B	Z	-4.99	-4.99	0	%100
61	M76	X	8.643	8.643	0	%100
62	M76	Z	-4.99	-4.99	0	%100
63	M77	X	7.068	7.068	0	%100
64	M77	Z	-4.081	-4.081	0	%100
65	M72	X	0	0	0	%100
66	M72	Z	0	0	0	%100
67	M73	X	0	0	0	%100
68	M73	Z	0	0	0	%100
69	M76A	X	5.855	5.855	0	%100
70	M76A	Z	-3.38	-3.38	0	%100
71	M81A	X	0	0	0	%100
72	M81A	Z	0	0	0	%100
73	M82	X	0	0	0	%100
74	M82	Z	0	0	0	%100
75	M82A	X	2.616	2.616	0	%100
76	M82A	Z	-1.51	-1.51	0	%100
77	M88	X	10.463	10.463	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
78	M88	Z	-6.041	-6.041	0	%100
79	M94	X	2.616	2.616	0	%100
80	M94	Z	-1.51	-1.51	0	%100
81	M106	X	12.741	12.741	0	%100
82	M106	Z	-7.356	-7.356	0	%100
83	M107	X	3.185	3.185	0	%100
84	M107	Z	-1.839	-1.839	0	%100
85	M108	X	3.185	3.185	0	%100
86	M108	Z	-1.839	-1.839	0	%100
87	M109	X	2.526	2.526	0	%100
88	M109	Z	-1.459	-1.459	0	%100
89	M110	X	13.313	13.313	0	%100
90	M110	Z	-7.686	-7.686	0	%100
91	M111	X	8.24	8.24	0	%100
92	M111	Z	-4.758	-4.758	0	%100
93	M112	X	8.24	8.24	0	%100
94	M112	Z	-4.758	-4.758	0	%100
95	M113	X	13.313	13.313	0	%100
96	M113	Z	-7.686	-7.686	0	%100
97	M114	X	2.526	2.526	0	%100
98	M114	Z	-1.459	-1.459	0	%100
99	M115	X	2.616	2.616	0	%100
100	M115	Z	-1.51	-1.51	0	%100
101	M121	X	10.463	10.463	0	%100
102	M121	Z	-6.041	-6.041	0	%100
103	M127	X	2.616	2.616	0	%100
104	M127	Z	-1.51	-1.51	0	%100
105	M139	X	12.741	12.741	0	%100
106	M139	Z	-7.356	-7.356	0	%100
107	M140	X	3.185	3.185	0	%100
108	M140	Z	-1.839	-1.839	0	%100
109	M141	X	3.185	3.185	0	%100
110	M141	Z	-1.839	-1.839	0	%100
111	M146	X	0	0	0	%100
112	M146	Z	0	0	0	%100
113	M147	X	0	0	0	%100
114	M147	Z	0	0	0	%100
115	M152	X	0	0	0	%100
116	M152	Z	0	0	0	%100
117	M153	X	0	0	0	%100
118	M153	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	15.758	15.758	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	15.758	15.758	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	17.626	17.626	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	17.626	17.626	0	%100
10	M5	Z	0	0	0	%100
11	M9	X	4.406	4.406	0	%100
12	M9	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
13	M10	X	4.406	4.406	0	%100
14	M10	Z	0	0	0	%100
15	M14	X	4.406	4.406	0	%100
16	M14	Z	0	0	0	%100
17	M15	X	4.406	4.406	0	%100
18	M15	Z	0	0	0	%100
19	M19	X	15.758	15.758	0	%100
20	M19	Z	0	0	0	%100
21	M20	X	0	0	0	%100
22	M20	Z	0	0	0	%100
23	M21	X	15.758	15.758	0	%100
24	M21	Z	0	0	0	%100
25	M25	X	24.48	24.48	0	%100
26	M25	Z	0	0	0	%100
27	M28	X	6.12	6.12	0	%100
28	M28	Z	0	0	0	%100
29	M31	X	6.12	6.12	0	%100
30	M31	Z	0	0	0	%100
31	MP1A	X	9.98	9.98	0	%100
32	MP1A	Z	0	0	0	%100
33	MP2A	X	9.98	9.98	0	%100
34	MP2A	Z	0	0	0	%100
35	MP3A	X	9.98	9.98	0	%100
36	MP3A	Z	0	0	0	%100
37	MP4A	X	9.98	9.98	0	%100
38	MP4A	Z	0	0	0	%100
39	MP5A	X	9.98	9.98	0	%100
40	MP5A	Z	0	0	0	%100
41	MP1C	X	9.98	9.98	0	%100
42	MP1C	Z	0	0	0	%100
43	MP2C	X	9.98	9.98	0	%100
44	MP2C	Z	0	0	0	%100
45	MP3C	X	9.98	9.98	0	%100
46	MP3C	Z	0	0	0	%100
47	MP4C	X	9.98	9.98	0	%100
48	MP4C	Z	0	0	0	%100
49	MP5C	X	9.98	9.98	0	%100
50	MP5C	Z	0	0	0	%100
51	MP1B	X	9.98	9.98	0	%100
52	MP1B	Z	0	0	0	%100
53	MP2B	X	9.98	9.98	0	%100
54	MP2B	Z	0	0	0	%100
55	MP3B	X	9.98	9.98	0	%100
56	MP3B	Z	0	0	0	%100
57	MP4B	X	9.98	9.98	0	%100
58	MP4B	Z	0	0	0	%100
59	MP5B	X	9.98	9.98	0	%100
60	MP5B	Z	0	0	0	%100
61	M76	X	9.98	9.98	0	%100
62	M76	Z	0	0	0	%100
63	M77	X	8.161	8.161	0	%100
64	M77	Z	0	0	0	%100
65	M72	X	.379	.379	0	%100
66	M72	Z	0	0	0	%100
67	M73	X	.379	.379	0	%100
68	M73	Z	0	0	0	%100
69	M76A	X	6.761	6.761	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
70	M76A	Z	0	0	0	%100
71	M81A	X	.379	.379	0	%100
72	M81A	Z	0	0	0	%100
73	M82	X	.379	.379	0	%100
74	M82	Z	0	0	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	0	0	0	%100
77	M88	X	9.061	9.061	0	%100
78	M88	Z	0	0	0	%100
79	M94	X	9.061	9.061	0	%100
80	M94	Z	0	0	0	%100
81	M106	X	11.034	11.034	0	%100
82	M106	Z	0	0	0	%100
83	M107	X	11.034	11.034	0	%100
84	M107	Z	0	0	0	%100
85	M108	X	0	0	0	%100
86	M108	Z	0	0	0	%100
87	M109	X	9.022	9.022	0	%100
88	M109	Z	0	0	0	%100
89	M110	X	9.022	9.022	0	%100
90	M110	Z	0	0	0	%100
91	M111	X	3.164	3.164	0	%100
92	M111	Z	0	0	0	%100
93	M112	X	15.62	15.62	0	%100
94	M112	Z	0	0	0	%100
95	M113	X	15.62	15.62	0	%100
96	M113	Z	0	0	0	%100
97	M114	X	3.164	3.164	0	%100
98	M114	Z	0	0	0	%100
99	M115	X	0	0	0	%100
100	M115	Z	0	0	0	%100
101	M121	X	9.061	9.061	0	%100
102	M121	Z	0	0	0	%100
103	M127	X	9.061	9.061	0	%100
104	M127	Z	0	0	0	%100
105	M139	X	11.034	11.034	0	%100
106	M139	Z	0	0	0	%100
107	M140	X	11.034	11.034	0	%100
108	M140	Z	0	0	0	%100
109	M141	X	0	0	0	%100
110	M141	Z	0	0	0	%100
111	M146	X	.379	.379	0	%100
112	M146	Z	0	0	0	%100
113	M147	X	.379	.379	0	%100
114	M147	Z	0	0	0	%100
115	M152	X	.379	.379	0	%100
116	M152	Z	0	0	0	%100
117	M153	X	.379	.379	0	%100
118	M153	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.549	4.549	0	%100
2	M1	Z	2.626	2.626	0	%100
3	M2	X	4.549	4.549	0	%100
4	M2	Z	2.626	2.626	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
5	M3	X	18.196	18.196	0	%100
6	M3	Z	10.506	10.506	0	%100
7	M4	X	11.448	11.448	0	%100
8	M4	Z	6.61	6.61	0	%100
9	M5	X	11.448	11.448	0	%100
10	M5	Z	6.61	6.61	0	%100
11	M9	X	11.448	11.448	0	%100
12	M9	Z	6.61	6.61	0	%100
13	M10	X	11.448	11.448	0	%100
14	M10	Z	6.61	6.61	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	M19	X	18.196	18.196	0	%100
20	M19	Z	10.506	10.506	0	%100
21	M20	X	4.549	4.549	0	%100
22	M20	Z	2.626	2.626	0	%100
23	M21	X	4.549	4.549	0	%100
24	M21	Z	2.626	2.626	0	%100
25	M25	X	15.9	15.9	0	%100
26	M25	Z	9.18	9.18	0	%100
27	M28	X	15.9	15.9	0	%100
28	M28	Z	9.18	9.18	0	%100
29	M31	X	0	0	0	%100
30	M31	Z	0	0	0	%100
31	MP1A	X	8.643	8.643	0	%100
32	MP1A	Z	4.99	4.99	0	%100
33	MP2A	X	8.643	8.643	0	%100
34	MP2A	Z	4.99	4.99	0	%100
35	MP3A	X	8.643	8.643	0	%100
36	MP3A	Z	4.99	4.99	0	%100
37	MP4A	X	8.643	8.643	0	%100
38	MP4A	Z	4.99	4.99	0	%100
39	MP5A	X	8.643	8.643	0	%100
40	MP5A	Z	4.99	4.99	0	%100
41	MP1C	X	8.643	8.643	0	%100
42	MP1C	Z	4.99	4.99	0	%100
43	MP2C	X	8.643	8.643	0	%100
44	MP2C	Z	4.99	4.99	0	%100
45	MP3C	X	8.643	8.643	0	%100
46	MP3C	Z	4.99	4.99	0	%100
47	MP4C	X	8.643	8.643	0	%100
48	MP4C	Z	4.99	4.99	0	%100
49	MP5C	X	8.643	8.643	0	%100
50	MP5C	Z	4.99	4.99	0	%100
51	MP1B	X	8.643	8.643	0	%100
52	MP1B	Z	4.99	4.99	0	%100
53	MP2B	X	8.643	8.643	0	%100
54	MP2B	Z	4.99	4.99	0	%100
55	MP3B	X	8.643	8.643	0	%100
56	MP3B	Z	4.99	4.99	0	%100
57	MP4B	X	8.643	8.643	0	%100
58	MP4B	Z	4.99	4.99	0	%100
59	MP5B	X	8.643	8.643	0	%100
60	MP5B	Z	4.99	4.99	0	%100
61	M76	X	8.643	8.643	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
62	M76	Z	4.99	4.99	0	%100
63	M77	X	7.068	7.068	0	%100
64	M77	Z	4.081	4.081	0	%100
65	M72	X	.986	.986	0	%100
66	M72	Z	.569	.569	0	%100
67	M73	X	.986	.986	0	%100
68	M73	Z	.569	.569	0	%100
69	M76A	X	5.855	5.855	0	%100
70	M76A	Z	3.38	3.38	0	%100
71	M81A	X	.986	.986	0	%100
72	M81A	Z	.569	.569	0	%100
73	M82	X	.986	.986	0	%100
74	M82	Z	.569	.569	0	%100
75	M82A	X	2.616	2.616	0	%100
76	M82A	Z	1.51	1.51	0	%100
77	M88	X	2.616	2.616	0	%100
78	M88	Z	1.51	1.51	0	%100
79	M94	X	10.463	10.463	0	%100
80	M94	Z	6.041	6.041	0	%100
81	M106	X	3.185	3.185	0	%100
82	M106	Z	1.839	1.839	0	%100
83	M107	X	12.741	12.741	0	%100
84	M107	Z	7.356	7.356	0	%100
85	M108	X	3.185	3.185	0	%100
86	M108	Z	1.839	1.839	0	%100
87	M109	X	13.313	13.313	0	%100
88	M109	Z	7.686	7.686	0	%100
89	M110	X	2.526	2.526	0	%100
90	M110	Z	1.459	1.459	0	%100
91	M111	X	2.526	2.526	0	%100
92	M111	Z	1.459	1.459	0	%100
93	M112	X	13.313	13.313	0	%100
94	M112	Z	7.686	7.686	0	%100
95	M113	X	8.24	8.24	0	%100
96	M113	Z	4.758	4.758	0	%100
97	M114	X	8.24	8.24	0	%100
98	M114	Z	4.758	4.758	0	%100
99	M115	X	2.616	2.616	0	%100
100	M115	Z	1.51	1.51	0	%100
101	M121	X	2.616	2.616	0	%100
102	M121	Z	1.51	1.51	0	%100
103	M127	X	10.463	10.463	0	%100
104	M127	Z	6.041	6.041	0	%100
105	M139	X	3.185	3.185	0	%100
106	M139	Z	1.839	1.839	0	%100
107	M140	X	12.741	12.741	0	%100
108	M140	Z	7.356	7.356	0	%100
109	M141	X	3.185	3.185	0	%100
110	M141	Z	1.839	1.839	0	%100
111	M146	X	.986	.986	0	%100
112	M146	Z	.569	.569	0	%100
113	M147	X	.986	.986	0	%100
114	M147	Z	.569	.569	0	%100
115	M152	X	.986	.986	0	%100
116	M152	Z	.569	.569	0	%100
117	M153	X	.986	.986	0	%100
118	M153	Z	.569	.569	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	7.879	7.879	0	%100
2	M1	Z	13.647	13.647	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	7.879	7.879	0	%100
6	M3	Z	13.647	13.647	0	%100
7	M4	X	2.203	2.203	0	%100
8	M4	Z	3.816	3.816	0	%100
9	M5	X	2.203	2.203	0	%100
10	M5	Z	3.816	3.816	0	%100
11	M9	X	8.813	8.813	0	%100
12	M9	Z	15.265	15.265	0	%100
13	M10	X	8.813	8.813	0	%100
14	M10	Z	15.265	15.265	0	%100
15	M14	X	2.203	2.203	0	%100
16	M14	Z	3.816	3.816	0	%100
17	M15	X	2.203	2.203	0	%100
18	M15	Z	3.816	3.816	0	%100
19	M19	X	7.879	7.879	0	%100
20	M19	Z	13.647	13.647	0	%100
21	M20	X	7.879	7.879	0	%100
22	M20	Z	13.647	13.647	0	%100
23	M21	X	0	0	0	%100
24	M21	Z	0	0	0	%100
25	M25	X	3.06	3.06	0	%100
26	M25	Z	5.3	5.3	0	%100
27	M28	X	12.24	12.24	0	%100
28	M28	Z	21.2	21.2	0	%100
29	M31	X	3.06	3.06	0	%100
30	M31	Z	5.3	5.3	0	%100
31	MP1A	X	4.99	4.99	0	%100
32	MP1A	Z	8.643	8.643	0	%100
33	MP2A	X	4.99	4.99	0	%100
34	MP2A	Z	8.643	8.643	0	%100
35	MP3A	X	4.99	4.99	0	%100
36	MP3A	Z	8.643	8.643	0	%100
37	MP4A	X	4.99	4.99	0	%100
38	MP4A	Z	8.643	8.643	0	%100
39	MP5A	X	4.99	4.99	0	%100
40	MP5A	Z	8.643	8.643	0	%100
41	MP1C	X	4.99	4.99	0	%100
42	MP1C	Z	8.643	8.643	0	%100
43	MP2C	X	4.99	4.99	0	%100
44	MP2C	Z	8.643	8.643	0	%100
45	MP3C	X	4.99	4.99	0	%100
46	MP3C	Z	8.643	8.643	0	%100
47	MP4C	X	4.99	4.99	0	%100
48	MP4C	Z	8.643	8.643	0	%100
49	MP5C	X	4.99	4.99	0	%100
50	MP5C	Z	8.643	8.643	0	%100
51	MP1B	X	4.99	4.99	0	%100
52	MP1B	Z	8.643	8.643	0	%100
53	MP2B	X	4.99	4.99	0	%100
54	MP2B	Z	8.643	8.643	0	%100
55	MP3B	X	4.99	4.99	0	%100
56	MP3B	Z	8.643	8.643	0	%100
57	MP4B	X	4.99	4.99	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP4B	Z	8.643	8.643	0	%100
59	MP5B	X	4.99	4.99	0	%100
60	MP5B	Z	8.643	8.643	0	%100
61	M76	X	4.99	4.99	0	%100
62	M76	Z	8.643	8.643	0	%100
63	M77	X	4.081	4.081	0	%100
64	M77	Z	7.068	7.068	0	%100
65	M72	X	.759	.759	0	%100
66	M72	Z	1.314	1.314	0	%100
67	M73	X	.759	.759	0	%100
68	M73	Z	1.314	1.314	0	%100
69	M76A	X	3.38	3.38	0	%100
70	M76A	Z	5.855	5.855	0	%100
71	M81A	X	.759	.759	0	%100
72	M81A	Z	1.314	1.314	0	%100
73	M82	X	.759	.759	0	%100
74	M82	Z	1.314	1.314	0	%100
75	M82A	X	4.531	4.531	0	%100
76	M82A	Z	7.847	7.847	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	0	0	0	%100
79	M94	X	4.531	4.531	0	%100
80	M94	Z	7.847	7.847	0	%100
81	M106	X	0	0	0	%100
82	M106	Z	0	0	0	%100
83	M107	X	5.517	5.517	0	%100
84	M107	Z	9.556	9.556	0	%100
85	M108	X	5.517	5.517	0	%100
86	M108	Z	9.556	9.556	0	%100
87	M109	X	7.81	7.81	0	%100
88	M109	Z	13.527	13.527	0	%100
89	M110	X	1.582	1.582	0	%100
90	M110	Z	2.74	2.74	0	%100
91	M111	X	4.511	4.511	0	%100
92	M111	Z	7.813	7.813	0	%100
93	M112	X	4.511	4.511	0	%100
94	M112	Z	7.813	7.813	0	%100
95	M113	X	1.582	1.582	0	%100
96	M113	Z	2.74	2.74	0	%100
97	M114	X	7.81	7.81	0	%100
98	M114	Z	13.527	13.527	0	%100
99	M115	X	4.531	4.531	0	%100
100	M115	Z	7.847	7.847	0	%100
101	M121	X	0	0	0	%100
102	M121	Z	0	0	0	%100
103	M127	X	4.531	4.531	0	%100
104	M127	Z	7.847	7.847	0	%100
105	M139	X	0	0	0	%100
106	M139	Z	0	0	0	%100
107	M140	X	5.517	5.517	0	%100
108	M140	Z	9.556	9.556	0	%100
109	M141	X	5.517	5.517	0	%100
110	M141	Z	9.556	9.556	0	%100
111	M146	X	.759	.759	0	%100
112	M146	Z	1.314	1.314	0	%100
113	M147	X	.759	.759	0	%100
114	M147	Z	1.314	1.314	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M152	X	.759	.759	0	%100
116	M152	Z	1.314	1.314	0	%100
117	M153	X	.759	.759	0	%100
118	M153	Z	1.314	1.314	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	21.011	21.011	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	5.253	5.253	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	5.253	5.253	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M9	X	0	0	0	%100
12	M9	Z	13.219	13.219	0	%100
13	M10	X	0	0	0	%100
14	M10	Z	13.219	13.219	0	%100
15	M14	X	0	0	0	%100
16	M14	Z	13.219	13.219	0	%100
17	M15	X	0	0	0	%100
18	M15	Z	13.219	13.219	0	%100
19	M19	X	0	0	0	%100
20	M19	Z	5.253	5.253	0	%100
21	M20	X	0	0	0	%100
22	M20	Z	21.011	21.011	0	%100
23	M21	X	0	0	0	%100
24	M21	Z	5.253	5.253	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M28	X	0	0	0	%100
28	M28	Z	18.36	18.36	0	%100
29	M31	X	0	0	0	%100
30	M31	Z	18.36	18.36	0	%100
31	MP1A	X	0	0	0	%100
32	MP1A	Z	9.98	9.98	0	%100
33	MP2A	X	0	0	0	%100
34	MP2A	Z	9.98	9.98	0	%100
35	MP3A	X	0	0	0	%100
36	MP3A	Z	9.98	9.98	0	%100
37	MP4A	X	0	0	0	%100
38	MP4A	Z	9.98	9.98	0	%100
39	MP5A	X	0	0	0	%100
40	MP5A	Z	9.98	9.98	0	%100
41	MP1C	X	0	0	0	%100
42	MP1C	Z	9.98	9.98	0	%100
43	MP2C	X	0	0	0	%100
44	MP2C	Z	9.98	9.98	0	%100
45	MP3C	X	0	0	0	%100
46	MP3C	Z	9.98	9.98	0	%100
47	MP4C	X	0	0	0	%100
48	MP4C	Z	9.98	9.98	0	%100
49	MP5C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
50	MP5C	Z	9.98	9.98	0	%100
51	MP1B	X	0	0	0	%100
52	MP1B	Z	9.98	9.98	0	%100
53	MP2B	X	0	0	0	%100
54	MP2B	Z	9.98	9.98	0	%100
55	MP3B	X	0	0	0	%100
56	MP3B	Z	9.98	9.98	0	%100
57	MP4B	X	0	0	0	%100
58	MP4B	Z	9.98	9.98	0	%100
59	MP5B	X	0	0	0	%100
60	MP5B	Z	9.98	9.98	0	%100
61	M76	X	0	0	0	%100
62	M76	Z	9.98	9.98	0	%100
63	M77	X	0	0	0	%100
64	M77	Z	8.161	8.161	0	%100
65	M72	X	0	0	0	%100
66	M72	Z	1.138	1.138	0	%100
67	M73	X	0	0	0	%100
68	M73	Z	1.138	1.138	0	%100
69	M76A	X	0	0	0	%100
70	M76A	Z	6.761	6.761	0	%100
71	M81A	X	0	0	0	%100
72	M81A	Z	1.138	1.138	0	%100
73	M82	X	0	0	0	%100
74	M82	Z	1.138	1.138	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	12.081	12.081	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	3.02	3.02	0	%100
79	M94	X	0	0	0	%100
80	M94	Z	3.02	3.02	0	%100
81	M106	X	0	0	0	%100
82	M106	Z	3.678	3.678	0	%100
83	M107	X	0	0	0	%100
84	M107	Z	3.678	3.678	0	%100
85	M108	X	0	0	0	%100
86	M108	Z	14.712	14.712	0	%100
87	M109	X	0	0	0	%100
88	M109	Z	9.515	9.515	0	%100
89	M110	X	0	0	0	%100
90	M110	Z	9.515	9.515	0	%100
91	M111	X	0	0	0	%100
92	M111	Z	15.373	15.373	0	%100
93	M112	X	0	0	0	%100
94	M112	Z	2.917	2.917	0	%100
95	M113	X	0	0	0	%100
96	M113	Z	2.917	2.917	0	%100
97	M114	X	0	0	0	%100
98	M114	Z	15.373	15.373	0	%100
99	M115	X	0	0	0	%100
100	M115	Z	12.081	12.081	0	%100
101	M121	X	0	0	0	%100
102	M121	Z	3.02	3.02	0	%100
103	M127	X	0	0	0	%100
104	M127	Z	3.02	3.02	0	%100
105	M139	X	0	0	0	%100
106	M139	Z	3.678	3.678	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
107	M140	X	0	0	0	%100
108	M140	Z	3.678	3.678	0	%100
109	M141	X	0	0	0	%100
110	M141	Z	14.712	14.712	0	%100
111	M146	X	0	0	0	%100
112	M146	Z	1.138	1.138	0	%100
113	M147	X	0	0	0	%100
114	M147	Z	1.138	1.138	0	%100
115	M152	X	0	0	0	%100
116	M152	Z	1.138	1.138	0	%100
117	M153	X	0	0	0	%100
118	M153	Z	1.138	1.138	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-7.879	-7.879	0	%100
2	M1	Z	13.647	13.647	0	%100
3	M2	X	-7.879	-7.879	0	%100
4	M2	Z	13.647	13.647	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-2.203	-2.203	0	%100
8	M4	Z	3.816	3.816	0	%100
9	M5	X	-2.203	-2.203	0	%100
10	M5	Z	3.816	3.816	0	%100
11	M9	X	-2.203	-2.203	0	%100
12	M9	Z	3.816	3.816	0	%100
13	M10	X	-2.203	-2.203	0	%100
14	M10	Z	3.816	3.816	0	%100
15	M14	X	-8.813	-8.813	0	%100
16	M14	Z	15.265	15.265	0	%100
17	M15	X	-8.813	-8.813	0	%100
18	M15	Z	15.265	15.265	0	%100
19	M19	X	0	0	0	%100
20	M19	Z	0	0	0	%100
21	M20	X	-7.879	-7.879	0	%100
22	M20	Z	13.647	13.647	0	%100
23	M21	X	-7.879	-7.879	0	%100
24	M21	Z	13.647	13.647	0	%100
25	M25	X	-3.06	-3.06	0	%100
26	M25	Z	5.3	5.3	0	%100
27	M28	X	-3.06	-3.06	0	%100
28	M28	Z	5.3	5.3	0	%100
29	M31	X	-12.24	-12.24	0	%100
30	M31	Z	21.2	21.2	0	%100
31	MP1A	X	-4.99	-4.99	0	%100
32	MP1A	Z	8.643	8.643	0	%100
33	MP2A	X	-4.99	-4.99	0	%100
34	MP2A	Z	8.643	8.643	0	%100
35	MP3A	X	-4.99	-4.99	0	%100
36	MP3A	Z	8.643	8.643	0	%100
37	MP4A	X	-4.99	-4.99	0	%100
38	MP4A	Z	8.643	8.643	0	%100
39	MP5A	X	-4.99	-4.99	0	%100
40	MP5A	Z	8.643	8.643	0	%100
41	MP1C	X	-4.99	-4.99	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
42	MP1C	Z	8.643	8.643	0	%100
43	MP2C	X	-4.99	-4.99	0	%100
44	MP2C	Z	8.643	8.643	0	%100
45	MP3C	X	-4.99	-4.99	0	%100
46	MP3C	Z	8.643	8.643	0	%100
47	MP4C	X	-4.99	-4.99	0	%100
48	MP4C	Z	8.643	8.643	0	%100
49	MP5C	X	-4.99	-4.99	0	%100
50	MP5C	Z	8.643	8.643	0	%100
51	MP1B	X	-4.99	-4.99	0	%100
52	MP1B	Z	8.643	8.643	0	%100
53	MP2B	X	-4.99	-4.99	0	%100
54	MP2B	Z	8.643	8.643	0	%100
55	MP3B	X	-4.99	-4.99	0	%100
56	MP3B	Z	8.643	8.643	0	%100
57	MP4B	X	-4.99	-4.99	0	%100
58	MP4B	Z	8.643	8.643	0	%100
59	MP5B	X	-4.99	-4.99	0	%100
60	MP5B	Z	8.643	8.643	0	%100
61	M76	X	-4.99	-4.99	0	%100
62	M76	Z	8.643	8.643	0	%100
63	M77	X	-4.081	-4.081	0	%100
64	M77	Z	7.068	7.068	0	%100
65	M72	X	-.19	-.19	0	%100
66	M72	Z	.329	.329	0	%100
67	M73	X	-.19	-.19	0	%100
68	M73	Z	.329	.329	0	%100
69	M76A	X	-3.38	-3.38	0	%100
70	M76A	Z	5.855	5.855	0	%100
71	M81A	X	-.19	-.19	0	%100
72	M81A	Z	.329	.329	0	%100
73	M82	X	-.19	-.19	0	%100
74	M82	Z	.329	.329	0	%100
75	M82A	X	-4.531	-4.531	0	%100
76	M82A	Z	7.847	7.847	0	%100
77	M88	X	-4.531	-4.531	0	%100
78	M88	Z	7.847	7.847	0	%100
79	M94	X	0	0	0	%100
80	M94	Z	0	0	0	%100
81	M106	X	-5.517	-5.517	0	%100
82	M106	Z	9.556	9.556	0	%100
83	M107	X	0	0	0	%100
84	M107	Z	0	0	0	%100
85	M108	X	-5.517	-5.517	0	%100
86	M108	Z	9.556	9.556	0	%100
87	M109	X	-1.582	-1.582	0	%100
88	M109	Z	2.74	2.74	0	%100
89	M110	X	-7.81	-7.81	0	%100
90	M110	Z	13.527	13.527	0	%100
91	M111	X	-7.81	-7.81	0	%100
92	M111	Z	13.527	13.527	0	%100
93	M112	X	-1.582	-1.582	0	%100
94	M112	Z	2.74	2.74	0	%100
95	M113	X	-4.511	-4.511	0	%100
96	M113	Z	7.813	7.813	0	%100
97	M114	X	-4.511	-4.511	0	%100
98	M114	Z	7.813	7.813	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
99	M115	X	-4.531	-4.531	0	%100
100	M115	Z	7.847	7.847	0	%100
101	M121	X	-4.531	-4.531	0	%100
102	M121	Z	7.847	7.847	0	%100
103	M127	X	0	0	0	%100
104	M127	Z	0	0	0	%100
105	M139	X	-5.517	-5.517	0	%100
106	M139	Z	9.556	9.556	0	%100
107	M140	X	0	0	0	%100
108	M140	Z	0	0	0	%100
109	M141	X	-5.517	-5.517	0	%100
110	M141	Z	9.556	9.556	0	%100
111	M146	X	-.19	-.19	0	%100
112	M146	Z	.329	.329	0	%100
113	M147	X	-.19	-.19	0	%100
114	M147	Z	.329	.329	0	%100
115	M152	X	-.19	-.19	0	%100
116	M152	Z	.329	.329	0	%100
117	M153	X	-.19	-.19	0	%100
118	M153	Z	.329	.329	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-4.549	-4.549	0	%100
2	M1	Z	2.626	2.626	0	%100
3	M2	X	-18.196	-18.196	0	%100
4	M2	Z	10.506	10.506	0	%100
5	M3	X	-4.549	-4.549	0	%100
6	M3	Z	2.626	2.626	0	%100
7	M4	X	-11.448	-11.448	0	%100
8	M4	Z	6.61	6.61	0	%100
9	M5	X	-11.448	-11.448	0	%100
10	M5	Z	6.61	6.61	0	%100
11	M9	X	0	0	0	%100
12	M9	Z	0	0	0	%100
13	M10	X	0	0	0	%100
14	M10	Z	0	0	0	%100
15	M14	X	-11.448	-11.448	0	%100
16	M14	Z	6.61	6.61	0	%100
17	M15	X	-11.448	-11.448	0	%100
18	M15	Z	6.61	6.61	0	%100
19	M19	X	-4.549	-4.549	0	%100
20	M19	Z	2.626	2.626	0	%100
21	M20	X	-4.549	-4.549	0	%100
22	M20	Z	2.626	2.626	0	%100
23	M21	X	-18.196	-18.196	0	%100
24	M21	Z	10.506	10.506	0	%100
25	M25	X	-15.9	-15.9	0	%100
26	M25	Z	9.18	9.18	0	%100
27	M28	X	0	0	0	%100
28	M28	Z	0	0	0	%100
29	M31	X	-15.9	-15.9	0	%100
30	M31	Z	9.18	9.18	0	%100
31	MP1A	X	-8.643	-8.643	0	%100
32	MP1A	Z	4.99	4.99	0	%100
33	MP2A	X	-8.643	-8.643	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	MP2A	Z	4.99	4.99	0	%100
35	MP3A	X	-8.643	-8.643	0	%100
36	MP3A	Z	4.99	4.99	0	%100
37	MP4A	X	-8.643	-8.643	0	%100
38	MP4A	Z	4.99	4.99	0	%100
39	MP5A	X	-8.643	-8.643	0	%100
40	MP5A	Z	4.99	4.99	0	%100
41	MP1C	X	-8.643	-8.643	0	%100
42	MP1C	Z	4.99	4.99	0	%100
43	MP2C	X	-8.643	-8.643	0	%100
44	MP2C	Z	4.99	4.99	0	%100
45	MP3C	X	-8.643	-8.643	0	%100
46	MP3C	Z	4.99	4.99	0	%100
47	MP4C	X	-8.643	-8.643	0	%100
48	MP4C	Z	4.99	4.99	0	%100
49	MP5C	X	-8.643	-8.643	0	%100
50	MP5C	Z	4.99	4.99	0	%100
51	MP1B	X	-8.643	-8.643	0	%100
52	MP1B	Z	4.99	4.99	0	%100
53	MP2B	X	-8.643	-8.643	0	%100
54	MP2B	Z	4.99	4.99	0	%100
55	MP3B	X	-8.643	-8.643	0	%100
56	MP3B	Z	4.99	4.99	0	%100
57	MP4B	X	-8.643	-8.643	0	%100
58	MP4B	Z	4.99	4.99	0	%100
59	MP5B	X	-8.643	-8.643	0	%100
60	MP5B	Z	4.99	4.99	0	%100
61	M76	X	-8.643	-8.643	0	%100
62	M76	Z	4.99	4.99	0	%100
63	M77	X	-7.068	-7.068	0	%100
64	M77	Z	4.081	4.081	0	%100
65	M72	X	0	0	0	%100
66	M72	Z	0	0	0	%100
67	M73	X	0	0	0	%100
68	M73	Z	0	0	0	%100
69	M76A	X	-5.855	-5.855	0	%100
70	M76A	Z	3.38	3.38	0	%100
71	M81A	X	0	0	0	%100
72	M81A	Z	0	0	0	%100
73	M82	X	0	0	0	%100
74	M82	Z	0	0	0	%100
75	M82A	X	-2.616	-2.616	0	%100
76	M82A	Z	1.51	1.51	0	%100
77	M88	X	-10.463	-10.463	0	%100
78	M88	Z	6.041	6.041	0	%100
79	M94	X	-2.616	-2.616	0	%100
80	M94	Z	1.51	1.51	0	%100
81	M106	X	-12.741	-12.741	0	%100
82	M106	Z	7.356	7.356	0	%100
83	M107	X	-3.185	-3.185	0	%100
84	M107	Z	1.839	1.839	0	%100
85	M108	X	-3.185	-3.185	0	%100
86	M108	Z	1.839	1.839	0	%100
87	M109	X	-2.526	-2.526	0	%100
88	M109	Z	1.459	1.459	0	%100
89	M110	X	-13.313	-13.313	0	%100
90	M110	Z	7.686	7.686	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	M111	X	-8.24	-8.24	0	%100
92	M111	Z	4.758	4.758	0	%100
93	M112	X	-8.24	-8.24	0	%100
94	M112	Z	4.758	4.758	0	%100
95	M113	X	-13.313	-13.313	0	%100
96	M113	Z	7.686	7.686	0	%100
97	M114	X	-2.526	-2.526	0	%100
98	M114	Z	1.459	1.459	0	%100
99	M115	X	-2.616	-2.616	0	%100
100	M115	Z	1.51	1.51	0	%100
101	M121	X	-10.463	-10.463	0	%100
102	M121	Z	6.041	6.041	0	%100
103	M127	X	-2.616	-2.616	0	%100
104	M127	Z	1.51	1.51	0	%100
105	M139	X	-12.741	-12.741	0	%100
106	M139	Z	7.356	7.356	0	%100
107	M140	X	-3.185	-3.185	0	%100
108	M140	Z	1.839	1.839	0	%100
109	M141	X	-3.185	-3.185	0	%100
110	M141	Z	1.839	1.839	0	%100
111	M146	X	0	0	0	%100
112	M146	Z	0	0	0	%100
113	M147	X	0	0	0	%100
114	M147	Z	0	0	0	%100
115	M152	X	0	0	0	%100
116	M152	Z	0	0	0	%100
117	M153	X	0	0	0	%100
118	M153	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-15.758	-15.758	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-15.758	-15.758	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-17.626	-17.626	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-17.626	-17.626	0	%100
10	M5	Z	0	0	0	%100
11	M9	X	-4.406	-4.406	0	%100
12	M9	Z	0	0	0	%100
13	M10	X	-4.406	-4.406	0	%100
14	M10	Z	0	0	0	%100
15	M14	X	-4.406	-4.406	0	%100
16	M14	Z	0	0	0	%100
17	M15	X	-4.406	-4.406	0	%100
18	M15	Z	0	0	0	%100
19	M19	X	-15.758	-15.758	0	%100
20	M19	Z	0	0	0	%100
21	M20	X	0	0	0	%100
22	M20	Z	0	0	0	%100
23	M21	X	-15.758	-15.758	0	%100
24	M21	Z	0	0	0	%100
25	M25	X	-24.48	-24.48	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
26	M25	Z	0	0	0	%100
27	M28	X	-6.12	-6.12	0	%100
28	M28	Z	0	0	0	%100
29	M31	X	-6.12	-6.12	0	%100
30	M31	Z	0	0	0	%100
31	MP1A	X	-9.98	-9.98	0	%100
32	MP1A	Z	0	0	0	%100
33	MP2A	X	-9.98	-9.98	0	%100
34	MP2A	Z	0	0	0	%100
35	MP3A	X	-9.98	-9.98	0	%100
36	MP3A	Z	0	0	0	%100
37	MP4A	X	-9.98	-9.98	0	%100
38	MP4A	Z	0	0	0	%100
39	MP5A	X	-9.98	-9.98	0	%100
40	MP5A	Z	0	0	0	%100
41	MP1C	X	-9.98	-9.98	0	%100
42	MP1C	Z	0	0	0	%100
43	MP2C	X	-9.98	-9.98	0	%100
44	MP2C	Z	0	0	0	%100
45	MP3C	X	-9.98	-9.98	0	%100
46	MP3C	Z	0	0	0	%100
47	MP4C	X	-9.98	-9.98	0	%100
48	MP4C	Z	0	0	0	%100
49	MP5C	X	-9.98	-9.98	0	%100
50	MP5C	Z	0	0	0	%100
51	MP1B	X	-9.98	-9.98	0	%100
52	MP1B	Z	0	0	0	%100
53	MP2B	X	-9.98	-9.98	0	%100
54	MP2B	Z	0	0	0	%100
55	MP3B	X	-9.98	-9.98	0	%100
56	MP3B	Z	0	0	0	%100
57	MP4B	X	-9.98	-9.98	0	%100
58	MP4B	Z	0	0	0	%100
59	MP5B	X	-9.98	-9.98	0	%100
60	MP5B	Z	0	0	0	%100
61	M76	X	-9.98	-9.98	0	%100
62	M76	Z	0	0	0	%100
63	M77	X	-8.161	-8.161	0	%100
64	M77	Z	0	0	0	%100
65	M72	X	-.379	-.379	0	%100
66	M72	Z	0	0	0	%100
67	M73	X	-.379	-.379	0	%100
68	M73	Z	0	0	0	%100
69	M76A	X	-6.761	-6.761	0	%100
70	M76A	Z	0	0	0	%100
71	M81A	X	-.379	-.379	0	%100
72	M81A	Z	0	0	0	%100
73	M82	X	-.379	-.379	0	%100
74	M82	Z	0	0	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	0	0	0	%100
77	M88	X	-9.061	-9.061	0	%100
78	M88	Z	0	0	0	%100
79	M94	X	-9.061	-9.061	0	%100
80	M94	Z	0	0	0	%100
81	M106	X	-11.034	-11.034	0	%100
82	M106	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
83	M107	X	-11.034	-11.034	0	%100
84	M107	Z	0	0	0	%100
85	M108	X	0	0	0	%100
86	M108	Z	0	0	0	%100
87	M109	X	-9.022	-9.022	0	%100
88	M109	Z	0	0	0	%100
89	M110	X	-9.022	-9.022	0	%100
90	M110	Z	0	0	0	%100
91	M111	X	-3.164	-3.164	0	%100
92	M111	Z	0	0	0	%100
93	M112	X	-15.62	-15.62	0	%100
94	M112	Z	0	0	0	%100
95	M113	X	-15.62	-15.62	0	%100
96	M113	Z	0	0	0	%100
97	M114	X	-3.164	-3.164	0	%100
98	M114	Z	0	0	0	%100
99	M115	X	0	0	0	%100
100	M115	Z	0	0	0	%100
101	M121	X	-9.061	-9.061	0	%100
102	M121	Z	0	0	0	%100
103	M127	X	-9.061	-9.061	0	%100
104	M127	Z	0	0	0	%100
105	M139	X	-11.034	-11.034	0	%100
106	M139	Z	0	0	0	%100
107	M140	X	-11.034	-11.034	0	%100
108	M140	Z	0	0	0	%100
109	M141	X	0	0	0	%100
110	M141	Z	0	0	0	%100
111	M146	X	-.379	-.379	0	%100
112	M146	Z	0	0	0	%100
113	M147	X	-.379	-.379	0	%100
114	M147	Z	0	0	0	%100
115	M152	X	-.379	-.379	0	%100
116	M152	Z	0	0	0	%100
117	M153	X	-.379	-.379	0	%100
118	M153	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-4.549	-4.549	0	%100
2	M1	Z	-2.626	-2.626	0	%100
3	M2	X	-4.549	-4.549	0	%100
4	M2	Z	-2.626	-2.626	0	%100
5	M3	X	-18.196	-18.196	0	%100
6	M3	Z	-10.506	-10.506	0	%100
7	M4	X	-11.448	-11.448	0	%100
8	M4	Z	-6.61	-6.61	0	%100
9	M5	X	-11.448	-11.448	0	%100
10	M5	Z	-6.61	-6.61	0	%100
11	M9	X	-11.448	-11.448	0	%100
12	M9	Z	-6.61	-6.61	0	%100
13	M10	X	-11.448	-11.448	0	%100
14	M10	Z	-6.61	-6.61	0	%100
15	M14	X	0	0	0	%100
16	M14	Z	0	0	0	%100
17	M15	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M15	Z	0	0	0	%100
19	M19	X	-18.196	-18.196	0	%100
20	M19	Z	-10.506	-10.506	0	%100
21	M20	X	-4.549	-4.549	0	%100
22	M20	Z	-2.626	-2.626	0	%100
23	M21	X	-4.549	-4.549	0	%100
24	M21	Z	-2.626	-2.626	0	%100
25	M25	X	-15.9	-15.9	0	%100
26	M25	Z	-9.18	-9.18	0	%100
27	M28	X	-15.9	-15.9	0	%100
28	M28	Z	-9.18	-9.18	0	%100
29	M31	X	0	0	0	%100
30	M31	Z	0	0	0	%100
31	MP1A	X	-8.643	-8.643	0	%100
32	MP1A	Z	-4.99	-4.99	0	%100
33	MP2A	X	-8.643	-8.643	0	%100
34	MP2A	Z	-4.99	-4.99	0	%100
35	MP3A	X	-8.643	-8.643	0	%100
36	MP3A	Z	-4.99	-4.99	0	%100
37	MP4A	X	-8.643	-8.643	0	%100
38	MP4A	Z	-4.99	-4.99	0	%100
39	MP5A	X	-8.643	-8.643	0	%100
40	MP5A	Z	-4.99	-4.99	0	%100
41	MP1C	X	-8.643	-8.643	0	%100
42	MP1C	Z	-4.99	-4.99	0	%100
43	MP2C	X	-8.643	-8.643	0	%100
44	MP2C	Z	-4.99	-4.99	0	%100
45	MP3C	X	-8.643	-8.643	0	%100
46	MP3C	Z	-4.99	-4.99	0	%100
47	MP4C	X	-8.643	-8.643	0	%100
48	MP4C	Z	-4.99	-4.99	0	%100
49	MP5C	X	-8.643	-8.643	0	%100
50	MP5C	Z	-4.99	-4.99	0	%100
51	MP1B	X	-8.643	-8.643	0	%100
52	MP1B	Z	-4.99	-4.99	0	%100
53	MP2B	X	-8.643	-8.643	0	%100
54	MP2B	Z	-4.99	-4.99	0	%100
55	MP3B	X	-8.643	-8.643	0	%100
56	MP3B	Z	-4.99	-4.99	0	%100
57	MP4B	X	-8.643	-8.643	0	%100
58	MP4B	Z	-4.99	-4.99	0	%100
59	MP5B	X	-8.643	-8.643	0	%100
60	MP5B	Z	-4.99	-4.99	0	%100
61	M76	X	-8.643	-8.643	0	%100
62	M76	Z	-4.99	-4.99	0	%100
63	M77	X	-7.068	-7.068	0	%100
64	M77	Z	-4.081	-4.081	0	%100
65	M72	X	-.986	-.986	0	%100
66	M72	Z	-.569	-.569	0	%100
67	M73	X	-.986	-.986	0	%100
68	M73	Z	-.569	-.569	0	%100
69	M76A	X	-5.855	-5.855	0	%100
70	M76A	Z	-3.38	-3.38	0	%100
71	M81A	X	-.986	-.986	0	%100
72	M81A	Z	-.569	-.569	0	%100
73	M82	X	-.986	-.986	0	%100
74	M82	Z	-.569	-.569	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	M82A	X	-2.616	-2.616	0	%100
76	M82A	Z	-1.51	-1.51	0	%100
77	M88	X	-2.616	-2.616	0	%100
78	M88	Z	-1.51	-1.51	0	%100
79	M94	X	-10.463	-10.463	0	%100
80	M94	Z	-6.041	-6.041	0	%100
81	M106	X	-3.185	-3.185	0	%100
82	M106	Z	-1.839	-1.839	0	%100
83	M107	X	-12.741	-12.741	0	%100
84	M107	Z	-7.356	-7.356	0	%100
85	M108	X	-3.185	-3.185	0	%100
86	M108	Z	-1.839	-1.839	0	%100
87	M109	X	-13.313	-13.313	0	%100
88	M109	Z	-7.686	-7.686	0	%100
89	M110	X	-2.526	-2.526	0	%100
90	M110	Z	-1.459	-1.459	0	%100
91	M111	X	-2.526	-2.526	0	%100
92	M111	Z	-1.459	-1.459	0	%100
93	M112	X	-13.313	-13.313	0	%100
94	M112	Z	-7.686	-7.686	0	%100
95	M113	X	-8.24	-8.24	0	%100
96	M113	Z	-4.758	-4.758	0	%100
97	M114	X	-8.24	-8.24	0	%100
98	M114	Z	-4.758	-4.758	0	%100
99	M115	X	-2.616	-2.616	0	%100
100	M115	Z	-1.51	-1.51	0	%100
101	M121	X	-2.616	-2.616	0	%100
102	M121	Z	-1.51	-1.51	0	%100
103	M127	X	-10.463	-10.463	0	%100
104	M127	Z	-6.041	-6.041	0	%100
105	M139	X	-3.185	-3.185	0	%100
106	M139	Z	-1.839	-1.839	0	%100
107	M140	X	-12.741	-12.741	0	%100
108	M140	Z	-7.356	-7.356	0	%100
109	M141	X	-3.185	-3.185	0	%100
110	M141	Z	-1.839	-1.839	0	%100
