NORTHEAST SITE SOLUTIONS
Turnkey Wireless Development

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

December 3, 2021

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

RE: Exempt Modification Application
258 Ridge Road, Madison, CT 06433
Latitude: 41.309194
Longitude: -72.614111
Site #: 5800059_Crown_VZW

Dear Ms. Bachman:

Verizon Wireless is requesting to file an exempt modification for an existing tower located at 258 Ridge Road, Madison, CT 06433. Verizon Wireless currently maintains twelve (12) antennas at the 130-foot level of the existing 150-foot tower. The property is owned by the Town of Madison and the tower is owned by Crown Castle. Verizon now intends to add three (3) antennas. The new antennas would be installed at the 130' level of the tower. This modification includes B2, B5 hardware that is both 4G (LTE), and 5G capable. Antenna mount modifications will be completed as per the attached Maser mount analysis dated October 28, 2021.

Verizon Planned Modifications:

Remove:
(1) 1-5/8" Coax

Remove and Replace:
(3) Nokia B13 RRH (3) – (REMOVE) - Samsung RRH-RF44390d-25A (REPLACE)
(3) Nokia B4 RRH (3) – (REMOVE) - Samsung RRH-RF4440d-13A (REPLACE)

Install New:
(3) MT6407-77A Antennas
(1) Raycap OVP
(1) Hybrid Line

Existing to Remain:
(12) ANDREW Antennas
(11) 1-5/8" Coax
(1) Hybrid Line

The facility was approved by the Connecticut Siting Council , Docket No. 363 on October 30, 2008. Please see attached.

NORTHEAST SITE SOLUTIONS

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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 Peggy Lyons, First Selectwoman and Erin Mannix, Town Planner for the Town of Madison. A copy is also being sent to the tower owner and property owner.

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

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

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

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

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

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

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

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

Sincerely,

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

NORTHEAST SITE SOLUTIONS
Turnkey Wireless Development

Attachments

Cc: Peggy Lyons, First Selectwoman & Property Owner
Town of Madison
8 Campus Drive
Madison, CT 06443

Erin Mannix, Town Planner
Town of Madison
8 Campus Drive
Madison, CT 06443

Crown Castle, Tower Owner

Exhibit A

Original Facility Approval

DOCKET NO. 363 – Crown Communications Inc. application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a telecommunications facility located at 258 Ridge Road, Madison, Connecticut.	}	Connecticut
	}	Siting
	}	Council

October 30, 2008

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, 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 Communications Inc., hereinafter referred to as the Certificate Holder, for a telecommunications facility at 258 Ridge Road, Madison, 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 Omnipoint Communications, Inc. and other entities, both public and private, but such tower shall not exceed a height of 150 feet above ground level. The tower and compound shall be moved approximately 50 feet to the north to avoid tree clearing.

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 served on the Town of Madison for comment, and all parties and intervenors as listed in the service list, and submitted to and approved by the Council prior to the commencement of facility construction and shall include:
    a) a final site plan(s) of site development to include specifications for the tower, tower foundation, antennas, equipment compound, radio equipment, access road, utility line, and landscaping; and
    b) construction plans for site clearing, grading, landscaping, water drainage, and erosion and sedimentation controls consistent with the 2002 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 the 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 ensure a recalculated report of the electromagnetic radio frequency power density be submitted to the Council 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. The Certificate Holder shall provide reasonable space on the tower for no compensation for any Town of Madison public safety services (police, fire and medical services), provided such use can be accommodated and is compatible with the structural integrity of the tower.

7. Unless otherwise approved by the Council, if the facility authorized herein is not fully constructed and providing wireless services within eighteen months from the date of the mailing of the Council's Findings of Fact, Opinion, and Decision and Order (collectively called "Final Decision"), 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. The time between the filing and resolution of any appeals of the Council's Final Decision shall not be counted in calculating this deadline.

8. Any request for extension of the time period referred to in Condition 7 shall be filed with the Council not later than 60 days prior to the expiration date of this Certificate and shall be served on all parties and intervenors, as listed in the service list, and the Town of Madison. Any proposed modifications to this Decision and Order shall likewise be so served.

9. If the facility ceases to provide wireless services for a period of one year, 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.

10. The Certificate Holder shall remove any nonfunctioning antenna, and associated antenna mounting equipment, within 60 days of the date the antenna ceased to function.

11. In accordance with Section 16-50j-77 of the Regulations of Connecticut State Agencies, the Certificate Holder shall provide the Council with written notice two weeks prior to the commencement of site construction activities. In addition, the Certificate Holder shall provide the Council with written notice of the completion of site construction and the commencement of site operation.

Pursuant to General Statutes § 16-50p, the Council hereby directs 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 *New Haven Register* and *The Source.*

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

The parties and intervenors to this proceeding are:

Applicant	**Its Representative**
Crown Communications, Inc.	Christopher B. Fisher, Esq. Cuddy & Feder LLP 445 Hamilton Avenue, 14th Floor White Plains, NY 10601
Intervenor	**Its Representative**
Omnipoint Communications, Inc.	Julie Kohler, Esq. Jesse Langer, Esq. Cohen and Wolf, P.C. 1115 Broad Street Bridgeport, CT 06604

Exhibit B

Property Card

258 RIDGE RD

Location	258 RIDGE RD	**MBLU**	78/ 3/ / /
Acct#	00453700	**Owner**	TOWN OF MADISON
Assessment	$103,500	**Appraisal**	$147,900
PID	4717	**Building Count**	1

Current Value

Appraisal					
Valuation Year	**Building**	**Extra Features**	**Outbuildings**	**Land**	**Total**
2018	$0	$0	$0	$147,900	$147,900
Assessment					
Valuation Year	**Building**	**Extra Features**	**Outbuildings**	**Land**	**Total**
2018	$0	$0	$0	$103,500	$103,500

Parcel Addreses

Additional Addresses		
Address	**City, State Zip**	**Type**
258 RIDGE RD		Primary

Owner of Record

Owner	TOWN OF MADISON	**Sale Price**	$100,000
Co-Owner		**Book & Page**	660/ 162
Care Of		**Sale Date**	06/16/1995
		Instrument	15

Ownership History

Ownership History				
Owner	**Sale Price**	**Book & Page**	**Instrument**	**Sale Date**
TOWN OF MADISON	$100,000	660/ 162	15	06/16/1995

Building Information

Building 1 : Section 1

Year Built:

Living Area: 0

Building Attributes	
Field	**Description**
Style	Vacant Land
Model	
Stories:	
Occupancy	
Exterior Wall 1	
Exterior Wall 2	
Roof Structure:	
Roof Cover	
Interior Wall 1	
Interior Wall 2	
Interior Flr 1	
Interior Flr 2	
Heat Fuel	
Heat Type:	
AC Type:	
Total Bedrooms:	
Total Bthrms:	
Total Half Baths:	
Total Xtra Fixtrs:	
Total Rooms:	
Fireplace(s)	
Xtra FPL Open	

Building Photo

(http://images.vgsi.com/photos/MadisonCTPhotos/\01\01\64/24.jpg)

Building Layout

(http://images.vgsi.com/photos/MadisonCTPhotos//Sketches/4717_4717.jp

Building Sub-Areas (sq ft)
No Data for Building Sub-Areas

Extra Features

Extra Features
No Data for Extra Features

Land

Land Use

Use Code 9035
Description Municipal Town
Zone RU-1

Land Line Valuation

Size (Acres) 3

Outbuildings

Outbuildings

No Data for Outbuildings

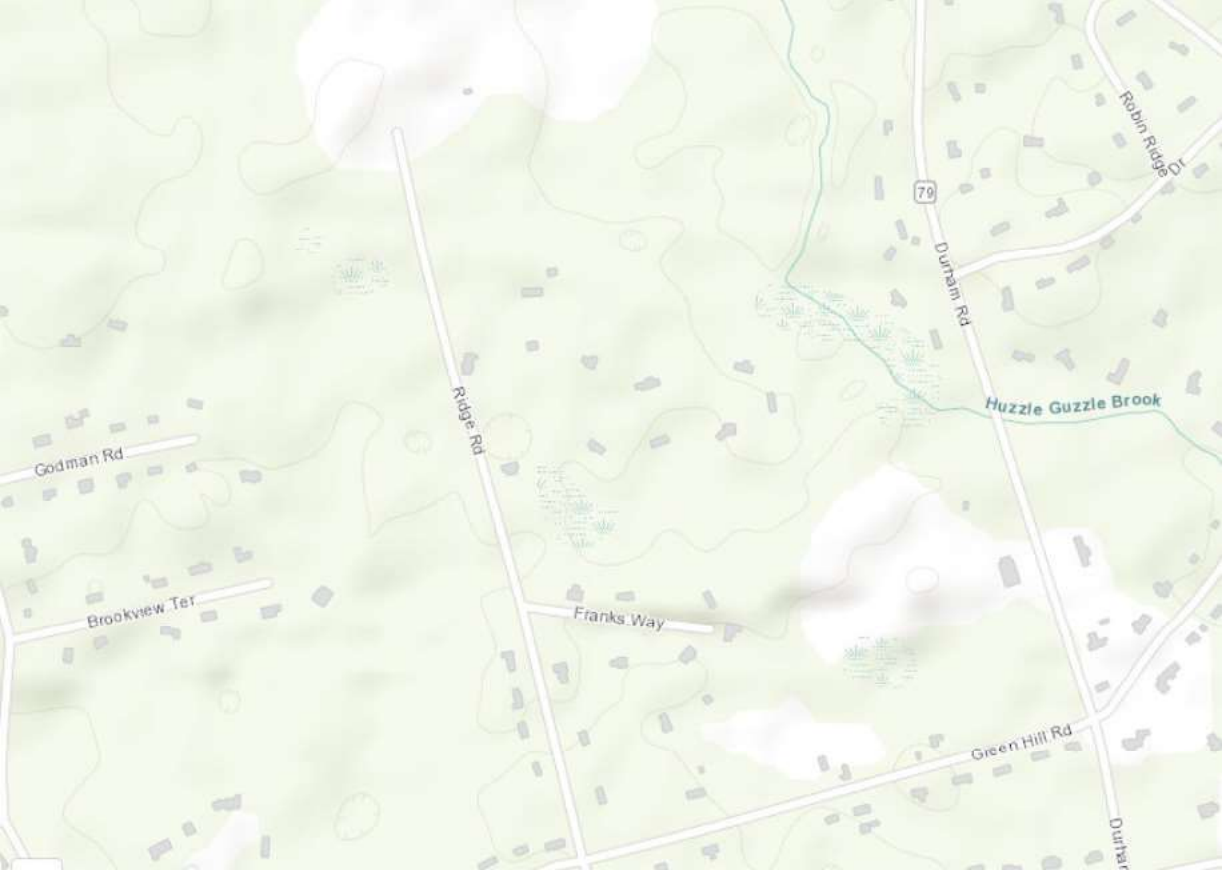

Robin Ridge Dr
79
Durham Rd
Huzzle Guzzle Brook
Ridge Rd
Godman Rd
Brookview Ter
Franks Way
Green Hill Rd

Exhibit C

Construction Drawings

verizon

VERIZON SITE NUMBER: 468184
VERIZON SITE NAME: MADISON 3 CT
SITE TYPE: MONOPOLE
TOWER HEIGHT: 150'-0"

BUSINESS UNIT #: 5800059
SITE ADDRESS: 258 RIDGE ROAD, MADISON, CT 06433
COUNTY: NEW HAVEN
JURISDICTION: CITY OF NEW HAVEN

VERIZON FUZE PROJECT #: 16486462

SITE INFORMATION

CROWN CASTLE USA INC. SITE NAME:	RIDGE ROAD, MADISON
SITE ADDRESS:	258 RIDGE ROAD MADISON, CT 06433
COUNTY:	NEW HAVEN
MAP/PARCEL #:	TBD
AREA OF CONSTRUCTION:	EXISTING
LATITUDE:	41° 18' 33.30" N (41.30925°)
LONGITUDE:	-72° 36' 51.57" W (-72.614325°)
LAT/LONG TYPE:	NAD83
GROUND ELEVATION:	167'
CURRENT ZONING:	N/A
JURISDICTION:	CITY OF NEW HAVEN
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 2000 CORPORATE DRIVE CANONSBURG, PA 15317
CARRIER/APPLICANT:	VERIZON WIRELESS 20 ALEXANDER DRIVE, 2ND FLOOR WALLINGFORD, CT 06492
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:	1200 MACARTHUR BLVD, SUITE 200 MAHWAH, NJ 07430 PAUL MALEK - PROJECT MANAGER PAUL.MALEK@CROWNCASTLE.COM SAIMIR BICI - CONSTRUCTION MANAGER SAIMIR.BICI@CROWNCASTLE.COM
VERIZON CONTACT:	TIMOTHY PARKS TIMOTHY.PARKS@VERIZONWIRELESS.COM

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	FIBER NAMING & EQUIPMENT DETAILS
C-6	COLOR CODE
C-7	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)	468184

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

MOUNT MODIFICATION REQUIRED	N

VzW APPROVED SMART KIT VENDORS

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

LOCATION MAP

DRIVING DIRECTIONS FROM VERIZON LOCAL OFFICE (180 WASHINGTON VALLEY RD, BEDMINSTER, NJ 07921)
DEPART AND HEAD TOWARD WASHINGTON VALLEY RD / COUNTY HWY-620, PRIVATE ROAD, GATED ROAD, TURN LEFT ONTO WASHINGTON VALLEY RD / COUNTY HWY-620, BEAR RIGHT ONTO US-206 N / US-202 N / US HIGHWAY 202 206, EXXON ON THE CORNER, TURN RIGHT ONTO SCHLEY MOUNTAIN RD, TAKE THE RAMP ON THE RIGHT FOR I-287 N, ENTERING NEW YORK, TAKE THE RAMP ON THE RIGHT FOR I-87 / I-287 SOUTH AND HEAD TOWARD NEW YORK CITY / TAPPAN ZEE BR, KEEP STRAIGHT TO GET ONTO I-287 E, TAKE THE RAMP FOR I-95 N, AT EXIT 61, HEAD RIGHT ON THE RAMP FOR CT-79 TOWARD NORTH MADISON, TURN LEFT ONTO CT-79 / DURHAM RD TOWARD NORTH MADISON, TURN LEFT ONTO GREEN HILL RD, TURN RIGHT ONTO RIDGE RD,
ARRIVE AT 258 RIDGE ROAD, MADISON, CT 06433

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 IBC
MECHANICAL	2015 IMC
ELECTRICAL	2017 NEC

REFERENCE DOCUMENTS:

STRUCTURAL ANALYSIS:	BY OTHERS
DATED:	
MOUNT ANALYSIS:	MASER CONSULTING CONNECTICUT
DATED:	10/28/2021
RFDS REVISION:	0
DATED:	07/16/2021
ORDER ID:	582739
REVISION:	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:
- REMOVE (6) RRHs
- REMOVE (1)COAX
- INSTALL (3) INTEGRATED ANTENNAS
- INSTALL (6) RRHs
- INSTALL (1) OVP
- INSTALL (1) HYBRID CABLE

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
1200 MACARTHUR BLVD, SUITE 200
MAHWAH, NJ 07430

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

VERIZON SITE NUMBER:
468184

BU #: **5800059**
RIDGE ROAD, MADISON

258 RIDGE ROAD
MADISON, CT 06433

EXISTING 150'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/16/2021	RCD	FINAL CDs	----

STATE OF CONNECTICUT
SHUHEI SAKANOUE
34916
LICENSED PROFESSIONAL ENGINEER
11/24/21

SHEET NUMBER: T-1
REVISION: 0

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.

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).