111	M146	X	-.986	-.986	0	%100
112	M146	Z	-.569	-.569	0	%100
113	M147	X	-.986	-.986	0	%100
114	M147	Z	-.569	-.569	0	%100
115	M152	X	-.986	-.986	0	%100
116	M152	Z	-.569	-.569	0	%100
117	M153	X	-.986	-.986	0	%100
118	M153	Z	-.569	-.569	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-7.879	-7.879	0	%100
2	M1	Z	-13.647	-13.647	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-7.879	-7.879	0	%100
6	M3	Z	-13.647	-13.647	0	%100
7	M4	X	-2.203	-2.203	0	%100
8	M4	Z	-3.816	-3.816	0	%100
9	M5	X	-2.203	-2.203	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	M5	Z	-3.816	-3.816	0	%100
11	M9	X	-8.813	-8.813	0	%100
12	M9	Z	-15.265	-15.265	0	%100
13	M10	X	-8.813	-8.813	0	%100
14	M10	Z	-15.265	-15.265	0	%100
15	M14	X	-2.203	-2.203	0	%100
16	M14	Z	-3.816	-3.816	0	%100
17	M15	X	-2.203	-2.203	0	%100
18	M15	Z	-3.816	-3.816	0	%100
19	M19	X	-7.879	-7.879	0	%100
20	M19	Z	-13.647	-13.647	0	%100
21	M20	X	-7.879	-7.879	0	%100
22	M20	Z	-13.647	-13.647	0	%100
23	M21	X	0	0	0	%100
24	M21	Z	0	0	0	%100
25	M25	X	-3.06	-3.06	0	%100
26	M25	Z	-5.3	-5.3	0	%100
27	M28	X	-12.24	-12.24	0	%100
28	M28	Z	-21.2	-21.2	0	%100
29	M31	X	-3.06	-3.06	0	%100
30	M31	Z	-5.3	-5.3	0	%100
31	MP1A	X	-4.99	-4.99	0	%100
32	MP1A	Z	-8.643	-8.643	0	%100
33	MP2A	X	-4.99	-4.99	0	%100
34	MP2A	Z	-8.643	-8.643	0	%100
35	MP3A	X	-4.99	-4.99	0	%100
36	MP3A	Z	-8.643	-8.643	0	%100
37	MP4A	X	-4.99	-4.99	0	%100
38	MP4A	Z	-8.643	-8.643	0	%100
39	MP5A	X	-4.99	-4.99	0	%100
40	MP5A	Z	-8.643	-8.643	0	%100
41	MP1C	X	-4.99	-4.99	0	%100
42	MP1C	Z	-8.643	-8.643	0	%100
43	MP2C	X	-4.99	-4.99	0	%100
44	MP2C	Z	-8.643	-8.643	0	%100
45	MP3C	X	-4.99	-4.99	0	%100
46	MP3C	Z	-8.643	-8.643	0	%100
47	MP4C	X	-4.99	-4.99	0	%100
48	MP4C	Z	-8.643	-8.643	0	%100
49	MP5C	X	-4.99	-4.99	0	%100
50	MP5C	Z	-8.643	-8.643	0	%100
51	MP1B	X	-4.99	-4.99	0	%100
52	MP1B	Z	-8.643	-8.643	0	%100
53	MP2B	X	-4.99	-4.99	0	%100
54	MP2B	Z	-8.643	-8.643	0	%100
55	MP3B	X	-4.99	-4.99	0	%100
56	MP3B	Z	-8.643	-8.643	0	%100
57	MP4B	X	-4.99	-4.99	0	%100
58	MP4B	Z	-8.643	-8.643	0	%100
59	MP5B	X	-4.99	-4.99	0	%100
60	MP5B	Z	-8.643	-8.643	0	%100
61	M76	X	-4.99	-4.99	0	%100
62	M76	Z	-8.643	-8.643	0	%100
63	M77	X	-4.081	-4.081	0	%100
64	M77	Z	-7.068	-7.068	0	%100
65	M72	X	-.759	-.759	0	%100
66	M72	Z	-1.314	-1.314	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	M73	X	-.759	-.759	0	%100
68	M73	Z	-1.314	-1.314	0	%100
69	M76A	X	-3.38	-3.38	0	%100
70	M76A	Z	-5.855	-5.855	0	%100
71	M81A	X	-.759	-.759	0	%100
72	M81A	Z	-1.314	-1.314	0	%100
73	M82	X	-.759	-.759	0	%100
74	M82	Z	-1.314	-1.314	0	%100
75	M82A	X	-4.531	-4.531	0	%100
76	M82A	Z	-7.847	-7.847	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	0	0	0	%100
79	M94	X	-4.531	-4.531	0	%100
80	M94	Z	-7.847	-7.847	0	%100
81	M106	X	0	0	0	%100
82	M106	Z	0	0	0	%100
83	M107	X	-5.517	-5.517	0	%100
84	M107	Z	-9.556	-9.556	0	%100
85	M108	X	-5.517	-5.517	0	%100
86	M108	Z	-9.556	-9.556	0	%100
87	M109	X	-7.81	-7.81	0	%100
88	M109	Z	-13.527	-13.527	0	%100
89	M110	X	-1.582	-1.582	0	%100
90	M110	Z	-2.74	-2.74	0	%100
91	M111	X	-4.511	-4.511	0	%100
92	M111	Z	-7.813	-7.813	0	%100
93	M112	X	-4.511	-4.511	0	%100
94	M112	Z	-7.813	-7.813	0	%100
95	M113	X	-1.582	-1.582	0	%100
96	M113	Z	-2.74	-2.74	0	%100
97	M114	X	-7.81	-7.81	0	%100
98	M114	Z	-13.527	-13.527	0	%100
99	M115	X	-4.531	-4.531	0	%100
100	M115	Z	-7.847	-7.847	0	%100
101	M121	X	0	0	0	%100
102	M121	Z	0	0	0	%100
103	M127	X	-4.531	-4.531	0	%100
104	M127	Z	-7.847	-7.847	0	%100
105	M139	X	0	0	0	%100
106	M139	Z	0	0	0	%100
107	M140	X	-5.517	-5.517	0	%100
108	M140	Z	-9.556	-9.556	0	%100
109	M141	X	-5.517	-5.517	0	%100
110	M141	Z	-9.556	-9.556	0	%100
111	M146	X	-.759	-.759	0	%100
112	M146	Z	-1.314	-1.314	0	%100
113	M147	X	-.759	-.759	0	%100
114	M147	Z	-1.314	-1.314	0	%100
115	M152	X	-.759	-.759	0	%100
116	M152	Z	-1.314	-1.314	0	%100
117	M153	X	-.759	-.759	0	%100
118	M153	Z	-1.314	-1.314	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
2	M1	Z	-5.547	-5.547	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-1.387	-1.387	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-1.387	-1.387	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M9	X	0	0	0	%100
12	M9	Z	-3.57	-3.57	0	%100
13	M10	X	0	0	0	%100
14	M10	Z	-3.57	-3.57	0	%100
15	M14	X	0	0	0	%100
16	M14	Z	-3.57	-3.57	0	%100
17	M15	X	0	0	0	%100
18	M15	Z	-3.57	-3.57	0	%100
19	M19	X	0	0	0	%100
20	M19	Z	-1.387	-1.387	0	%100
21	M20	X	0	0	0	%100
22	M20	Z	-5.547	-5.547	0	%100
23	M21	X	0	0	0	%100
24	M21	Z	-1.387	-1.387	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M28	X	0	0	0	%100
28	M28	Z	-4.376	-4.376	0	%100
29	M31	X	0	0	0	%100
30	M31	Z	-4.376	-4.376	0	%100
31	MP1A	X	0	0	0	%100
32	MP1A	Z	-3.567	-3.567	0	%100
33	MP2A	X	0	0	0	%100
34	MP2A	Z	-3.567	-3.567	0	%100
35	MP3A	X	0	0	0	%100
36	MP3A	Z	-3.567	-3.567	0	%100
37	MP4A	X	0	0	0	%100
38	MP4A	Z	-3.567	-3.567	0	%100
39	MP5A	X	0	0	0	%100
40	MP5A	Z	-3.567	-3.567	0	%100
41	MP1C	X	0	0	0	%100
42	MP1C	Z	-3.567	-3.567	0	%100
43	MP2C	X	0	0	0	%100
44	MP2C	Z	-3.567	-3.567	0	%100
45	MP3C	X	0	0	0	%100
46	MP3C	Z	-3.567	-3.567	0	%100
47	MP4C	X	0	0	0	%100
48	MP4C	Z	-3.567	-3.567	0	%100
49	MP5C	X	0	0	0	%100
50	MP5C	Z	-3.567	-3.567	0	%100
51	MP1B	X	0	0	0	%100
52	MP1B	Z	-3.567	-3.567	0	%100
53	MP2B	X	0	0	0	%100
54	MP2B	Z	-3.567	-3.567	0	%100
55	MP3B	X	0	0	0	%100
56	MP3B	Z	-3.567	-3.567	0	%100
57	MP4B	X	0	0	0	%100
58	MP4B	Z	-3.567	-3.567	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
59	MP5B	X	0	0	0	%100
60	MP5B	Z	-3.567	-3.567	0	%100
61	M76	X	0	0	0	%100
62	M76	Z	-3.567	-3.567	0	%100
63	M77	X	0	0	0	%100
64	M77	Z	-2.921	-2.921	0	%100
65	M72	X	0	0	0	%100
66	M72	Z	-.981	-.981	0	%100
67	M73	X	0	0	0	%100
68	M73	Z	-.981	-.981	0	%100
69	M76A	X	0	0	0	%100
70	M76A	Z	-2.418	-2.418	0	%100
71	M81A	X	0	0	0	%100
72	M81A	Z	-.981	-.981	0	%100
73	M82	X	0	0	0	%100
74	M82	Z	-.981	-.981	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	-3.944	-3.944	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	-.986	-.986	0	%100
79	M94	X	0	0	0	%100
80	M94	Z	-.986	-.986	0	%100
81	M106	X	0	0	0	%100
82	M106	Z	-.972	-.972	0	%100
83	M107	X	0	0	0	%100
84	M107	Z	-.972	-.972	0	%100
85	M108	X	0	0	0	%100
86	M108	Z	-3.888	-3.888	0	%100
87	M109	X	0	0	0	%100
88	M109	Z	-2.692	-2.692	0	%100
89	M110	X	0	0	0	%100
90	M110	Z	-2.692	-2.692	0	%100
91	M111	X	0	0	0	%100
92	M111	Z	-4.349	-4.349	0	%100
93	M112	X	0	0	0	%100
94	M112	Z	-.825	-.825	0	%100
95	M113	X	0	0	0	%100
96	M113	Z	-.825	-.825	0	%100
97	M114	X	0	0	0	%100
98	M114	Z	-4.349	-4.349	0	%100
99	M115	X	0	0	0	%100
100	M115	Z	-3.944	-3.944	0	%100
101	M121	X	0	0	0	%100
102	M121	Z	-.986	-.986	0	%100
103	M127	X	0	0	0	%100
104	M127	Z	-.986	-.986	0	%100
105	M139	X	0	0	0	%100
106	M139	Z	-.972	-.972	0	%100
107	M140	X	0	0	0	%100
108	M140	Z	-.972	-.972	0	%100
109	M141	X	0	0	0	%100
110	M141	Z	-3.888	-3.888	0	%100
111	M146	X	0	0	0	%100
112	M146	Z	-.981	-.981	0	%100
113	M147	X	0	0	0	%100
114	M147	Z	-.981	-.981	0	%100
115	M152	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
116	M152	Z	-.981	-.981	0	%100
117	M153	X	0	0	0	%100
118	M153	Z	-.981	-.981	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.08	2.08	0	%100
2	M1	Z	-3.603	-3.603	0	%100
3	M2	X	2.08	2.08	0	%100
4	M2	Z	-3.603	-3.603	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	.595	.595	0	%100
8	M4	Z	-1.031	-1.031	0	%100
9	M5	X	.595	.595	0	%100
10	M5	Z	-1.031	-1.031	0	%100
11	M9	X	.595	.595	0	%100
12	M9	Z	-1.031	-1.031	0	%100
13	M10	X	.595	.595	0	%100
14	M10	Z	-1.031	-1.031	0	%100
15	M14	X	2.38	2.38	0	%100
16	M14	Z	-4.123	-4.123	0	%100
17	M15	X	2.38	2.38	0	%100
18	M15	Z	-4.123	-4.123	0	%100
19	M19	X	0	0	0	%100
20	M19	Z	0	0	0	%100
21	M20	X	2.08	2.08	0	%100
22	M20	Z	-3.603	-3.603	0	%100
23	M21	X	2.08	2.08	0	%100
24	M21	Z	-3.603	-3.603	0	%100
25	M25	X	.729	.729	0	%100
26	M25	Z	-1.263	-1.263	0	%100
27	M28	X	.729	.729	0	%100
28	M28	Z	-1.263	-1.263	0	%100
29	M31	X	2.917	2.917	0	%100
30	M31	Z	-5.053	-5.053	0	%100
31	MP1A	X	1.783	1.783	0	%100
32	MP1A	Z	-3.089	-3.089	0	%100
33	MP2A	X	1.783	1.783	0	%100
34	MP2A	Z	-3.089	-3.089	0	%100
35	MP3A	X	1.783	1.783	0	%100
36	MP3A	Z	-3.089	-3.089	0	%100
37	MP4A	X	1.783	1.783	0	%100
38	MP4A	Z	-3.089	-3.089	0	%100
39	MP5A	X	1.783	1.783	0	%100
40	MP5A	Z	-3.089	-3.089	0	%100
41	MP1C	X	1.783	1.783	0	%100
42	MP1C	Z	-3.089	-3.089	0	%100
43	MP2C	X	1.783	1.783	0	%100
44	MP2C	Z	-3.089	-3.089	0	%100
45	MP3C	X	1.783	1.783	0	%100
46	MP3C	Z	-3.089	-3.089	0	%100
47	MP4C	X	1.783	1.783	0	%100
48	MP4C	Z	-3.089	-3.089	0	%100
49	MP5C	X	1.783	1.783	0	%100
50	MP5C	Z	-3.089	-3.089	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
51	MP1B	X	1.783	1.783	0	%100
52	MP1B	Z	-3.089	-3.089	0	%100
53	MP2B	X	1.783	1.783	0	%100
54	MP2B	Z	-3.089	-3.089	0	%100
55	MP3B	X	1.783	1.783	0	%100
56	MP3B	Z	-3.089	-3.089	0	%100
57	MP4B	X	1.783	1.783	0	%100
58	MP4B	Z	-3.089	-3.089	0	%100
59	MP5B	X	1.783	1.783	0	%100
60	MP5B	Z	-3.089	-3.089	0	%100
61	M76	X	1.783	1.783	0	%100
62	M76	Z	-3.089	-3.089	0	%100
63	M77	X	1.461	1.461	0	%100
64	M77	Z	-2.53	-2.53	0	%100
65	M72	X	.163	.163	0	%100
66	M72	Z	-.283	-.283	0	%100
67	M73	X	.163	.163	0	%100
68	M73	Z	-.283	-.283	0	%100
69	M76A	X	1.209	1.209	0	%100
70	M76A	Z	-2.094	-2.094	0	%100
71	M81A	X	.163	.163	0	%100
72	M81A	Z	-.283	-.283	0	%100
73	M82	X	.163	.163	0	%100
74	M82	Z	-.283	-.283	0	%100
75	M82A	X	1.479	1.479	0	%100
76	M82A	Z	-2.562	-2.562	0	%100
77	M88	X	1.479	1.479	0	%100
78	M88	Z	-2.562	-2.562	0	%100
79	M94	X	0	0	0	%100
80	M94	Z	0	0	0	%100
81	M106	X	1.458	1.458	0	%100
82	M106	Z	-2.526	-2.526	0	%100
83	M107	X	0	0	0	%100
84	M107	Z	0	0	0	%100
85	M108	X	1.458	1.458	0	%100
86	M108	Z	-2.526	-2.526	0	%100
87	M109	X	.448	.448	0	%100
88	M109	Z	-.775	-.775	0	%100
89	M110	X	2.209	2.209	0	%100
90	M110	Z	-3.826	-3.826	0	%100
91	M111	X	2.209	2.209	0	%100
92	M111	Z	-3.826	-3.826	0	%100
93	M112	X	.448	.448	0	%100
94	M112	Z	-.775	-.775	0	%100
95	M113	X	1.276	1.276	0	%100
96	M113	Z	-2.21	-2.21	0	%100
97	M114	X	1.276	1.276	0	%100
98	M114	Z	-2.21	-2.21	0	%100
99	M115	X	1.479	1.479	0	%100
100	M115	Z	-2.562	-2.562	0	%100
101	M121	X	1.479	1.479	0	%100
102	M121	Z	-2.562	-2.562	0	%100
103	M127	X	0	0	0	%100
104	M127	Z	0	0	0	%100
105	M139	X	1.458	1.458	0	%100
106	M139	Z	-2.526	-2.526	0	%100
107	M140	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
108	M140	Z	0	0	0	%100
109	M141	X	1.458	1.458	0	%100
110	M141	Z	-2.526	-2.526	0	%100
111	M146	X	.163	.163	0	%100
112	M146	Z	-.283	-.283	0	%100
113	M147	X	.163	.163	0	%100
114	M147	Z	-.283	-.283	0	%100
115	M152	X	.163	.163	0	%100
116	M152	Z	-.283	-.283	0	%100
117	M153	X	.163	.163	0	%100
118	M153	Z	-.283	-.283	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.201	1.201	0	%100
2	M1	Z	-.693	-.693	0	%100
3	M2	X	4.804	4.804	0	%100
4	M2	Z	-2.774	-2.774	0	%100
5	M3	X	1.201	1.201	0	%100
6	M3	Z	-.693	-.693	0	%100
7	M4	X	3.092	3.092	0	%100
8	M4	Z	-1.785	-1.785	0	%100
9	M5	X	3.092	3.092	0	%100
10	M5	Z	-1.785	-1.785	0	%100
11	M9	X	0	0	0	%100
12	M9	Z	0	0	0	%100
13	M10	X	0	0	0	%100
14	M10	Z	0	0	0	%100
15	M14	X	3.092	3.092	0	%100
16	M14	Z	-1.785	-1.785	0	%100
17	M15	X	3.092	3.092	0	%100
18	M15	Z	-1.785	-1.785	0	%100
19	M19	X	1.201	1.201	0	%100
20	M19	Z	-.693	-.693	0	%100
21	M20	X	1.201	1.201	0	%100
22	M20	Z	-.693	-.693	0	%100
23	M21	X	4.804	4.804	0	%100
24	M21	Z	-2.774	-2.774	0	%100
25	M25	X	3.789	3.789	0	%100
26	M25	Z	-2.188	-2.188	0	%100
27	M28	X	0	0	0	%100
28	M28	Z	0	0	0	%100
29	M31	X	3.789	3.789	0	%100
30	M31	Z	-2.188	-2.188	0	%100
31	MP1A	X	3.089	3.089	0	%100
32	MP1A	Z	-1.783	-1.783	0	%100
33	MP2A	X	3.089	3.089	0	%100
34	MP2A	Z	-1.783	-1.783	0	%100
35	MP3A	X	3.089	3.089	0	%100
36	MP3A	Z	-1.783	-1.783	0	%100
37	MP4A	X	3.089	3.089	0	%100
38	MP4A	Z	-1.783	-1.783	0	%100
39	MP5A	X	3.089	3.089	0	%100
40	MP5A	Z	-1.783	-1.783	0	%100
41	MP1C	X	3.089	3.089	0	%100
42	MP1C	Z	-1.783	-1.783	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
43	MP2C	X	3.089	3.089	0	%100
44	MP2C	Z	-1.783	-1.783	0	%100
45	MP3C	X	3.089	3.089	0	%100
46	MP3C	Z	-1.783	-1.783	0	%100
47	MP4C	X	3.089	3.089	0	%100
48	MP4C	Z	-1.783	-1.783	0	%100
49	MP5C	X	3.089	3.089	0	%100
50	MP5C	Z	-1.783	-1.783	0	%100
51	MP1B	X	3.089	3.089	0	%100
52	MP1B	Z	-1.783	-1.783	0	%100
53	MP2B	X	3.089	3.089	0	%100
54	MP2B	Z	-1.783	-1.783	0	%100
55	MP3B	X	3.089	3.089	0	%100
56	MP3B	Z	-1.783	-1.783	0	%100
57	MP4B	X	3.089	3.089	0	%100
58	MP4B	Z	-1.783	-1.783	0	%100
59	MP5B	X	3.089	3.089	0	%100
60	MP5B	Z	-1.783	-1.783	0	%100
61	M76	X	3.089	3.089	0	%100
62	M76	Z	-1.783	-1.783	0	%100
63	M77	X	2.53	2.53	0	%100
64	M77	Z	-1.461	-1.461	0	%100
65	M72	X	0	0	0	%100
66	M72	Z	0	0	0	%100
67	M73	X	0	0	0	%100
68	M73	Z	0	0	0	%100
69	M76A	X	2.094	2.094	0	%100
70	M76A	Z	-1.209	-1.209	0	%100
71	M81A	X	0	0	0	%100
72	M81A	Z	0	0	0	%100
73	M82	X	0	0	0	%100
74	M82	Z	0	0	0	%100
75	M82A	X	.854	.854	0	%100
76	M82A	Z	-.493	-.493	0	%100
77	M88	X	3.415	3.415	0	%100
78	M88	Z	-1.972	-1.972	0	%100
79	M94	X	.854	.854	0	%100
80	M94	Z	-.493	-.493	0	%100
81	M106	X	3.367	3.367	0	%100
82	M106	Z	-1.944	-1.944	0	%100
83	M107	X	.842	.842	0	%100
84	M107	Z	-.486	-.486	0	%100
85	M108	X	.842	.842	0	%100
86	M108	Z	-.486	-.486	0	%100
87	M109	X	.715	.715	0	%100
88	M109	Z	-.413	-.413	0	%100
89	M110	X	3.766	3.766	0	%100
90	M110	Z	-2.174	-2.174	0	%100
91	M111	X	2.331	2.331	0	%100
92	M111	Z	-1.346	-1.346	0	%100
93	M112	X	2.331	2.331	0	%100
94	M112	Z	-1.346	-1.346	0	%100
95	M113	X	3.766	3.766	0	%100
96	M113	Z	-2.174	-2.174	0	%100
97	M114	X	.715	.715	0	%100
98	M114	Z	-.413	-.413	0	%100
99	M115	X	.854	.854	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
100	M115	Z	-.493	-.493	0	%100
101	M121	X	3.415	3.415	0	%100
102	M121	Z	-1.972	-1.972	0	%100
103	M127	X	.854	.854	0	%100
104	M127	Z	-.493	-.493	0	%100
105	M139	X	3.367	3.367	0	%100
106	M139	Z	-1.944	-1.944	0	%100
107	M140	X	.842	.842	0	%100
108	M140	Z	-.486	-.486	0	%100
109	M141	X	.842	.842	0	%100
110	M141	Z	-.486	-.486	0	%100
111	M146	X	0	0	0	%100
112	M146	Z	0	0	0	%100
113	M147	X	0	0	0	%100
114	M147	Z	0	0	0	%100
115	M152	X	0	0	0	%100
116	M152	Z	0	0	0	%100
117	M153	X	0	0	0	%100
118	M153	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	4.16	4.16	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	4.16	4.16	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	4.76	4.76	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	4.76	4.76	0	%100
10	M5	Z	0	0	0	%100
11	M9	X	1.19	1.19	0	%100
12	M9	Z	0	0	0	%100
13	M10	X	1.19	1.19	0	%100
14	M10	Z	0	0	0	%100
15	M14	X	1.19	1.19	0	%100
16	M14	Z	0	0	0	%100
17	M15	X	1.19	1.19	0	%100
18	M15	Z	0	0	0	%100
19	M19	X	4.16	4.16	0	%100
20	M19	Z	0	0	0	%100
21	M20	X	0	0	0	%100
22	M20	Z	0	0	0	%100
23	M21	X	4.16	4.16	0	%100
24	M21	Z	0	0	0	%100
25	M25	X	5.834	5.834	0	%100
26	M25	Z	0	0	0	%100
27	M28	X	1.459	1.459	0	%100
28	M28	Z	0	0	0	%100
29	M31	X	1.459	1.459	0	%100
30	M31	Z	0	0	0	%100
31	MP1A	X	3.567	3.567	0	%100
32	MP1A	Z	0	0	0	%100
33	MP2A	X	3.567	3.567	0	%100
34	MP2A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
35	MP3A	X	3.567	3.567	0	%100
36	MP3A	Z	0	0	0	%100
37	MP4A	X	3.567	3.567	0	%100
38	MP4A	Z	0	0	0	%100
39	MP5A	X	3.567	3.567	0	%100
40	MP5A	Z	0	0	0	%100
41	MP1C	X	3.567	3.567	0	%100
42	MP1C	Z	0	0	0	%100
43	MP2C	X	3.567	3.567	0	%100
44	MP2C	Z	0	0	0	%100
45	MP3C	X	3.567	3.567	0	%100
46	MP3C	Z	0	0	0	%100
47	MP4C	X	3.567	3.567	0	%100
48	MP4C	Z	0	0	0	%100
49	MP5C	X	3.567	3.567	0	%100
50	MP5C	Z	0	0	0	%100
51	MP1B	X	3.567	3.567	0	%100
52	MP1B	Z	0	0	0	%100
53	MP2B	X	3.567	3.567	0	%100
54	MP2B	Z	0	0	0	%100
55	MP3B	X	3.567	3.567	0	%100
56	MP3B	Z	0	0	0	%100
57	MP4B	X	3.567	3.567	0	%100
58	MP4B	Z	0	0	0	%100
59	MP5B	X	3.567	3.567	0	%100
60	MP5B	Z	0	0	0	%100
61	M76	X	3.567	3.567	0	%100
62	M76	Z	0	0	0	%100
63	M77	X	2.921	2.921	0	%100
64	M77	Z	0	0	0	%100
65	M72	X	.327	.327	0	%100
66	M72	Z	0	0	0	%100
67	M73	X	.327	.327	0	%100
68	M73	Z	0	0	0	%100
69	M76A	X	2.418	2.418	0	%100
70	M76A	Z	0	0	0	%100
71	M81A	X	.327	.327	0	%100
72	M81A	Z	0	0	0	%100
73	M82	X	.327	.327	0	%100
74	M82	Z	0	0	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	0	0	0	%100
77	M88	X	2.958	2.958	0	%100
78	M88	Z	0	0	0	%100
79	M94	X	2.958	2.958	0	%100
80	M94	Z	0	0	0	%100
81	M106	X	2.916	2.916	0	%100
82	M106	Z	0	0	0	%100
83	M107	X	2.916	2.916	0	%100
84	M107	Z	0	0	0	%100
85	M108	X	0	0	0	%100
86	M108	Z	0	0	0	%100
87	M109	X	2.552	2.552	0	%100
88	M109	Z	0	0	0	%100
89	M110	X	2.552	2.552	0	%100
90	M110	Z	0	0	0	%100
91	M111	X	.895	.895	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
92	M111	Z	0	0	0	%100
93	M112	X	4.418	4.418	0	%100
94	M112	Z	0	0	0	%100
95	M113	X	4.418	4.418	0	%100
96	M113	Z	0	0	0	%100
97	M114	X	.895	.895	0	%100
98	M114	Z	0	0	0	%100
99	M115	X	0	0	0	%100
100	M115	Z	0	0	0	%100
101	M121	X	2.958	2.958	0	%100
102	M121	Z	0	0	0	%100
103	M127	X	2.958	2.958	0	%100
104	M127	Z	0	0	0	%100
105	M139	X	2.916	2.916	0	%100
106	M139	Z	0	0	0	%100
107	M140	X	2.916	2.916	0	%100
108	M140	Z	0	0	0	%100
109	M141	X	0	0	0	%100
110	M141	Z	0	0	0	%100
111	M146	X	.327	.327	0	%100
112	M146	Z	0	0	0	%100
113	M147	X	.327	.327	0	%100
114	M147	Z	0	0	0	%100
115	M152	X	.327	.327	0	%100
116	M152	Z	0	0	0	%100
117	M153	X	.327	.327	0	%100
118	M153	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.201	1.201	0	%100
2	M1	Z	.693	.693	0	%100
3	M2	X	1.201	1.201	0	%100
4	M2	Z	.693	.693	0	%100
5	M3	X	4.804	4.804	0	%100
6	M3	Z	2.774	2.774	0	%100
7	M4	X	3.092	3.092	0	%100
8	M4	Z	1.785	1.785	0	%100
9	M5	X	3.092	3.092	0	%100
10	M5	Z	1.785	1.785	0	%100
11	M9	X	3.092	3.092	0	%100
12	M9	Z	1.785	1.785	0	%100
13	M10	X	3.092	3.092	0	%100
14	M10	Z	1.785	1.785	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	M19	X	4.804	4.804	0	%100
20	M19	Z	2.774	2.774	0	%100
21	M20	X	1.201	1.201	0	%100
22	M20	Z	.693	.693	0	%100
23	M21	X	1.201	1.201	0	%100
24	M21	Z	.693	.693	0	%100
25	M25	X	3.789	3.789	0	%100
26	M25	Z	2.188	2.188	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
27	M28	X	3.789	3.789	0	%100
28	M28	Z	2.188	2.188	0	%100
29	M31	X	0	0	0	%100
30	M31	Z	0	0	0	%100
31	MP1A	X	3.089	3.089	0	%100
32	MP1A	Z	1.783	1.783	0	%100
33	MP2A	X	3.089	3.089	0	%100
34	MP2A	Z	1.783	1.783	0	%100
35	MP3A	X	3.089	3.089	0	%100
36	MP3A	Z	1.783	1.783	0	%100
37	MP4A	X	3.089	3.089	0	%100
38	MP4A	Z	1.783	1.783	0	%100
39	MP5A	X	3.089	3.089	0	%100
40	MP5A	Z	1.783	1.783	0	%100
41	MP1C	X	3.089	3.089	0	%100
42	MP1C	Z	1.783	1.783	0	%100
43	MP2C	X	3.089	3.089	0	%100
44	MP2C	Z	1.783	1.783	0	%100
45	MP3C	X	3.089	3.089	0	%100
46	MP3C	Z	1.783	1.783	0	%100
47	MP4C	X	3.089	3.089	0	%100
48	MP4C	Z	1.783	1.783	0	%100
49	MP5C	X	3.089	3.089	0	%100
50	MP5C	Z	1.783	1.783	0	%100
51	MP1B	X	3.089	3.089	0	%100
52	MP1B	Z	1.783	1.783	0	%100
53	MP2B	X	3.089	3.089	0	%100
54	MP2B	Z	1.783	1.783	0	%100
55	MP3B	X	3.089	3.089	0	%100
56	MP3B	Z	1.783	1.783	0	%100
57	MP4B	X	3.089	3.089	0	%100
58	MP4B	Z	1.783	1.783	0	%100
59	MP5B	X	3.089	3.089	0	%100
60	MP5B	Z	1.783	1.783	0	%100
61	M76	X	3.089	3.089	0	%100
62	M76	Z	1.783	1.783	0	%100
63	M77	X	2.53	2.53	0	%100
64	M77	Z	1.461	1.461	0	%100
65	M72	X	.849	.849	0	%100
66	M72	Z	.49	.49	0	%100
67	M73	X	.849	.849	0	%100
68	M73	Z	.49	.49	0	%100
69	M76A	X	2.094	2.094	0	%100
70	M76A	Z	1.209	1.209	0	%100
71	M81A	X	.849	.849	0	%100
72	M81A	Z	.49	.49	0	%100
73	M82	X	.849	.849	0	%100
74	M82	Z	.49	.49	0	%100
75	M82A	X	.854	.854	0	%100
76	M82A	Z	.493	.493	0	%100
77	M88	X	.854	.854	0	%100
78	M88	Z	.493	.493	0	%100
79	M94	X	3.415	3.415	0	%100
80	M94	Z	1.972	1.972	0	%100
81	M106	X	.842	.842	0	%100
82	M106	Z	.486	.486	0	%100
83	M107	X	3.367	3.367	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
84	M107	Z	1.944	1.944	0	%100
85	M108	X	.842	.842	0	%100
86	M108	Z	.486	.486	0	%100
87	M109	X	3.766	3.766	0	%100
88	M109	Z	2.174	2.174	0	%100
89	M110	X	.715	.715	0	%100
90	M110	Z	.413	.413	0	%100
91	M111	X	.715	.715	0	%100
92	M111	Z	.413	.413	0	%100
93	M112	X	3.766	3.766	0	%100
94	M112	Z	2.174	2.174	0	%100
95	M113	X	2.331	2.331	0	%100
96	M113	Z	1.346	1.346	0	%100
97	M114	X	2.331	2.331	0	%100
98	M114	Z	1.346	1.346	0	%100
99	M115	X	.854	.854	0	%100
100	M115	Z	.493	.493	0	%100
101	M121	X	.854	.854	0	%100
102	M121	Z	.493	.493	0	%100
103	M127	X	3.415	3.415	0	%100
104	M127	Z	1.972	1.972	0	%100
105	M139	X	.842	.842	0	%100
106	M139	Z	.486	.486	0	%100
107	M140	X	3.367	3.367	0	%100
108	M140	Z	1.944	1.944	0	%100
109	M141	X	.842	.842	0	%100
110	M141	Z	.486	.486	0	%100
111	M146	X	.849	.849	0	%100
112	M146	Z	.49	.49	0	%100
113	M147	X	.849	.849	0	%100
114	M147	Z	.49	.49	0	%100
115	M152	X	.849	.849	0	%100
116	M152	Z	.49	.49	0	%100
117	M153	X	.849	.849	0	%100
118	M153	Z	.49	.49	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.08	2.08	0	%100
2	M1	Z	3.603	3.603	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	2.08	2.08	0	%100
6	M3	Z	3.603	3.603	0	%100
7	M4	X	.595	.595	0	%100
8	M4	Z	1.031	1.031	0	%100
9	M5	X	.595	.595	0	%100
10	M5	Z	1.031	1.031	0	%100
11	M9	X	2.38	2.38	0	%100
12	M9	Z	4.123	4.123	0	%100
13	M10	X	2.38	2.38	0	%100
14	M10	Z	4.123	4.123	0	%100
15	M14	X	.595	.595	0	%100
16	M14	Z	1.031	1.031	0	%100
17	M15	X	.595	.595	0	%100
18	M15	Z	1.031	1.031	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
19	M19	X	2.08	2.08	0	%100
20	M19	Z	3.603	3.603	0	%100
21	M20	X	2.08	2.08	0	%100
22	M20	Z	3.603	3.603	0	%100
23	M21	X	0	0	0	%100
24	M21	Z	0	0	0	%100
25	M25	X	.729	.729	0	%100
26	M25	Z	1.263	1.263	0	%100
27	M28	X	2.917	2.917	0	%100
28	M28	Z	5.053	5.053	0	%100
29	M31	X	.729	.729	0	%100
30	M31	Z	1.263	1.263	0	%100
31	MP1A	X	1.783	1.783	0	%100
32	MP1A	Z	3.089	3.089	0	%100
33	MP2A	X	1.783	1.783	0	%100
34	MP2A	Z	3.089	3.089	0	%100
35	MP3A	X	1.783	1.783	0	%100
36	MP3A	Z	3.089	3.089	0	%100
37	MP4A	X	1.783	1.783	0	%100
38	MP4A	Z	3.089	3.089	0	%100
39	MP5A	X	1.783	1.783	0	%100
40	MP5A	Z	3.089	3.089	0	%100
41	MP1C	X	1.783	1.783	0	%100
42	MP1C	Z	3.089	3.089	0	%100
43	MP2C	X	1.783	1.783	0	%100
44	MP2C	Z	3.089	3.089	0	%100
45	MP3C	X	1.783	1.783	0	%100
46	MP3C	Z	3.089	3.089	0	%100
47	MP4C	X	1.783	1.783	0	%100
48	MP4C	Z	3.089	3.089	0	%100
49	MP5C	X	1.783	1.783	0	%100
50	MP5C	Z	3.089	3.089	0	%100
51	MP1B	X	1.783	1.783	0	%100
52	MP1B	Z	3.089	3.089	0	%100
53	MP2B	X	1.783	1.783	0	%100
54	MP2B	Z	3.089	3.089	0	%100
55	MP3B	X	1.783	1.783	0	%100
56	MP3B	Z	3.089	3.089	0	%100
57	MP4B	X	1.783	1.783	0	%100
58	MP4B	Z	3.089	3.089	0	%100
59	MP5B	X	1.783	1.783	0	%100
60	MP5B	Z	3.089	3.089	0	%100
61	M76	X	1.783	1.783	0	%100
62	M76	Z	3.089	3.089	0	%100
63	M77	X	1.461	1.461	0	%100
64	M77	Z	2.53	2.53	0	%100
65	M72	X	.654	.654	0	%100
66	M72	Z	1.132	1.132	0	%100
67	M73	X	.654	.654	0	%100
68	M73	Z	1.132	1.132	0	%100
69	M76A	X	1.209	1.209	0	%100
70	M76A	Z	2.094	2.094	0	%100
71	M81A	X	.654	.654	0	%100
72	M81A	Z	1.132	1.132	0	%100
73	M82	X	.654	.654	0	%100
74	M82	Z	1.132	1.132	0	%100
75	M82A	X	1.479	1.479	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
76	M82A	Z	2.562	2.562	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	0	0	0	%100
79	M94	X	1.479	1.479	0	%100
80	M94	Z	2.562	2.562	0	%100
81	M106	X	0	0	0	%100
82	M106	Z	0	0	0	%100
83	M107	X	1.458	1.458	0	%100
84	M107	Z	2.526	2.526	0	%100
85	M108	X	1.458	1.458	0	%100
86	M108	Z	2.526	2.526	0	%100
87	M109	X	2.209	2.209	0	%100
88	M109	Z	3.826	3.826	0	%100
89	M110	X	.448	.448	0	%100
90	M110	Z	.775	.775	0	%100
91	M111	X	1.276	1.276	0	%100
92	M111	Z	2.21	2.21	0	%100
93	M112	X	1.276	1.276	0	%100
94	M112	Z	2.21	2.21	0	%100
95	M113	X	.448	.448	0	%100
96	M113	Z	.775	.775	0	%100
97	M114	X	2.209	2.209	0	%100
98	M114	Z	3.826	3.826	0	%100
99	M115	X	1.479	1.479	0	%100
100	M115	Z	2.562	2.562	0	%100
101	M121	X	0	0	0	%100
102	M121	Z	0	0	0	%100
103	M127	X	1.479	1.479	0	%100
104	M127	Z	2.562	2.562	0	%100
105	M139	X	0	0	0	%100
106	M139	Z	0	0	0	%100
107	M140	X	1.458	1.458	0	%100
108	M140	Z	2.526	2.526	0	%100
109	M141	X	1.458	1.458	0	%100
110	M141	Z	2.526	2.526	0	%100
111	M146	X	.654	.654	0	%100
112	M146	Z	1.132	1.132	0	%100
113	M147	X	.654	.654	0	%100
114	M147	Z	1.132	1.132	0	%100
115	M152	X	.654	.654	0	%100
116	M152	Z	1.132	1.132	0	%100
117	M153	X	.654	.654	0	%100
118	M153	Z	1.132	1.132	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	5.547	5.547	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	1.387	1.387	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	1.387	1.387	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
11	M9	X	0	0	0	%100
12	M9	Z	3.57	3.57	0	%100
13	M10	X	0	0	0	%100
14	M10	Z	3.57	3.57	0	%100
15	M14	X	0	0	0	%100
16	M14	Z	3.57	3.57	0	%100
17	M15	X	0	0	0	%100
18	M15	Z	3.57	3.57	0	%100
19	M19	X	0	0	0	%100
20	M19	Z	1.387	1.387	0	%100
21	M20	X	0	0	0	%100
22	M20	Z	5.547	5.547	0	%100
23	M21	X	0	0	0	%100
24	M21	Z	1.387	1.387	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M28	X	0	0	0	%100
28	M28	Z	4.376	4.376	0	%100
29	M31	X	0	0	0	%100
30	M31	Z	4.376	4.376	0	%100
31	MP1A	X	0	0	0	%100
32	MP1A	Z	3.567	3.567	0	%100
33	MP2A	X	0	0	0	%100
34	MP2A	Z	3.567	3.567	0	%100
35	MP3A	X	0	0	0	%100
36	MP3A	Z	3.567	3.567	0	%100
37	MP4A	X	0	0	0	%100
38	MP4A	Z	3.567	3.567	0	%100
39	MP5A	X	0	0	0	%100
40	MP5A	Z	3.567	3.567	0	%100
41	MP1C	X	0	0	0	%100
42	MP1C	Z	3.567	3.567	0	%100
43	MP2C	X	0	0	0	%100
44	MP2C	Z	3.567	3.567	0	%100
45	MP3C	X	0	0	0	%100
46	MP3C	Z	3.567	3.567	0	%100
47	MP4C	X	0	0	0	%100
48	MP4C	Z	3.567	3.567	0	%100
49	MP5C	X	0	0	0	%100
50	MP5C	Z	3.567	3.567	0	%100
51	MP1B	X	0	0	0	%100
52	MP1B	Z	3.567	3.567	0	%100
53	MP2B	X	0	0	0	%100
54	MP2B	Z	3.567	3.567	0	%100
55	MP3B	X	0	0	0	%100
56	MP3B	Z	3.567	3.567	0	%100
57	MP4B	X	0	0	0	%100
58	MP4B	Z	3.567	3.567	0	%100
59	MP5B	X	0	0	0	%100
60	MP5B	Z	3.567	3.567	0	%100
61	M76	X	0	0	0	%100
62	M76	Z	3.567	3.567	0	%100
63	M77	X	0	0	0	%100
64	M77	Z	2.921	2.921	0	%100
65	M72	X	0	0	0	%100
66	M72	Z	.981	.981	0	%100
67	M73	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
68	M73	Z	.981	.981	0	%100
69	M76A	X	0	0	0	%100
70	M76A	Z	2.418	2.418	0	%100
71	M81A	X	0	0	0	%100
72	M81A	Z	.981	.981	0	%100
73	M82	X	0	0	0	%100
74	M82	Z	.981	.981	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	3.944	3.944	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	.986	.986	0	%100
79	M94	X	0	0	0	%100
80	M94	Z	.986	.986	0	%100
81	M106	X	0	0	0	%100
82	M106	Z	.972	.972	0	%100
83	M107	X	0	0	0	%100
84	M107	Z	.972	.972	0	%100
85	M108	X	0	0	0	%100
86	M108	Z	3.888	3.888	0	%100
87	M109	X	0	0	0	%100
88	M109	Z	2.692	2.692	0	%100
89	M110	X	0	0	0	%100
90	M110	Z	2.692	2.692	0	%100
91	M111	X	0	0	0	%100
92	M111	Z	4.349	4.349	0	%100
93	M112	X	0	0	0	%100
94	M112	Z	.825	.825	0	%100
95	M113	X	0	0	0	%100
96	M113	Z	.825	.825	0	%100
97	M114	X	0	0	0	%100
98	M114	Z	4.349	4.349	0	%100
99	M115	X	0	0	0	%100
100	M115	Z	3.944	3.944	0	%100
101	M121	X	0	0	0	%100
102	M121	Z	.986	.986	0	%100
103	M127	X	0	0	0	%100
104	M127	Z	.986	.986	0	%100
105	M139	X	0	0	0	%100
106	M139	Z	.972	.972	0	%100
107	M140	X	0	0	0	%100
108	M140	Z	.972	.972	0	%100
109	M141	X	0	0	0	%100
110	M141	Z	3.888	3.888	0	%100
111	M146	X	0	0	0	%100
112	M146	Z	.981	.981	0	%100
113	M147	X	0	0	0	%100
114	M147	Z	.981	.981	0	%100
115	M152	X	0	0	0	%100
116	M152	Z	.981	.981	0	%100
117	M153	X	0	0	0	%100
118	M153	Z	.981	.981	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.08	-2.08	0	%100
2	M1	Z	3.603	3.603	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
3	M2	X	-2.08	-2.08	0	%100
4	M2	Z	3.603	3.603	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-.595	-.595	0	%100
8	M4	Z	1.031	1.031	0	%100
9	M5	X	-.595	-.595	0	%100
10	M5	Z	1.031	1.031	0	%100
11	M9	X	-.595	-.595	0	%100
12	M9	Z	1.031	1.031	0	%100
13	M10	X	-.595	-.595	0	%100
14	M10	Z	1.031	1.031	0	%100
15	M14	X	-2.38	-2.38	0	%100
16	M14	Z	4.123	4.123	0	%100
17	M15	X	-2.38	-2.38	0	%100
18	M15	Z	4.123	4.123	0	%100
19	M19	X	0	0	0	%100
20	M19	Z	0	0	0	%100
21	M20	X	-2.08	-2.08	0	%100
22	M20	Z	3.603	3.603	0	%100
23	M21	X	-2.08	-2.08	0	%100
24	M21	Z	3.603	3.603	0	%100
25	M25	X	-.729	-.729	0	%100
26	M25	Z	1.263	1.263	0	%100
27	M28	X	-.729	-.729	0	%100
28	M28	Z	1.263	1.263	0	%100
29	M31	X	-2.917	-2.917	0	%100
30	M31	Z	5.053	5.053	0	%100
31	MP1A	X	-1.783	-1.783	0	%100
32	MP1A	Z	3.089	3.089	0	%100
33	MP2A	X	-1.783	-1.783	0	%100
34	MP2A	Z	3.089	3.089	0	%100
35	MP3A	X	-1.783	-1.783	0	%100
36	MP3A	Z	3.089	3.089	0	%100
37	MP4A	X	-1.783	-1.783	0	%100
38	MP4A	Z	3.089	3.089	0	%100
39	MP5A	X	-1.783	-1.783	0	%100
40	MP5A	Z	3.089	3.089	0	%100
41	MP1C	X	-1.783	-1.783	0	%100
42	MP1C	Z	3.089	3.089	0	%100
43	MP2C	X	-1.783	-1.783	0	%100
44	MP2C	Z	3.089	3.089	0	%100
45	MP3C	X	-1.783	-1.783	0	%100
46	MP3C	Z	3.089	3.089	0	%100
47	MP4C	X	-1.783	-1.783	0	%100
48	MP4C	Z	3.089	3.089	0	%100
49	MP5C	X	-1.783	-1.783	0	%100
50	MP5C	Z	3.089	3.089	0	%100
51	MP1B	X	-1.783	-1.783	0	%100
52	MP1B	Z	3.089	3.089	0	%100
53	MP2B	X	-1.783	-1.783	0	%100
54	MP2B	Z	3.089	3.089	0	%100
55	MP3B	X	-1.783	-1.783	0	%100
56	MP3B	Z	3.089	3.089	0	%100
57	MP4B	X	-1.783	-1.783	0	%100
58	MP4B	Z	3.089	3.089	0	%100
59	MP5B	X	-1.783	-1.783	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
60	MP5B	Z	3.089	3.089	0	%100
61	M76	X	-1.783	-1.783	0	%100
62	M76	Z	3.089	3.089	0	%100
63	M77	X	-1.461	-1.461	0	%100
64	M77	Z	2.53	2.53	0	%100
65	M72	X	-.163	-.163	0	%100
66	M72	Z	.283	.283	0	%100
67	M73	X	-.163	-.163	0	%100
68	M73	Z	.283	.283	0	%100
69	M76A	X	-1.209	-1.209	0	%100
70	M76A	Z	2.094	2.094	0	%100
71	M81A	X	-.163	-.163	0	%100
72	M81A	Z	.283	.283	0	%100
73	M82	X	-.163	-.163	0	%100
74	M82	Z	.283	.283	0	%100
75	M82A	X	-1.479	-1.479	0	%100
76	M82A	Z	2.562	2.562	0	%100
77	M88	X	-1.479	-1.479	0	%100
78	M88	Z	2.562	2.562	0	%100
79	M94	X	0	0	0	%100
80	M94	Z	0	0	0	%100
81	M106	X	-1.458	-1.458	0	%100
82	M106	Z	2.526	2.526	0	%100
83	M107	X	0	0	0	%100
84	M107	Z	0	0	0	%100
85	M108	X	-1.458	-1.458	0	%100
86	M108	Z	2.526	2.526	0	%100
87	M109	X	-.448	-.448	0	%100
88	M109	Z	.775	.775	0	%100
89	M110	X	-2.209	-2.209	0	%100
90	M110	Z	3.826	3.826	0	%100
91	M111	X	-2.209	-2.209	0	%100
92	M111	Z	3.826	3.826	0	%100
93	M112	X	-.448	-.448	0	%100
94	M112	Z	.775	.775	0	%100
95	M113	X	-1.276	-1.276	0	%100
96	M113	Z	2.21	2.21	0	%100
97	M114	X	-1.276	-1.276	0	%100
98	M114	Z	2.21	2.21	0	%100
99	M115	X	-1.479	-1.479	0	%100
100	M115	Z	2.562	2.562	0	%100
101	M121	X	-1.479	-1.479	0	%100
102	M121	Z	2.562	2.562	0	%100
103	M127	X	0	0	0	%100
104	M127	Z	0	0	0	%100
105	M139	X	-1.458	-1.458	0	%100
106	M139	Z	2.526	2.526	0	%100
107	M140	X	0	0	0	%100
108	M140	Z	0	0	0	%100
109	M141	X	-1.458	-1.458	0	%100
110	M141	Z	2.526	2.526	0	%100
111	M146	X	-.163	-.163	0	%100
112	M146	Z	.283	.283	0	%100
113	M147	X	-.163	-.163	0	%100
114	M147	Z	.283	.283	0	%100
115	M152	X	-.163	-.163	0	%100
116	M152	Z	.283	.283	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
117	M153	X	-.163	-.163	0	%100
118	M153	Z	.283	.283	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.201	-1.201	0	%100
2	M1	Z	.693	.693	0	%100
3	M2	X	-4.804	-4.804	0	%100
4	M2	Z	2.774	2.774	0	%100
5	M3	X	-1.201	-1.201	0	%100
6	M3	Z	.693	.693	0	%100
7	M4	X	-3.092	-3.092	0	%100
8	M4	Z	1.785	1.785	0	%100
9	M5	X	-3.092	-3.092	0	%100
10	M5	Z	1.785	1.785	0	%100
11	M9	X	0	0	0	%100
12	M9	Z	0	0	0	%100
13	M10	X	0	0	0	%100
14	M10	Z	0	0	0	%100
15	M14	X	-3.092	-3.092	0	%100
16	M14	Z	1.785	1.785	0	%100
17	M15	X	-3.092	-3.092	0	%100
18	M15	Z	1.785	1.785	0	%100
19	M19	X	-1.201	-1.201	0	%100
20	M19	Z	.693	.693	0	%100
21	M20	X	-1.201	-1.201	0	%100
22	M20	Z	.693	.693	0	%100
23	M21	X	-4.804	-4.804	0	%100
24	M21	Z	2.774	2.774	0	%100
25	M25	X	-3.789	-3.789	0	%100
26	M25	Z	2.188	2.188	0	%100
27	M28	X	0	0	0	%100
28	M28	Z	0	0	0	%100
29	M31	X	-3.789	-3.789	0	%100
30	M31	Z	2.188	2.188	0	%100
31	MP1A	X	-3.089	-3.089	0	%100
32	MP1A	Z	1.783	1.783	0	%100
33	MP2A	X	-3.089	-3.089	0	%100
34	MP2A	Z	1.783	1.783	0	%100
35	MP3A	X	-3.089	-3.089	0	%100
36	MP3A	Z	1.783	1.783	0	%100
37	MP4A	X	-3.089	-3.089	0	%100
38	MP4A	Z	1.783	1.783	0	%100
39	MP5A	X	-3.089	-3.089	0	%100
40	MP5A	Z	1.783	1.783	0	%100
41	MP1C	X	-3.089	-3.089	0	%100
42	MP1C	Z	1.783	1.783	0	%100
43	MP2C	X	-3.089	-3.089	0	%100
44	MP2C	Z	1.783	1.783	0	%100
45	MP3C	X	-3.089	-3.089	0	%100
46	MP3C	Z	1.783	1.783	0	%100
47	MP4C	X	-3.089	-3.089	0	%100
48	MP4C	Z	1.783	1.783	0	%100
49	MP5C	X	-3.089	-3.089	0	%100
50	MP5C	Z	1.783	1.783	0	%100
51	MP1B	X	-3.089	-3.089	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
52	MP1B	Z	1.783	1.783	0	%100
53	MP2B	X	-3.089	-3.089	0	%100
54	MP2B	Z	1.783	1.783	0	%100
55	MP3B	X	-3.089	-3.089	0	%100
56	MP3B	Z	1.783	1.783	0	%100
57	MP4B	X	-3.089	-3.089	0	%100
58	MP4B	Z	1.783	1.783	0	%100
59	MP5B	X	-3.089	-3.089	0	%100
60	MP5B	Z	1.783	1.783	0	%100
61	M76	X	-3.089	-3.089	0	%100
62	M76	Z	1.783	1.783	0	%100
63	M77	X	-2.53	-2.53	0	%100
64	M77	Z	1.461	1.461	0	%100
65	M72	X	0	0	0	%100
66	M72	Z	0	0	0	%100
67	M73	X	0	0	0	%100
68	M73	Z	0	0	0	%100
69	M76A	X	-2.094	-2.094	0	%100
70	M76A	Z	1.209	1.209	0	%100
71	M81A	X	0	0	0	%100
72	M81A	Z	0	0	0	%100
73	M82	X	0	0	0	%100
74	M82	Z	0	0	0	%100
75	M82A	X	-.854	-.854	0	%100
76	M82A	Z	.493	.493	0	%100
77	M88	X	-3.415	-3.415	0	%100
78	M88	Z	1.972	1.972	0	%100
79	M94	X	-.854	-.854	0	%100
80	M94	Z	.493	.493	0	%100
81	M106	X	-3.367	-3.367	0	%100
82	M106	Z	1.944	1.944	0	%100
83	M107	X	-.842	-.842	0	%100
84	M107	Z	.486	.486	0	%100
85	M108	X	-.842	-.842	0	%100
86	M108	Z	.486	.486	0	%100
87	M109	X	-.715	-.715	0	%100
88	M109	Z	.413	.413	0	%100
89	M110	X	-3.766	-3.766	0	%100
90	M110	Z	2.174	2.174	0	%100
91	M111	X	-2.331	-2.331	0	%100
92	M111	Z	1.346	1.346	0	%100
93	M112	X	-2.331	-2.331	0	%100
94	M112	Z	1.346	1.346	0	%100
95	M113	X	-3.766	-3.766	0	%100
96	M113	Z	2.174	2.174	0	%100
97	M114	X	-.715	-.715	0	%100
98	M114	Z	.413	.413	0	%100
99	M115	X	-.854	-.854	0	%100
100	M115	Z	.493	.493	0	%100
101	M121	X	-3.415	-3.415	0	%100
102	M121	Z	1.972	1.972	0	%100
103	M127	X	-.854	-.854	0	%100
104	M127	Z	.493	.493	0	%100
105	M139	X	-3.367	-3.367	0	%100
106	M139	Z	1.944	1.944	0	%100
107	M140	X	-.842	-.842	0	%100
108	M140	Z	.486	.486	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
109	M141	X	-.842	-.842	0	%100
110	M141	Z	.486	.486	0	%100
111	M146	X	0	0	0	%100
112	M146	Z	0	0	0	%100
113	M147	X	0	0	0	%100
114	M147	Z	0	0	0	%100
115	M152	X	0	0	0	%100
116	M152	Z	0	0	0	%100
117	M153	X	0	0	0	%100
118	M153	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-4.16	-4.16	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-4.16	-4.16	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-4.76	-4.76	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-4.76	-4.76	0	%100
10	M5	Z	0	0	0	%100
11	M9	X	-1.19	-1.19	0	%100
12	M9	Z	0	0	0	%100
13	M10	X	-1.19	-1.19	0	%100
14	M10	Z	0	0	0	%100
15	M14	X	-1.19	-1.19	0	%100
16	M14	Z	0	0	0	%100
17	M15	X	-1.19	-1.19	0	%100
18	M15	Z	0	0	0	%100
19	M19	X	-4.16	-4.16	0	%100
20	M19	Z	0	0	0	%100
21	M20	X	0	0	0	%100
22	M20	Z	0	0	0	%100
23	M21	X	-4.16	-4.16	0	%100
24	M21	Z	0	0	0	%100
25	M25	X	-5.834	-5.834	0	%100
26	M25	Z	0	0	0	%100
27	M28	X	-1.459	-1.459	0	%100
28	M28	Z	0	0	0	%100
29	M31	X	-1.459	-1.459	0	%100
30	M31	Z	0	0	0	%100
31	MP1A	X	-3.567	-3.567	0	%100
32	MP1A	Z	0	0	0	%100
33	MP2A	X	-3.567	-3.567	0	%100
34	MP2A	Z	0	0	0	%100
35	MP3A	X	-3.567	-3.567	0	%100
36	MP3A	Z	0	0	0	%100
37	MP4A	X	-3.567	-3.567	0	%100
38	MP4A	Z	0	0	0	%100
39	MP5A	X	-3.567	-3.567	0	%100
40	MP5A	Z	0	0	0	%100
41	MP1C	X	-3.567	-3.567	0	%100
42	MP1C	Z	0	0	0	%100
43	MP2C	X	-3.567	-3.567	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
44	MP2C	Z	0	0	0	%100
45	MP3C	X	-3.567	-3.567	0	%100
46	MP3C	Z	0	0	0	%100
47	MP4C	X	-3.567	-3.567	0	%100
48	MP4C	Z	0	0	0	%100
49	MP5C	X	-3.567	-3.567	0	%100
50	MP5C	Z	0	0	0	%100
51	MP1B	X	-3.567	-3.567	0	%100
52	MP1B	Z	0	0	0	%100
53	MP2B	X	-3.567	-3.567	0	%100
54	MP2B	Z	0	0	0	%100
55	MP3B	X	-3.567	-3.567	0	%100
56	MP3B	Z	0	0	0	%100
57	MP4B	X	-3.567	-3.567	0	%100
58	MP4B	Z	0	0	0	%100
59	MP5B	X	-3.567	-3.567	0	%100
60	MP5B	Z	0	0	0	%100
61	M76	X	-3.567	-3.567	0	%100
62	M76	Z	0	0	0	%100
63	M77	X	-2.921	-2.921	0	%100
64	M77	Z	0	0	0	%100
65	M72	X	-.327	-.327	0	%100
66	M72	Z	0	0	0	%100
67	M73	X	-.327	-.327	0	%100
68	M73	Z	0	0	0	%100
69	M76A	X	-2.418	-2.418	0	%100
70	M76A	Z	0	0	0	%100
71	M81A	X	-.327	-.327	0	%100
72	M81A	Z	0	0	0	%100
73	M82	X	-.327	-.327	0	%100
74	M82	Z	0	0	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	0	0	0	%100
77	M88	X	-2.958	-2.958	0	%100
78	M88	Z	0	0	0	%100
79	M94	X	-2.958	-2.958	0	%100
80	M94	Z	0	0	0	%100
81	M106	X	-2.916	-2.916	0	%100
82	M106	Z	0	0	0	%100
83	M107	X	-2.916	-2.916	0	%100
84	M107	Z	0	0	0	%100
85	M108	X	0	0	0	%100
86	M108	Z	0	0	0	%100
87	M109	X	-2.552	-2.552	0	%100
88	M109	Z	0	0	0	%100
89	M110	X	-2.552	-2.552	0	%100
90	M110	Z	0	0	0	%100
91	M111	X	-.895	-.895	0	%100
92	M111	Z	0	0	0	%100
93	M112	X	-4.418	-4.418	0	%100
94	M112	Z	0	0	0	%100
95	M113	X	-4.418	-4.418	0	%100
96	M113	Z	0	0	0	%100
97	M114	X	-.895	-.895	0	%100
98	M114	Z	0	0	0	%100
99	M115	X	0	0	0	%100
100	M115	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
101	M121	X	-2.958	-2.958	0	%100
102	M121	Z	0	0	0	%100
103	M127	X	-2.958	-2.958	0	%100
104	M127	Z	0	0	0	%100
105	M139	X	-2.916	-2.916	0	%100
106	M139	Z	0	0	0	%100
107	M140	X	-2.916	-2.916	0	%100
108	M140	Z	0	0	0	%100
109	M141	X	0	0	0	%100
110	M141	Z	0	0	0	%100
111	M146	X	-.327	-.327	0	%100
112	M146	Z	0	0	0	%100
113	M147	X	-.327	-.327	0	%100
114	M147	Z	0	0	0	%100
115	M152	X	-.327	-.327	0	%100
116	M152	Z	0	0	0	%100
117	M153	X	-.327	-.327	0	%100
118	M153	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.201	-1.201	0	%100
2	M1	Z	-.693	-.693	0	%100
3	M2	X	-1.201	-1.201	0	%100
4	M2	Z	-.693	-.693	0	%100
5	M3	X	-4.804	-4.804	0	%100
6	M3	Z	-2.774	-2.774	0	%100
7	M4	X	-3.092	-3.092	0	%100
8	M4	Z	-1.785	-1.785	0	%100
9	M5	X	-3.092	-3.092	0	%100
10	M5	Z	-1.785	-1.785	0	%100
11	M9	X	-3.092	-3.092	0	%100
12	M9	Z	-1.785	-1.785	0	%100
13	M10	X	-3.092	-3.092	0	%100
14	M10	Z	-1.785	-1.785	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	M19	X	-4.804	-4.804	0	%100
20	M19	Z	-2.774	-2.774	0	%100
21	M20	X	-1.201	-1.201	0	%100
22	M20	Z	-.693	-.693	0	%100
23	M21	X	-1.201	-1.201	0	%100
24	M21	Z	-.693	-.693	0	%100
25	M25	X	-3.789	-3.789	0	%100
26	M25	Z	-2.188	-2.188	0	%100
27	M28	X	-3.789	-3.789	0	%100
28	M28	Z	-2.188	-2.188	0	%100
29	M31	X	0	0	0	%100
30	M31	Z	0	0	0	%100
31	MP1A	X	-3.089	-3.089	0	%100
32	MP1A	Z	-1.783	-1.783	0	%100
33	MP2A	X	-3.089	-3.089	0	%100
34	MP2A	Z	-1.783	-1.783	0	%100
35	MP3A	X	-3.089	-3.089	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
36	MP3A	Z	-1.783	-1.783	0	%100
37	MP4A	X	-3.089	-3.089	0	%100
38	MP4A	Z	-1.783	-1.783	0	%100
39	MP5A	X	-3.089	-3.089	0	%100
40	MP5A	Z	-1.783	-1.783	0	%100
41	MP1C	X	-3.089	-3.089	0	%100
42	MP1C	Z	-1.783	-1.783	0	%100
43	MP2C	X	-3.089	-3.089	0	%100
44	MP2C	Z	-1.783	-1.783	0	%100
45	MP3C	X	-3.089	-3.089	0	%100
46	MP3C	Z	-1.783	-1.783	0	%100
47	MP4C	X	-3.089	-3.089	0	%100
48	MP4C	Z	-1.783	-1.783	0	%100
49	MP5C	X	-3.089	-3.089	0	%100
50	MP5C	Z	-1.783	-1.783	0	%100
51	MP1B	X	-3.089	-3.089	0	%100
52	MP1B	Z	-1.783	-1.783	0	%100
53	MP2B	X	-3.089	-3.089	0	%100
54	MP2B	Z	-1.783	-1.783	0	%100
55	MP3B	X	-3.089	-3.089	0	%100
56	MP3B	Z	-1.783	-1.783	0	%100
57	MP4B	X	-3.089	-3.089	0	%100
58	MP4B	Z	-1.783	-1.783	0	%100
59	MP5B	X	-3.089	-3.089	0	%100
60	MP5B	Z	-1.783	-1.783	0	%100
61	M76	X	-3.089	-3.089	0	%100
62	M76	Z	-1.783	-1.783	0	%100
63	M77	X	-2.53	-2.53	0	%100
64	M77	Z	-1.461	-1.461	0	%100
65	M72	X	-.849	-.849	0	%100
66	M72	Z	-.49	-.49	0	%100
67	M73	X	-.849	-.849	0	%100
68	M73	Z	-.49	-.49	0	%100
69	M76A	X	-2.094	-2.094	0	%100
70	M76A	Z	-1.209	-1.209	0	%100
71	M81A	X	-.849	-.849	0	%100
72	M81A	Z	-.49	-.49	0	%100
73	M82	X	-.849	-.849	0	%100
74	M82	Z	-.49	-.49	0	%100
75	M82A	X	-.854	-.854	0	%100
76	M82A	Z	-.493	-.493	0	%100
77	M88	X	-.854	-.854	0	%100
78	M88	Z	-.493	-.493	0	%100
79	M94	X	-3.415	-3.415	0	%100
80	M94	Z	-1.972	-1.972	0	%100
81	M106	X	-.842	-.842	0	%100
82	M106	Z	-.486	-.486	0	%100
83	M107	X	-3.367	-3.367	0	%100
84	M107	Z	-1.944	-1.944	0	%100
85	M108	X	-.842	-.842	0	%100
86	M108	Z	-.486	-.486	0	%100
87	M109	X	-3.766	-3.766	0	%100
88	M109	Z	-2.174	-2.174	0	%100
89	M110	X	-.715	-.715	0	%100
90	M110	Z	-.413	-.413	0	%100
91	M111	X	-.715	-.715	0	%100
92	M111	Z	-.413	-.413	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
93	M112	X	-3.766	-3.766	0	%100
94	M112	Z	-2.174	-2.174	0	%100
95	M113	X	-2.331	-2.331	0	%100
96	M113	Z	-1.346	-1.346	0	%100
97	M114	X	-2.331	-2.331	0	%100
98	M114	Z	-1.346	-1.346	0	%100
99	M115	X	-.854	-.854	0	%100
100	M115	Z	-.493	-.493	0	%100
101	M121	X	-.854	-.854	0	%100
102	M121	Z	-.493	-.493	0	%100
103	M127	X	-3.415	-3.415	0	%100
104	M127	Z	-1.972	-1.972	0	%100
105	M139	X	-.842	-.842	0	%100
106	M139	Z	-.486	-.486	0	%100
107	M140	X	-3.367	-3.367	0	%100
108	M140	Z	-1.944	-1.944	0	%100
109	M141	X	-.842	-.842	0	%100
110	M141	Z	-.486	-.486	0	%100
111	M146	X	-.849	-.849	0	%100
112	M146	Z	-.49	-.49	0	%100
113	M147	X	-.849	-.849	0	%100
114	M147	Z	-.49	-.49	0	%100
115	M152	X	-.849	-.849	0	%100
116	M152	Z	-.49	-.49	0	%100
117	M153	X	-.849	-.849	0	%100
118	M153	Z	-.49	-.49	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.08	-2.08	0	%100
2	M1	Z	-3.603	-3.603	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-2.08	-2.08	0	%100
6	M3	Z	-3.603	-3.603	0	%100
7	M4	X	-.595	-.595	0	%100
8	M4	Z	-1.031	-1.031	0	%100
9	M5	X	-.595	-.595	0	%100
10	M5	Z	-1.031	-1.031	0	%100
11	M9	X	-2.38	-2.38	0	%100
12	M9	Z	-4.123	-4.123	0	%100
13	M10	X	-2.38	-2.38	0	%100
14	M10	Z	-4.123	-4.123	0	%100
15	M14	X	-.595	-.595	0	%100
16	M14	Z	-1.031	-1.031	0	%100
17	M15	X	-.595	-.595	0	%100
18	M15	Z	-1.031	-1.031	0	%100
19	M19	X	-2.08	-2.08	0	%100
20	M19	Z	-3.603	-3.603	0	%100
21	M20	X	-2.08	-2.08	0	%100
22	M20	Z	-3.603	-3.603	0	%100
23	M21	X	0	0	0	%100
24	M21	Z	0	0	0	%100
25	M25	X	-.729	-.729	0	%100
26	M25	Z	-1.263	-1.263	0	%100
27	M28	X	-2.917	-2.917	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M28	Z	-5.053	-5.053	0	%100
29	M31	X	-.729	-.729	0	%100
30	M31	Z	-1.263	-1.263	0	%100
31	MP1A	X	-1.783	-1.783	0	%100
32	MP1A	Z	-3.089	-3.089	0	%100
33	MP2A	X	-1.783	-1.783	0	%100
34	MP2A	Z	-3.089	-3.089	0	%100
35	MP3A	X	-1.783	-1.783	0	%100
36	MP3A	Z	-3.089	-3.089	0	%100
37	MP4A	X	-1.783	-1.783	0	%100
38	MP4A	Z	-3.089	-3.089	0	%100
39	MP5A	X	-1.783	-1.783	0	%100
40	MP5A	Z	-3.089	-3.089	0	%100
41	MP1C	X	-1.783	-1.783	0	%100
42	MP1C	Z	-3.089	-3.089	0	%100
43	MP2C	X	-1.783	-1.783	0	%100
44	MP2C	Z	-3.089	-3.089	0	%100
45	MP3C	X	-1.783	-1.783	0	%100
46	MP3C	Z	-3.089	-3.089	0	%100
47	MP4C	X	-1.783	-1.783	0	%100
48	MP4C	Z	-3.089	-3.089	0	%100
49	MP5C	X	-1.783	-1.783	0	%100
50	MP5C	Z	-3.089	-3.089	0	%100
51	MP1B	X	-1.783	-1.783	0	%100
52	MP1B	Z	-3.089	-3.089	0	%100
53	MP2B	X	-1.783	-1.783	0	%100
54	MP2B	Z	-3.089	-3.089	0	%100
55	MP3B	X	-1.783	-1.783	0	%100
56	MP3B	Z	-3.089	-3.089	0	%100
57	MP4B	X	-1.783	-1.783	0	%100
58	MP4B	Z	-3.089	-3.089	0	%100
59	MP5B	X	-1.783	-1.783	0	%100
60	MP5B	Z	-3.089	-3.089	0	%100
61	M76	X	-1.783	-1.783	0	%100
62	M76	Z	-3.089	-3.089	0	%100
63	M77	X	-1.461	-1.461	0	%100
64	M77	Z	-2.53	-2.53	0	%100
65	M72	X	-.654	-.654	0	%100
66	M72	Z	-1.132	-1.132	0	%100
67	M73	X	-.654	-.654	0	%100
68	M73	Z	-1.132	-1.132	0	%100
69	M76A	X	-1.209	-1.209	0	%100
70	M76A	Z	-2.094	-2.094	0	%100
71	M81A	X	-.654	-.654	0	%100
72	M81A	Z	-1.132	-1.132	0	%100
73	M82	X	-.654	-.654	0	%100
74	M82	Z	-1.132	-1.132	0	%100
75	M82A	X	-1.479	-1.479	0	%100
76	M82A	Z	-2.562	-2.562	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	0	0	0	%100
79	M94	X	-1.479	-1.479	0	%100
80	M94	Z	-2.562	-2.562	0	%100
81	M106	X	0	0	0	%100
82	M106	Z	0	0	0	%100
83	M107	X	-1.458	-1.458	0	%100
84	M107	Z	-2.526	-2.526	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	M108	X	-1.458	-1.458	0	%100
86	M108	Z	-2.526	-2.526	0	%100
87	M109	X	-2.209	-2.209	0	%100
88	M109	Z	-3.826	-3.826	0	%100
89	M110	X	-.448	-.448	0	%100
90	M110	Z	-.775	-.775	0	%100
91	M111	X	-1.276	-1.276	0	%100
92	M111	Z	-2.21	-2.21	0	%100
93	M112	X	-1.276	-1.276	0	%100
94	M112	Z	-2.21	-2.21	0	%100
95	M113	X	-.448	-.448	0	%100
96	M113	Z	-.775	-.775	0	%100
97	M114	X	-2.209	-2.209	0	%100
98	M114	Z	-3.826	-3.826	0	%100
99	M115	X	-1.479	-1.479	0	%100
100	M115	Z	-2.562	-2.562	0	%100
101	M121	X	0	0	0	%100
102	M121	Z	0	0	0	%100
103	M127	X	-1.479	-1.479	0	%100
104	M127	Z	-2.562	-2.562	0	%100
105	M139	X	0	0	0	%100
106	M139	Z	0	0	0	%100
107	M140	X	-1.458	-1.458	0	%100
108	M140	Z	-2.526	-2.526	0	%100
109	M141	X	-1.458	-1.458	0	%100
110	M141	Z	-2.526	-2.526	0	%100
111	M146	X	-.654	-.654	0	%100
112	M146	Z	-1.132	-1.132	0	%100
113	M147	X	-.654	-.654	0	%100
114	M147	Z	-1.132	-1.132	0	%100
115	M152	X	-.654	-.654	0	%100
116	M152	Z	-1.132	-1.132	0	%100
117	M153	X	-.654	-.654	0	%100
118	M153	Z	-1.132	-1.132	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-1.358	-1.358	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-.34	-.34	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-.34	-.34	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M9	X	0	0	0	%100
12	M9	Z	-.854	-.854	0	%100
13	M10	X	0	0	0	%100
14	M10	Z	-.854	-.854	0	%100
15	M14	X	0	0	0	%100
16	M14	Z	-.854	-.854	0	%100
17	M15	X	0	0	0	%100
18	M15	Z	-.854	-.854	0	%100
19	M19	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
20	M19	Z	-.34	-.34	0	%100
21	M20	X	0	0	0	%100
22	M20	Z	-1.358	-1.358	0	%100
23	M21	X	0	0	0	%100
24	M21	Z	-.34	-.34	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M28	X	0	0	0	%100
28	M28	Z	-1.187	-1.187	0	%100
29	M31	X	0	0	0	%100
30	M31	Z	-1.187	-1.187	0	%100
31	MP1A	X	0	0	0	%100
32	MP1A	Z	-.645	-.645	0	%100
33	MP2A	X	0	0	0	%100
34	MP2A	Z	-.645	-.645	0	%100
35	MP3A	X	0	0	0	%100
36	MP3A	Z	-.645	-.645	0	%100
37	MP4A	X	0	0	0	%100
38	MP4A	Z	-.645	-.645	0	%100
39	MP5A	X	0	0	0	%100
40	MP5A	Z	-.645	-.645	0	%100
41	MP1C	X	0	0	0	%100
42	MP1C	Z	-.645	-.645	0	%100
43	MP2C	X	0	0	0	%100
44	MP2C	Z	-.645	-.645	0	%100
45	MP3C	X	0	0	0	%100
46	MP3C	Z	-.645	-.645	0	%100
47	MP4C	X	0	0	0	%100
48	MP4C	Z	-.645	-.645	0	%100
49	MP5C	X	0	0	0	%100
50	MP5C	Z	-.645	-.645	0	%100
51	MP1B	X	0	0	0	%100
52	MP1B	Z	-.645	-.645	0	%100
53	MP2B	X	0	0	0	%100
54	MP2B	Z	-.645	-.645	0	%100
55	MP3B	X	0	0	0	%100
56	MP3B	Z	-.645	-.645	0	%100
57	MP4B	X	0	0	0	%100
58	MP4B	Z	-.645	-.645	0	%100
59	MP5B	X	0	0	0	%100
60	MP5B	Z	-.645	-.645	0	%100
61	M76	X	0	0	0	%100
62	M76	Z	-.645	-.645	0	%100
63	M77	X	0	0	0	%100
64	M77	Z	-.528	-.528	0	%100
65	M72	X	0	0	0	%100
66	M72	Z	-.074	-.074	0	%100
67	M73	X	0	0	0	%100
68	M73	Z	-.074	-.074	0	%100
69	M76A	X	0	0	0	%100
70	M76A	Z	-.437	-.437	0	%100
71	M81A	X	0	0	0	%100
72	M81A	Z	-.074	-.074	0	%100
73	M82	X	0	0	0	%100
74	M82	Z	-.074	-.074	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	-.781	-.781	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
77	M88	X	0	0	0	%100
78	M88	Z	-.195	-.195	0	%100
79	M94	X	0	0	0	%100
80	M94	Z	-.195	-.195	0	%100
81	M106	X	0	0	0	%100
82	M106	Z	-.238	-.238	0	%100
83	M107	X	0	0	0	%100
84	M107	Z	-.238	-.238	0	%100
85	M108	X	0	0	0	%100
86	M108	Z	-.951	-.951	0	%100
87	M109	X	0	0	0	%100
88	M109	Z	-.615	-.615	0	%100
89	M110	X	0	0	0	%100
90	M110	Z	-.615	-.615	0	%100
91	M111	X	0	0	0	%100
92	M111	Z	-.994	-.994	0	%100
93	M112	X	0	0	0	%100
94	M112	Z	-.189	-.189	0	%100
95	M113	X	0	0	0	%100
96	M113	Z	-.189	-.189	0	%100
97	M114	X	0	0	0	%100
98	M114	Z	-.994	-.994	0	%100
99	M115	X	0	0	0	%100
100	M115	Z	-.781	-.781	0	%100
101	M121	X	0	0	0	%100
102	M121	Z	-.195	-.195	0	%100
103	M127	X	0	0	0	%100
104	M127	Z	-.195	-.195	0	%100
105	M139	X	0	0	0	%100
106	M139	Z	-.238	-.238	0	%100
107	M140	X	0	0	0	%100
108	M140	Z	-.238	-.238	0	%100
109	M141	X	0	0	0	%100
110	M141	Z	-.951	-.951	0	%100
111	M146	X	0	0	0	%100
112	M146	Z	-.074	-.074	0	%100
113	M147	X	0	0	0	%100
114	M147	Z	-.074	-.074	0	%100
115	M152	X	0	0	0	%100
116	M152	Z	-.074	-.074	0	%100
117	M153	X	0	0	0	%100
118	M153	Z	-.074	-.074	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.509	.509	0	%100
2	M1	Z	-.882	-.882	0	%100
3	M2	X	.509	.509	0	%100
4	M2	Z	-.882	-.882	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	.142	.142	0	%100
8	M4	Z	-.247	-.247	0	%100
9	M5	X	.142	.142	0	%100
10	M5	Z	-.247	-.247	0	%100
11	M9	X	.142	.142	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
12	M9	Z	-.247	-.247	0	%100
13	M10	X	.142	.142	0	%100
14	M10	Z	-.247	-.247	0	%100
15	M14	X	.57	.57	0	%100
16	M14	Z	-.987	-.987	0	%100
17	M15	X	.57	.57	0	%100
18	M15	Z	-.987	-.987	0	%100
19	M19	X	0	0	0	%100
20	M19	Z	0	0	0	%100
21	M20	X	.509	.509	0	%100
22	M20	Z	-.882	-.882	0	%100
23	M21	X	.509	.509	0	%100
24	M21	Z	-.882	-.882	0	%100
25	M25	X	.198	.198	0	%100
26	M25	Z	-.343	-.343	0	%100
27	M28	X	.198	.198	0	%100
28	M28	Z	-.343	-.343	0	%100
29	M31	X	.791	.791	0	%100
30	M31	Z	-1.37	-1.37	0	%100
31	MP1A	X	.323	.323	0	%100
32	MP1A	Z	-.559	-.559	0	%100
33	MP2A	X	.323	.323	0	%100
34	MP2A	Z	-.559	-.559	0	%100
35	MP3A	X	.323	.323	0	%100
36	MP3A	Z	-.559	-.559	0	%100
37	MP4A	X	.323	.323	0	%100
38	MP4A	Z	-.559	-.559	0	%100
39	MP5A	X	.323	.323	0	%100
40	MP5A	Z	-.559	-.559	0	%100
41	MP1C	X	.323	.323	0	%100
42	MP1C	Z	-.559	-.559	0	%100
43	MP2C	X	.323	.323	0	%100
44	MP2C	Z	-.559	-.559	0	%100
45	MP3C	X	.323	.323	0	%100
46	MP3C	Z	-.559	-.559	0	%100
47	MP4C	X	.323	.323	0	%100
48	MP4C	Z	-.559	-.559	0	%100
49	MP5C	X	.323	.323	0	%100
50	MP5C	Z	-.559	-.559	0	%100
51	MP1B	X	.323	.323	0	%100
52	MP1B	Z	-.559	-.559	0	%100
53	MP2B	X	.323	.323	0	%100
54	MP2B	Z	-.559	-.559	0	%100
55	MP3B	X	.323	.323	0	%100
56	MP3B	Z	-.559	-.559	0	%100
57	MP4B	X	.323	.323	0	%100
58	MP4B	Z	-.559	-.559	0	%100
59	MP5B	X	.323	.323	0	%100
60	MP5B	Z	-.559	-.559	0	%100
61	M76	X	.323	.323	0	%100
62	M76	Z	-.559	-.559	0	%100
63	M77	X	.264	.264	0	%100
64	M77	Z	-.457	-.457	0	%100
65	M72	X	.012	.012	0	%100
66	M72	Z	-.021	-.021	0	%100
67	M73	X	.012	.012	0	%100
68	M73	Z	-.021	-.021	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
69	M76A	X	.218	.218	0	%100
70	M76A	Z	-.378	-.378	0	%100
71	M81A	X	.012	.012	0	%100
72	M81A	Z	-.021	-.021	0	%100
73	M82	X	.012	.012	0	%100
74	M82	Z	-.021	-.021	0	%100
75	M82A	X	.293	.293	0	%100
76	M82A	Z	-.507	-.507	0	%100
77	M88	X	.293	.293	0	%100
78	M88	Z	-.507	-.507	0	%100
79	M94	X	0	0	0	%100
80	M94	Z	0	0	0	%100
81	M106	X	.357	.357	0	%100
82	M106	Z	-.618	-.618	0	%100
83	M107	X	0	0	0	%100
84	M107	Z	0	0	0	%100
85	M108	X	.357	.357	0	%100
86	M108	Z	-.618	-.618	0	%100
87	M109	X	.102	.102	0	%100
88	M109	Z	-.177	-.177	0	%100
89	M110	X	.505	.505	0	%100
90	M110	Z	-.874	-.874	0	%100
91	M111	X	.505	.505	0	%100
92	M111	Z	-.874	-.874	0	%100
93	M112	X	.102	.102	0	%100
94	M112	Z	-.177	-.177	0	%100
95	M113	X	.292	.292	0	%100
96	M113	Z	-.505	-.505	0	%100
97	M114	X	.292	.292	0	%100
98	M114	Z	-.505	-.505	0	%100
99	M115	X	.293	.293	0	%100
100	M115	Z	-.507	-.507	0	%100
101	M121	X	.293	.293	0	%100
102	M121	Z	-.507	-.507	0	%100
103	M127	X	0	0	0	%100
104	M127	Z	0	0	0	%100
105	M139	X	.357	.357	0	%100
106	M139	Z	-.618	-.618	0	%100
107	M140	X	0	0	0	%100
108	M140	Z	0	0	0	%100
109	M141	X	.357	.357	0	%100
110	M141	Z	-.618	-.618	0	%100
111	M146	X	.012	.012	0	%100
112	M146	Z	-.021	-.021	0	%100
113	M147	X	.012	.012	0	%100
114	M147	Z	-.021	-.021	0	%100
115	M152	X	.012	.012	0	%100
116	M152	Z	-.021	-.021	0	%100
117	M153	X	.012	.012	0	%100
118	M153	Z	-.021	-.021	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.294	.294	0	%100
2	M1	Z	-.17	-.17	0	%100
3	M2	X	1.176	1.176	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M2	Z	-.679	-.679	0	%100
5	M3	X	.294	.294	0	%100
6	M3	Z	-.17	-.17	0	%100
7	M4	X	.74	.74	0	%100
8	M4	Z	-.427	-.427	0	%100
9	M5	X	.74	.74	0	%100
10	M5	Z	-.427	-.427	0	%100
11	M9	X	0	0	0	%100
12	M9	Z	0	0	0	%100
13	M10	X	0	0	0	%100
14	M10	Z	0	0	0	%100
15	M14	X	.74	.74	0	%100
16	M14	Z	-.427	-.427	0	%100
17	M15	X	.74	.74	0	%100
18	M15	Z	-.427	-.427	0	%100
19	M19	X	.294	.294	0	%100
20	M19	Z	-.17	-.17	0	%100
21	M20	X	.294	.294	0	%100
22	M20	Z	-.17	-.17	0	%100
23	M21	X	1.176	1.176	0	%100
24	M21	Z	-.679	-.679	0	%100
25	M25	X	1.028	1.028	0	%100
26	M25	Z	-.593	-.593	0	%100
27	M28	X	0	0	0	%100
28	M28	Z	0	0	0	%100
29	M31	X	1.028	1.028	0	%100
30	M31	Z	-.593	-.593	0	%100
31	MP1A	X	.559	.559	0	%100
32	MP1A	Z	-.323	-.323	0	%100
33	MP2A	X	.559	.559	0	%100
34	MP2A	Z	-.323	-.323	0	%100
35	MP3A	X	.559	.559	0	%100
36	MP3A	Z	-.323	-.323	0	%100
37	MP4A	X	.559	.559	0	%100
38	MP4A	Z	-.323	-.323	0	%100
39	MP5A	X	.559	.559	0	%100
40	MP5A	Z	-.323	-.323	0	%100
41	MP1C	X	.559	.559	0	%100
42	MP1C	Z	-.323	-.323	0	%100
43	MP2C	X	.559	.559	0	%100
44	MP2C	Z	-.323	-.323	0	%100
45	MP3C	X	.559	.559	0	%100
46	MP3C	Z	-.323	-.323	0	%100
47	MP4C	X	.559	.559	0	%100
48	MP4C	Z	-.323	-.323	0	%100
49	MP5C	X	.559	.559	0	%100
50	MP5C	Z	-.323	-.323	0	%100
51	MP1B	X	.559	.559	0	%100
52	MP1B	Z	-.323	-.323	0	%100
53	MP2B	X	.559	.559	0	%100
54	MP2B	Z	-.323	-.323	0	%100
55	MP3B	X	.559	.559	0	%100
56	MP3B	Z	-.323	-.323	0	%100
57	MP4B	X	.559	.559	0	%100
58	MP4B	Z	-.323	-.323	0	%100
59	MP5B	X	.559	.559	0	%100
60	MP5B	Z	-.323	-.323	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M76	X	.559	.559	0	%100
62	M76	Z	-.323	-.323	0	%100
63	M77	X	.457	.457	0	%100
64	M77	Z	-.264	-.264	0	%100
65	M72	X	0	0	0	%100
66	M72	Z	0	0	0	%100
67	M73	X	0	0	0	%100
68	M73	Z	0	0	0	%100
69	M76A	X	.378	.378	0	%100
70	M76A	Z	-.218	-.218	0	%100
71	M81A	X	0	0	0	%100
72	M81A	Z	0	0	0	%100
73	M82	X	0	0	0	%100
74	M82	Z	0	0	0	%100
75	M82A	X	.169	.169	0	%100
76	M82A	Z	-.098	-.098	0	%100
77	M88	X	.676	.676	0	%100
78	M88	Z	-.39	-.39	0	%100
79	M94	X	.169	.169	0	%100
80	M94	Z	-.098	-.098	0	%100
81	M106	X	.824	.824	0	%100
82	M106	Z	-.475	-.475	0	%100
83	M107	X	.206	.206	0	%100
84	M107	Z	-.119	-.119	0	%100
85	M108	X	.206	.206	0	%100
86	M108	Z	-.119	-.119	0	%100
87	M109	X	.163	.163	0	%100
88	M109	Z	-.094	-.094	0	%100
89	M110	X	.861	.861	0	%100
90	M110	Z	-.497	-.497	0	%100
91	M111	X	.533	.533	0	%100
92	M111	Z	-.308	-.308	0	%100
93	M112	X	.533	.533	0	%100
94	M112	Z	-.308	-.308	0	%100
95	M113	X	.861	.861	0	%100
96	M113	Z	-.497	-.497	0	%100
97	M114	X	.163	.163	0	%100
98	M114	Z	-.094	-.094	0	%100
99	M115	X	.169	.169	0	%100
100	M115	Z	-.098	-.098	0	%100
101	M121	X	.676	.676	0	%100
102	M121	Z	-.39	-.39	0	%100
103	M127	X	.169	.169	0	%100
104	M127	Z	-.098	-.098	0	%100
105	M139	X	.824	.824	0	%100
106	M139	Z	-.475	-.475	0	%100
107	M140	X	.206	.206	0	%100
108	M140	Z	-.119	-.119	0	%100
109	M141	X	.206	.206	0	%100
110	M141	Z	-.119	-.119	0	%100
111	M146	X	0	0	0	%100
112	M146	Z	0	0	0	%100
113	M147	X	0	0	0	%100
114	M147	Z	0	0	0	%100
115	M152	X	0	0	0	%100
116	M152	Z	0	0	0	%100
117	M153	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
118	M153	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	1.019	1.019	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	1.019	1.019	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	1.139	1.139	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	1.139	1.139	0	%100
10	M5	Z	0	0	0	%100
11	M9	X	.285	.285	0	%100
12	M9	Z	0	0	0	%100
13	M10	X	.285	.285	0	%100
14	M10	Z	0	0	0	%100
15	M14	X	.285	.285	0	%100
16	M14	Z	0	0	0	%100
17	M15	X	.285	.285	0	%100
18	M15	Z	0	0	0	%100
19	M19	X	1.019	1.019	0	%100
20	M19	Z	0	0	0	%100
21	M20	X	0	0	0	%100
22	M20	Z	0	0	0	%100
23	M21	X	1.019	1.019	0	%100
24	M21	Z	0	0	0	%100
25	M25	X	1.582	1.582	0	%100
26	M25	Z	0	0	0	%100
27	M28	X	.396	.396	0	%100
28	M28	Z	0	0	0	%100
29	M31	X	.396	.396	0	%100
30	M31	Z	0	0	0	%100
31	MP1A	X	.645	.645	0	%100
32	MP1A	Z	0	0	0	%100
33	MP2A	X	.645	.645	0	%100
34	MP2A	Z	0	0	0	%100
35	MP3A	X	.645	.645	0	%100
36	MP3A	Z	0	0	0	%100
37	MP4A	X	.645	.645	0	%100
38	MP4A	Z	0	0	0	%100
39	MP5A	X	.645	.645	0	%100
40	MP5A	Z	0	0	0	%100
41	MP1C	X	.645	.645	0	%100
42	MP1C	Z	0	0	0	%100
43	MP2C	X	.645	.645	0	%100
44	MP2C	Z	0	0	0	%100
45	MP3C	X	.645	.645	0	%100
46	MP3C	Z	0	0	0	%100
47	MP4C	X	.645	.645	0	%100
48	MP4C	Z	0	0	0	%100
49	MP5C	X	.645	.645	0	%100
50	MP5C	Z	0	0	0	%100
51	MP1B	X	.645	.645	0	%100
52	MP1B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	MP2B	X	.645	.645	0	%100
54	MP2B	Z	0	0	0	%100
55	MP3B	X	.645	.645	0	%100
56	MP3B	Z	0	0	0	%100
57	MP4B	X	.645	.645	0	%100
58	MP4B	Z	0	0	0	%100
59	MP5B	X	.645	.645	0	%100
60	MP5B	Z	0	0	0	%100
61	M76	X	.645	.645	0	%100
62	M76	Z	0	0	0	%100
63	M77	X	.528	.528	0	%100
64	M77	Z	0	0	0	%100
65	M72	X	.025	.025	0	%100
66	M72	Z	0	0	0	%100
67	M73	X	.025	.025	0	%100
68	M73	Z	0	0	0	%100
69	M76A	X	.437	.437	0	%100
70	M76A	Z	0	0	0	%100
71	M81A	X	.025	.025	0	%100
72	M81A	Z	0	0	0	%100
73	M82	X	.025	.025	0	%100
74	M82	Z	0	0	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	0	0	0	%100
77	M88	X	.586	.586	0	%100
78	M88	Z	0	0	0	%100
79	M94	X	.586	.586	0	%100
80	M94	Z	0	0	0	%100
81	M106	X	.713	.713	0	%100
82	M106	Z	0	0	0	%100
83	M107	X	.713	.713	0	%100
84	M107	Z	0	0	0	%100
85	M108	X	0	0	0	%100
86	M108	Z	0	0	0	%100
87	M109	X	.583	.583	0	%100
88	M109	Z	0	0	0	%100
89	M110	X	.583	.583	0	%100
90	M110	Z	0	0	0	%100
91	M111	X	.205	.205	0	%100
92	M111	Z	0	0	0	%100