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

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

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

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

VERIZON SITE NUMBER:
468184

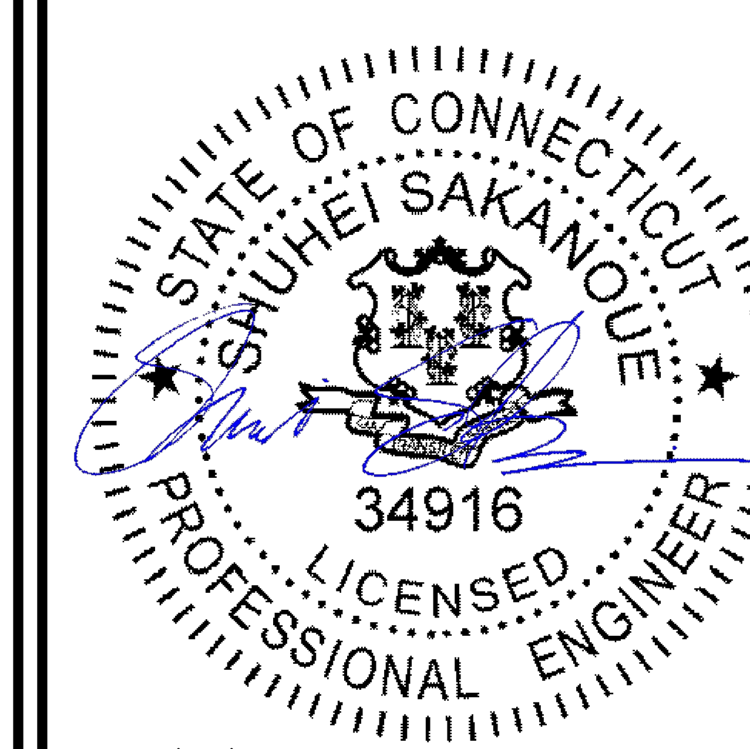
BU #: **5800059**
RIDGE ROAD, MADISON

258 RIDGE ROAD
MADISON, CT 06433

EXISTING 150'-0" MONOPOLE

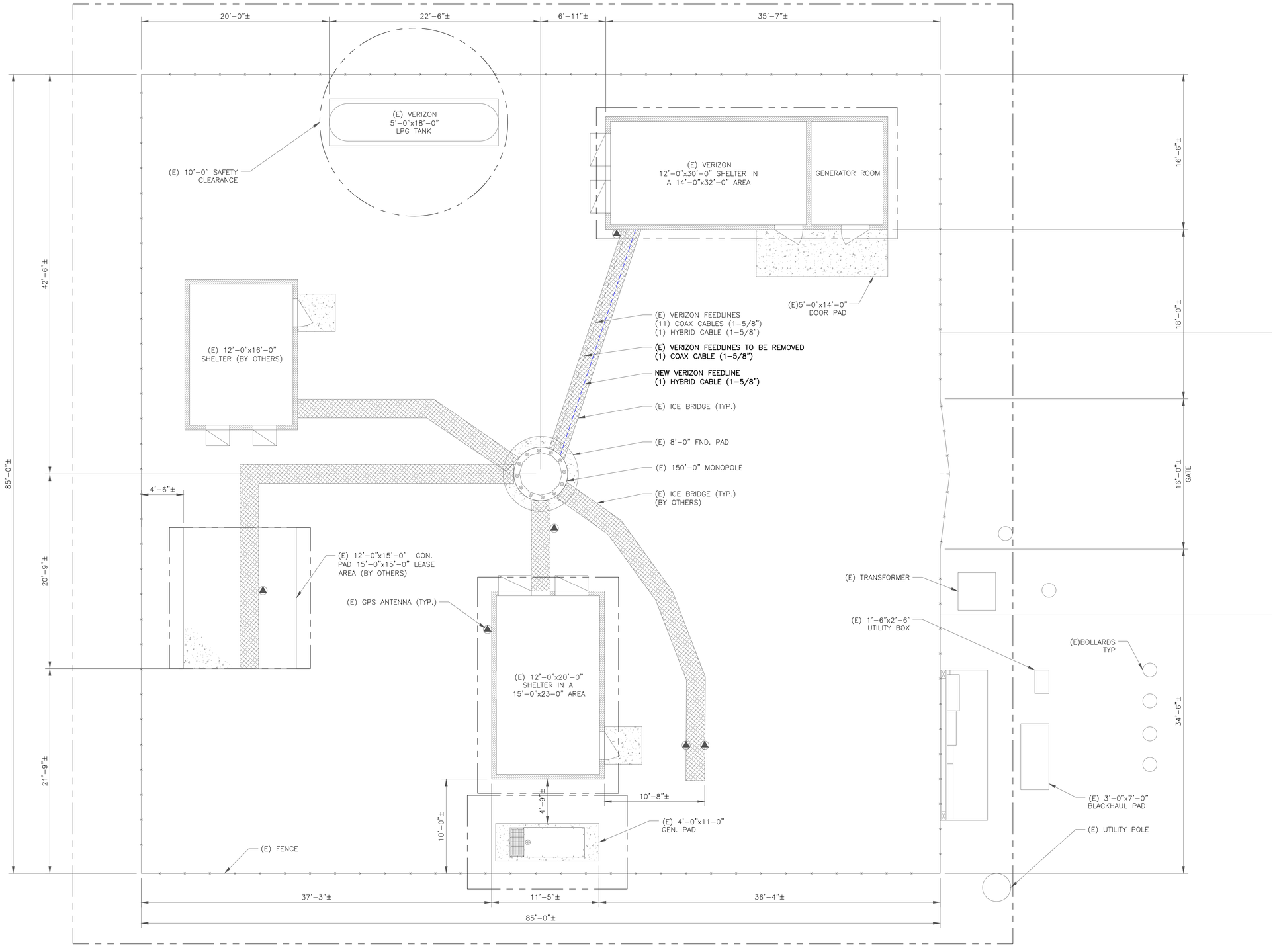
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/16/2021	RCD	FINAL CDs	----



11/24/21

SHEET NUMBER: T-2
REVISION: 0



1 SITE PLAN

SCALE: 4' 2' 0 4' 3/16"=1'-0" (FULL SIZE) 3/32"=1'-0" (11x17)

N

verizon

180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN CASTLE

1200 MACARTHUR BLVD, SUITE 200
MAHWAH, NJ 07430

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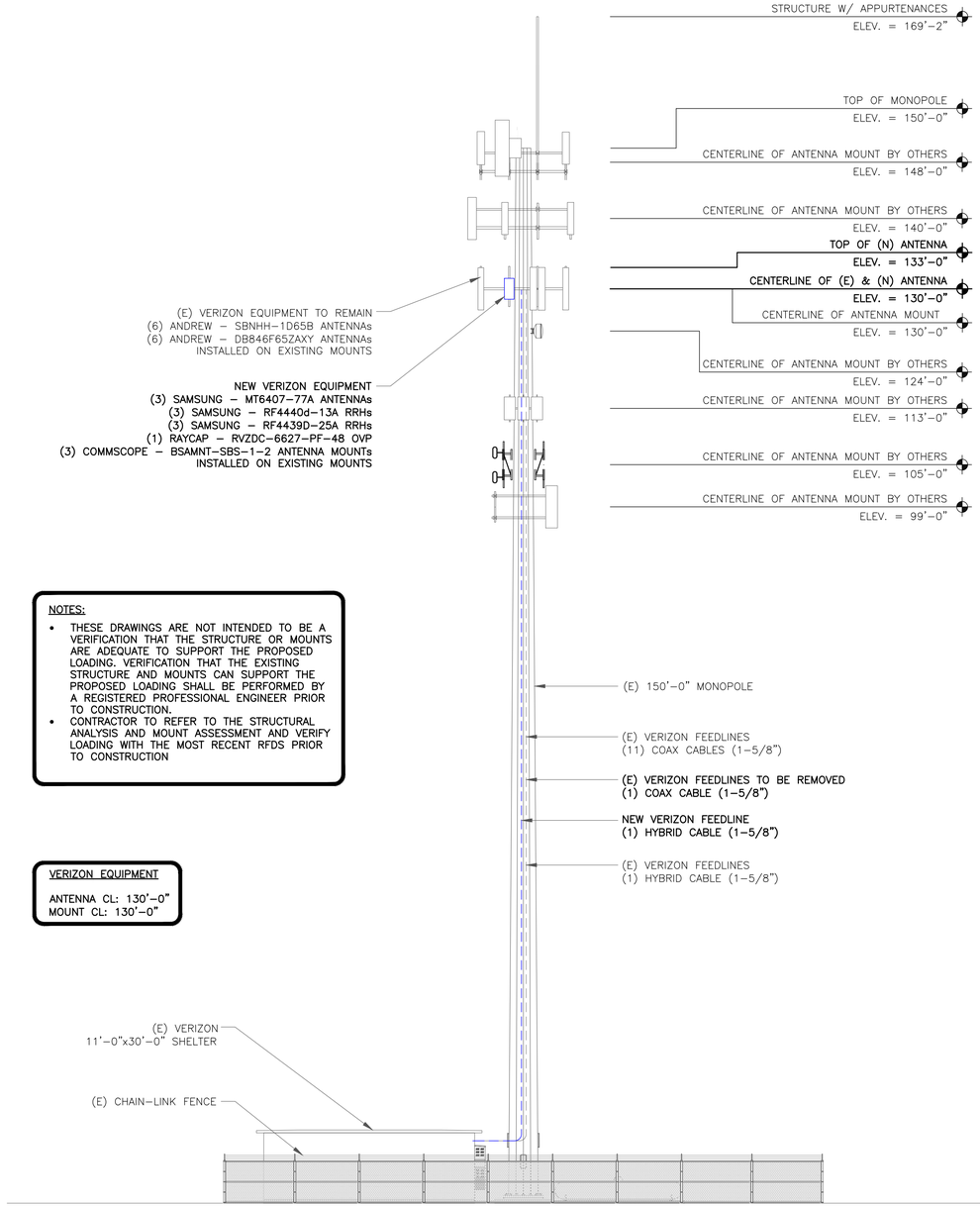
STATE OF CONNECTICUT
SHUHEI SAKANOUE
34916
LICENSED PROFESSIONAL ENGINEER

11/24/21

SHEET NUMBER: C-1

REVISION: 0



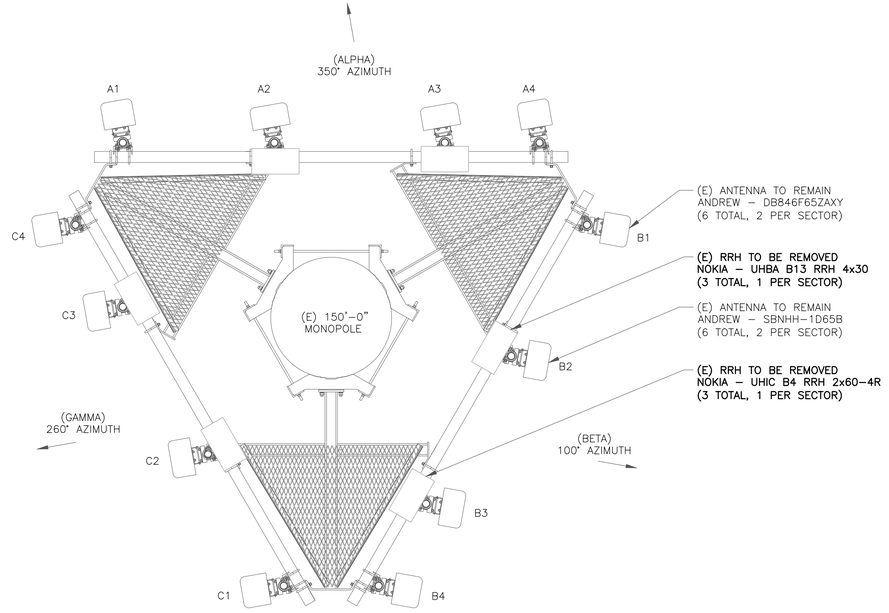
NOTES:

- THESE DRAWINGS ARE NOT INTENDED TO BE A VERIFICATION THAT THE STRUCTURE OR MOUNTS ARE ADEQUATE TO SUPPORT THE PROPOSED LOADING. VERIFICATION THAT THE EXISTING STRUCTURE AND MOUNTS CAN SUPPORT THE PROPOSED LOADING SHALL BE PERFORMED BY A REGISTERED PROFESSIONAL ENGINEER PRIOR TO CONSTRUCTION.
- CONTRACTOR TO REFER TO THE STRUCTURAL ANALYSIS AND MOUNT ASSESSMENT AND VERIFY LOADING WITH THE MOST RECENT RFDS PRIOR TO CONSTRUCTION

VERIZON EQUIPMENT

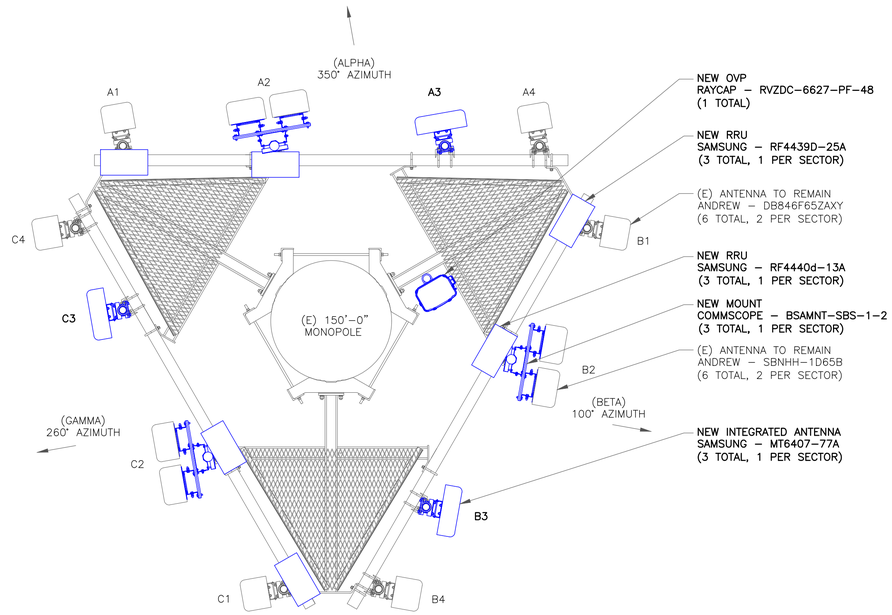
ANTENNA CL: 130'-0"
MOUNT CL: 130'-0"

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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180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

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

INFINIGY
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VERIZON SITE NUMBER:
468184

BU #: **5800059**
RIDGE ROAD, MADISON

258 RIDGE ROAD
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EXISTING 150'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/16/2021	RCD	FINAL CDs	---

STATE OF CONNECTICUT
SHUHEI SAKANOUE
34916
LICENSED PROFESSIONAL ENGINEER

11/24/21

SHEET NUMBER:	REVISION:
C-2	0

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	ANDREW	DB846F65ZAXY	130'-0"	350°	0°	0°	–	–
A2	EXISTING	ANDREW	SBNHH-1D65B	130'-0"	350°	0°	2°/2°/2°/2°	SAMSUNG	(1) RF4439d-25A
		ANDREW	SBNHH-1D65B						(1) RF4440d-13A
A3	**NEW**	**SAMSUNG**	**MT6407-77A**	**130'-0"**	**350°**	**0°**	**6°**	–	–
A4	EXISTING	ANDREW	DB846F65ZAXY	130'-0"	350°	0°	0°	RAYCAP	(1) RVZDC-3315-PF-48
B1	EXISTING	ANDREW	DB846F65ZAXY	130'-0"	100°	0°	0°	–	–
B2	EXISTING	ANDREW	SBNHH-1D65B	130'-0"	100°	0°	2°/2°/2°/2°	SAMSUNG	(1) RF4439d-25A
		ANDREW	SBNHH-1D65B						(1) RF4440d-13A
B3	**NEW**	**SAMSUNG**	**MT6407-77A**	**130'-0"**	**100°**	**0°**	**6°**	–	–
B4	EXISTING	ANDREW	DB846F65ZAXY	130'-0"	100°	0°	0°	–	–
C1	EXISTING	ANDREW	DB846F65ZAXY	130'-0"	260°	0°	0°	–	–
C2	EXISTING	ANDREW	SBNHH-1D65B	130'-0"	260°	0°	2°/2°/2°/2°	SAMSUNG	(1) RF4439d-25A
		ANDREW	SBNHH-1D65B						(1) RF4440d-13A
C3	**NEW**	**SAMSUNG**	**MT6407-77A**	**130'-0"**	**260°**	**0°**	**6°**	–	–
C4	EXISTING	ANDREW	DB846F65ZAXY	130'-0"	260°	0°	0°	–	–

1 VERIZON TOWER EQUIPMENT SCHEDULE
SCALE: NOT TO SCALE

CABLE SCHEDULE

STATUS	CABLE TYPE	SIZE	LENGTH	QTY
EXISTING	COAX	1-5/8"	180'-0"±	11
EXISTING	HYBRID	1-5/8"	180'-0"±	1
NEW	**HYBRID**	**1-5/8"**	**180'-0"±**	**1**
TOTAL CABLE QTY:				13

2 BASE LEVEL DETAIL
SCALE: NOT TO SCALE

N

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VERIZON SITE NUMBER:
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BU #: **5800059**
RIDGE ROAD, MADISON

258 RIDGE ROAD
MADISON, CT 06433

EXISTING 150'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/16/2021	RCD	FINAL CDs	----

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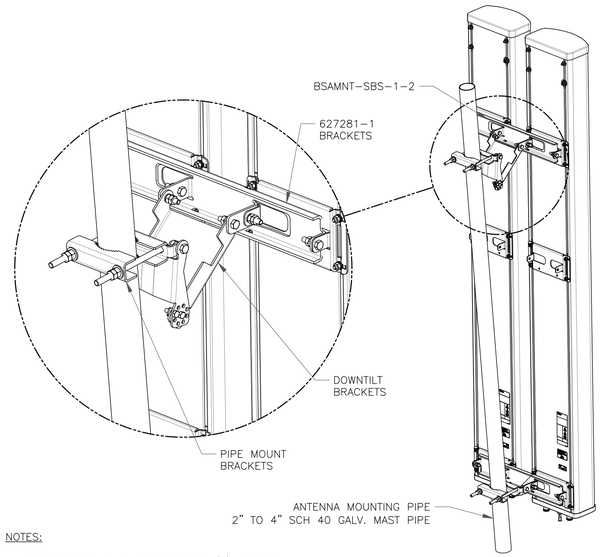
11/24/21

SHEET NUMBER: C-3

REVISION: 0

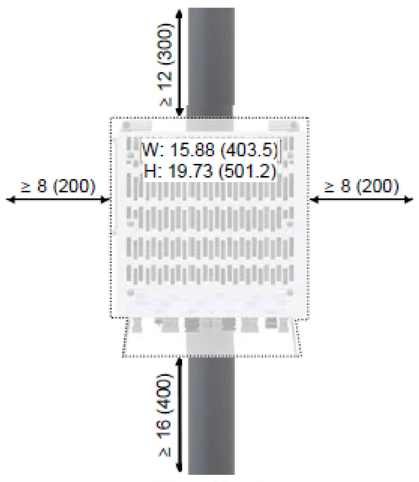


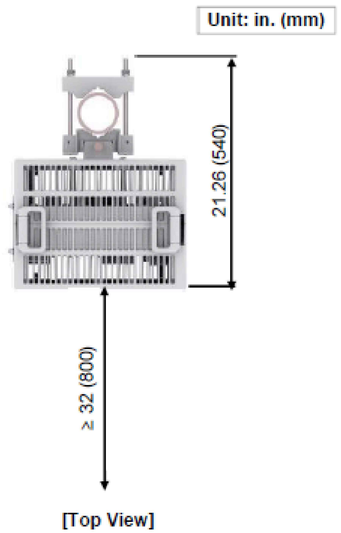
NOTES:

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

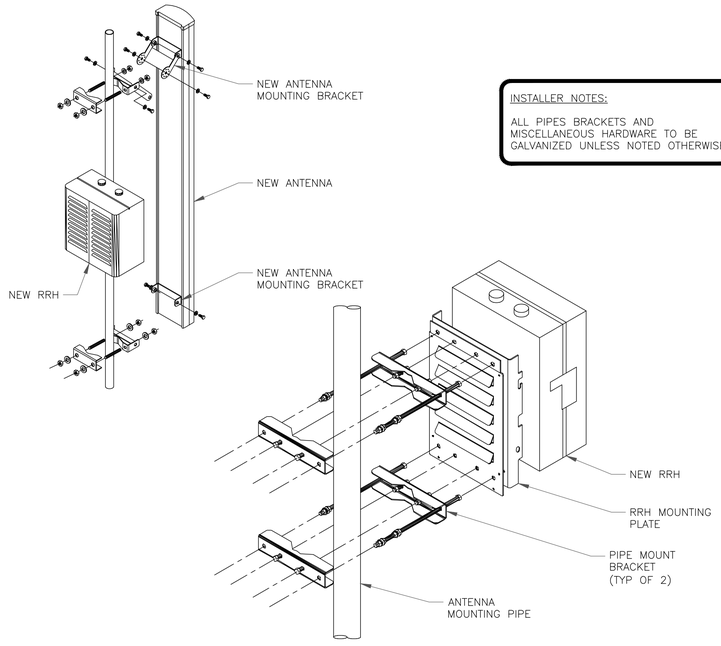
1 COMMSCOPE – BSAMNT-SBS-1-2
SCALE: NOT TO SCALE

2 NOT USED
SCALE: NOT TO SCALE





3 SAMSUNG – 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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EXISTING 150'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/16/2021	RCD	FINAL CDs	---

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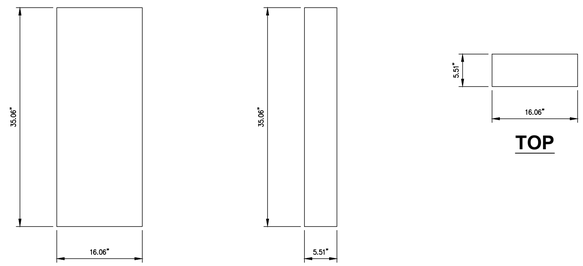
SHEET NUMBER: C-4
REVISION: 0

SAMSUNG PANEL ANTENNA (MT6407-77A)

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

WEIGHT, W/O BRACKETS: 81.57 lbs

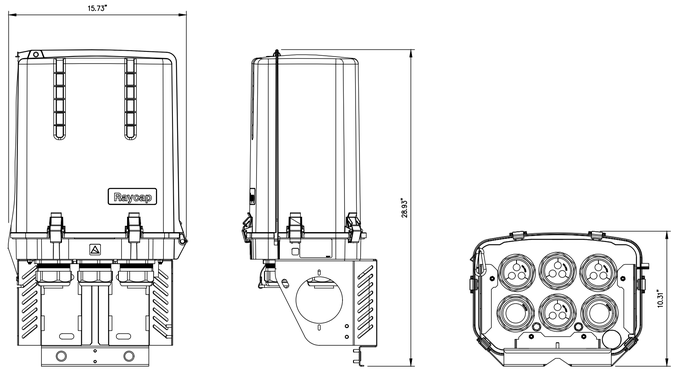


1 SAMSUNG MT6407-77A ANTENNA DETAIL
SCALE: NOT TO SCALE

RAYCAP RRFDC-3315-PF-48

DIMENSIONS, LxWxH: 10.31"x15.73"x28.93"

WEIGHT, W/O BRACKETS: 32.0 lbs



2 RAYCAP RVZDC-6627-PF-48 OVP DETAIL
SCALE: NOT TO SCALE

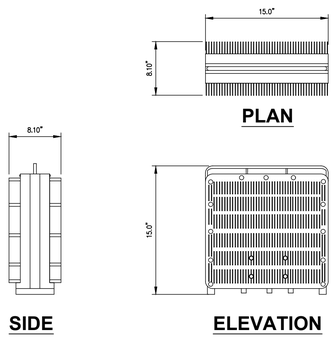
3 NOT USED
SCALE: NOT TO SCALE

SAMSUNG RRH RF4439d-25A

DIMENSIONS, WxDxH: 15.0" X 15.0" X 8.10"

TOTAL WEIGHT: 70.30 lbs

TEMPERATURE: -40° TO 55° C



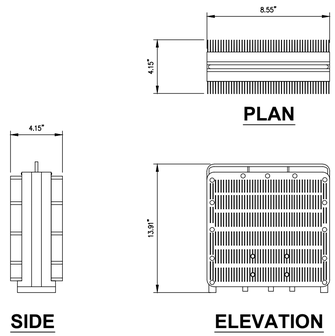
4 SAMSUNG B5/B13 RRH-BR04C DETAIL
SCALE: NOT TO SCALE

SAMSUNG RRH RF4440d-13A

DIMENSIONS, WxDxH: 13.91" X 8.55" X 4.15"

TOTAL WEIGHT: 18.64 lbs

TEMPERATURE: -40° TO 55° C



5 SAMSUNG CBRS RRH – RT4401-48A DETAIL
SCALE: NOT TO SCALE

FIBER NAMING CONVENTION	
Technology	(Equipment-Sector-OPTI #)
DUPLEX FIBER RUN	
5GmmW L0	5GmmW-A-0
SIMPLEX FIBER RUN	
CBRS L0	CBRS-A-0
CBRS L1	CBRS-A-1
LAA L0	LAA-A-0
High Band Dual Band L0	HB-A-0
High Band Dual Band L1	HB-A-1
Low Band Dual Band L0	LB-A-0
FDMIMO AWS L0	FDM-AWS-A-0
FDMIMO AWS L1	FDM-AWS-A-1
FDMIMO PCS L0	FDM-PCS-A-0
FDMIMO PCS L1	FDM-PCS-A-1
Rev. 2/23/2021	

6 FIBER NAMING CONVENTION
SCALE: NOT TO SCALE

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ISSUED FOR:

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SHEET NUMBER: C-5

REVISION: 0

Alpha AWS							*Beta AWS*							*GammaAWS*						
Port 1	WHITE						Port 1							Port 1						
Port 2	WHITE						Port 2							Port 2						
Port 3	WHITE						Port 3							Port 3						
Port 4	WHITE						Port 4							Port 4						
Alpha PCS							*Beta PCS*							*Gamma PCS*						
Port 1	WHITE						Port 1							Port 1						
Port 2	WHITE						Port 2							Port 2						
Port 3	WHITE						Port 3							Port 3						
Port 4	WHITE						Port 4							Port 4						
Alpha LTE 700							*Beta LTE 700*							*Gamma LTE 700*						
Port 1	WHITE						Port 1							Port 1						
Port 2	WHITE						Port 2							Port 2						
Port 3	WHITE						Port 3							Port 3						
Port 4	WHITE						Port 4							Port 4						
Alpha 850 LTE							*Beta 850 LTE*							*Gamma 850 LTE*						
Port 1	WHITE						Port 1							Port 1						
Port 2	WHITE						Port 2							Port 2						
Port 3	WHITE						Port 3							Port 3						
Port 4	WHITE						Port 4							Port 4						
Alpha 850 CDMA							*Beta 850 CDMA*							*Gamma 850 CDMA*						
Port 1	WHITE						Port 1							Port 1						
Port 2	WHITE						Port 2							Port 2						
Alpha EVDO							*Beta EVDO*							*Gamma EVDO*						
Port 1	WHITE						Port 1							Port 1						
Port 2	WHITE						Port 2							Port 2						

GPS 1				
GPS 2				
GPS 3				
GPS 4				

Alpha 850 LTE + 700 LTE									
Port 1	WHITE								
Port 2	WHITE								
Port 3	WHITE								
Port 4	WHITE								
Beta 850 LTE + 700 LTE									
Port 1									
Port 2									
Port 3									
Port 4									
Gamma 850 LTE + 700 LTE									
Port 1									
Port 2									
Port 3									
Port 4									

Alpha 850 NR Fiber	White			Ptouch - Alpha 850 NR
Beta 850 NR Fiber				Ptouch - Beta 850 NR
Gamma 850 NR Fiber				Ptouch - Gamma 850 NR

1 COLOR CODE
SCALE: NOT TO SCALE

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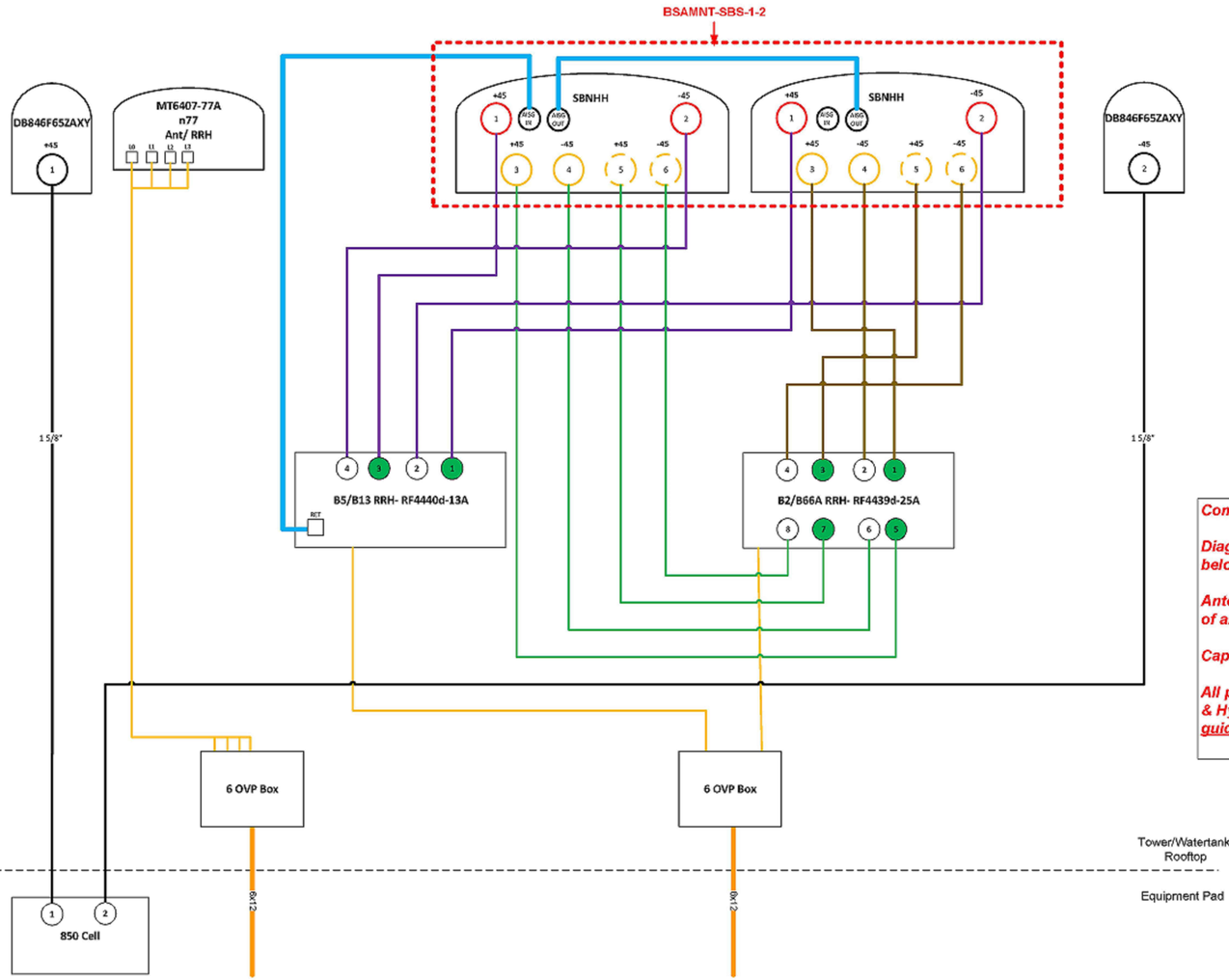
11/24/21

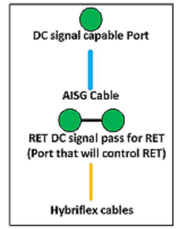
SHEET NUMBER: C-6

REVISION: 0



- 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)



Comments:

Diagram shows antenna port configuration as viewed from below antennas.

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

Cap and weatherproof unused antenna ports.

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

1 PLUMBING DIAGRAM
SCALE: NOT TO SCALE

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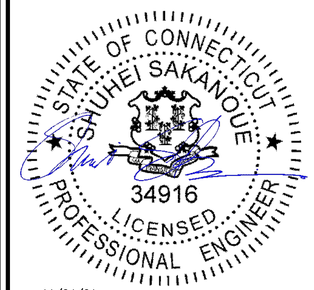
EXISTING 150'-0" MONOPOLE

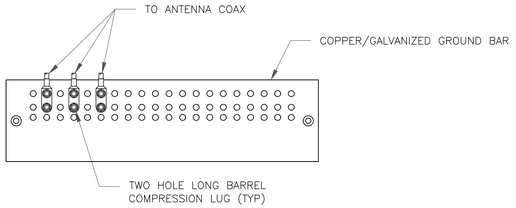
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/16/2021	RCD	FINAL CDs	----



11/24/21

SHEET NUMBER: C-7
REVISION: 0



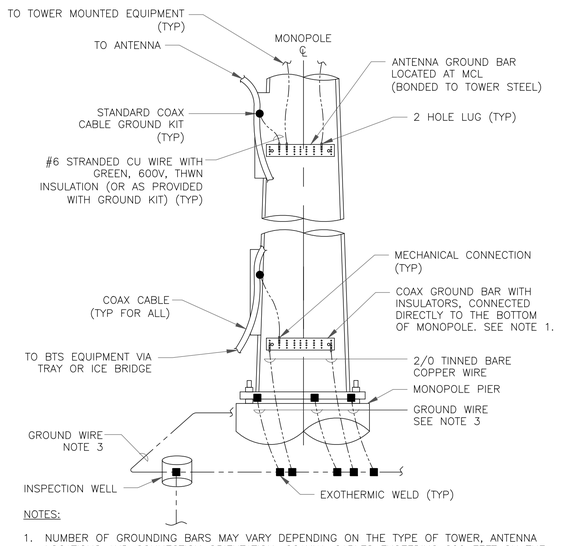
NOTES:

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

2 NOT USED
SCALE: NOT TO SCALE

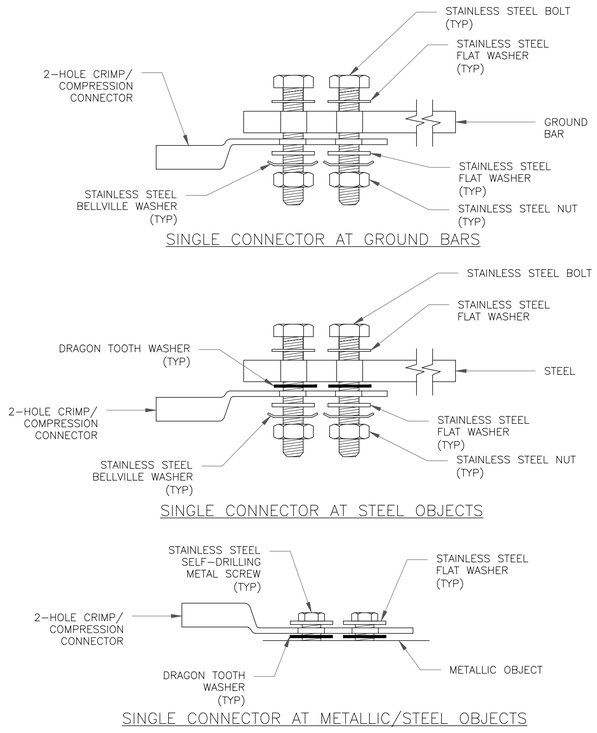
3 NOT USED
SCALE: NOT TO SCALE



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



SINGLE CONNECTOR AT GROUND BARS

SINGLE CONNECTOR AT STEEL OBJECTS

SINGLE CONNECTOR AT METALLIC/STEEL OBJECTS

5 HARDWARE DETAIL FOR EXTERIOR CONNECTIONS
SCALE: NOT TO SCALE

6 NOT USED
SCALE: NOT TO SCALE

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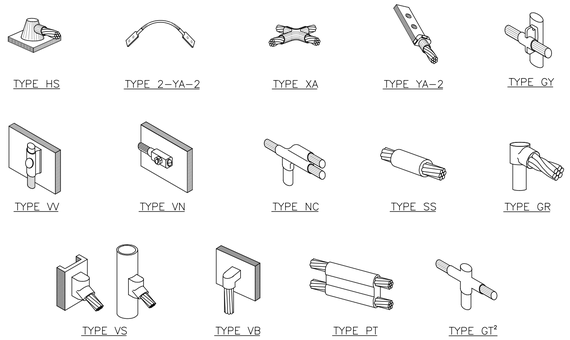
REVISION: 0

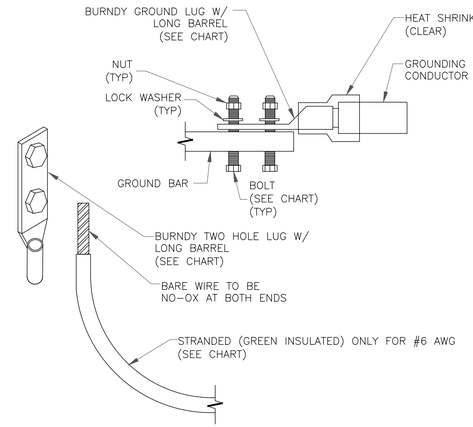


NOTE:

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

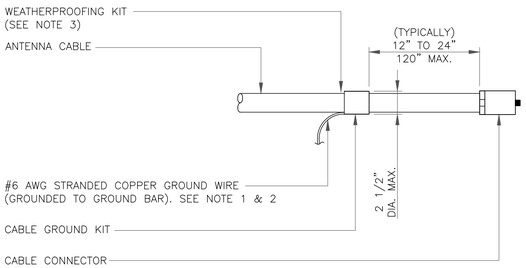
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 AWG GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG SOLID TINNED	YA3C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG STRANDED	YA2C-2TC38	3/8" - 16 NC S 2 BOLT
#2/0 AWG STRANDED	YA26-2TC38	3/8" - 16 NC S 2 BOLT
#4/0 AWG STRANDED	YA28-2N	1/2" - 16 NC S 2 BOLT



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.