93	M112	X	1.01	1.01	0	%100
94	M112	Z	0	0	0	%100
95	M113	X	1.01	1.01	0	%100
96	M113	Z	0	0	0	%100
97	M114	X	.205	.205	0	%100
98	M114	Z	0	0	0	%100
99	M115	X	0	0	0	%100
100	M115	Z	0	0	0	%100
101	M121	X	.586	.586	0	%100
102	M121	Z	0	0	0	%100
103	M127	X	.586	.586	0	%100
104	M127	Z	0	0	0	%100
105	M139	X	.713	.713	0	%100
106	M139	Z	0	0	0	%100
107	M140	X	.713	.713	0	%100
108	M140	Z	0	0	0	%100
109	M141	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
110	M141	Z	0	0	0	%100
111	M146	X	.025	.025	0	%100
112	M146	Z	0	0	0	%100
113	M147	X	.025	.025	0	%100
114	M147	Z	0	0	0	%100
115	M152	X	.025	.025	0	%100
116	M152	Z	0	0	0	%100
117	M153	X	.025	.025	0	%100
118	M153	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.294	.294	0	%100
2	M1	Z	.17	.17	0	%100
3	M2	X	.294	.294	0	%100
4	M2	Z	.17	.17	0	%100
5	M3	X	1.176	1.176	0	%100
6	M3	Z	.679	.679	0	%100
7	M4	X	.74	.74	0	%100
8	M4	Z	.427	.427	0	%100
9	M5	X	.74	.74	0	%100
10	M5	Z	.427	.427	0	%100
11	M9	X	.74	.74	0	%100
12	M9	Z	.427	.427	0	%100
13	M10	X	.74	.74	0	%100
14	M10	Z	.427	.427	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	M19	X	1.176	1.176	0	%100
20	M19	Z	.679	.679	0	%100
21	M20	X	.294	.294	0	%100
22	M20	Z	.17	.17	0	%100
23	M21	X	.294	.294	0	%100
24	M21	Z	.17	.17	0	%100
25	M25	X	1.028	1.028	0	%100
26	M25	Z	.593	.593	0	%100
27	M28	X	1.028	1.028	0	%100
28	M28	Z	.593	.593	0	%100
29	M31	X	0	0	0	%100
30	M31	Z	0	0	0	%100
31	MP1A	X	.559	.559	0	%100
32	MP1A	Z	.323	.323	0	%100
33	MP2A	X	.559	.559	0	%100
34	MP2A	Z	.323	.323	0	%100
35	MP3A	X	.559	.559	0	%100
36	MP3A	Z	.323	.323	0	%100
37	MP4A	X	.559	.559	0	%100
38	MP4A	Z	.323	.323	0	%100
39	MP5A	X	.559	.559	0	%100
40	MP5A	Z	.323	.323	0	%100
41	MP1C	X	.559	.559	0	%100
42	MP1C	Z	.323	.323	0	%100
43	MP2C	X	.559	.559	0	%100
44	MP2C	Z	.323	.323	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
45	MP3C	X	.559	.559	0	%100
46	MP3C	Z	.323	.323	0	%100
47	MP4C	X	.559	.559	0	%100
48	MP4C	Z	.323	.323	0	%100
49	MP5C	X	.559	.559	0	%100
50	MP5C	Z	.323	.323	0	%100
51	MP1B	X	.559	.559	0	%100
52	MP1B	Z	.323	.323	0	%100
53	MP2B	X	.559	.559	0	%100
54	MP2B	Z	.323	.323	0	%100
55	MP3B	X	.559	.559	0	%100
56	MP3B	Z	.323	.323	0	%100
57	MP4B	X	.559	.559	0	%100
58	MP4B	Z	.323	.323	0	%100
59	MP5B	X	.559	.559	0	%100
60	MP5B	Z	.323	.323	0	%100
61	M76	X	.559	.559	0	%100
62	M76	Z	.323	.323	0	%100
63	M77	X	.457	.457	0	%100
64	M77	Z	.264	.264	0	%100
65	M72	X	.064	.064	0	%100
66	M72	Z	.037	.037	0	%100
67	M73	X	.064	.064	0	%100
68	M73	Z	.037	.037	0	%100
69	M76A	X	.378	.378	0	%100
70	M76A	Z	.218	.218	0	%100
71	M81A	X	.064	.064	0	%100
72	M81A	Z	.037	.037	0	%100
73	M82	X	.064	.064	0	%100
74	M82	Z	.037	.037	0	%100
75	M82A	X	.169	.169	0	%100
76	M82A	Z	.098	.098	0	%100
77	M88	X	.169	.169	0	%100
78	M88	Z	.098	.098	0	%100
79	M94	X	.676	.676	0	%100
80	M94	Z	.39	.39	0	%100
81	M106	X	.206	.206	0	%100
82	M106	Z	.119	.119	0	%100
83	M107	X	.824	.824	0	%100
84	M107	Z	.475	.475	0	%100
85	M108	X	.206	.206	0	%100
86	M108	Z	.119	.119	0	%100
87	M109	X	.861	.861	0	%100
88	M109	Z	.497	.497	0	%100
89	M110	X	.163	.163	0	%100
90	M110	Z	.094	.094	0	%100
91	M111	X	.163	.163	0	%100
92	M111	Z	.094	.094	0	%100
93	M112	X	.861	.861	0	%100
94	M112	Z	.497	.497	0	%100
95	M113	X	.533	.533	0	%100
96	M113	Z	.308	.308	0	%100
97	M114	X	.533	.533	0	%100
98	M114	Z	.308	.308	0	%100
99	M115	X	.169	.169	0	%100
100	M115	Z	.098	.098	0	%100
101	M121	X	.169	.169	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
102	M121	Z	.098	.098	0	%100
103	M127	X	.676	.676	0	%100
104	M127	Z	.39	.39	0	%100
105	M139	X	.206	.206	0	%100
106	M139	Z	.119	.119	0	%100
107	M140	X	.824	.824	0	%100
108	M140	Z	.475	.475	0	%100
109	M141	X	.206	.206	0	%100
110	M141	Z	.119	.119	0	%100
111	M146	X	.064	.064	0	%100
112	M146	Z	.037	.037	0	%100
113	M147	X	.064	.064	0	%100
114	M147	Z	.037	.037	0	%100
115	M152	X	.064	.064	0	%100
116	M152	Z	.037	.037	0	%100
117	M153	X	.064	.064	0	%100
118	M153	Z	.037	.037	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.509	.509	0	%100
2	M1	Z	.882	.882	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	.509	.509	0	%100
6	M3	Z	.882	.882	0	%100
7	M4	X	.142	.142	0	%100
8	M4	Z	.247	.247	0	%100
9	M5	X	.142	.142	0	%100
10	M5	Z	.247	.247	0	%100
11	M9	X	.57	.57	0	%100
12	M9	Z	.987	.987	0	%100
13	M10	X	.57	.57	0	%100
14	M10	Z	.987	.987	0	%100
15	M14	X	.142	.142	0	%100
16	M14	Z	.247	.247	0	%100
17	M15	X	.142	.142	0	%100
18	M15	Z	.247	.247	0	%100
19	M19	X	.509	.509	0	%100
20	M19	Z	.882	.882	0	%100
21	M20	X	.509	.509	0	%100
22	M20	Z	.882	.882	0	%100
23	M21	X	0	0	0	%100
24	M21	Z	0	0	0	%100
25	M25	X	.198	.198	0	%100
26	M25	Z	.343	.343	0	%100
27	M28	X	.791	.791	0	%100
28	M28	Z	1.37	1.37	0	%100
29	M31	X	.198	.198	0	%100
30	M31	Z	.343	.343	0	%100
31	MP1A	X	.323	.323	0	%100
32	MP1A	Z	.559	.559	0	%100
33	MP2A	X	.323	.323	0	%100
34	MP2A	Z	.559	.559	0	%100
35	MP3A	X	.323	.323	0	%100
36	MP3A	Z	.559	.559	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
37	MP4A	X	.323	.323	0	%100
38	MP4A	Z	.559	.559	0	%100
39	MP5A	X	.323	.323	0	%100
40	MP5A	Z	.559	.559	0	%100
41	MP1C	X	.323	.323	0	%100
42	MP1C	Z	.559	.559	0	%100
43	MP2C	X	.323	.323	0	%100
44	MP2C	Z	.559	.559	0	%100
45	MP3C	X	.323	.323	0	%100
46	MP3C	Z	.559	.559	0	%100
47	MP4C	X	.323	.323	0	%100
48	MP4C	Z	.559	.559	0	%100
49	MP5C	X	.323	.323	0	%100
50	MP5C	Z	.559	.559	0	%100
51	MP1B	X	.323	.323	0	%100
52	MP1B	Z	.559	.559	0	%100
53	MP2B	X	.323	.323	0	%100
54	MP2B	Z	.559	.559	0	%100
55	MP3B	X	.323	.323	0	%100
56	MP3B	Z	.559	.559	0	%100
57	MP4B	X	.323	.323	0	%100
58	MP4B	Z	.559	.559	0	%100
59	MP5B	X	.323	.323	0	%100
60	MP5B	Z	.559	.559	0	%100
61	M76	X	.323	.323	0	%100
62	M76	Z	.559	.559	0	%100
63	M77	X	.264	.264	0	%100
64	M77	Z	.457	.457	0	%100
65	M72	X	.049	.049	0	%100
66	M72	Z	.085	.085	0	%100
67	M73	X	.049	.049	0	%100
68	M73	Z	.085	.085	0	%100
69	M76A	X	.218	.218	0	%100
70	M76A	Z	.378	.378	0	%100
71	M81A	X	.049	.049	0	%100
72	M81A	Z	.085	.085	0	%100
73	M82	X	.049	.049	0	%100
74	M82	Z	.085	.085	0	%100
75	M82A	X	.293	.293	0	%100
76	M82A	Z	.507	.507	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	0	0	0	%100
79	M94	X	.293	.293	0	%100
80	M94	Z	.507	.507	0	%100
81	M106	X	0	0	0	%100
82	M106	Z	0	0	0	%100
83	M107	X	.357	.357	0	%100
84	M107	Z	.618	.618	0	%100
85	M108	X	.357	.357	0	%100
86	M108	Z	.618	.618	0	%100
87	M109	X	.505	.505	0	%100
88	M109	Z	.874	.874	0	%100
89	M110	X	.102	.102	0	%100
90	M110	Z	.177	.177	0	%100
91	M111	X	.292	.292	0	%100
92	M111	Z	.505	.505	0	%100
93	M112	X	.292	.292	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
94	M112	Z	.505	.505	0	%100
95	M113	X	.102	.102	0	%100
96	M113	Z	.177	.177	0	%100
97	M114	X	.505	.505	0	%100
98	M114	Z	.874	.874	0	%100
99	M115	X	.293	.293	0	%100
100	M115	Z	.507	.507	0	%100
101	M121	X	0	0	0	%100
102	M121	Z	0	0	0	%100
103	M127	X	.293	.293	0	%100
104	M127	Z	.507	.507	0	%100
105	M139	X	0	0	0	%100
106	M139	Z	0	0	0	%100
107	M140	X	.357	.357	0	%100
108	M140	Z	.618	.618	0	%100
109	M141	X	.357	.357	0	%100
110	M141	Z	.618	.618	0	%100
111	M146	X	.049	.049	0	%100
112	M146	Z	.085	.085	0	%100
113	M147	X	.049	.049	0	%100
114	M147	Z	.085	.085	0	%100
115	M152	X	.049	.049	0	%100
116	M152	Z	.085	.085	0	%100
117	M153	X	.049	.049	0	%100
118	M153	Z	.085	.085	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	1.358	1.358	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	.34	.34	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	.34	.34	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M9	X	0	0	0	%100
12	M9	Z	.854	.854	0	%100
13	M10	X	0	0	0	%100
14	M10	Z	.854	.854	0	%100
15	M14	X	0	0	0	%100
16	M14	Z	.854	.854	0	%100
17	M15	X	0	0	0	%100
18	M15	Z	.854	.854	0	%100
19	M19	X	0	0	0	%100
20	M19	Z	.34	.34	0	%100
21	M20	X	0	0	0	%100
22	M20	Z	1.358	1.358	0	%100
23	M21	X	0	0	0	%100
24	M21	Z	.34	.34	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M28	X	0	0	0	%100
28	M28	Z	1.187	1.187	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M31	X	0	0	0	%100
30	M31	Z	1.187	1.187	0	%100
31	MP1A	X	0	0	0	%100
32	MP1A	Z	.645	.645	0	%100
33	MP2A	X	0	0	0	%100
34	MP2A	Z	.645	.645	0	%100
35	MP3A	X	0	0	0	%100
36	MP3A	Z	.645	.645	0	%100
37	MP4A	X	0	0	0	%100
38	MP4A	Z	.645	.645	0	%100
39	MP5A	X	0	0	0	%100
40	MP5A	Z	.645	.645	0	%100
41	MP1C	X	0	0	0	%100
42	MP1C	Z	.645	.645	0	%100
43	MP2C	X	0	0	0	%100
44	MP2C	Z	.645	.645	0	%100
45	MP3C	X	0	0	0	%100
46	MP3C	Z	.645	.645	0	%100
47	MP4C	X	0	0	0	%100
48	MP4C	Z	.645	.645	0	%100
49	MP5C	X	0	0	0	%100
50	MP5C	Z	.645	.645	0	%100
51	MP1B	X	0	0	0	%100
52	MP1B	Z	.645	.645	0	%100
53	MP2B	X	0	0	0	%100
54	MP2B	Z	.645	.645	0	%100
55	MP3B	X	0	0	0	%100
56	MP3B	Z	.645	.645	0	%100
57	MP4B	X	0	0	0	%100
58	MP4B	Z	.645	.645	0	%100
59	MP5B	X	0	0	0	%100
60	MP5B	Z	.645	.645	0	%100
61	M76	X	0	0	0	%100
62	M76	Z	.645	.645	0	%100
63	M77	X	0	0	0	%100
64	M77	Z	.528	.528	0	%100
65	M72	X	0	0	0	%100
66	M72	Z	.074	.074	0	%100
67	M73	X	0	0	0	%100
68	M73	Z	.074	.074	0	%100
69	M76A	X	0	0	0	%100
70	M76A	Z	.437	.437	0	%100
71	M81A	X	0	0	0	%100
72	M81A	Z	.074	.074	0	%100
73	M82	X	0	0	0	%100
74	M82	Z	.074	.074	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	.781	.781	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	.195	.195	0	%100
79	M94	X	0	0	0	%100
80	M94	Z	.195	.195	0	%100
81	M106	X	0	0	0	%100
82	M106	Z	.238	.238	0	%100
83	M107	X	0	0	0	%100
84	M107	Z	.238	.238	0	%100
85	M108	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
86	M108	Z	.951	.951	0	%100
87	M109	X	0	0	0	%100
88	M109	Z	.615	.615	0	%100
89	M110	X	0	0	0	%100
90	M110	Z	.615	.615	0	%100
91	M111	X	0	0	0	%100
92	M111	Z	.994	.994	0	%100
93	M112	X	0	0	0	%100
94	M112	Z	.189	.189	0	%100
95	M113	X	0	0	0	%100
96	M113	Z	.189	.189	0	%100
97	M114	X	0	0	0	%100
98	M114	Z	.994	.994	0	%100
99	M115	X	0	0	0	%100
100	M115	Z	.781	.781	0	%100
101	M121	X	0	0	0	%100
102	M121	Z	.195	.195	0	%100
103	M127	X	0	0	0	%100
104	M127	Z	.195	.195	0	%100
105	M139	X	0	0	0	%100
106	M139	Z	.238	.238	0	%100
107	M140	X	0	0	0	%100
108	M140	Z	.238	.238	0	%100
109	M141	X	0	0	0	%100
110	M141	Z	.951	.951	0	%100
111	M146	X	0	0	0	%100
112	M146	Z	.074	.074	0	%100
113	M147	X	0	0	0	%100
114	M147	Z	.074	.074	0	%100
115	M152	X	0	0	0	%100
116	M152	Z	.074	.074	0	%100
117	M153	X	0	0	0	%100
118	M153	Z	.074	.074	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.509	-.509	0	%100
2	M1	Z	.882	.882	0	%100
3	M2	X	-.509	-.509	0	%100
4	M2	Z	.882	.882	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-.142	-.142	0	%100
8	M4	Z	.247	.247	0	%100
9	M5	X	-.142	-.142	0	%100
10	M5	Z	.247	.247	0	%100
11	M9	X	-.142	-.142	0	%100
12	M9	Z	.247	.247	0	%100
13	M10	X	-.142	-.142	0	%100
14	M10	Z	.247	.247	0	%100
15	M14	X	-.57	-.57	0	%100
16	M14	Z	.987	.987	0	%100
17	M15	X	-.57	-.57	0	%100
18	M15	Z	.987	.987	0	%100
19	M19	X	0	0	0	%100
20	M19	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
21	M20	X	-.509	-.509	0	%100
22	M20	Z	.882	.882	0	%100
23	M21	X	-.509	-.509	0	%100
24	M21	Z	.882	.882	0	%100
25	M25	X	-.198	-.198	0	%100
26	M25	Z	.343	.343	0	%100
27	M28	X	-.198	-.198	0	%100
28	M28	Z	.343	.343	0	%100
29	M31	X	-.791	-.791	0	%100
30	M31	Z	1.37	1.37	0	%100
31	MP1A	X	-.323	-.323	0	%100
32	MP1A	Z	.559	.559	0	%100
33	MP2A	X	-.323	-.323	0	%100
34	MP2A	Z	.559	.559	0	%100
35	MP3A	X	-.323	-.323	0	%100
36	MP3A	Z	.559	.559	0	%100
37	MP4A	X	-.323	-.323	0	%100
38	MP4A	Z	.559	.559	0	%100
39	MP5A	X	-.323	-.323	0	%100
40	MP5A	Z	.559	.559	0	%100
41	MP1C	X	-.323	-.323	0	%100
42	MP1C	Z	.559	.559	0	%100
43	MP2C	X	-.323	-.323	0	%100
44	MP2C	Z	.559	.559	0	%100
45	MP3C	X	-.323	-.323	0	%100
46	MP3C	Z	.559	.559	0	%100
47	MP4C	X	-.323	-.323	0	%100
48	MP4C	Z	.559	.559	0	%100
49	MP5C	X	-.323	-.323	0	%100
50	MP5C	Z	.559	.559	0	%100
51	MP1B	X	-.323	-.323	0	%100
52	MP1B	Z	.559	.559	0	%100
53	MP2B	X	-.323	-.323	0	%100
54	MP2B	Z	.559	.559	0	%100
55	MP3B	X	-.323	-.323	0	%100
56	MP3B	Z	.559	.559	0	%100
57	MP4B	X	-.323	-.323	0	%100
58	MP4B	Z	.559	.559	0	%100
59	MP5B	X	-.323	-.323	0	%100
60	MP5B	Z	.559	.559	0	%100
61	M76	X	-.323	-.323	0	%100
62	M76	Z	.559	.559	0	%100
63	M77	X	-.264	-.264	0	%100
64	M77	Z	.457	.457	0	%100
65	M72	X	-.012	-.012	0	%100
66	M72	Z	.021	.021	0	%100
67	M73	X	-.012	-.012	0	%100
68	M73	Z	.021	.021	0	%100
69	M76A	X	-.218	-.218	0	%100
70	M76A	Z	.378	.378	0	%100
71	M81A	X	-.012	-.012	0	%100
72	M81A	Z	.021	.021	0	%100
73	M82	X	-.012	-.012	0	%100
74	M82	Z	.021	.021	0	%100
75	M82A	X	-.293	-.293	0	%100
76	M82A	Z	.507	.507	0	%100
77	M88	X	-.293	-.293	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
78	M88	Z	.507	.507	0	%100
79	M94	X	0	0	0	%100
80	M94	Z	0	0	0	%100
81	M106	X	-.357	-.357	0	%100
82	M106	Z	.618	.618	0	%100
83	M107	X	0	0	0	%100
84	M107	Z	0	0	0	%100
85	M108	X	-.357	-.357	0	%100
86	M108	Z	.618	.618	0	%100
87	M109	X	-.102	-.102	0	%100
88	M109	Z	.177	.177	0	%100
89	M110	X	-.505	-.505	0	%100
90	M110	Z	.874	.874	0	%100
91	M111	X	-.505	-.505	0	%100
92	M111	Z	.874	.874	0	%100
93	M112	X	-.102	-.102	0	%100
94	M112	Z	.177	.177	0	%100
95	M113	X	-.292	-.292	0	%100
96	M113	Z	.505	.505	0	%100
97	M114	X	-.292	-.292	0	%100
98	M114	Z	.505	.505	0	%100
99	M115	X	-.293	-.293	0	%100
100	M115	Z	.507	.507	0	%100
101	M121	X	-.293	-.293	0	%100
102	M121	Z	.507	.507	0	%100
103	M127	X	0	0	0	%100
104	M127	Z	0	0	0	%100
105	M139	X	-.357	-.357	0	%100
106	M139	Z	.618	.618	0	%100
107	M140	X	0	0	0	%100
108	M140	Z	0	0	0	%100
109	M141	X	-.357	-.357	0	%100
110	M141	Z	.618	.618	0	%100
111	M146	X	-.012	-.012	0	%100
112	M146	Z	.021	.021	0	%100
113	M147	X	-.012	-.012	0	%100
114	M147	Z	.021	.021	0	%100
115	M152	X	-.012	-.012	0	%100
116	M152	Z	.021	.021	0	%100
117	M153	X	-.012	-.012	0	%100
118	M153	Z	.021	.021	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.294	-.294	0	%100
2	M1	Z	.17	.17	0	%100
3	M2	X	-1.176	-1.176	0	%100
4	M2	Z	.679	.679	0	%100
5	M3	X	-.294	-.294	0	%100
6	M3	Z	.17	.17	0	%100
7	M4	X	-.74	-.74	0	%100
8	M4	Z	.427	.427	0	%100
9	M5	X	-.74	-.74	0	%100
10	M5	Z	.427	.427	0	%100
11	M9	X	0	0	0	%100
12	M9	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
13	M10	X	0	0	0	%100
14	M10	Z	0	0	0	%100
15	M14	X	-.74	-.74	0	%100
16	M14	Z	.427	.427	0	%100
17	M15	X	-.74	-.74	0	%100
18	M15	Z	.427	.427	0	%100
19	M19	X	-.294	-.294	0	%100
20	M19	Z	.17	.17	0	%100
21	M20	X	-.294	-.294	0	%100
22	M20	Z	.17	.17	0	%100
23	M21	X	-1.176	-1.176	0	%100
24	M21	Z	.679	.679	0	%100
25	M25	X	-1.028	-1.028	0	%100
26	M25	Z	.593	.593	0	%100
27	M28	X	0	0	0	%100
28	M28	Z	0	0	0	%100
29	M31	X	-1.028	-1.028	0	%100
30	M31	Z	.593	.593	0	%100
31	MP1A	X	-.559	-.559	0	%100
32	MP1A	Z	.323	.323	0	%100
33	MP2A	X	-.559	-.559	0	%100
34	MP2A	Z	.323	.323	0	%100
35	MP3A	X	-.559	-.559	0	%100
36	MP3A	Z	.323	.323	0	%100
37	MP4A	X	-.559	-.559	0	%100
38	MP4A	Z	.323	.323	0	%100
39	MP5A	X	-.559	-.559	0	%100
40	MP5A	Z	.323	.323	0	%100
41	MP1C	X	-.559	-.559	0	%100
42	MP1C	Z	.323	.323	0	%100
43	MP2C	X	-.559	-.559	0	%100
44	MP2C	Z	.323	.323	0	%100
45	MP3C	X	-.559	-.559	0	%100
46	MP3C	Z	.323	.323	0	%100
47	MP4C	X	-.559	-.559	0	%100
48	MP4C	Z	.323	.323	0	%100
49	MP5C	X	-.559	-.559	0	%100
50	MP5C	Z	.323	.323	0	%100
51	MP1B	X	-.559	-.559	0	%100
52	MP1B	Z	.323	.323	0	%100
53	MP2B	X	-.559	-.559	0	%100
54	MP2B	Z	.323	.323	0	%100
55	MP3B	X	-.559	-.559	0	%100
56	MP3B	Z	.323	.323	0	%100
57	MP4B	X	-.559	-.559	0	%100
58	MP4B	Z	.323	.323	0	%100
59	MP5B	X	-.559	-.559	0	%100
60	MP5B	Z	.323	.323	0	%100
61	M76	X	-.559	-.559	0	%100
62	M76	Z	.323	.323	0	%100
63	M77	X	-.457	-.457	0	%100
64	M77	Z	.264	.264	0	%100
65	M72	X	0	0	0	%100
66	M72	Z	0	0	0	%100
67	M73	X	0	0	0	%100
68	M73	Z	0	0	0	%100
69	M76A	X	-.378	-.378	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
70	M76A	Z	.218	.218	0	%100
71	M81A	X	0	0	0	%100
72	M81A	Z	0	0	0	%100
73	M82	X	0	0	0	%100
74	M82	Z	0	0	0	%100
75	M82A	X	-.169	-.169	0	%100
76	M82A	Z	.098	.098	0	%100
77	M88	X	-.676	-.676	0	%100
78	M88	Z	.39	.39	0	%100
79	M94	X	-.169	-.169	0	%100
80	M94	Z	.098	.098	0	%100
81	M106	X	-.824	-.824	0	%100
82	M106	Z	.475	.475	0	%100
83	M107	X	-.206	-.206	0	%100
84	M107	Z	.119	.119	0	%100
85	M108	X	-.206	-.206	0	%100
86	M108	Z	.119	.119	0	%100
87	M109	X	-.163	-.163	0	%100
88	M109	Z	.094	.094	0	%100
89	M110	X	-.861	-.861	0	%100
90	M110	Z	.497	.497	0	%100
91	M111	X	-.533	-.533	0	%100
92	M111	Z	.308	.308	0	%100
93	M112	X	-.533	-.533	0	%100
94	M112	Z	.308	.308	0	%100
95	M113	X	-.861	-.861	0	%100
96	M113	Z	.497	.497	0	%100
97	M114	X	-.163	-.163	0	%100
98	M114	Z	.094	.094	0	%100
99	M115	X	-.169	-.169	0	%100
100	M115	Z	.098	.098	0	%100
101	M121	X	-.676	-.676	0	%100
102	M121	Z	.39	.39	0	%100
103	M127	X	-.169	-.169	0	%100
104	M127	Z	.098	.098	0	%100
105	M139	X	-.824	-.824	0	%100
106	M139	Z	.475	.475	0	%100
107	M140	X	-.206	-.206	0	%100
108	M140	Z	.119	.119	0	%100
109	M141	X	-.206	-.206	0	%100
110	M141	Z	.119	.119	0	%100
111	M146	X	0	0	0	%100
112	M146	Z	0	0	0	%100
113	M147	X	0	0	0	%100
114	M147	Z	0	0	0	%100
115	M152	X	0	0	0	%100
116	M152	Z	0	0	0	%100
117	M153	X	0	0	0	%100
118	M153	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-1.019	-1.019	0	%100
4	M2	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
5	M3	X	-1.019	-1.019	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-1.139	-1.139	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-1.139	-1.139	0	%100
10	M5	Z	0	0	0	%100
11	M9	X	-.285	-.285	0	%100
12	M9	Z	0	0	0	%100
13	M10	X	-.285	-.285	0	%100
14	M10	Z	0	0	0	%100
15	M14	X	-.285	-.285	0	%100
16	M14	Z	0	0	0	%100
17	M15	X	-.285	-.285	0	%100
18	M15	Z	0	0	0	%100
19	M19	X	-1.019	-1.019	0	%100
20	M19	Z	0	0	0	%100
21	M20	X	0	0	0	%100
22	M20	Z	0	0	0	%100
23	M21	X	-1.019	-1.019	0	%100
24	M21	Z	0	0	0	%100
25	M25	X	-1.582	-1.582	0	%100
26	M25	Z	0	0	0	%100
27	M28	X	-.396	-.396	0	%100
28	M28	Z	0	0	0	%100
29	M31	X	-.396	-.396	0	%100
30	M31	Z	0	0	0	%100
31	MP1A	X	-.645	-.645	0	%100
32	MP1A	Z	0	0	0	%100
33	MP2A	X	-.645	-.645	0	%100
34	MP2A	Z	0	0	0	%100
35	MP3A	X	-.645	-.645	0	%100
36	MP3A	Z	0	0	0	%100
37	MP4A	X	-.645	-.645	0	%100
38	MP4A	Z	0	0	0	%100
39	MP5A	X	-.645	-.645	0	%100
40	MP5A	Z	0	0	0	%100
41	MP1C	X	-.645	-.645	0	%100
42	MP1C	Z	0	0	0	%100
43	MP2C	X	-.645	-.645	0	%100
44	MP2C	Z	0	0	0	%100
45	MP3C	X	-.645	-.645	0	%100
46	MP3C	Z	0	0	0	%100
47	MP4C	X	-.645	-.645	0	%100
48	MP4C	Z	0	0	0	%100
49	MP5C	X	-.645	-.645	0	%100
50	MP5C	Z	0	0	0	%100
51	MP1B	X	-.645	-.645	0	%100
52	MP1B	Z	0	0	0	%100
53	MP2B	X	-.645	-.645	0	%100
54	MP2B	Z	0	0	0	%100
55	MP3B	X	-.645	-.645	0	%100
56	MP3B	Z	0	0	0	%100
57	MP4B	X	-.645	-.645	0	%100
58	MP4B	Z	0	0	0	%100
59	MP5B	X	-.645	-.645	0	%100
60	MP5B	Z	0	0	0	%100
61	M76	X	-.645	-.645	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
62	M76	Z	0	0	0	%100
63	M77	X	-.528	-.528	0	%100
64	M77	Z	0	0	0	%100
65	M72	X	-.025	-.025	0	%100
66	M72	Z	0	0	0	%100
67	M73	X	-.025	-.025	0	%100
68	M73	Z	0	0	0	%100
69	M76A	X	-.437	-.437	0	%100
70	M76A	Z	0	0	0	%100
71	M81A	X	-.025	-.025	0	%100
72	M81A	Z	0	0	0	%100
73	M82	X	-.025	-.025	0	%100
74	M82	Z	0	0	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	0	0	0	%100
77	M88	X	-.586	-.586	0	%100
78	M88	Z	0	0	0	%100
79	M94	X	-.586	-.586	0	%100
80	M94	Z	0	0	0	%100
81	M106	X	-.713	-.713	0	%100
82	M106	Z	0	0	0	%100
83	M107	X	-.713	-.713	0	%100
84	M107	Z	0	0	0	%100
85	M108	X	0	0	0	%100
86	M108	Z	0	0	0	%100
87	M109	X	-.583	-.583	0	%100
88	M109	Z	0	0	0	%100
89	M110	X	-.583	-.583	0	%100
90	M110	Z	0	0	0	%100
91	M111	X	-.205	-.205	0	%100
92	M111	Z	0	0	0	%100
93	M112	X	-1.01	-1.01	0	%100
94	M112	Z	0	0	0	%100
95	M113	X	-1.01	-1.01	0	%100
96	M113	Z	0	0	0	%100
97	M114	X	-.205	-.205	0	%100
98	M114	Z	0	0	0	%100
99	M115	X	0	0	0	%100
100	M115	Z	0	0	0	%100
101	M121	X	-.586	-.586	0	%100
102	M121	Z	0	0	0	%100
103	M127	X	-.586	-.586	0	%100
104	M127	Z	0	0	0	%100
105	M139	X	-.713	-.713	0	%100
106	M139	Z	0	0	0	%100
107	M140	X	-.713	-.713	0	%100
108	M140	Z	0	0	0	%100
109	M141	X	0	0	0	%100
110	M141	Z	0	0	0	%100
111	M146	X	-.025	-.025	0	%100
112	M146	Z	0	0	0	%100
113	M147	X	-.025	-.025	0	%100
114	M147	Z	0	0	0	%100
115	M152	X	-.025	-.025	0	%100
116	M152	Z	0	0	0	%100
117	M153	X	-.025	-.025	0	%100
118	M153	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.294	-.294	0	%100
2	M1	Z	-.17	-.17	0	%100
3	M2	X	-.294	-.294	0	%100
4	M2	Z	-.17	-.17	0	%100
5	M3	X	-1.176	-1.176	0	%100
6	M3	Z	-.679	-.679	0	%100
7	M4	X	-.74	-.74	0	%100
8	M4	Z	-.427	-.427	0	%100
9	M5	X	-.74	-.74	0	%100
10	M5	Z	-.427	-.427	0	%100
11	M9	X	-.74	-.74	0	%100
12	M9	Z	-.427	-.427	0	%100
13	M10	X	-.74	-.74	0	%100
14	M10	Z	-.427	-.427	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	M19	X	-1.176	-1.176	0	%100
20	M19	Z	-.679	-.679	0	%100
21	M20	X	-.294	-.294	0	%100
22	M20	Z	-.17	-.17	0	%100
23	M21	X	-.294	-.294	0	%100
24	M21	Z	-.17	-.17	0	%100
25	M25	X	-1.028	-1.028	0	%100
26	M25	Z	-.593	-.593	0	%100
27	M28	X	-1.028	-1.028	0	%100
28	M28	Z	-.593	-.593	0	%100
29	M31	X	0	0	0	%100
30	M31	Z	0	0	0	%100
31	MP1A	X	-.559	-.559	0	%100
32	MP1A	Z	-.323	-.323	0	%100
33	MP2A	X	-.559	-.559	0	%100
34	MP2A	Z	-.323	-.323	0	%100
35	MP3A	X	-.559	-.559	0	%100
36	MP3A	Z	-.323	-.323	0	%100
37	MP4A	X	-.559	-.559	0	%100
38	MP4A	Z	-.323	-.323	0	%100
39	MP5A	X	-.559	-.559	0	%100
40	MP5A	Z	-.323	-.323	0	%100
41	MP1C	X	-.559	-.559	0	%100
42	MP1C	Z	-.323	-.323	0	%100
43	MP2C	X	-.559	-.559	0	%100
44	MP2C	Z	-.323	-.323	0	%100
45	MP3C	X	-.559	-.559	0	%100
46	MP3C	Z	-.323	-.323	0	%100
47	MP4C	X	-.559	-.559	0	%100
48	MP4C	Z	-.323	-.323	0	%100
49	MP5C	X	-.559	-.559	0	%100
50	MP5C	Z	-.323	-.323	0	%100
51	MP1B	X	-.559	-.559	0	%100
52	MP1B	Z	-.323	-.323	0	%100
53	MP2B	X	-.559	-.559	0	%100
54	MP2B	Z	-.323	-.323	0	%100
55	MP3B	X	-.559	-.559	0	%100
56	MP3B	Z	-.323	-.323	0	%100
57	MP4B	X	-.559	-.559	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP4B	Z	-.323	-.323	0	%100
59	MP5B	X	-.559	-.559	0	%100
60	MP5B	Z	-.323	-.323	0	%100
61	M76	X	-.559	-.559	0	%100
62	M76	Z	-.323	-.323	0	%100
63	M77	X	-.457	-.457	0	%100
64	M77	Z	-.264	-.264	0	%100
65	M72	X	-.064	-.064	0	%100
66	M72	Z	-.037	-.037	0	%100
67	M73	X	-.064	-.064	0	%100
68	M73	Z	-.037	-.037	0	%100
69	M76A	X	-.378	-.378	0	%100
70	M76A	Z	-.218	-.218	0	%100
71	M81A	X	-.064	-.064	0	%100
72	M81A	Z	-.037	-.037	0	%100
73	M82	X	-.064	-.064	0	%100
74	M82	Z	-.037	-.037	0	%100
75	M82A	X	-.169	-.169	0	%100
76	M82A	Z	-.098	-.098	0	%100
77	M88	X	-.169	-.169	0	%100
78	M88	Z	-.098	-.098	0	%100
79	M94	X	-.676	-.676	0	%100
80	M94	Z	-.39	-.39	0	%100
81	M106	X	-.206	-.206	0	%100
82	M106	Z	-.119	-.119	0	%100
83	M107	X	-.824	-.824	0	%100
84	M107	Z	-.475	-.475	0	%100
85	M108	X	-.206	-.206	0	%100
86	M108	Z	-.119	-.119	0	%100
87	M109	X	-.861	-.861	0	%100
88	M109	Z	-.497	-.497	0	%100
89	M110	X	-.163	-.163	0	%100
90	M110	Z	-.094	-.094	0	%100
91	M111	X	-.163	-.163	0	%100
92	M111	Z	-.094	-.094	0	%100
93	M112	X	-.861	-.861	0	%100
94	M112	Z	-.497	-.497	0	%100
95	M113	X	-.533	-.533	0	%100
96	M113	Z	-.308	-.308	0	%100
97	M114	X	-.533	-.533	0	%100
98	M114	Z	-.308	-.308	0	%100
99	M115	X	-.169	-.169	0	%100
100	M115	Z	-.098	-.098	0	%100
101	M121	X	-.169	-.169	0	%100
102	M121	Z	-.098	-.098	0	%100
103	M127	X	-.676	-.676	0	%100
104	M127	Z	-.39	-.39	0	%100
105	M139	X	-.206	-.206	0	%100
106	M139	Z	-.119	-.119	0	%100
107	M140	X	-.824	-.824	0	%100
108	M140	Z	-.475	-.475	0	%100
109	M141	X	-.206	-.206	0	%100
110	M141	Z	-.119	-.119	0	%100
111	M146	X	-.064	-.064	0	%100
112	M146	Z	-.037	-.037	0	%100
113	M147	X	-.064	-.064	0	%100
114	M147	Z	-.037	-.037	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M152	X	-.064	-.064	0	%100
116	M152	Z	-.037	-.037	0	%100
117	M153	X	-.064	-.064	0	%100
118	M153	Z	-.037	-.037	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.509	-.509	0	%100
2	M1	Z	-.882	-.882	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-.509	-.509	0	%100
6	M3	Z	-.882	-.882	0	%100
7	M4	X	-.142	-.142	0	%100
8	M4	Z	-.247	-.247	0	%100
9	M5	X	-.142	-.142	0	%100
10	M5	Z	-.247	-.247	0	%100
11	M9	X	-.57	-.57	0	%100
12	M9	Z	-.987	-.987	0	%100
13	M10	X	-.57	-.57	0	%100
14	M10	Z	-.987	-.987	0	%100
15	M14	X	-.142	-.142	0	%100
16	M14	Z	-.247	-.247	0	%100
17	M15	X	-.142	-.142	0	%100
18	M15	Z	-.247	-.247	0	%100
19	M19	X	-.509	-.509	0	%100
20	M19	Z	-.882	-.882	0	%100
21	M20	X	-.509	-.509	0	%100
22	M20	Z	-.882	-.882	0	%100
23	M21	X	0	0	0	%100
24	M21	Z	0	0	0	%100
25	M25	X	-.198	-.198	0	%100
26	M25	Z	-.343	-.343	0	%100
27	M28	X	-.791	-.791	0	%100
28	M28	Z	-1.37	-1.37	0	%100
29	M31	X	-.198	-.198	0	%100
30	M31	Z	-.343	-.343	0	%100
31	MP1A	X	-.323	-.323	0	%100
32	MP1A	Z	-.559	-.559	0	%100
33	MP2A	X	-.323	-.323	0	%100
34	MP2A	Z	-.559	-.559	0	%100
35	MP3A	X	-.323	-.323	0	%100
36	MP3A	Z	-.559	-.559	0	%100
37	MP4A	X	-.323	-.323	0	%100
38	MP4A	Z	-.559	-.559	0	%100
39	MP5A	X	-.323	-.323	0	%100
40	MP5A	Z	-.559	-.559	0	%100
41	MP1C	X	-.323	-.323	0	%100
42	MP1C	Z	-.559	-.559	0	%100
43	MP2C	X	-.323	-.323	0	%100
44	MP2C	Z	-.559	-.559	0	%100
45	MP3C	X	-.323	-.323	0	%100
46	MP3C	Z	-.559	-.559	0	%100
47	MP4C	X	-.323	-.323	0	%100
48	MP4C	Z	-.559	-.559	0	%100
49	MP5C	X	-.323	-.323	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
50	MP5C	Z	-.559	-.559	0	%100
51	MP1B	X	-.323	-.323	0	%100
52	MP1B	Z	-.559	-.559	0	%100
53	MP2B	X	-.323	-.323	0	%100
54	MP2B	Z	-.559	-.559	0	%100
55	MP3B	X	-.323	-.323	0	%100
56	MP3B	Z	-.559	-.559	0	%100
57	MP4B	X	-.323	-.323	0	%100
58	MP4B	Z	-.559	-.559	0	%100
59	MP5B	X	-.323	-.323	0	%100
60	MP5B	Z	-.559	-.559	0	%100
61	M76	X	-.323	-.323	0	%100
62	M76	Z	-.559	-.559	0	%100
63	M77	X	-.264	-.264	0	%100
64	M77	Z	-.457	-.457	0	%100
65	M72	X	-.049	-.049	0	%100
66	M72	Z	-.085	-.085	0	%100
67	M73	X	-.049	-.049	0	%100
68	M73	Z	-.085	-.085	0	%100
69	M76A	X	-.218	-.218	0	%100
70	M76A	Z	-.378	-.378	0	%100
71	M81A	X	-.049	-.049	0	%100
72	M81A	Z	-.085	-.085	0	%100
73	M82	X	-.049	-.049	0	%100
74	M82	Z	-.085	-.085	0	%100
75	M82A	X	-.293	-.293	0	%100
76	M82A	Z	-.507	-.507	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	0	0	0	%100
79	M94	X	-.293	-.293	0	%100
80	M94	Z	-.507	-.507	0	%100
81	M106	X	0	0	0	%100
82	M106	Z	0	0	0	%100
83	M107	X	-.357	-.357	0	%100
84	M107	Z	-.618	-.618	0	%100
85	M108	X	-.357	-.357	0	%100
86	M108	Z	-.618	-.618	0	%100
87	M109	X	-.505	-.505	0	%100
88	M109	Z	-.874	-.874	0	%100
89	M110	X	-.102	-.102	0	%100
90	M110	Z	-.177	-.177	0	%100
91	M111	X	-.292	-.292	0	%100
92	M111	Z	-.505	-.505	0	%100
93	M112	X	-.292	-.292	0	%100
94	M112	Z	-.505	-.505	0	%100
95	M113	X	-.102	-.102	0	%100
96	M113	Z	-.177	-.177	0	%100
97	M114	X	-.505	-.505	0	%100
98	M114	Z	-.874	-.874	0	%100
99	M115	X	-.293	-.293	0	%100
100	M115	Z	-.507	-.507	0	%100
101	M121	X	0	0	0	%100
102	M121	Z	0	0	0	%100
103	M127	X	-.293	-.293	0	%100
104	M127	Z	-.507	-.507	0	%100
105	M139	X	0	0	0	%100
106	M139	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
107	M140	X	-.357	-.357	0	%100
108	M140	Z	-.618	-.618	0	%100
109	M141	X	-.357	-.357	0	%100
110	M141	Z	-.618	-.618	0	%100
111	M146	X	-.049	-.049	0	%100
112	M146	Z	-.085	-.085	0	%100
113	M147	X	-.049	-.049	0	%100
114	M147	Z	-.085	-.085	0	%100
115	M152	X	-.049	-.049	0	%100
116	M152	Z	-.085	-.085	0	%100
117	M153	X	-.049	-.049	0	%100
118	M153	Z	-.085	-.085	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M3	Y	-1.019	-2.63	0	2.333
2	M3	Y	-2.63	-4.723	2.333	4.667
3	M3	Y	-4.723	-6.01	4.667	7
4	M3	Y	-6.01	-4.723	7	9.333
5	M3	Y	-4.723	-2.63	9.333	11.667
6	M3	Y	-2.63	-1.019	11.667	14
7	M4	Y	-.497	-2.435	0	1.917
8	M4	Y	-2.435	-4.372	1.917	3.833
9	M10	Y	-.497	-2.435	0	1.917
10	M10	Y	-2.435	-4.372	1.917	3.833
11	M19	Y	-5.056	-5.056	.014	7.346
12	M1	Y	-.492	-2.793	0	2
13	M1	Y	-2.793	-4.5	2	4
14	M1	Y	-4.5	-5.143	4	6
15	M1	Y	-5.143	-5.292	6	8
16	M1	Y	-5.292	-4.772	8	10
17	M1	Y	-4.772	-3.025	10	12
18	M1	Y	-3.025	-.694	12	14
19	M9	Y	-.067	-1.007	0	.767
20	M9	Y	-1.007	-2.131	.767	1.533
21	M9	Y	-2.131	-3.327	1.533	2.3
22	M9	Y	-3.327	-4.08	2.3	3.067
23	M9	Y	-4.08	-4.503	3.067	3.833
24	M10	Y	.002	-.005	1.533	1.993
25	M10	Y	-.005	-.024	1.993	2.453
26	M10	Y	-.024	-.05	2.453	2.913
27	M10	Y	-.05	-.084	2.913	3.373
28	M10	Y	-.084	-.124	3.373	3.833
29	M12	Y	-.743	-.743	.019	.042
30	M13	Y	-2.18	-.743	0	.042
31	M15	Y	-.393	-1.105	.383	1.073
32	M15	Y	-1.105	-2.436	1.073	1.763
33	M15	Y	-2.436	-3.408	1.763	2.453
34	M15	Y	-3.408	-3.365	2.453	3.143
35	M15	Y	-3.365	-3.288	3.143	3.833
36	M18	Y	-5.464	-5.464	0	.042
37	M20	Y	-4.202	-4.697	0	1.472
38	M20	Y	-4.697	-5.052	1.472	2.944
39	M20	Y	-5.052	-5.254	2.944	4.416
40	M20	Y	-5.254	-5.049	4.416	5.888
41	M20	Y	-5.049	-4.449	5.888	7.36