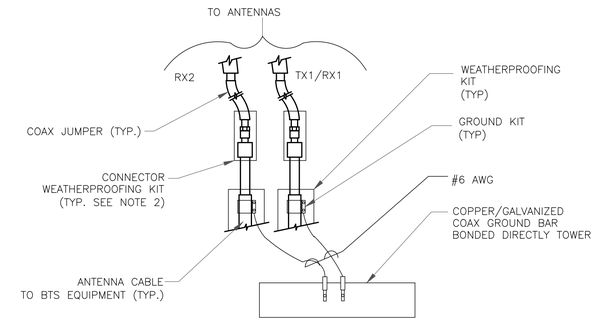
2 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE



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.

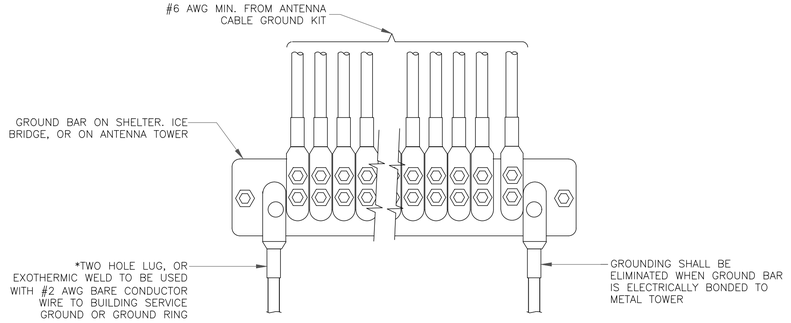
3 CABLE GROUND KIT CONNECTION
SCALE: NOT TO SCALE



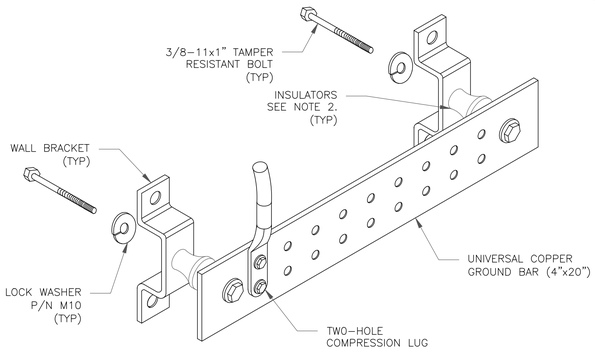
NOTES:

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



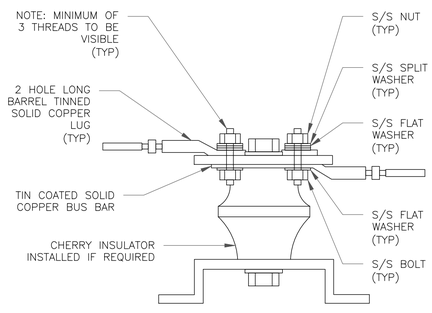
5 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



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 NOT USED
SCALE: NOT TO SCALE

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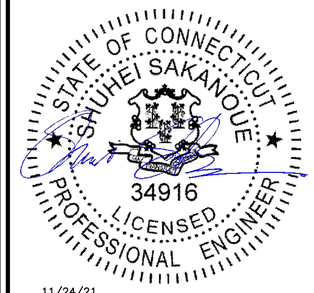
EXISTING 150'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/16/2021	RCD	FINAL CDs	----



11/24/21

SHEET NUMBER: G-2
REVISION: 0

Exhibit D

Structural Analysis Report

Date: **August 11, 2021**

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

Subject:	**Structural Analysis Report**	
Carrier Designation:	***Verizon Wireless* Co-Locate**	
	Site Number:	468184
	Site Name:	MADISON 3 CT
Crown Castle Designation:	**BU Number:**	5800059
	Site Name:	Ridge Road, Madison
	JDE Job Number:	682796
	Work Order Number:	2007110
	Order Number:	582739 Rev. 0
Engineering Firm Designation:	**B+T Group Project Number:**	87323.004.01
Site Data:	**258 Ridge Road, Madison, New Haven County, CT**	
	Latitude *41° 18' 33.3"*, Longitude *-72° 36' 51.57"*	
	150 Foot - Monopole Tower	

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

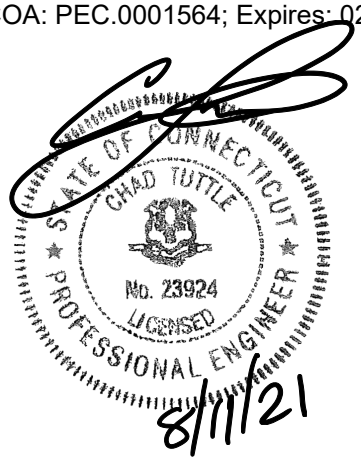
The purpose of the analysis is to determine acceptability of the tower stress level. Based on our analysis we have determined the tower stress level for the structure and foundation, under the following load case, to be:

LC7: Proposed Equipment Configuration **Sufficient Capacity – 45.9%**

This analysis utilizes an ultimate 3-second gust wind speed of 130 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: Austin Steward

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



Chad E. Tuttle, P.E.

tnxTower Report - version 8.1.1.0

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1) INTRODUCTION

This tower is a 150 ft. monopole tower designed by Valmont.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	130 mph
Exposure Category:	B
Topographic Factor:	1
Ice Thickness:	1.5 in
Wind Speed with Ice:	50 mph
Service Wind Speed:	60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
130.0	130.0	6	Commscope	SBNHH-1D65B	13	1-5/8
		6	Decibel	DB846F65ZAXY		
		1	Raycap	RVZDC-6627-PF-48		
		3	Samsung Telecom.	MT6407-77A		
		3	Samsung Telecom.	RFV01U-D1A		
		3	Samsung Telecom.	RFV01U-D2A		
		3	Commscope	BSAMNT-SBS-1-2		
		1	--	Platform Mount [LP 304-1]		

Table 2 - Other Considered Equipment

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
148.0	159.0	1	Dbspectra	DS4C06F36D-D	12 2	1-5/8 7/8
	150.0	3	Ericsson	AIR 32 B2A/B66AA		
		3	Ericsson	AIR6449 B41		
		3	Ericsson	ERICSSON AIR 21 B2P		
		3	Ericsson	KRY 112 144/1		
		3	Ericsson	RADIO 4449 B71 B85A_T-MOBILE		
		3	Ericsson	RRUS 4415 B25		
		3	RFS Celwave	APXVAARR24_43-U-NA20_T-MOBILE		
	148.0	1	--	Platform Mount [LP 303-1_KCKR-HR-1]		
140.0	140.0	3	CCI Antennas	HPA-65R-BUU-H6	12 2 1	1-5/8 7/16 3/8
		3	Ericsson	RRUS 11		
		3	Ericsson	RRUS 32 B2		
		6	Powerwave Tech.	7770.00		
		6	Powerwave Tech.	LGP21401		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
		1	Raycap	DC6-48-60-18-8F		
		1	--	Platform Mount [LP 304-1_HR-1]		
124.0	124.0	1	Kathrein	800 10251	1 2	7/8 11/32
		1	Radiowaves	HP2-4.7NS		
		1	--	Side Arm Mount [SO 701-1]		
113.0	116.0	1	Sinclair	SC323	5	7/8
		3	Kathrein	800 10252		
	113.0	1	RFI Antennas	CSA40-67-DIN		
		1	--	Side Arm Mount [SO 701-3]		
		1	--	T-Arm Mount [TA 601-1]		
99.0	99.0	3	Fujitsu	TA08025-B604	1	1-1/2
		3	Fujitsu	TA08025-B605		
		3	JMA Wireless	MX08FRO665-21		
		1	Raycap	RDIDC-9181-PF-48		
		1	Commscope	MC-PK8-DSH		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
Tower Manufacturer Drawing	2354011	CCI Sites
Mount Analysis Report	9909503	CCI Sites
Foundation Drawing	2354010	CCI Sites
Geotech Report	2354009	CCI Sites
Crown CAD Package	Date: 02/08/2021	CCI Sites

3.1) Analysis Method

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

3.2) Assumptions

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

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

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
L1	150 - 110	Pole	TP39.633x28.4x0.25	1	-16.649	1847.695	27.7	Pass
L2	110 - 94.25	Pole	TP43.556x37.659x0.281	2	-21.112	2288.202	35.8	Pass
L3	94.25 - 46.25	Pole	TP56.472x41.449x0.375	3	-38.452	3952.473	42.4	Pass
L4	46.25 - 0	Pole	TP68.71x53.686x0.438	4	-62.042	5823.394	43.7	Pass
							Summary	
						Pole (L4)	43.7	Pass
						Rating =	43.7	Pass

Table 5 - Tower Component Stresses vs. Capacity – LC7

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1,2	Anchor Rods	Base	37.5	Pass
1,2	Base Plate	Base	31.7	Pass
1,2	Base Foundation (Structural)	Base	45.9	Pass
1,2	Base Foundation (Soil Interaction)	Base	28.3	Pass

Structure Rating (max from all components) =	**45.9%**

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

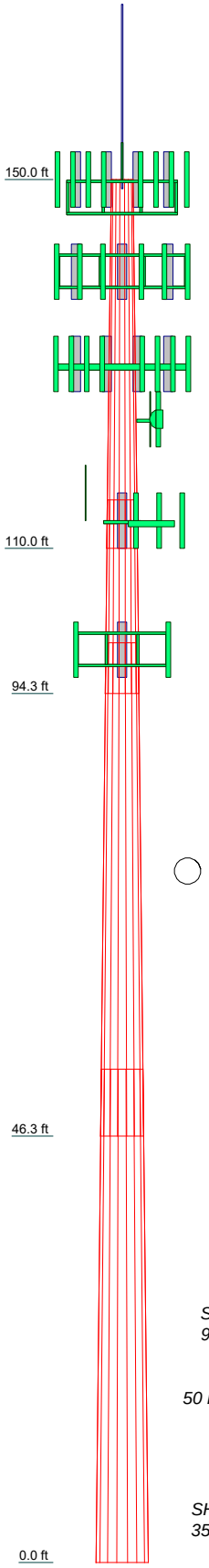
TNXTOWER OUTPUT

MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A572-65	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 130 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.50 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: 43.7%



Section	1	2	3	4	
Length (ft)	40.000	21.000	53.500	53.500	
Number of Sides	18	18	18	18	
Thickness (in)	0.250	0.281	0.375	0.438	
Socket Length (ft)	5.250	5.500	7.250		
Top Dia (in)	28.400	37.659	41.449	53.686	
Bot Dia (in)	39.633	43.556	56.472	68.710	
Grade			A572-65		
Weight (K)	3.6	2.6	10.5	15.4	32.1

ALL REACTIONS ARE FACTORED

AXIAL 96 K

SHEAR 9 K

MOMENT 946 kip-ft

TORQUE 1 kip-ft
50 mph WIND - 1.500 in ICE

AXIAL 62 K

SHEAR 35 K

MOMENT 3749 kip-ft

TORQUE 7 kip-ft
REACTIONS - 130 mph WIND

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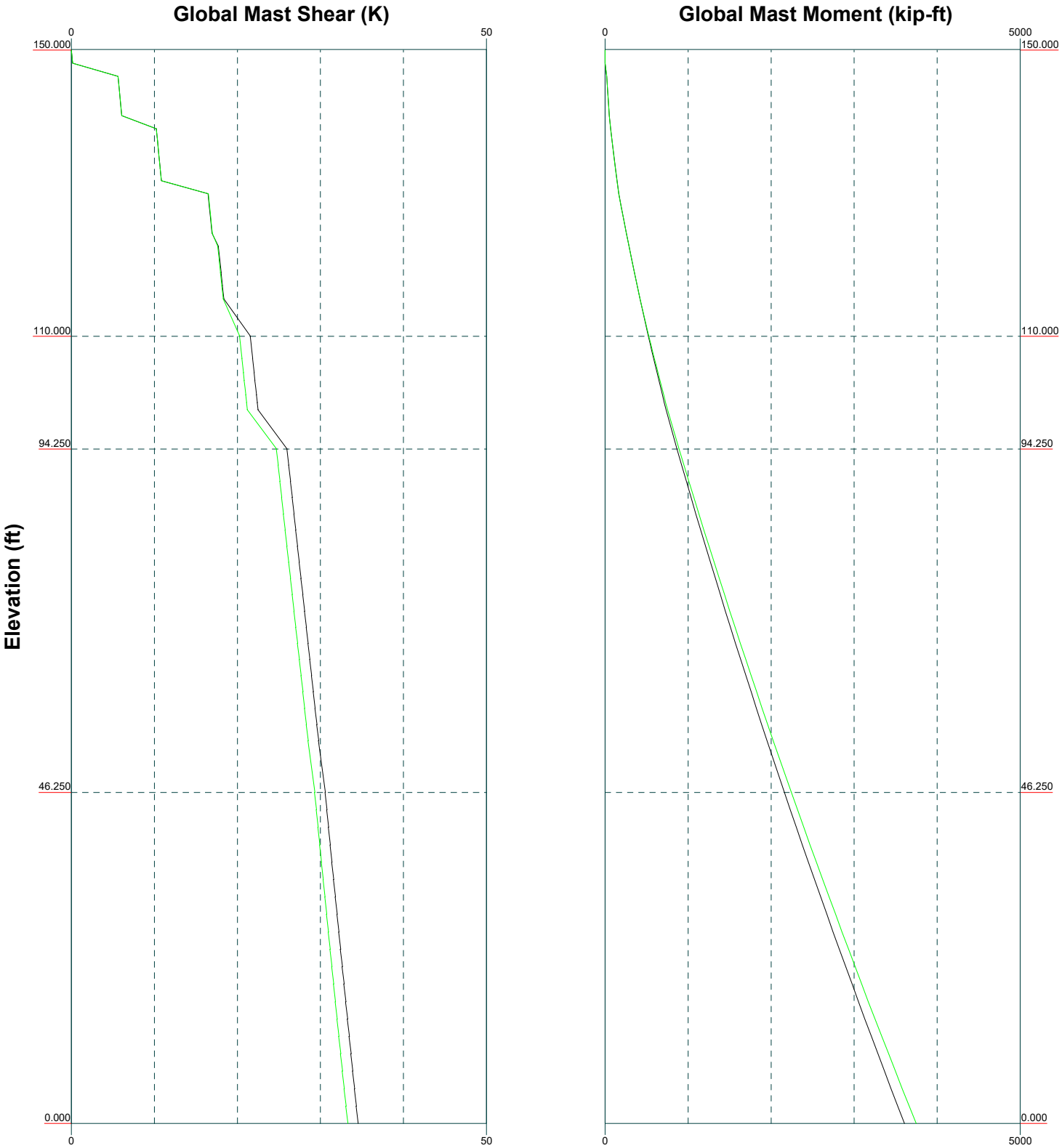
Job:	***87323.004.01 - Ridge Road, Madison, CT (BU# 580005***)		
Project:			
Client: Crown Castle	Drawn by: Damodar	App'd:	
Code: TIA-222-H	Date: 08/09/21	Scale: NTS	
Path:		Dwg No. E-1	

TIA-222-H - 130 mph/50 mph 1.500 in Ice Exposure B

Maximum Values

Vx Vz Mx Mz



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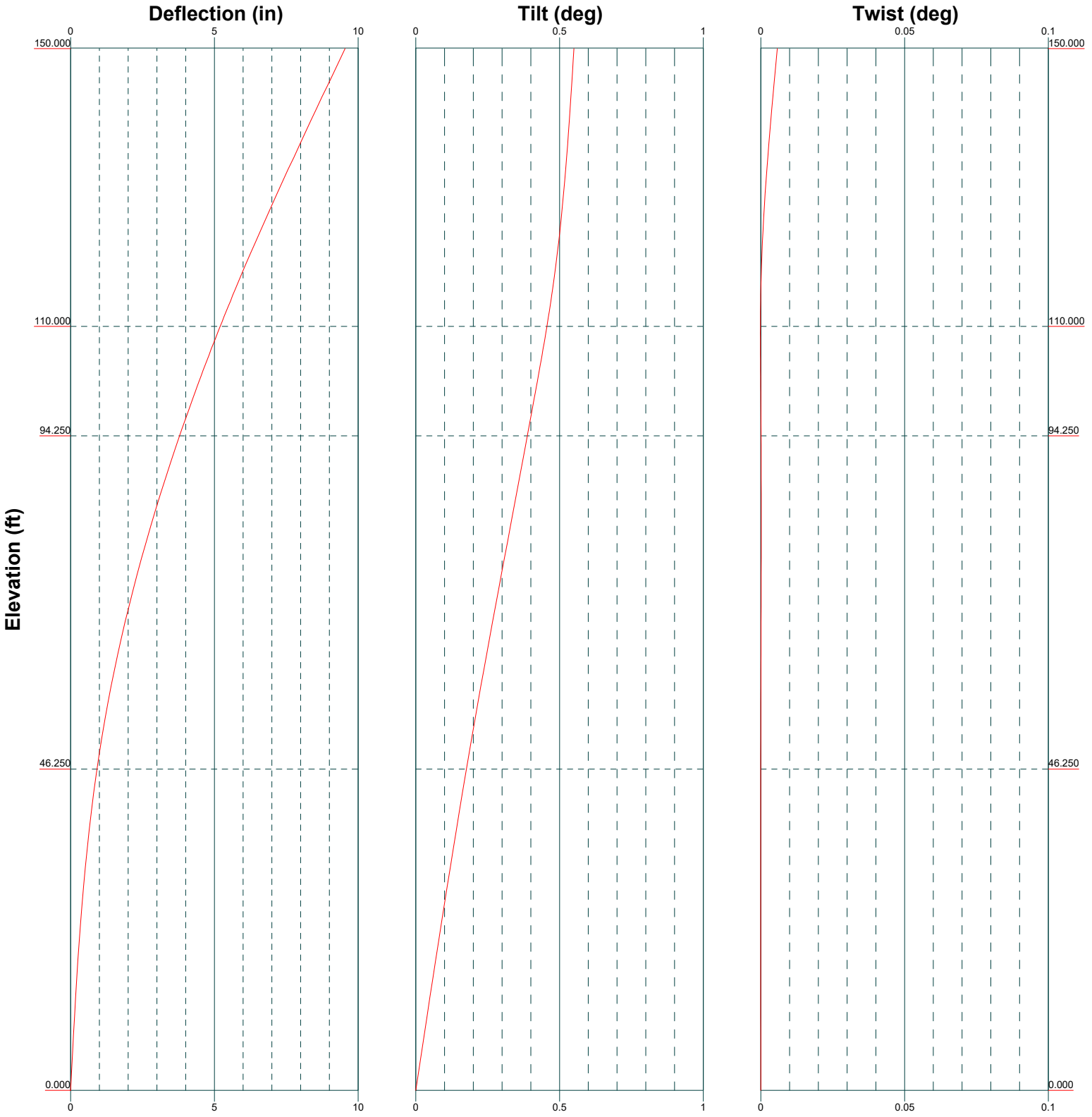
Project:		
Client: Crown Castle	Drawn by: Damodar	App'd:
Code: TIA-222-H	Date: 08/09/21	Scale: NTS
Path:		Dwg No. E-4

TIA-222-H - Service - 60 mph

Maximum Values



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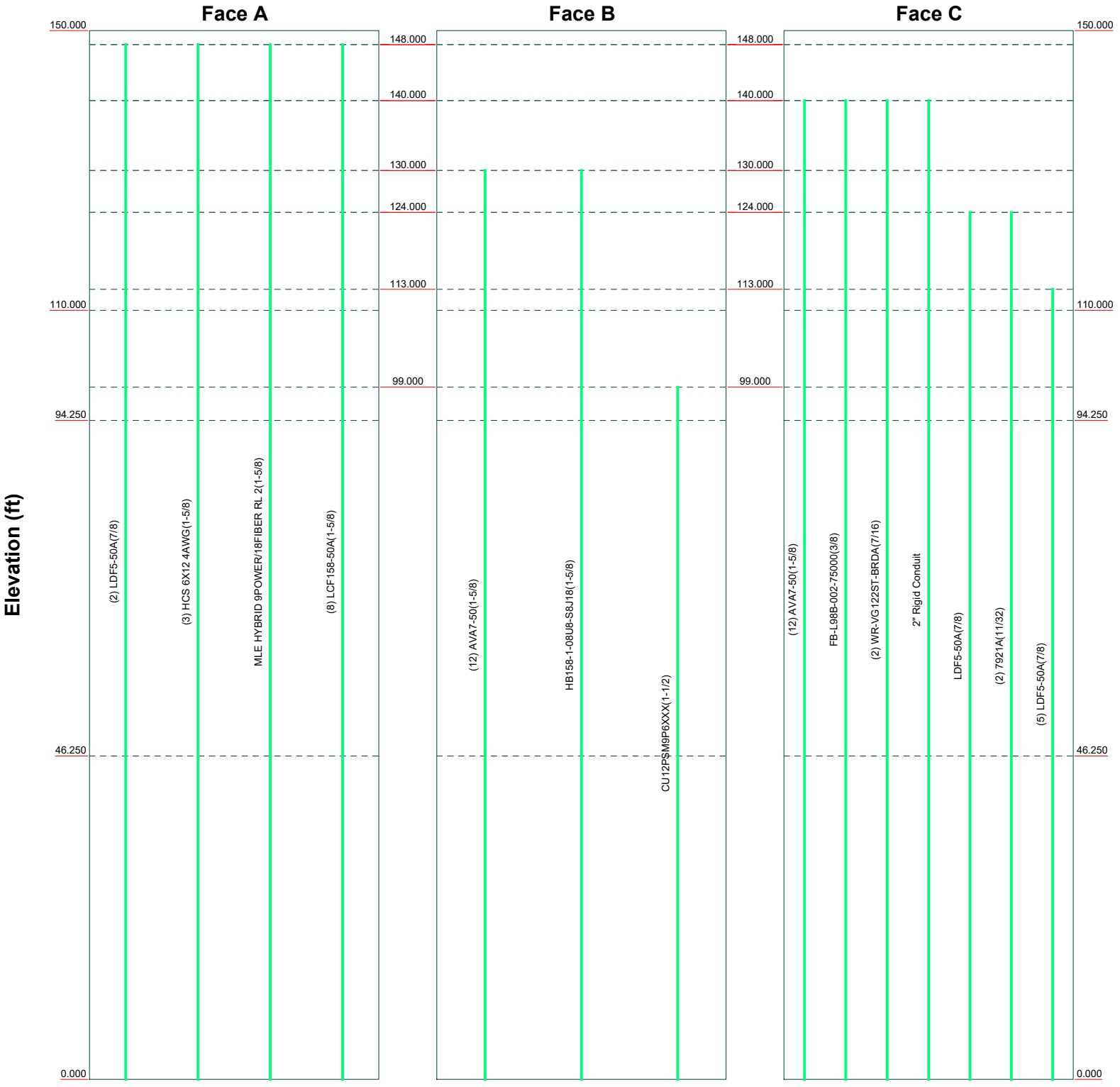
Project:		
Client: Crown Castle	Drawn by: Damodar	App'd:
Code: TIA-222-H	Date: 08/09/21	Scale: NTS
Path:		Dwg No. E-5

Feed Line Distribution Chart
0' - 150'

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



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Job: ***87323.004.01 - Ridge Road, Madison, CT (BU# 580005***)		
Project:		
Client: Crown Castle	Drawn by: Damodar	App'd:
Code: TIA-222-H	Date: 08/09/21	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: 133.000 ft.
Basic wind speed of 130 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 1.500 in.
Ice thickness is considered to increase with height.
Ice density of 56.000 pcf.
A wind speed of 50 mph is used in combination with ice.
Temperature drop of 50.000 °F.
Deflections calculated using a wind speed of 60 mph.
TIA-222-H Annex S.
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	150.000-110.000	40.000	5.250	18	28.400	39.633	0.250	1.000	A572-65 (65 ksi)
L2	110.000-94.250	21.000	5.500	18	37.659	43.556	0.281	1.125	A572-65 (65 ksi)
L3	94.250-46.250	53.500	7.250	18	41.449	56.472	0.375	1.500	A572-65 (65 ksi)
L4	46.250-0.000	53.500		18	53.686	68.710	0.438	1.750	A572-65 (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	28.800	22.337	2236.246	9.993	14.427	155.002	4475.435	11.171	4.558	18.234
	40.206	31.250	6123.656	13.981	20.134	304.152	12255.369	15.628	6.535	26.142
L2	39.693	33.366	5889.316	13.269	19.131	307.848	11786.381	16.686	6.133	21.806
	44.185	38.631	9139.882	15.363	22.126	413.075	18291.791	19.319	7.171	25.496
L3	43.599	48.888	10420.184	14.581	21.056	494.878	20854.080	24.449	6.635	17.693
	57.285	66.769	26545.722	19.914	28.688	925.332	53126.374	33.391	9.279	24.744
L4	56.514	73.942	26487.970	18.903	27.273	971.231	53010.794	36.978	8.679	19.837
	69.702	94.805	55829.000	24.237	34.905	1599.470	111731.461	47.411	11.323	25.881

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 150.000-110.000				1	1	1			
L2 110.000-94.250				1	1	1			
L3 94.250-46.250				1	1	1			
L4 46.250-0.000				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Clear Spacing in	Width or Diameter in	Perimeter in	Weight klf
*											

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
LDF5-50A(7/8)	A	No	No	Inside Pole	148.000 - 0.000	2	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
							2" Ice	0.000	0.000
HCS 6X12 4AWG(1-5/8)	A	No	No	Inside Pole	148.000 - 0.000	3	No Ice	0.000	0.002
							1/2" Ice	0.000	0.002
							1" Ice	0.000	0.002
							2" Ice	0.000	0.002
MLE HYBRID 9POWER/18FIBER RL 2(1-5/8)	A	No	No	Inside Pole	148.000 - 0.000	1	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
							2" Ice	0.000	0.001
LCF158-50A(1-5/8)	A	No	No	Inside Pole	148.000 - 0.000	8	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
							2" Ice	0.000	0.001
*									
AVA7-50(1-5/8)	C	No	No	Inside Pole	140.000 - 0.000	12	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
							2" Ice	0.000	0.001
FB-L98B-002-75000 (3/8)	C	No	No	Inside Pole	140.000 - 0.000	1	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
							2" Ice	0.000	0.000
WR-VG122ST-BRD A(7/16)	C	No	No	Inside Pole	140.000 - 0.000	2	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
							2" Ice	0.000	0.000
2" Rigid Conduit	C	No	No	Inside Pole	140.000 - 0.000	1	No Ice	0.000	0.003
							1/2" Ice	0.000	0.003
							1" Ice	0.000	0.003
							2" Ice	0.000	0.003
*									
AVA7-50(1-5/8)	B	No	No	Inside Pole	130.000 - 0.000	12	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
							2" Ice	0.000	0.001
HB158-1-08U8-S8J 18(1-5/8)	B	No	No	Inside Pole	130.000 - 0.000	1	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
							2" Ice	0.000	0.001
*									
LDF5-50A(7/8)	C	No	No	Inside Pole	124.000 - 0.000	1	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
							2" Ice	0.000	0.000
7921A(11/32)	C	No	No	Inside Pole	124.000 - 0.000	2	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
							2" Ice	0.000	0.001
*									
LDF5-50A(7/8)	C	No	No	Inside Pole	113.000 - 0.000	5	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
							2" Ice	0.000	0.000
*									

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight klf
CU12PSM9P6XXX(1-1/2)	B	No	No	Inside Pole	99.000 - 0.000	1	No Ice	0.000	0.002
							1/2" Ice	0.000	0.002
							1" Ice	0.000	0.002
							2" 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	150.000-110.000	A	0.000	0.000	0.000	0.000	0.583
		B	0.000	0.000	0.000	0.000	0.194
		C	0.000	0.000	0.000	0.000	0.370
L2	110.000-94.250	A	0.000	0.000	0.000	0.000	0.241
		B	0.000	0.000	0.000	0.000	0.164
		C	0.000	0.000	0.000	0.000	0.229
L3	94.250-46.250	A	0.000	0.000	0.000	0.000	0.736
		B	0.000	0.000	0.000	0.000	0.578
		C	0.000	0.000	0.000	0.000	0.697
L4	46.250-0.000	A	0.000	0.000	0.000	0.000	0.709
		B	0.000	0.000	0.000	0.000	0.557
		C	0.000	0.000	0.000	0.000	0.672

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	150.000-110.000	A	1.461	0.000	0.000	0.000	0.000	0.583
		B		0.000	0.000	0.000	0.000	0.194
		C		0.000	0.000	0.000	0.000	0.370
L2	110.000-94.250	A	1.427	0.000	0.000	0.000	0.000	0.241
		B		0.000	0.000	0.000	0.000	0.164
		C		0.000	0.000	0.000	0.000	0.229
L3	94.250-46.250	A	1.374	0.000	0.000	0.000	0.000	0.736
		B		0.000	0.000	0.000	0.000	0.578
		C		0.000	0.000	0.000	0.000	0.697
L4	46.250-0.000	A	1.227	0.000	0.000	0.000	0.000	0.709
		B		0.000	0.000	0.000	0.000	0.557
		C		0.000	0.000	0.000	0.000	0.672

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in

Section	Elevation	CP_X	CP_Z	CP_X Ice	CP_Z Ice
	ft	in	in	in	in
L1	150.000-110.000	0.000	0.000	0.000	0.000
L2	110.000-94.250	0.000	0.000	0.000	0.000
L3	94.250-46.250	0.000	0.000	0.000	0.000
L4	46.250-0.000	0.000	0.000	0.000	0.000

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

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral / Vert	Azimuth Adjustment	Placement		C_AA_A Front	C_AA_A Side	Weight
			ft / ft / ft	°	ft		ft^2	ft^2	K
Lightning Rod 5/8" x 4'	C	None		0.000	152.000	No Ice	0.250	0.250	0.031
						1/2" Ice	0.664	0.664	0.034
						1" Ice	0.973	0.973	0.039
						2" Ice	1.494	1.494	0.059
*									
DS4C06F36D-D	A	From Leg	2.000 0.000 11.000	0.000	148.000	No Ice 1/2" Ice 1" Ice 2" Ice	5.820 7.793 9.783 13.813	5.820 7.793 9.783 13.813	0.050 0.092 0.146 0.292
Pipe Mount [PM 601-1]	A	From Leg	2.000 0.000 4.000	0.000	148.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.320 1.580 1.840 2.400	1.320 1.580 1.840 2.400	0.065 0.077 0.093 0.134
10' x 2" Mount Pipe	A	From Leg	2.000 0.000 -2.000	0.000	148.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.375 3.403 4.448 5.911	2.375 3.403 4.448 5.911	0.037 0.054 0.079 0.148
*									
ERICSSON AIR 21 B2P w/ Mount Pipe	A	From Leg	4.000 0.000 2.000	0.000	148.000	No Ice 1/2" Ice 1" Ice 2" Ice	3.140 3.450 3.760 4.420	2.580 2.880 3.180 3.820	0.103 0.154 0.214 0.362
ERICSSON AIR 21 B2P w/ Mount Pipe	B	From Leg	4.000 0.000 2.000	0.000	148.000	No Ice 1/2" Ice 1" Ice 2" Ice	3.140 3.450 3.760 4.420	2.580 2.880 3.180 3.820	0.103 0.154 0.214 0.362
ERICSSON AIR 21 B2P w/ Mount Pipe	C	From Leg	4.000 0.000 2.000	0.000	148.000	No Ice 1/2" Ice 1" Ice 2" Ice	3.140 3.450 3.760 4.420	2.580 2.880 3.180 3.820	0.103 0.154 0.214 0.362
APXVAARR24_43-U-NA20 _T-MOBILE w/ Mount Pipe	A	From Leg	4.000 0.000 2.000	0.000	148.000	No Ice 1/2" Ice 1" Ice 2" Ice	14.690 15.460 16.230 17.820	6.870 7.550 8.250 9.670	0.186 0.315 0.458 0.788
APXVAARR24_43-U-NA20 _T-MOBILE w/ Mount Pipe	B	From Leg	4.000 0.000 2.000	0.000	148.000	No Ice 1/2" Ice 1" Ice 2" Ice	14.690 15.460 16.230 17.820	6.870 7.550 8.250 9.670	0.186 0.315 0.458 0.788
APXVAARR24_43-U-NA20	C	From Leg	4.000	0.000	148.000	No Ice	14.690	6.870	0.186