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
42	M33	Y	-2.056	-2.056	0	.167
43	M35	Y	-2.739	-2.739	0	.167
44	M2	Y	-1.019	-2.63	0	2.333
45	M2	Y	-2.63	-4.723	2.333	4.667
46	M2	Y	-4.723	-6.01	4.667	7
47	M2	Y	-6.01	-4.723	7	9.333
48	M2	Y	-4.723	-2.63	9.333	11.667
49	M2	Y	-2.63	-1.019	11.667	14
50	M5	Y	-.497	-2.435	0	1.917
51	M5	Y	-2.435	-4.372	1.917	3.833
52	M14	Y	-.497	-2.435	0	1.917
53	M14	Y	-2.435	-4.372	1.917	3.833
54	M21	Y	-5.056	-5.056	.014	7.346

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M3	Y	-1.99	-5.136	0	2.333
2	M3	Y	-5.136	-9.223	2.333	4.667
3	M3	Y	-9.223	-11.737	4.667	7
4	M3	Y	-11.737	-9.223	7	9.333
5	M3	Y	-9.223	-5.136	9.333	11.667
6	M3	Y	-5.136	-1.99	11.667	14
7	M4	Y	-.97	-4.754	0	1.917
8	M4	Y	-4.754	-8.538	1.917	3.833
9	M10	Y	-.97	-4.754	0	1.917
10	M10	Y	-4.754	-8.538	1.917	3.833
11	M19	Y	-9.873	-9.873	.014	7.346
12	M1	Y	-.962	-5.455	0	2
13	M1	Y	-5.455	-8.787	2	4
14	M1	Y	-8.787	-10.043	4	6
15	M1	Y	-10.043	-10.335	6	8
16	M1	Y	-10.335	-9.32	8	10
17	M1	Y	-9.32	-5.907	10	12
18	M1	Y	-5.907	-1.355	12	14
19	M9	Y	-.131	-1.967	0	.767
20	M9	Y	-1.967	-4.161	.767	1.533
21	M9	Y	-4.161	-6.496	1.533	2.3
22	M9	Y	-6.496	-7.969	2.3	3.067
23	M9	Y	-7.969	-8.794	3.067	3.833
24	M10	Y	.004	-.01	1.533	1.993
25	M10	Y	-.01	-.048	1.993	2.453
26	M10	Y	-.048	-.098	2.453	2.913
27	M10	Y	-.098	-.164	2.913	3.373
28	M10	Y	-.164	-.242	3.373	3.833
29	M12	Y	-1.451	-1.451	.019	.042
30	M13	Y	-4.257	-1.451	0	.042
31	M15	Y	-.767	-2.157	.383	1.073
32	M15	Y	-2.157	-4.758	1.073	1.763
33	M15	Y	-4.758	-6.655	1.763	2.453
34	M15	Y	-6.655	-6.572	2.453	3.143
35	M15	Y	-6.572	-6.422	3.143	3.833
36	M18	Y	-10.671	-10.671	0	.042
37	M20	Y	-8.205	-9.172	0	1.472
38	M20	Y	-9.172	-9.866	1.472	2.944
39	M20	Y	-9.866	-10.261	2.944	4.416
40	M20	Y	-10.261	-9.86	4.416	5.888