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
_T-MOBILE w/ Mount Pipe			0.000			1/2" Ice	15.460	7.550	0.315
			2.000			1" Ice	16.230	8.250	0.458
						2" Ice	17.820	9.670	0.788
AIR6449 B41	A	From Leg	4.000	0.000	148.000	No Ice	5.280	2.050	0.104
			0.000			1/2" Ice	5.710	2.380	0.143
			2.000			1" Ice	6.150	2.720	0.186
						2" Ice	7.070	3.450	0.287
AIR6449 B41	B	From Leg	4.000	0.000	148.000	No Ice	5.280	2.050	0.104
			0.000			1/2" Ice	5.710	2.380	0.143
			2.000			1" Ice	6.150	2.720	0.186
						2" Ice	7.070	3.450	0.287
AIR6449 B41	C	From Leg	4.000	0.000	148.000	No Ice	5.280	2.050	0.104
			0.000			1/2" Ice	5.710	2.380	0.143
			2.000			1" Ice	6.150	2.720	0.186
						2" Ice	7.070	3.450	0.287
AIR 32 B2A/B66AA w/ Mount Pipe	A	From Leg	4.000	0.000	148.000	No Ice	3.760	3.150	0.194
			0.000			1/2" Ice	4.120	3.490	0.252
			2.000			1" Ice	4.480	3.840	0.320
						2" Ice	5.240	4.580	0.485
AIR 32 B2A/B66AA w/ Mount Pipe	B	From Leg	4.000	0.000	148.000	No Ice	3.760	3.150	0.194
			0.000			1/2" Ice	4.120	3.490	0.252
			2.000			1" Ice	4.480	3.840	0.320
						2" Ice	5.240	4.580	0.485
AIR 32 B2A/B66AA w/ Mount Pipe	C	From Leg	4.000	0.000	148.000	No Ice	3.760	3.150	0.194
			0.000			1/2" Ice	4.120	3.490	0.252
			2.000			1" Ice	4.480	3.840	0.320
						2" Ice	5.240	4.580	0.485
RRUS 4415 B25	A	From Leg	4.000	0.000	148.000	No Ice	1.644	0.679	0.044
			0.000			1/2" Ice	1.804	0.791	0.056
			2.000			1" Ice	1.972	0.913	0.071
						2" Ice	2.329	1.183	0.109
RRUS 4415 B25	B	From Leg	4.000	0.000	148.000	No Ice	1.644	0.679	0.044
			0.000			1/2" Ice	1.804	0.791	0.056
			2.000			1" Ice	1.972	0.913	0.071
						2" Ice	2.329	1.183	0.109
RRUS 4415 B25	C	From Leg	4.000	0.000	148.000	No Ice	1.644	0.679	0.044
			0.000			1/2" Ice	1.804	0.791	0.056
			2.000			1" Ice	1.972	0.913	0.071
						2" Ice	2.329	1.183	0.109
(2) KRY 112 144/1	A	From Leg	4.000	0.000	148.000	No Ice	0.350	0.175	0.011
			0.000			1/2" Ice	0.426	0.234	0.014
			2.000			1" Ice	0.509	0.301	0.019
						2" Ice	0.698	0.456	0.032
KRY 112 144/1	B	From Leg	4.000	0.000	148.000	No Ice	0.350	0.175	0.011
			0.000			1/2" Ice	0.426	0.234	0.014
			2.000			1" Ice	0.509	0.301	0.019
						2" Ice	0.698	0.456	0.032
RADIO 4449 B71 B85A_T-MOBILE	A	From Leg	4.000	0.000	148.000	No Ice	1.970	1.587	0.073
			0.000			1/2" Ice	2.147	1.749	0.093
			2.000			1" Ice	2.331	1.918	0.116
						2" Ice	2.721	2.280	0.170
RADIO 4449 B71 B85A_T-MOBILE	B	From Leg	4.000	0.000	148.000	No Ice	1.970	1.587	0.073
			0.000			1/2" Ice	2.147	1.749	0.093
			2.000			1" Ice	2.331	1.918	0.116
						2" Ice	2.721	2.280	0.170
RADIO 4449 B71 B85A_T-MOBILE	C	From Leg	4.000	0.000	148.000	No Ice	1.970	1.587	0.073
			0.000			1/2" Ice	2.147	1.749	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
			2.000			1" Ice	2.331	1.918	0.116
						2" Ice	2.721	2.280	0.170
8' x 2" Mount Pipe	A	From Leg	4.000	0.000	148.000	No Ice	1.900	1.900	0.029
			0.000			1/2" Ice	2.728	2.728	0.044
			0.000			1" Ice	3.401	3.401	0.063
						2" Ice	4.396	4.396	0.119
8' x 2" Mount Pipe	B	From Leg	4.000	0.000	148.000	No Ice	1.900	1.900	0.029
			0.000			1/2" Ice	2.728	2.728	0.044
			0.000			1" Ice	3.401	3.401	0.063
						2" Ice	4.396	4.396	0.119
8' x 2" Mount Pipe	C	From Leg	4.000	0.000	148.000	No Ice	1.900	1.900	0.029
			0.000			1/2" Ice	2.728	2.728	0.044
			0.000			1" Ice	3.401	3.401	0.063
						2" Ice	4.396	4.396	0.119
Platform Mount [LP 303-1_KCKR-HR-1]	C	None		0.000	148.000	No Ice	28.310	28.310	1.770
						1/2" Ice	35.690	35.690	2.297
						1" Ice	43.110	43.110	2.943
						2" Ice	58.210	58.210	4.603
*									
(2) 7770.00 w/ Mount Pipe	A	From Leg	4.000	0.000	140.000	No Ice	5.746	4.254	0.055
			0.000			1/2" Ice	6.179	5.014	0.103
			0.000			1" Ice	6.607	5.711	0.157
						2" Ice	7.488	7.155	0.287
(2) 7770.00 w/ Mount Pipe	B	From Leg	4.000	0.000	140.000	No Ice	5.746	4.254	0.055
			0.000			1/2" Ice	6.179	5.014	0.103
			0.000			1" Ice	6.607	5.711	0.157
						2" Ice	7.488	7.155	0.287
(2) 7770.00 w/ Mount Pipe	C	From Leg	4.000	0.000	140.000	No Ice	5.746	4.254	0.055
			0.000			1/2" Ice	6.179	5.014	0.103
			0.000			1" Ice	6.607	5.711	0.157
						2" Ice	7.488	7.155	0.287
HPA-65R-BUU-H6 w/ Mount Pipe	A	From Leg	4.000	0.000	140.000	No Ice	9.220	6.250	0.074
			0.000			1/2" Ice	9.980	6.960	0.143
			0.000			1" Ice	10.760	7.700	0.224
						2" Ice	12.360	9.220	0.420
HPA-65R-BUU-H6 w/ Mount Pipe	B	From Leg	4.000	0.000	140.000	No Ice	9.220	6.250	0.074
			0.000			1/2" Ice	9.980	6.960	0.143
			0.000			1" Ice	10.760	7.700	0.224
						2" Ice	12.360	9.220	0.420
HPA-65R-BUU-H6 w/ Mount Pipe	C	From Leg	4.000	0.000	140.000	No Ice	9.220	6.250	0.074
			0.000			1/2" Ice	9.980	6.960	0.143
			0.000			1" Ice	10.760	7.700	0.224
						2" Ice	12.360	9.220	0.420
(2) LGP21401	A	From Leg	4.000	0.000	140.000	No Ice	1.104	0.207	0.014
			0.000			1/2" Ice	1.239	0.274	0.021
			0.000			1" Ice	1.381	0.348	0.030
						2" Ice	1.688	0.521	0.055
(2) LGP21401	B	From Leg	4.000	0.000	140.000	No Ice	1.104	0.207	0.014
			0.000			1/2" Ice	1.239	0.274	0.021
			0.000			1" Ice	1.381	0.348	0.030
						2" Ice	1.688	0.521	0.055
(2) LGP21401	C	From Leg	4.000	0.000	140.000	No Ice	1.104	0.207	0.014
			0.000			1/2" Ice	1.239	0.274	0.021
			0.000			1" Ice	1.381	0.348	0.030
						2" Ice	1.688	0.521	0.055
RRUS 11	A	From Leg	1.000	0.000	140.000	No Ice	2.784	1.187	0.048
			0.000			1/2" Ice	2.992	1.334	0.068

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
			0.000			1" Ice	3.207	1.490	0.092
						2" Ice	3.658	1.833	0.150
RRUS 11	B	From Leg	1.000	0.000	140.000	No Ice	2.784	1.187	0.048
			0.000			1/2" Ice	2.992	1.334	0.068
			0.000			1" Ice	3.207	1.490	0.092
						2" Ice	3.658	1.833	0.150
RRUS 11	C	From Leg	1.000	0.000	140.000	No Ice	2.784	1.187	0.048
			0.000			1/2" Ice	2.992	1.334	0.068
			0.000			1" Ice	3.207	1.490	0.092
						2" Ice	3.658	1.833	0.150
RRUS 32 B2	A	From Leg	4.000	0.000	140.000	No Ice	2.731	1.668	0.053
			0.000			1/2" Ice	2.953	1.855	0.074
			0.000			1" Ice	3.182	2.049	0.098
						2" Ice	3.663	2.458	0.157
RRUS 32 B2	B	From Leg	4.000	0.000	140.000	No Ice	2.731	1.668	0.053
			0.000			1/2" Ice	2.953	1.855	0.074
			0.000			1" Ice	3.182	2.049	0.098
						2" Ice	3.663	2.458	0.157
RRUS 32 B2	C	From Leg	4.000	0.000	140.000	No Ice	2.731	1.668	0.053
			0.000			1/2" Ice	2.953	1.855	0.074
			0.000			1" Ice	3.182	2.049	0.098
						2" Ice	3.663	2.458	0.157
DC6-48-60-18-8F	A	From Leg	4.000	0.000	140.000	No Ice	1.212	1.212	0.033
			0.000			1/2" Ice	1.892	1.892	0.055
			0.000			1" Ice	2.105	2.105	0.080
						2" Ice	2.570	2.570	0.138
(2) 2' x 2" Pipe Mount	A	From Leg	0.500	0.000	140.000	No Ice	0.023	0.023	0.007
			0.000			1/2" Ice	0.049	0.049	0.008
			1.000			1" Ice	0.085	0.085	0.009
						2" Ice	0.186	0.186	0.013
(2) 2' x 2" Pipe Mount	B	From Leg	0.500	0.000	140.000	No Ice	0.023	0.023	0.007
			0.000			1/2" Ice	0.049	0.049	0.008
			1.000			1" Ice	0.085	0.085	0.009
						2" Ice	0.186	0.186	0.013
(2) 2' x 2" Pipe Mount	C	From Leg	0.500	0.000	140.000	No Ice	0.023	0.023	0.007
			0.000			1/2" Ice	0.049	0.049	0.008
			1.000			1" Ice	0.085	0.085	0.009
						2" Ice	0.186	0.186	0.013
6' x 2" Horizontal Mount Pipe	A	From Leg	0.500	0.000	140.000	No Ice	1.140	0.010	0.016
			0.000			1/2" Ice	1.760	0.040	0.025
			1.000			1" Ice	2.140	0.090	0.038
						2" Ice	2.900	0.210	0.077
6' x 2" Horizontal Mount Pipe	B	From Leg	0.500	0.000	140.000	No Ice	1.140	0.010	0.016
			0.000			1/2" Ice	1.760	0.040	0.025
			1.000			1" Ice	2.140	0.090	0.038
						2" Ice	2.900	0.210	0.077
6' x 2" Horizontal Mount Pipe	C	From Leg	0.500	0.000	140.000	No Ice	1.140	0.010	0.016
			0.000			1/2" Ice	1.760	0.040	0.025
			1.000			1" Ice	2.140	0.090	0.038
						2" Ice	2.900	0.210	0.077
Side Arm Mount [SO 102-3]	C	None		0.000	140.000	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
						2" Ice	5.900	5.900	0.195
Platform Mount [LP 304-1_HR-1]	C	None		0.000	140.000	No Ice	21.410	21.410	1.605
						1/2" Ice	26.620	26.620	2.056
						1" Ice	31.660	31.660	2.598

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
						2" Ice	41.380	41.380	3.958
*									
(2) DB846F65ZAXY w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice 2" Ice	6.100 6.800 7.510 8.980	6.810 7.520 8.240 9.730	0.058 0.119 0.191 0.369
(2) DB846F65ZAXY w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice 2" Ice	6.100 6.800 7.510 8.980	6.810 7.520 8.240 9.730	0.058 0.119 0.191 0.369
(2) DB846F65ZAXY w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice 2" Ice	6.100 6.800 7.510 8.980	6.810 7.520 8.240 9.730	0.058 0.119 0.191 0.369
(2) SBNHH-1D65B w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.090 4.490 4.890 5.720	3.300 3.680 4.070 4.870	0.066 0.130 0.204 0.386
(2) SBNHH-1D65B w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.090 4.490 4.890 5.720	3.300 3.680 4.070 4.870	0.066 0.130 0.204 0.386
(2) SBNHH-1D65B w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.090 4.490 4.890 5.720	3.300 3.680 4.070 4.870	0.066 0.130 0.204 0.386
MT6407-77A w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.907 5.256 5.615 6.362	2.682 3.145 3.624 4.631	0.096 0.136 0.180 0.288
MT6407-77A w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.907 5.256 5.615 6.362	2.682 3.145 3.624 4.631	0.096 0.136 0.180 0.288
MT6407-77A w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.907 5.256 5.615 6.362	2.682 3.145 3.624 4.631	0.096 0.136 0.180 0.288
RFV01U-D2A	A	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.875 2.045 2.223 2.601	1.013 1.145 1.284 1.585	0.070 0.087 0.106 0.153
RFV01U-D2A	B	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.875 2.045 2.223 2.601	1.013 1.145 1.284 1.585	0.070 0.087 0.106 0.153
RFV01U-D2A	C	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.875 2.045 2.223 2.601	1.013 1.145 1.284 1.585	0.070 0.087 0.106 0.153
RFV01U-D1A	A	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.875 2.045 2.223 2.601	1.250 1.393 1.543 1.865	0.084 0.103 0.124 0.175
RFV01U-D1A	B	From Leg	4.000 0.000 0.000	0.000	130.000	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

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
						2" Ice	2.601	1.865	0.175
RFV01U-D1A	C	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.875 2.045 2.223 2.601	1.250 1.393 1.543 1.865	0.084 0.103 0.124 0.175
RVZDC-6627-PF-48	A	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice 2" Ice	3.792 4.044 4.303 4.844	2.514 2.727 2.947 3.417	0.032 0.063 0.099 0.181
Platform Mount [LP 304-1]	C	None		0.000	130.000	No Ice 1/2" Ice 1" Ice 2" Ice	17.490 21.370 25.280 33.170	17.490 21.370 25.280 33.170	1.349 1.709 2.131 3.164
Mount Reinforcement	C	None		0.000	130.000	No Ice 1/2" Ice 1" Ice 2" Ice	28.630 37.310 45.800 62.380	28.630 37.310 45.800 62.380	0.280 0.670 0.940 1.630
BSAMNT-SBS-1-2	C	None		0.000	130.000	No Ice 1/2" Ice 1" Ice 2" Ice	3.600 4.180 4.750 5.900	3.600 4.180 4.750 5.900	0.075 0.105 0.135 0.195
*									
800 10251 w/ Mount Pipe	B	From Leg	3.000 0.000 0.000	0.000	124.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.356 4.702 5.056 5.792	2.256 2.773 3.306 4.424	0.041 0.075 0.114 0.209
4' x 2" Pipe Mount	B	From Leg	2.000 0.000 0.000	0.000	124.000	No Ice 1/2" Ice 1" Ice 2" Ice	0.785 1.028 1.281 1.814	0.785 1.028 1.281 1.814	0.029 0.035 0.044 0.072
Side Arm Mount [SO 102-3]	C	None		0.000	124.000	No Ice 1/2" Ice 1" Ice 2" Ice	3.600 4.180 4.750 5.900	3.600 4.180 4.750 5.900	0.075 0.105 0.135 0.195
Side Arm Mount [SO 701-1]	B	From Leg	1.500 0.000 0.000	0.000	124.000	No Ice 1/2" Ice 1" Ice 2" Ice	0.850 1.140 1.430 2.010	1.670 2.340 3.010 4.350	0.065 0.079 0.093 0.121
*									
(3) 800 10252	B	From Leg	3.000 0.000 0.000	0.000	113.000	No Ice 1/2" Ice 1" Ice 2" Ice	6.305 6.633 6.969 7.662	2.681 2.935 3.196 3.739	0.027 0.067 0.113 0.218
(3) 6' x 2" Mount Pipe	B	From Leg	3.000 0.000 0.000	0.000	113.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.425 1.925 2.294 3.060	1.425 1.925 2.294 3.060	0.022 0.033 0.048 0.090
T-Arm Mount [TA 601-1]	B	From Leg	2.000 0.000 0.000	0.000	113.000	No Ice 1/2" Ice 1" Ice 2" Ice	7.970 9.600 11.010 13.750	2.500 3.200 4.020 5.990	0.242 0.314 0.403 0.641
*									
CSA40-67-DIN	A	From Leg	4.000 0.000 0.000	0.000	113.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.194 2.951 3.663 4.632	21.725 22.351 22.984 24.273	0.075 0.170 0.274 0.503
10' x 2" Mount Pipe	A	From Leg	4.000	0.000	113.000	No Ice	2.375	2.375	0.037

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft	Offsets: Vert ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0.000				1/2" Ice	3.403	3.403	0.054
			0.000				1" Ice	4.448	4.448	0.079
							2" Ice	5.911	5.911	0.148
SC323	C	From Leg	3.000		0.000	113.000	No Ice	1.185	1.185	0.006
			0.000				1/2" Ice	1.867	1.867	0.015
			3.000				1" Ice	2.390	2.390	0.029
							2" Ice	3.218	3.218	0.070
5' x 2" Pipe Mount	C	From Leg	3.000		0.000	113.000	No Ice	1.188	1.188	0.018
			0.000				1/2" Ice	1.496	1.496	0.027
			0.000				1" Ice	1.807	1.807	0.040
							2" Ice	2.458	2.458	0.076
Side Arm Mount [SO 701-3]	C	None			0.000	113.000	No Ice	3.020	3.020	0.195
							1/2" Ice	4.180	4.180	0.237
							1" Ice	5.330	5.330	0.279
							2" Ice	7.630	7.630	0.363
Side Arm Mount [SO 102-3]	C	None			0.000	113.000	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
							2" Ice	5.900	5.900	0.195
*										
MX08FRO665-21 w/ Mount Pipe	A	From Leg	4.000		0.000	99.000	No Ice	8.010	4.230	0.108
			0.000				1/2" Ice	8.520	4.690	0.194
			0.000				1" Ice	9.040	5.160	0.292
							2" Ice	10.110	6.120	0.522
MX08FRO665-21 w/ Mount Pipe	B	From Leg	4.000		0.000	99.000	No Ice	8.010	4.230	0.108
			0.000				1/2" Ice	8.520	4.690	0.194
			0.000				1" Ice	9.040	5.160	0.292
							2" Ice	10.110	6.120	0.522
MX08FRO665-21 w/ Mount Pipe	C	From Leg	4.000		0.000	99.000	No Ice	8.010	4.230	0.108
			0.000				1/2" Ice	8.520	4.690	0.194
			0.000				1" Ice	9.040	5.160	0.292
							2" Ice	10.110	6.120	0.522
TA08025-B604	A	From Leg	4.000		0.000	99.000	No Ice	1.964	0.981	0.064
			0.000				1/2" Ice	2.138	1.112	0.081
			0.000				1" Ice	2.320	1.250	0.100
							2" Ice	2.705	1.548	0.148
TA08025-B604	B	From Leg	4.000		0.000	99.000	No Ice	1.964	0.981	0.064
			0.000				1/2" Ice	2.138	1.112	0.081
			0.000				1" Ice	2.320	1.250	0.100
							2" Ice	2.705	1.548	0.148
TA08025-B604	C	From Leg	4.000		0.000	99.000	No Ice	1.964	0.981	0.064
			0.000				1/2" Ice	2.138	1.112	0.081
			0.000				1" Ice	2.320	1.250	0.100
							2" Ice	2.705	1.548	0.148
TA08025-B605	A	From Leg	4.000		0.000	99.000	No Ice	1.964	1.129	0.075
			0.000				1/2" Ice	2.138	1.267	0.093
			0.000				1" Ice	2.320	1.411	0.114
							2" Ice	2.705	1.723	0.164
TA08025-B605	B	From Leg	4.000		0.000	99.000	No Ice	1.964	1.129	0.075
			0.000				1/2" Ice	2.138	1.267	0.093
			0.000				1" Ice	2.320	1.411	0.114
							2" Ice	2.705	1.723	0.164
TA08025-B605	C	From Leg	4.000		0.000	99.000	No Ice	1.964	1.129	0.075
			0.000				1/2" Ice	2.138	1.267	0.093
			0.000				1" Ice	2.320	1.411	0.114
							2" Ice	2.705	1.723	0.164
RDIDC-9181-PF-48	A	From Leg	4.000		0.000	99.000	No Ice	2.012	1.168	0.022

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
			0.000			1/2" Ice	2.189	1.311	0.040
			0.000			1" Ice	2.373	1.461	0.060
						2" Ice	2.763	1.784	0.110
(2) 8' x 2" Mount Pipe	A	From Leg	4.000	0.000	99.000	No Ice	1.900	1.900	0.029
			0.000			1/2" Ice	2.728	2.728	0.044
			0.000			1" Ice	3.401	3.401	0.063
						2" Ice	4.396	4.396	0.119
(2) 8' x 2" Mount Pipe	B	From Leg	4.000	0.000	99.000	No Ice	1.900	1.900	0.029
			0.000			1/2" Ice	2.728	2.728	0.044
			0.000			1" Ice	3.401	3.401	0.063
						2" Ice	4.396	4.396	0.119
(2) 8' x 2" Mount Pipe	C	From Leg	4.000	0.000	99.000	No Ice	1.900	1.900	0.029
			0.000			1/2" Ice	2.728	2.728	0.044
			0.000			1" Ice	3.401	3.401	0.063
						2" Ice	4.396	4.396	0.119
Commscope MC-PK8-DSH	C	None		0.000	99.000	No Ice	34.240	34.240	1.749
						1/2" Ice	62.950	62.950	2.099
						1" Ice	91.660	91.660	2.450
						2" Ice	149.080	149.080	3.151
*									

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
HP2-4.7NS	B	Paraboloid w/Shroud (HP)	From Leg	2.000	-11.000		124.000	2.042	No Ice	3.274	0.027
				0.000					1/2" Ice	3.547	0.045
				0.000					1" Ice	3.819	0.063
									2" Ice	4.365	0.100
*											

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

Comb. No.	Description
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
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	150 - 110	Pole	Max Tension	14	0.000	0.000	-0.000
			Max. Compression	26	-35.710	-1.666	2.398
			Max. Mx	8	-16.639	-419.565	0.066
			Max. My	2	-16.664	0.392	419.604
			Max. Vy	20	-18.367	418.573	1.612
			Max. Vx	14	18.292	-1.598	-418.074
			Max. Torque	11			4.224
L2	110 - 94.25	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-43.191	-5.896	2.401
			Max. Mx	8	-21.112	-752.093	-5.372
			Max. My	2	-21.184	4.614	733.707
			Max. Vy	20	-22.491	748.704	6.487
			Max. Vx	14	21.200	-8.450	-732.682

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Torque	10			6.603
L3	94.25 - 46.25	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-67.293	-5.976	2.933
			Max. Mx	8	-38.452	-2025.167	-22.429
			Max. My	2	-38.494	23.637	1950.052
			Max. Vy	20	-29.799	2023.581	24.499
			Max. Vx	14	28.536	-26.771	-1948.780
			Max. Torque	10			6.800
L4	46.25 - 0	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-96.127	-5.976	2.933
			Max. Mx	20	-62.042	3746.847	44.809
			Max. My	2	-62.043	45.437	3606.194
			Max. Vy	20	-34.553	3746.847	44.809
			Max. Vx	14	33.316	-47.629	-3605.006
			Max. Torque	10			6.794

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	30	96.127	-8.716	-0.057
	Max. H_x	21	46.542	34.528	0.374
	Max. H_z	2	62.056	0.402	33.290
	Max. M_x	2	3606.194	0.402	33.290
	Max. M_z	8	3746.317	-34.489	-0.364
	Max. Torsion	10	6.792	-30.047	-16.950
	Min. Vert	17	46.542	16.952	-28.641
	Min. H_x	9	46.542	-34.489	-0.364
	Min. H_z	14	62.056	-0.384	-33.292
	Min. M_x	14	-3605.006	-0.384	-33.292
	Min. M_z	20	-3746.847	34.528	0.374
	Min. Torsion	22	-6.759	30.084	16.963

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	51.713	0.000	0.000	-0.558	-1.796	0.000
1.2 Dead+1.0 Wind 0 deg - No Ice	62.056	-0.402	-33.290	-3606.194	45.437	2.971
0.9 Dead+1.0 Wind 0 deg - No Ice	46.542	-0.402	-33.290	-3583.028	45.726	2.978
1.2 Dead+1.0 Wind 30 deg - No Ice	62.056	16.960	-28.641	-3100.924	-1841.133	-0.378
0.9 Dead+1.0 Wind 30 deg - No Ice	46.542	16.960	-28.641	-3080.972	-1828.843	-0.369
1.2 Dead+1.0 Wind 60 deg - No Ice	62.056	29.711	-16.304	-1763.109	-3226.508	-3.803
0.9 Dead+1.0 Wind 60 deg - No Ice	46.542	29.711	-16.304	-1751.683	-3205.411	-3.795
1.2 Dead+1.0 Wind 90 deg - No	62.056	34.489	0.364	42.184	-3746.317	-6.113

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 0.9 Dead+1.0 Wind 90 deg - No Ice	46.542	34.489	0.364	42.103	-3721.923	-6.108
1.2 Dead+1.0 Wind 120 deg - No Ice	62.056	30.047	16.950	1837.835	-3265.694	-6.792
0.9 Dead+1.0 Wind 120 deg - No Ice	46.542	30.047	16.950	1826.305	-3244.365	-6.790
1.2 Dead+1.0 Wind 150 deg - No Ice	62.056	17.583	28.991	3140.517	-1914.346	-5.593
0.9 Dead+1.0 Wind 150 deg - No Ice	46.542	17.583	28.991	3120.680	-1901.615	-5.596
1.2 Dead+1.0 Wind 180 deg - No Ice	62.056	0.384	33.292	3605.006	-47.629	-3.025
0.9 Dead+1.0 Wind 180 deg - No Ice	46.542	0.384	33.292	3582.204	-46.771	-3.032
1.2 Dead+1.0 Wind 210 deg - No Ice	62.056	-16.952	28.641	3099.416	1835.601	0.400
0.9 Dead+1.0 Wind 210 deg - No Ice	46.542	-16.952	28.641	3079.829	1824.484	0.391
1.2 Dead+1.0 Wind 240 deg - No Ice	62.056	-29.742	16.293	1760.307	3225.983	3.802
0.9 Dead+1.0 Wind 240 deg - No Ice	46.542	-29.742	16.293	1749.251	3206.027	3.794
1.2 Dead+1.0 Wind 270 deg - No Ice	62.056	-34.528	-0.374	-44.809	3746.847	6.092
0.9 Dead+1.0 Wind 270 deg - No Ice	46.542	-34.528	-0.374	-44.361	3723.584	6.086
1.2 Dead+1.0 Wind 300 deg - No Ice	62.056	-30.084	-16.963	-1840.887	3265.908	6.759
0.9 Dead+1.0 Wind 300 deg - No Ice	46.542	-30.084	-16.963	-1828.988	3245.708	6.758
1.2 Dead+1.0 Wind 330 deg - No Ice	62.056	-17.612	-29.008	-3144.064	1913.534	5.573
0.9 Dead+1.0 Wind 330 deg - No Ice	46.542	-17.612	-29.008	-3123.851	1901.939	5.576
1.2 Dead+1.0 Ice+1.0 Temp	96.127	0.000	-0.000	-2.933	-5.976	-0.000
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	96.127	-0.064	-8.536	-921.518	1.573	0.662
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	96.127	4.314	-7.363	-794.893	-470.807	0.017
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	96.127	7.524	-4.214	-455.747	-817.104	-0.666
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	96.127	8.716	0.057	3.815	-945.812	-1.154
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	96.127	7.576	4.316	461.894	-823.263	-1.335
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	96.127	4.412	7.417	795.328	-482.471	-1.147
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	96.127	0.061	8.536	915.472	-13.493	-0.674
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	96.127	-4.312	7.362	788.790	458.249	-0.012
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	96.127	-7.530	4.212	449.420	805.500	0.668
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	96.127	-8.723	-0.059	-10.110	934.406	1.151
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	96.127	-7.583	-4.318	-468.269	811.796	1.327
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	96.127	-4.417	-7.420	-801.795	470.810	1.140
Dead+Wind 0 deg - Service	51.713	-0.081	-6.680	-721.273	7.664	0.598

Load Combination	Vertical	$Shear_x$	$Shear_z$	Overturning Moment, M_x	Overturning Moment, M_z	Torque
	K	K	K	kip-ft	kip-ft	kip-ft
Dead+Wind 30 deg - Service	51.713	3.403	-5.747	-620.277	-369.433	-0.078
Dead+Wind 60 deg - Service	51.713	5.962	-3.272	-352.871	-646.356	-0.769
Dead+Wind 90 deg - Service	51.713	6.921	0.073	7.986	-750.269	-1.236
Dead+Wind 120 deg - Service	51.713	6.029	3.401	366.922	-654.198	-1.373
Dead+Wind 150 deg - Service	51.713	3.528	5.818	627.311	-384.072	-1.130
Dead+Wind 180 deg - Service	51.713	0.077	6.681	720.152	-10.935	-0.610
Dead+Wind 210 deg - Service	51.713	-3.402	5.747	619.090	365.497	0.084
Dead+Wind 240 deg - Service	51.713	-5.968	3.270	351.424	643.422	0.772
Dead+Wind 270 deg - Service	51.713	-6.929	-0.075	-9.400	747.544	1.233
Dead+Wind 300 deg - Service	51.713	-6.037	-3.404	-368.421	651.407	1.365
Dead+Wind 330 deg - Service	51.713	-3.534	-5.821	-628.907	381.075	1.123

Solution Summary

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX	PY	PZ	PX	PY	PZ	% Error
	K	K	K	K	K	K	
1	0.000	-51.713	0.000	0.000	51.713	0.000	0.000%
2	-0.402	-62.056	-33.290	0.402	62.056	33.290	0.000%
3	-0.402	-46.542	-33.290	0.402	46.542	33.290	0.000%
4	16.960	-62.056	-28.641	-16.960	62.056	28.641	0.000%
5	16.960	-46.542	-28.641	-16.960	46.542	28.641	0.000%
6	29.711	-62.056	-16.304	-29.711	62.056	16.304	0.000%
7	29.711	-46.542	-16.304	-29.711	46.542	16.304	0.000%
8	34.489	-62.056	0.364	-34.489	62.056	-0.364	0.000%
9	34.489	-46.542	0.364	-34.489	46.542	-0.364	0.000%
10	30.047	-62.056	16.950	-30.047	62.056	-16.950	0.000%
11	30.047	-46.542	16.950	-30.047	46.542	-16.950	0.000%
12	17.583	-62.056	28.991	-17.583	62.056	-28.991	0.000%
13	17.583	-46.542	28.991	-17.583	46.542	-28.991	0.000%
14	0.384	-62.056	33.292	-0.384	62.056	-33.292	0.000%
15	0.384	-46.542	33.292	-0.384	46.542	-33.292	0.000%
16	-16.952	-62.056	28.641	16.952	62.056	-28.641	0.000%
17	-16.952	-46.542	28.641	16.952	46.542	-28.641	0.000%
18	-29.742	-62.056	16.293	29.742	62.056	-16.293	0.000%
19	-29.742	-46.542	16.293	29.742	46.542	-16.293	0.000%
20	-34.528	-62.056	-0.374	34.528	62.056	0.374	0.000%
21	-34.528	-46.542	-0.374	34.528	46.542	0.374	0.000%
22	-30.084	-62.056	-16.963	30.084	62.056	16.963	0.000%
23	-30.084	-46.542	-16.963	30.084	46.542	16.963	0.000%
24	-17.612	-62.056	-29.008	17.612	62.056	29.008	0.000%
25	-17.612	-46.542	-29.008	17.612	46.542	29.008	0.000%
26	0.000	-96.127	0.000	-0.000	96.127	0.000	0.000%
27	-0.064	-96.127	-8.536	0.064	96.127	8.536	0.000%
28	4.314	-96.127	-7.363	-4.314	96.127	7.363	0.000%
29	7.524	-96.127	-4.214	-7.524	96.127	4.214	0.000%
30	8.716	-96.127	0.057	-8.716	96.127	-0.057	0.000%
31	7.576	-96.127	4.316	-7.576	96.127	-4.316	0.000%
32	4.412	-96.127	7.417	-4.412	96.127	-7.417	0.000%
33	0.061	-96.127	8.536	-0.061	96.127	-8.536	0.000%
34	-4.312	-96.127	7.362	4.312	96.127	-7.362	0.000%
35	-7.530	-96.127	4.212	7.530	96.127	-4.212	0.000%
36	-8.723	-96.127	-0.059	8.723	96.127	0.059	0.000%
37	-7.583	-96.127	-4.318	7.583	96.127	4.318	0.000%
38	-4.417	-96.127	-7.420	4.417	96.127	7.420	0.000%
39	-0.081	-51.713	-6.680	0.081	51.713	6.680	0.000%
40	3.403	-51.713	-5.747	-3.403	51.713	5.747	0.000%
41	5.962	-51.713	-3.272	-5.962	51.713	3.272	0.000%