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
41	M20	Y	-9.86	-8.688	5.888	7.36
42	M33	Y	-4.014	-4.014	0	.167
43	M35	Y	-5.348	-5.348	0	.167
44	M2	Y	-1.99	-5.136	0	2.333
45	M2	Y	-5.136	-9.223	2.333	4.667
46	M2	Y	-9.223	-11.737	4.667	7
47	M2	Y	-11.737	-9.223	7	9.333
48	M2	Y	-9.223	-5.136	9.333	11.667
49	M2	Y	-5.136	-1.99	11.667	14
50	M5	Y	-.97	-4.754	0	1.917
51	M5	Y	-4.754	-8.538	1.917	3.833
52	M14	Y	-.97	-4.754	0	1.917
53	M14	Y	-4.754	-8.538	1.917	3.833
54	M21	Y	-9.873	-9.873	.014	7.346

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N8	N15	N25	N7	Y	Two Way	-.005
2	N3	N25	N36	N2	Y	Two Way	-.005
3	N5	N14	N37	N6	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N8	N15	N25	N7	Y	Two Way	-.01
2	N3	N25	N36	N2	Y	Two Way	-.01
3	N5	N14	N37	N6	Y	Two Way	-.01

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc.....		LC	phi*Pn...	phi*Pn...	phi*Mn...	phi*Mn.....		Eqn
1	M1	L3X3X4	.672	1.021	23	.276	7	z	17	15778...	46656	1.688	2.161	1	H2-1
2	M2	L3X3X4	.349	7	3	.249	7	z	21	15778...	46656	1.688	3.136	1...	H2-1
3	M3	L3X3X4	.861	14	7	.271	7	z	24	15778...	46656	1.688	2.161	1	H2-1
4	M4	L3X3X4	.293	.479	7	.099	3.354	z	1	33693...	46656	1.688	3.756	4...	H2-1
5	M5	L3X3X4	.303	.479	1	.103	3.354	y	1	33693...	46656	1.688	3.756	3...	H2-1
6	M9	L3X3X4	.310	3.354	3	.166	3.354	z	3	33693...	46656	1.688	3.733	1...	H2-1
7	M10	L3X3X4	.311	3.354	3	.199	3.833	y	2	33693...	46656	1.688	3.721	1...	H2-1
8	M14	L3X3X4	.301	.479	11	.100	3.354	z	5	33693...	46656	1.688	3.756	4...	H2-1
9	M15	L3X3X4	.300	.479	11	.103	3.354	y	5	33693...	46656	1.688	3.756	4...	H2-1
10	M19	L3X3X4	.384	3.68	2	.025	3.68	z	2	14270...	46656	1.688	3.247	1...	H2-1
11	M20	L3X3X4	.350	3.68	3	.023	3.68	z	2	14270...	46656	1.688	3.263	1...	H2-1
12	M21	L3X3X4	.261	3.68	12	.017	3.68	z	23	14270...	46656	1.688	3.192	1...	H2-1
13	MP1A	PIPE_2.0	.174	2.188	1	.078	3.719		2	17855...	32130	1.872	1.872	3...	H1-1b
14	MP2A	PIPE_2.0	.225	1.938	9	.098	3.438		16	20866...	32130	1.872	1.872	2...	H1-1b
15	MP3A	PIPE_2.5	.409	3.427	7	.138	3.427		7	33961...	50715	3.596	3.596	1...	H1-1b
16	MP4A	PIPE_2.0	.350	4.875	20	.167	3.438		21	20866...	32130	1.872	1.872	2...	H1-1b
17	MP5A	PIPE_2.0	.287	3.719	9	.097	5.031		9	17855...	32130	1.872	1.872	3...	H1-1b
18	MP1C	PIPE_2.0	.177	2.188	9	.077	5.031		8	17855...	32130	1.872	1.872	1...	H1-1b
19	MP2C	PIPE_2.0	.197	1.938	6	.092	3.438		13	20866...	32130	1.872	1.872	3...	H1-1b
20	MP3C	PIPE_2.5	.383	3.427	3	.110	3.427		3	33961...	50715	3.596	3.596	1...	H1-1b
21	MP4C	PIPE_2.0	.214	4.875	17	.113	3.438		16	20866...	32130	1.872	1.872	2...	H1-1b
22	MP5C	PIPE_2.0	.167	3.646	1	.078	3.719		7	17855...	32130	1.872	1.872	4...	H1-1b
23	MP1B	PIPE_2.0	.286	3.719	8	.093	5.031		2	17855...	32130	1.872	1.872	2...	H1-1b
24	MP2B	PIPE_2.0	.297	4.875	22	.136	3.438		22	20866...	32130	1.872	1.872	2...	H1-1b

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc.....		LC	phi*Pn...	phi*Pn...	phi*Mn...	phi*Mn.....	Eqn
25	MP3B	PIPE_2.5	.399	3.427	11	.105	3.427		11	33961...	50715	3.596	3.596	1...H1-1b
26	MP4B	PIPE_2.0	.227	4.875	13	.120	3.438		13	20866...	32130	1.872	1.872	2...H1-1b
27	MP5B	PIPE_2.0	.192	3.646	9	.087	3.719		3	17855...	32130	1.872	1.872	1...H1-1b
28	M76	PIPE_2.0	.419	7.708	8	.150	9.271		8	9836.5...	32130	1.872	1.872	1...H1-1b
29	M77	PIPE_2.0	.778	2.75	8	.182	1.75		8	28843...	32130	1.872	1.872	1...H1-1b
30	M72	SR_0.5	.633	0	1	.141	0		2	5827.1...	6350.4	.052	.052	1...H1-1b
31	M73	SR_0.5	.633	0	1	.143	0		2	5827.1...	6350.4	.052	.052	1...H1-1b
32	M76A	PIPE_2.0	.002	1	12	.001	1		7	31274...	32130	1.872	1.872	2...H1-1b
33	M81A	SR_0.5	.690	0	7	.156	0		8	5827.1...	6350.4	.052	.052	1...H1-1b
34	M82	SR_0.5	.667	0	7	.165	0		8	5827.1...	6350.4	.052	.052	1...H1-1b
35	M82A	PIPE_2.5	.221	3.521	19	.124	3.385		19	13460...	50715	3.596	3.596	1...H1-1b
36	M88	PIPE_2.5	.156	9.479	16	.101	9.615		15	13460...	50715	3.596	3.596	1...H1-1b
37	M94	PIPE_2.5	.224	9.479	23	.137	9.615		23	13460...	50715	3.596	3.596	1...H1-1b
38	M106	L3X3X4	.297	1.753	18	.050	1.753	y	7	43585...	46656	1.688	3.756	1...H2-1
39	M107	L3X3X4	.192	1.753	15	.017	1.753	y	45	43585...	46656	1.688	3.756	1...H2-1
40	M108	L3X3X4	.190	1.753	23	.011	0	y	10	43585...	46656	1.688	3.756	1...H2-1
41	M109	L2.5x2.5x3	.162	2.231	19	.006	0	y	18	15244...	29192.4	.873	1.668	1...H2-1
42	M110	L2.5x2.5x3	.122	2.231	16	.006	4.462	y	3	15244...	29192.4	.873	1.668	1...H2-1
43	M111	L2.5x2.5x3	.120	2.231	14	.005	4.462	z	7	15244...	29192.4	.873	1.668	1...H2-1
44	M112	L2.5x2.5x3	.128	2.231	16	.006	4.462	y	11	15244...	29192.4	.873	1.668	1...H2-1
45	M113	L2.5x2.5x3	.118	2.231	14	.005	0	z	3	15244...	29192.4	.873	1.668	1...H2-1
46	M114	L2.5x2.5x3	.166	2.231	23	.006	4.462	z	23	15244...	29192.4	.873	1.668	1...H2-1
47	M115	PIPE_2.5	.161	6.906	18	.058	7.042		12	13460...	50715	3.596	3.596	1...H1-1b
48	M121	PIPE_2.5	.121	7.042	5	.056	7.042		8	13460...	50715	3.596	3.596	1...H1-1b
49	M127	PIPE_2.5	.158	7.042	1	.058	7.042		4	13460...	50715	3.596	3.596	1...H1-1b
50	M139	L3X3X4	.277	0	6	.064	1.753	y	7	43585...	46656	1.688	3.756	2...H2-1
51	M140	L3X3X4	.251	0	2	.034	0	y	2	43585...	46656	1.688	3.756	2...H2-1
52	M141	L3X3X4	.256	0	4	.034	.11	y	10	43585...	46656	1.688	3.756	2...H2-1
53	M146	SR_0.625	.324	0	2	.129	0		16	9388.9...	9946.8	.097	.097	1...H1-1b
54	M147	SR_0.625	.324	0	2	.129	0		16	9388.9...	9946.8	.097	.097	1...H1-1b
55	M152	SR_0.625	.312	0	22	.132	0		22	9388.9...	9946.8	.097	.097	1...H1-1b
56	M153	SR_0.625	.312	0	22	.132	0		22	9388.9...	9946.8	.097	.097	1...H1-1b

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N186	max	457.176	38	1190.525	19	2105.529	19	0	18	0	2	0	2
2		min	-574.068	8	317.764	2	588.904	2	0	1	0	8	0	8
3	N190	max	1503.017	16	1010.446	16	-179.387	42	0	12	0	12	0	6
4		min	408.867	11	303.719	9	-952.855	13	0	6	0	6	0	24
5	N194	max	-489.459	3	1200.893	22	-56.158	9	0	3	0	9	0	24
6		min	-2096.718	22	366.061	4	-775.227	17	0	23	0	3	0	7
7	N255	max	4153.147	10	2248.739	18	1553.969	1	-.832	1	3.231	11	.039	5
8		min	-3823.228	4	485.164	1	-2225.66	7	-5.005	18	-3.021	5	-.045	10
9	N257	max	2162.79	10	1930.722	15	3458.477	1	2.114	15	2.579	7	3.658	15
10		min	-2635.458	4	624.847	9	-3142.935	7	.601	9	-2.643	1	1.041	9
11	N259	max	3039.548	9	2201.796	24	3732.607	1	2.435	24	2.981	1	-.843	6
12		min	-2287.707	3	464.346	7	-3682.82	7	.454	6	-3.264	7	-4.219	24
13	Totals:	max	8344.185	10	9331.211	14	8472.795	1						
14		min	-8344.235	4	3767.304	8	-8472.742	7						

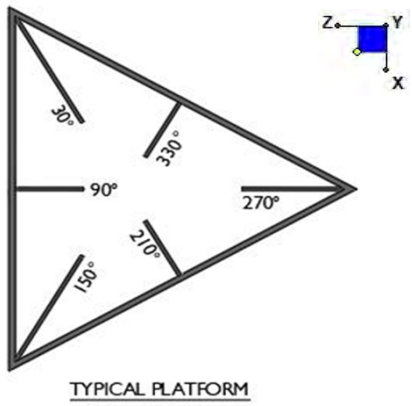
Client:	Verizon Wirless	Date:	5/26/2021
Site Name:	CHESHIRE 2 CT		
Project No.	21777111A		
Title:	Mount Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

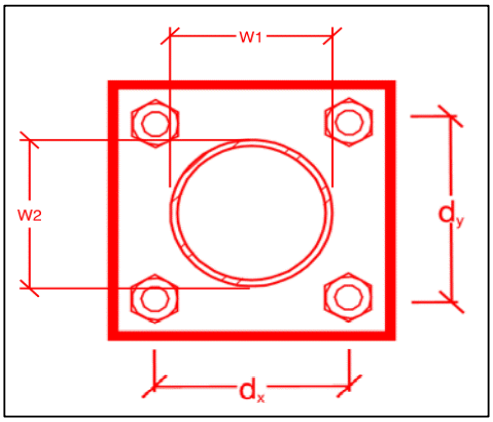
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N255	90
N259	330
N257	210



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:	no
Bolt Quantity per Reaction:	1
d_x (in) *(Delta X of typ. bolt config. sketch)* :	
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	
Bolt Type:	A325N
Bolt Diameter (in):	0.75
Required Tensile Strength (kips):	13.4
Required Shear Strength (kips):	10.0
Tensile Strength / bolt (kips):	29.8
Shear Strength / bolt (kips):	17.9
Tensile Capacity Overall:	**44.8%***
Shear Capacity Overall:	**55.6%**



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

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Mount Modification

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

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

Base Requirements:

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

Photo Requirements:

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

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

Material Certification:

- Materials utilized must be as per specification on the drawings or the equivalent as validated by Maser Consulting Connecticut.
    - If the drawings are as specified on the drawings
        - The contractor should provide the packing list or the materials utilized to perform the mount modification
    - If an equivalent is utilized
        - It is required that the Maser Consulting Connecticut certification of such is included in the contractor submission package. There may be an additional charge for this certification if the equivalent submission doesn't meet specifications as prescribed in the drawings.
- The contractor must certify that the materials meet these specifications by one of these methods.

☐ The Material utilized was as specified on the Maser Consulting Connecticut Mount Modification Drawings and included in the Material certification folder is a packing list or invoice for these materials

☐ The material utilized was an "equivalent" and included as part of the contractor submission is the Maser Consulting Connecticut certification, invoices, or specifications validating accepted status

Certifying Individual: Company _____

Name _____

Signature _____

Antenna & equipment placement and Geometry Confirmation:

- The contractor must certify that the antenna & equipment placement and geometry is in accordance with the antenna placement diagrams as included in this mount analysis.

☐ The contractor certifies that the photos support and the equipment on the mount is as depicted on the antenna placement diagrams as included in this mount analysis.

☐ The contractor notes that the equipment on the mount is not in accordance with the antenna placement diagrams and has accordingly marked up the diagrams or provided a diagram outlining the differences.

Certifying Individual: Company _____

Name _____

Signature _____

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

Issue:

Contractor to ensure existing and proposed mount connections do not nor will not interfere with safety climb wire rope. Contractor to install safety climb wire rope guides as necessary.

Response:

Schedule A – Photo & Document File Structure

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

Structure: 468071-VZW - CHESHIRE 2 CT

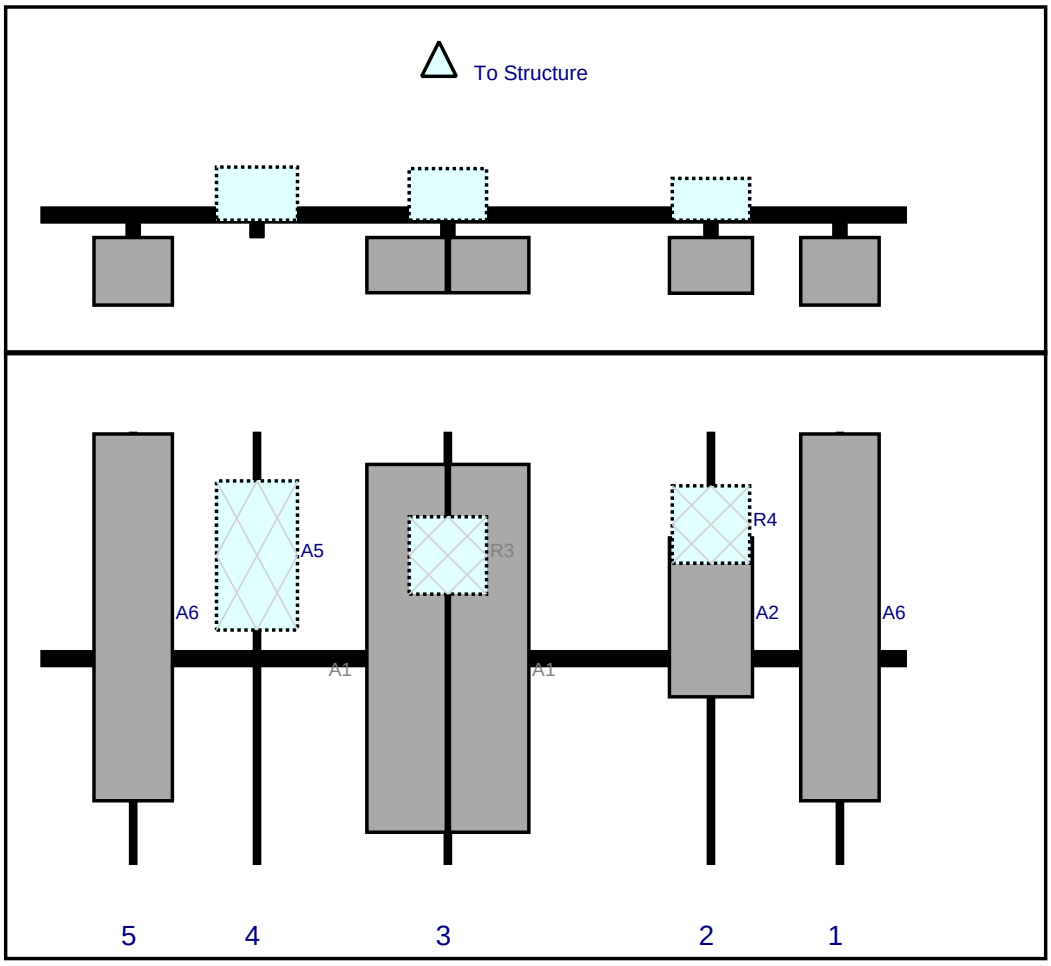
Sector: **A** 5/27/2021

Structure Type: Self Support

Mount Elev: 165.00 Page: 1

Plan View

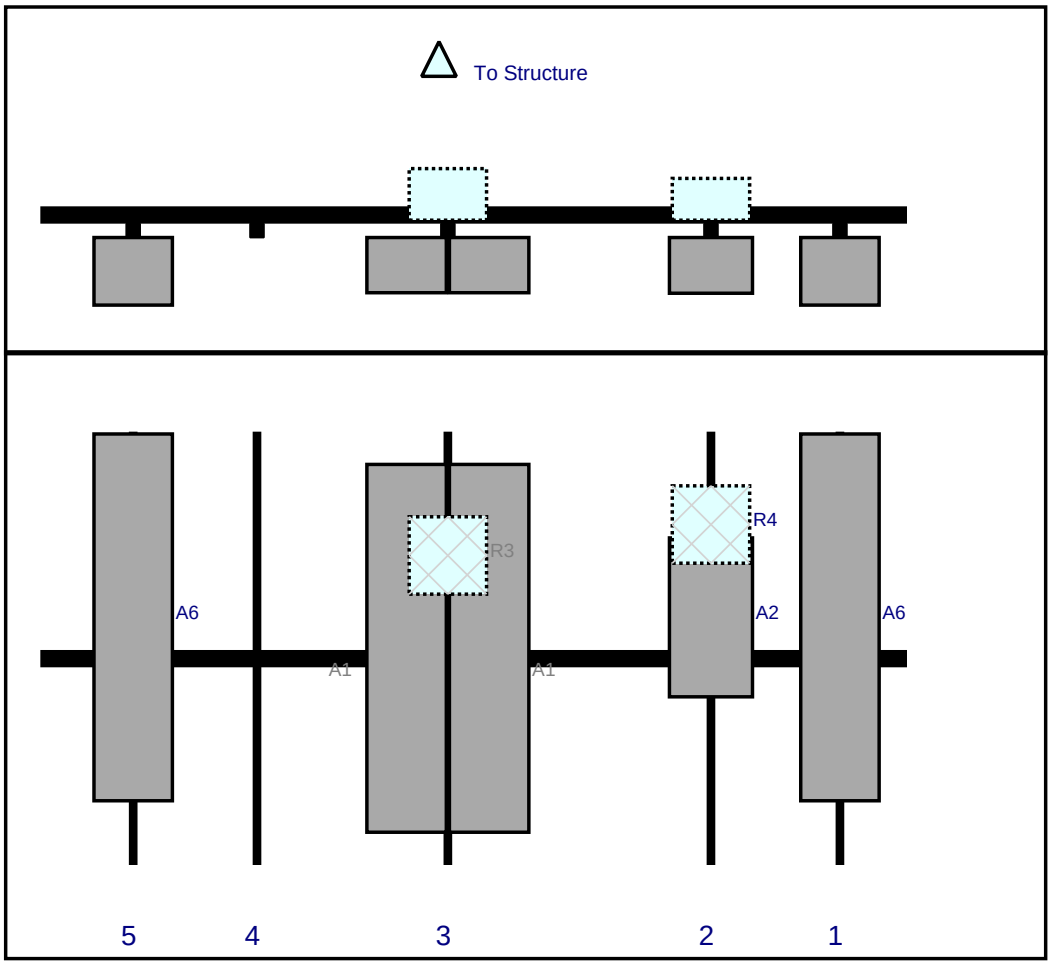
Front View
Looking at Structure



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
A2	MT6407-77A	30.8	16.1	130	2	a	Front	36	0	Added	
R4	B5/B13 RRH	15	15	130	2	a	Behind	18	0	Added	
A1	MX06FRO660-02	71.3	15.4	79	3	a	Front	42	8	Added	
A1	MX06FRO660-02	71.3	15.4	79	3	b	Front	42	-8	Added	
R3	B2/B66A RRH	15	15	79	3	a	Behind	24	0	Added	
A5	RVZDC-6627-PF-48	28.9	15.7	42	4	a	Behind	24	0	Added	
A6	LPA-80063/6CF	71.1	15.2	18	5	a	Front	36	0	Retained	
A6	LPA-80063/6CF	71.1	15.2	155	1	a	Front	36	0	Retained	

Plan View

Front View
Looking at Structure



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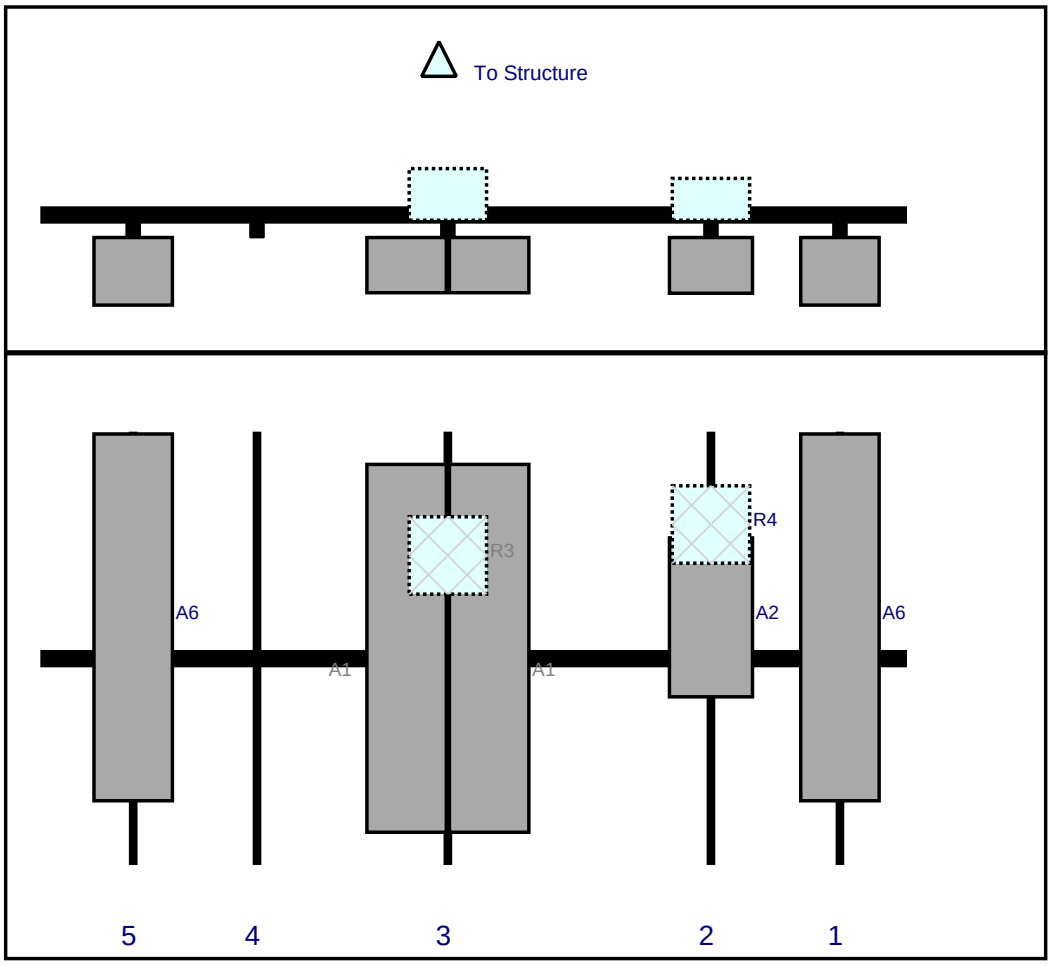
A1	MX06FRO660-02	71.3	15.4	79	3	a	Front	42	8	Added	
A1	MX06FRO660-02	71.3	15.4	79	3	b	Front	42	-8	Added	
R3	B2/B66A RRH	15	15	79	3	a	Behind	24	0	Added	
A6	LPA-80063/6CF	71.1	15.2	155	1	a	Front	36	0	Retained	
A2	MT6407-77A	30.8	16.1	130	2	a	Front	36	0	Added	
R4	B5/B13 RRH	15	15	130	2	a	Behind	18	0	Added	
A6	LPA-80063/6CF	71.1	15.2	18	5	a	Front	36	0	Retained	

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
A6	LPA-80063/6CF	71.1	15.2	155	1	a	Front	36	0	Retained	
A6	LPA-80063/6CF	71.1	15.2	18	5	a	Front	36	0	Retained	
A2	MT6407-77A	30.8	16.1	130	2	a	Front	36	0	Added	
R4	B5/B13 RRH	15	15	130	2	a	Behind	18	0	Added	
A1	MX06FRO660-02	71.3	15.4	79	3	a	Front	42	8	Added	
A1	MX06FRO660-02	71.3	15.4	79	3	b	Front	42	-8	Added	
R3	B2/B66A RRH	15	15	79	3	a	Behind	24	0	Added	

Exhibit F

Power Density/RF Emissions Report

Site Name: ***CHESHIRE 2 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	623	2494	167	0.0032	0.5007	0.64%
VZW CDMA	877.26	2	499	998	167	0.0013	0.5848	0.22%
VZW Cellular	874	4	623	2494	167	0.0032	0.5827	0.55%
VZW PCS	1975	4	1333	5332	167	0.0069	1.0000	0.69%
VZW AWS	2120	4	1496	5982	167	0.0077	1.0000	0.77%
VZW CBAND	3730.08	4	6531	26125	167	0.0337	1.0000	3.37%
Total Percentage of Maximum Permissible Exposure								6.24%

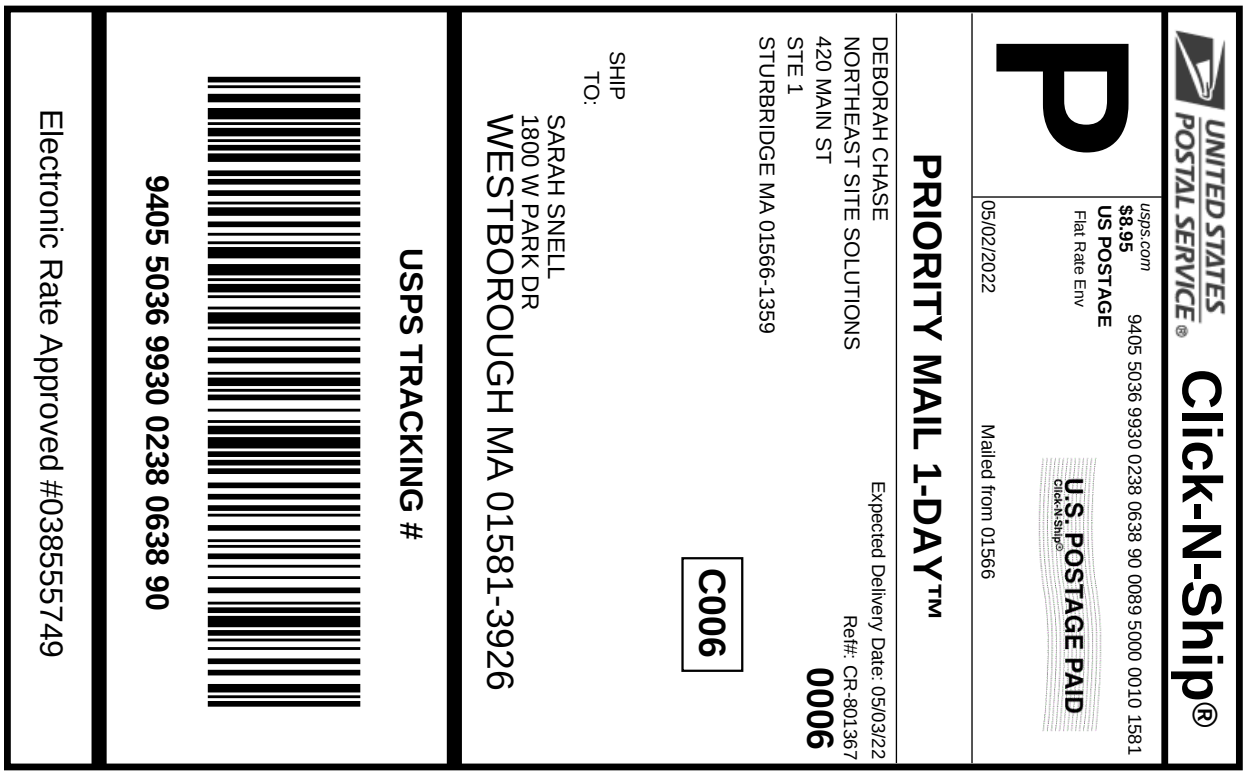
*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992
**Calculation includes a -10 dB Off Beam Antenna Pattern Adjustment pursuant to Attachments B and C of the Siting Council's November 10, 2015 Memorandum for Exempt Modification filings

MHz = Megahertz
mW/cm^2 = milliwatts per square centimeter
ERP = Effective Radiated Power

Absolute worst case maximum values used.

Exhibit G

Recipient Mailings



Cut on dotted line.

Instructions

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2. **Place your label so it does not wrap around the edge of the package.**
3. **Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT TAPE OVER BARCODE. Be sure all edges are secure.**
4. **To mail your package with PC Postage®, you may schedule a Package Pickup online, hand to your letter carrier, take to a Post Office™, or drop in a USPS collection box.**
5. **Mail your package on the "Ship Date" you selected when creating this label.**

Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0238 0638 90

Trans. #:	562580239
Print Date:	05/02/2022
Ship Date:	05/02/2022
Expected Delivery Date:	05/03/2022

Priority Mail® Postage:	**$8.95**
Total:	**$8.95**

From: DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
420 MAIN ST
STE 1
STURBRIDGE MA 01566-1359

Ref#: CR-801367

To: SARAH SNELL
1800 W PARK DR
WESTBOROUGH MA 01581-3926

* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.

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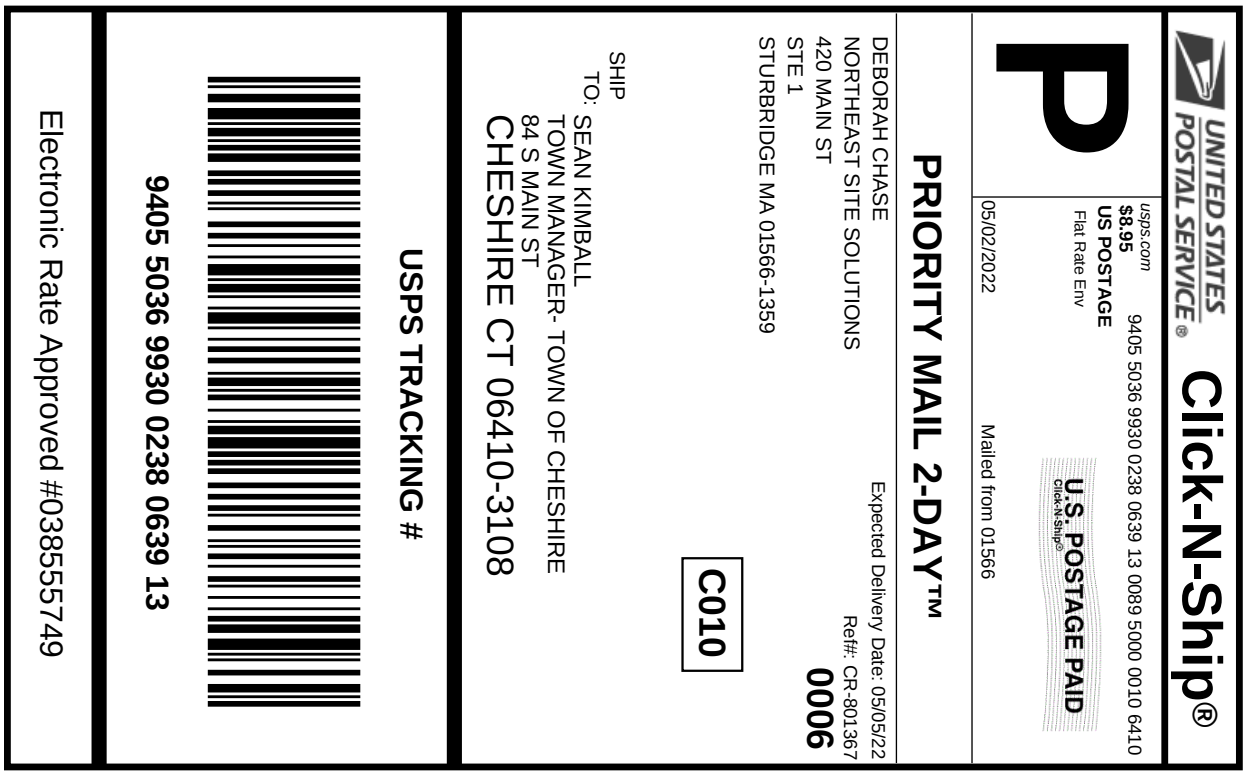

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Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0238 0639 13

Trans. #:	562580239
Print Date:	05/02/2022
Ship Date:	05/02/2022
Expected Delivery Date:	05/05/2022

Priority Mail® Postage:	**$8.95**
Total:	**$8.95**

From: DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
420 MAIN ST
STE 1
STURBRIDGE MA 01566-1359

Ref#: CR-801367

To: SEAN KIMBALL
TOWN MANAGER- TOWN OF CHESHIRE
84 S MAIN ST
CHESHIRE CT 06410-3108

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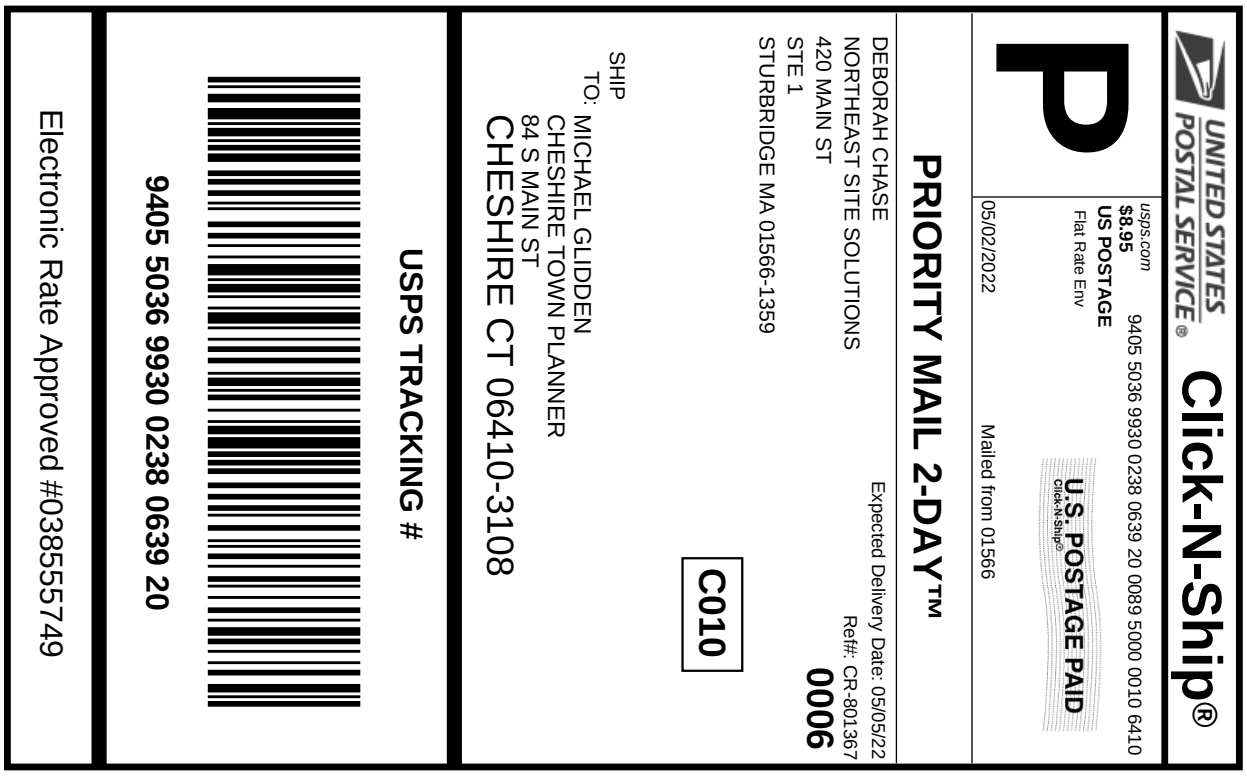

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Trans. #:	562580239
Print Date:	05/02/2022
Ship Date:	05/02/2022
Expected Delivery Date:	05/05/2022

Priority Mail® Postage:	**$8.95**
Total:	**$8.95**

From: DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
420 MAIN ST
STE 1
STURBRIDGE MA 01566-1359

Ref#: CR-801367

To: MICHAEL GLIDDEN
CHESHIRE TOWN PLANNER
84 S MAIN ST
CHESHIRE CT 06410-3108

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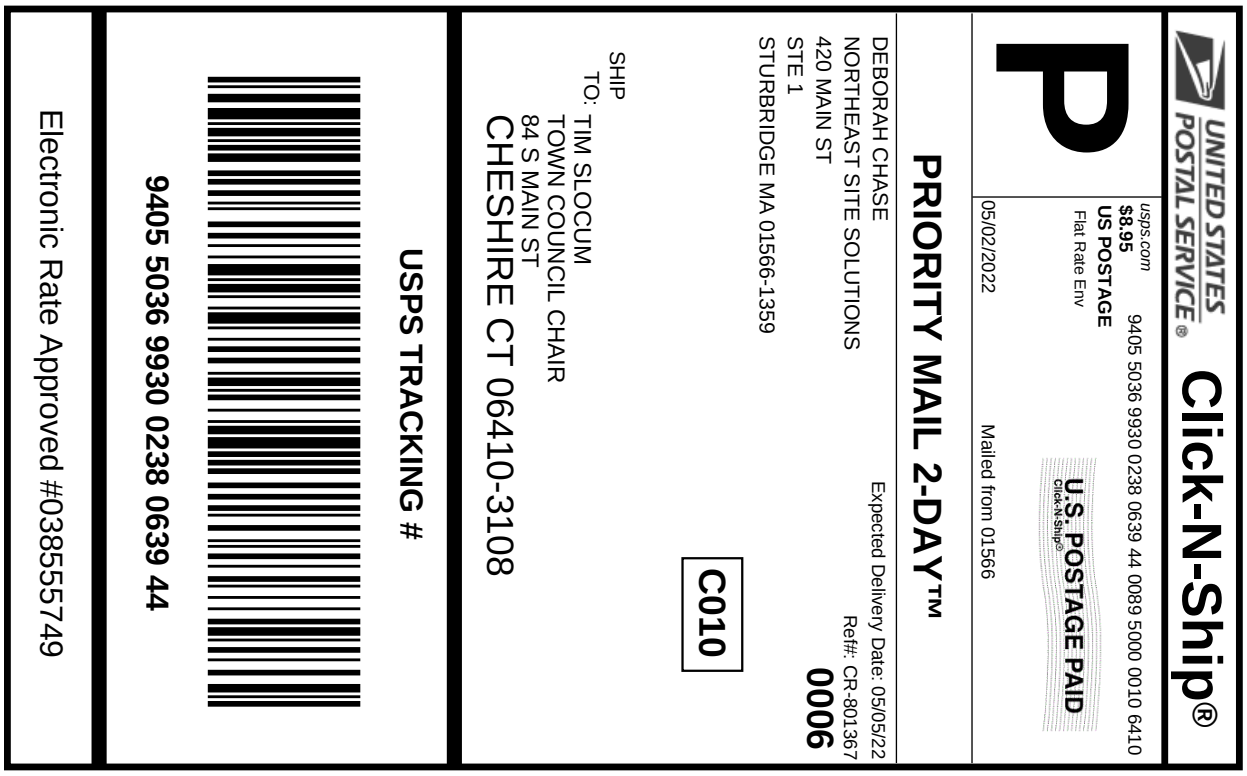

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Ship Date:	05/02/2022
Expected Delivery Date:	05/05/2022

Priority Mail® Postage:	**$8.95**
Total:	**$8.95**

From: DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
420 MAIN ST
STE 1
STURBRIDGE MA 01566-1359

Ref#: CR-801367

To: TIM SLOCUM
TOWN COUNCIL CHAIR
84 S MAIN ST
CHESHIRE CT 06410-3108

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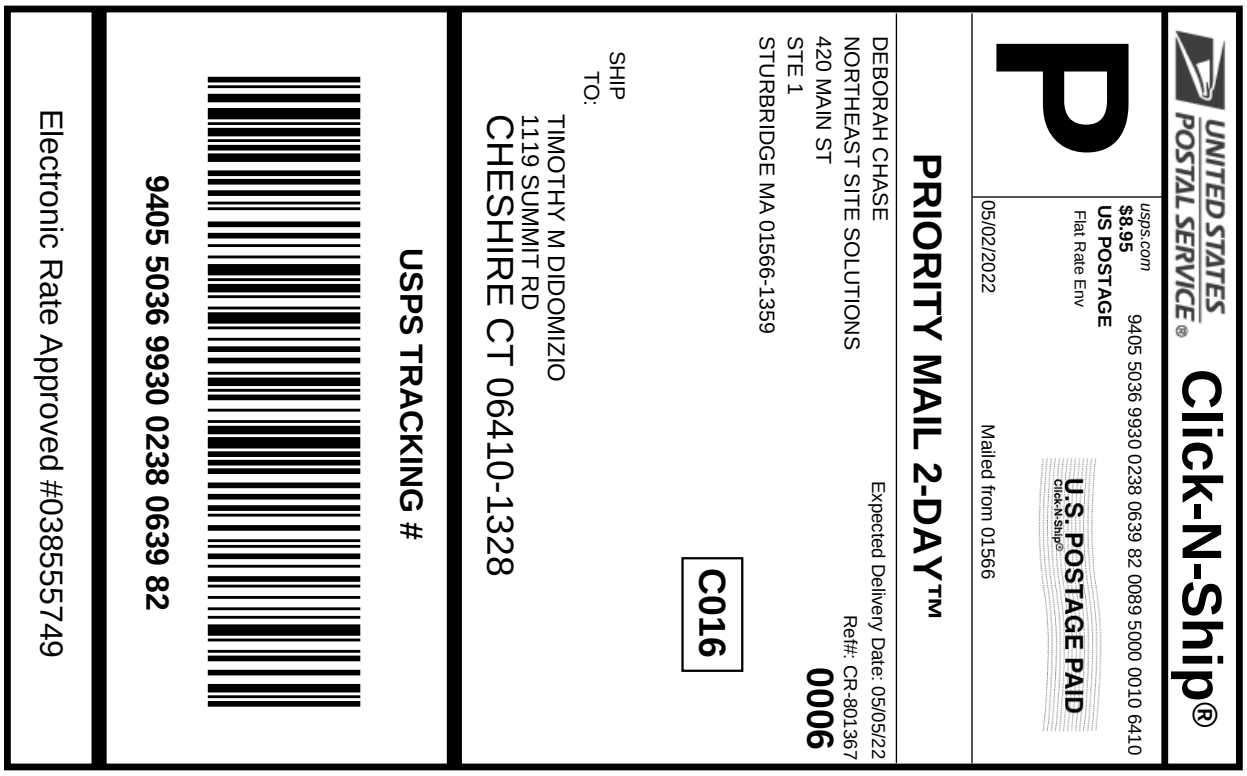

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5. **Mail your package on the "Ship Date" you selected when creating this label.**

Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0238 0639 82

Trans. #:	562580239
Print Date:	05/02/2022
Ship Date:	05/02/2022
Expected Delivery Date:	05/05/2022

Priority Mail® Postage:	**$8.95**
Total:	**$8.95**

From: DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
420 MAIN ST
STE 1
STURBRIDGE MA 01566-1359

Ref#: CR-801367

To: TIMOTHY M DIDOMIZIO
1119 SUMMIT RD
CHESHIRE CT 06410-1328

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801367 Crom V.2W

UNITED STATES POSTAL SERVICE.

UNIONVILLE
24 MILL ST
UNIONVILLE, CT 06085-9998
(800)275-8777

05/02/2022 12:41 PM

Product	Qty	Unit Price	Price
Prepaid Mail Cheshire, CT 06410 Weight: 0 lb 9.50 oz Acceptance Date: Mon 05/02/2022 Tracking #: 9405 5036 9930 0238 0639 44	1		$0.00
Prepaid Mail Westborough, MA 01581 Weight: 0 lb 1.90 oz Acceptance Date: Mon 05/02/2022 Tracking #: 9405 5036 9930 0238 0638 90	1		$0.00
Prepaid Mail Cheshire, CT 06410 Weight: 0 lb 9.50 oz Acceptance Date: Mon 05/02/2022 Tracking #: 9405 5036 9930 0238 0639 82	1		$0.00
Prepaid Mail Cheshire, CT 06410 Weight: 0 lb 9.50 oz Acceptance Date: Mon 05/02/2022 Tracking #: 9405 5036 9930 0238 0639 13	1		$0.00
Prepaid Mail Cheshire, CT 06410 Weight: 0 lb 9.40 oz Acceptance Date: Mon 05/02/2022 Tracking #: 9405 5036 9930 0238 0639 20	1		$0.00
Grand Total:			$0.00

****
Every household in the U.S. is now
eligible to receive a second set
of 4 free test kits.
Go to www.covidtests.gov
****