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX K	PY K	PZ K	PX K	PY K	PZ K	% Error
42	6.921	-51.713	0.073	-6.921	51.713	-0.073	0.000%
43	6.029	-51.713	3.401	-6.029	51.713	-3.401	0.000%
44	3.528	-51.713	5.818	-3.528	51.713	-5.818	0.000%
45	0.077	-51.713	6.681	-0.077	51.713	-6.681	0.000%
46	-3.402	-51.713	5.747	3.402	51.713	-5.747	0.000%
47	-5.968	-51.713	3.270	5.968	51.713	-3.270	0.000%
48	-6.929	-51.713	-0.075	6.929	51.713	0.075	0.000%
49	-6.037	-51.713	-3.404	6.037	51.713	3.404	0.000%
50	-3.534	-51.713	-5.821	3.534	51.713	5.821	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	4	0.00000001	0.00047645
3	Yes	4	0.00000001	0.00031499
4	Yes	5	0.00000001	0.00011933
5	Yes	5	0.00000001	0.00005710
6	Yes	5	0.00000001	0.00013511
7	Yes	5	0.00000001	0.00006486
8	Yes	5	0.00000001	0.00003501
9	Yes	4	0.00000001	0.00072522
10	Yes	5	0.00000001	0.00011226
11	Yes	5	0.00000001	0.00005315
12	Yes	5	0.00000001	0.00014679
13	Yes	5	0.00000001	0.00007061
14	Yes	4	0.00000001	0.00070099
15	Yes	4	0.00000001	0.00046424
16	Yes	5	0.00000001	0.00012074
17	Yes	5	0.00000001	0.00005793
18	Yes	5	0.00000001	0.00010943
19	Yes	5	0.00000001	0.00005210
20	Yes	5	0.00000001	0.00004168
21	Yes	4	0.00000001	0.00086179
22	Yes	5	0.00000001	0.00015420
23	Yes	5	0.00000001	0.00007415
24	Yes	5	0.00000001	0.00011529
25	Yes	5	0.00000001	0.00005482
26	Yes	4	0.00000001	0.00002380
27	Yes	5	0.00000001	0.00009912
28	Yes	5	0.00000001	0.00010831
29	Yes	5	0.00000001	0.00010973
30	Yes	5	0.00000001	0.00010206
31	Yes	5	0.00000001	0.00010969
32	Yes	5	0.00000001	0.00010913
33	Yes	5	0.00000001	0.00009765
34	Yes	5	0.00000001	0.00010456
35	Yes	5	0.00000001	0.00010534
36	Yes	5	0.00000001	0.00009946
37	Yes	5	0.00000001	0.00010926
38	Yes	5	0.00000001	0.00010771
39	Yes	4	0.00000001	0.00003093
40	Yes	4	0.00000001	0.00004947
41	Yes	4	0.00000001	0.00006790
42	Yes	4	0.00000001	0.00005456

43	Yes	4	0.00000001	0.00006310
44	Yes	4	0.00000001	0.00007907
45	Yes	4	0.00000001	0.00003259
46	Yes	4	0.00000001	0.00005014
47	Yes	4	0.00000001	0.00004876
48	Yes	4	0.00000001	0.00005563
49	Yes	4	0.00000001	0.00008829
50	Yes	4	0.00000001	0.00005769

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	150 - 110	9.544	42	0.550	0.004
L2	115.25 - 94.25	5.717	42	0.475	0.003
L3	99.75 - 46.25	4.259	42	0.413	0.002
L4	53.5 - 0	1.196	42	0.205	0.001

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
152.000	Lightning Rod 5/8" x 4'	42	9.544	0.550	0.004	99351
148.000	DS4C06F36D-D	42	9.314	0.547	0.004	99351
140.000	(2) 7770.00 w/ Mount Pipe	42	8.398	0.534	0.004	49676
130.000	(2) DB846F65ZAXY w/ Mount Pipe	42	7.277	0.515	0.003	24838
124.000	HP2-4.7NS	42	6.625	0.501	0.003	19106
113.000	(3) 800 10252	42	5.493	0.467	0.003	14456
99.000	MX08FRO665-21 w/ Mount Pipe	42	4.193	0.409	0.002	14391

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	150 - 110	47.604	8	2.742	0.019
L2	115.25 - 94.25	28.530	10	2.369	0.014
L3	99.75 - 46.25	21.263	22	2.059	0.010
L4	53.5 - 0	5.977	22	1.027	0.003

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
152.000	Lightning Rod 5/8" x 4'	8	47.604	2.742	0.020	20140
148.000	DS4C06F36D-D	8	46.458	2.727	0.020	20140
140.000	(2) 7770.00 w/ Mount Pipe	8	41.894	2.663	0.019	10069
130.000	(2) DB846F65ZAXY w/ Mount Pipe	10	36.305	2.569	0.017	5034
124.000	HP2-4.7NS	10	33.058	2.499	0.016	3871
113.000	(3) 800 10252	10	27.414	2.330	0.014	2919
99.000	MX08FRO665-21 w/ Mount Pipe	22	20.936	2.043	0.010	2906

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	150 - 110 (1)	TP39.633x28.4x0.25	40.000	0.000	0.0	30.080	-16.649	1759.710	0.009
L2	110 - 94.25 (2)	TP43.556x37.659x0.281	21.000	0.000	0.0	37.252	-21.112	2179.240	0.010
L3	94.25 - 46.25 (3)	TP56.472x41.449x0.375	53.500	0.000	0.0	64.346	-38.452	3764.260	0.010
L4	46.25 - 0 (4)	TP68.71x53.686x0.438	53.500	0.000	0.0	94.805	-62.042	5546.090	0.011

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	150 - 110 (1)	TP39.633x28.4x0.25	420.009	1496.850	0.281	0.000	1496.850	0.000
L2	110 - 94.25 (2)	TP43.556x37.659x0.281	752.190	2059.733	0.365	0.000	2059.733	0.000
L3	94.25 - 46.25 (3)	TP56.472x41.449x0.375	2025.650	4664.408	0.434	0.000	4664.408	0.000
L4	46.25 - 0 (4)	TP68.71x53.686x0.438	3749.000	8388.250	0.447	0.000	8388.250	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	150 - 110 (1)	TP39.633x28.4x0.25	18.377	527.913	0.035	1.567	1752.592	0.001
L2	110 - 94.25 (2)	TP43.556x37.659x0.281	22.456	653.773	0.034	6.602	2389.225	0.003
L3	94.25 - 46.25 (3)	TP56.472x41.449x0.375	29.770	1129.280	0.026	6.795	5346.458	0.001
L4	46.25 - 0 (4)	TP68.71x53.686x0.438	34.562	1663.830	0.021	6.759	9947.917	0.001

Pole Interaction Design Data

Section No.	Elevation ft	Ratio P_u / ϕP_n	Ratio M_{ux} / ϕM_{nx}	Ratio M_{uy} / ϕM_{ny}	Ratio V_u / ϕV_n	Ratio T_u / ϕT_n	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	150 - 110 (1)	0.009	0.281	0.000	0.035	0.001	0.291 ✔	1.050	4.8.2 ✔
L2	110 - 94.25 (2)	0.010	0.365	0.000	0.034	0.003	0.376 ✔	1.050	4.8.2 ✔
L3	94.25 - 46.25 (3)	0.010	0.434	0.000	0.026	0.001	0.445 ✔	1.050	4.8.2 ✔
L4	46.25 - 0 (4)	0.011	0.447	0.000	0.021	0.001	0.459 ✔	1.050	4.8.2 ✔

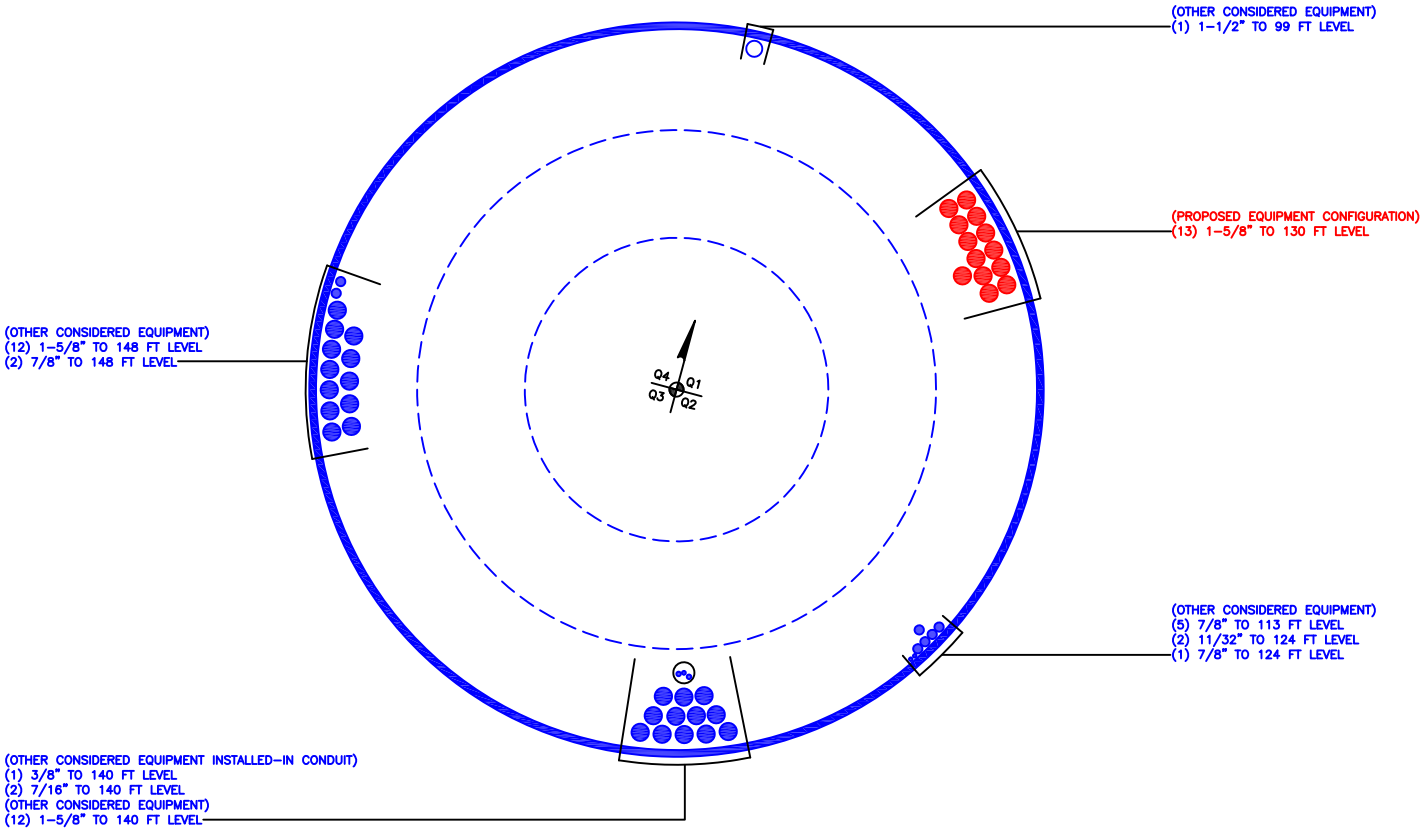
Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	150 - 110	Pole	TP39.633x28.4x0.25	1	-16.649	1847.695	27.7	Pass
L2	110 - 94.25	Pole	TP43.556x37.659x0.281	2	-21.112	2288.202	35.8	Pass
L3	94.25 - 46.25	Pole	TP56.472x41.449x0.375	3	-38.452	3952.473	42.4	Pass
L4	46.25 - 0	Pole	TP68.71x53.686x0.438	4	-62.042	5823.394	43.7	Pass
							Summary	
						Pole (L4)	43.7	Pass
						RATING =	**43.7**	**Pass**

Program Version 8.1.1.0

APPENDIX B

BASE LEVEL DRAWING



BUSINESS UNIT: 5800059

APPENDIX C

ADDITIONAL CALCULATIONS

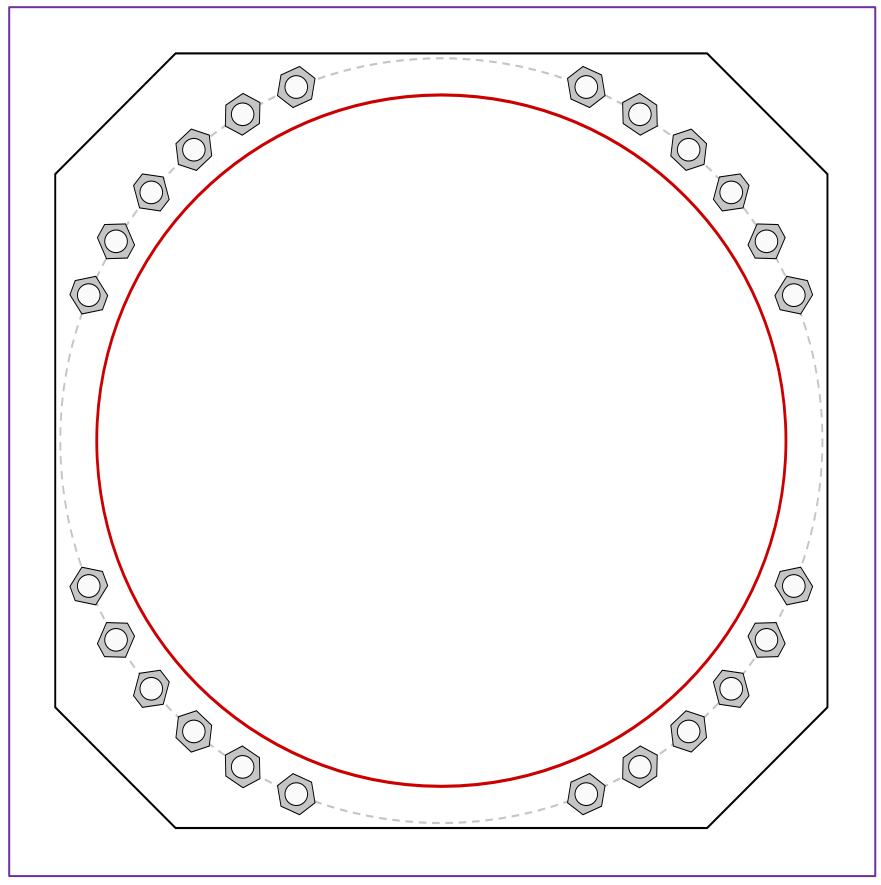
Monopole Base Plate Connection

Site Info	
BU #	5800059
Site Name	idge Road, Madison, C
Order #	582739 Rev. 0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
l_{ar} (in)	2.25

Applied Loads	
Moment (kip-ft)	3749.00
Axial Force (kips)	62.04
Shear Force (kips)	34.56

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

(24) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 76" BC

Anchor Spacing: 6 in

Base Plate Data

77" W x 3" Plate (A572-50; Fy=50 ksi, Fu=65 ksi); Clip: 12 in

Stiffener Data

N/A

Pole Data

68.71" x 0.4375" 18-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

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

Pu_t = 96.04	ϕPn_t = 243.75	**Stress Rating**
Vu = 1.44	ϕVn = 149.1	**37.5%**
Mu = n/a	ϕMn = n/a	**Pass**

Base Plate Summary

Max Stress (ksi):	14.98	(Flexural)
Allowable Stress (ksi):	45	
Stress Rating:	**31.7%**	**Pass**

Drilled Pier Foundation

BU # :	5800059
Site Name:	Ridge Road, Madison, CT
Order Number:	582739 Rev. 0
TIA-222 Revison:	H
Tower Type:	Monopole

Applied Loads	Comp.	Uplift
Moment (kip-ft)	3749	
Axial Force (kips)	62.06	
Shear Force (kips)	34.54	

Material Properties		
Concrete Strength, f'c:	4	ksi
Rebar Strength, Fy:	60	ksi
Tie Yield Strength, Fyt:	40	ksi

Pier Design Data		
Depth	39	ft
Ext. Above Grade	0.5	ft
Pier Section 1		
From 0.5' above grade to 39' below grade		
Pier Diameter	8	ft
Rebar Quantity	28	
Rebar Size	11	
Clear Cover to Ties	3	in
Tie Size	5	
Tie Spacing	12	in

Rebar & Pier Options
Embedded Pole Inputs
Belled Pier Inputs

Analysis Results		
Soil Lateral Check	*Compression*	*Uplift*
$D_{v=0}$ (ft from TOC)	9.99	-
Soil Safety Factor	6.36	-
Max Moment (kip-ft)	4009.43	-
Rating*	*19.9%*	-
Soil Vertical Check	*Compression*	*Uplift*
Skin Friction (kips)	688.42	-
End Bearing (kips)	317.36	-
Weight of Concrete (kips)	236.89	-
Total Capacity (kips)	1005.77	-
Axial (kips)	298.95	-
Rating*	*28.3%*	-
Reinforced Concrete Flexure	*Compression*	*Uplift*
Critical Depth (ft from TOC)	9.58	-
Critical Moment (kip-ft)	4008.76	-
Critical Moment Capacity	8317.36	-
Rating*	*45.9%*	-
Reinforced Concrete Shear	*Compression*	*Uplift*
Critical Depth (ft from TOC)	28.46	-
Critical Shear (kip)	290.04	-
Critical Shear Capacity	783.63	-
Rating*	*35.2%*	-

Structural Foundation Rating*	**45.9%**
Soil Interaction Rating*	**28.3%**

*Rating per TIA-222-H Section 15.5

Check Limitation	
Apply TIA-222-H Section 15.5:	☑
N/A	☐
Additional Longitudinal Rebar	
Input Effective Depths (else Actual):	☐
Shear Design Options	
Check Shear along Depth of Pier:	☑
Utilize Shear-Friction Methodology:	☐
Override Critical Depth:	☐

Go to Soil Calculations

Soil Profile

Groundwater Depth	7	# of Layers	5

Layer	Top (ft)	Bottom (ft)	Thickness (ft)	γ_{soil} (pcf)	$\gamma_{concrete}$ (pcf)	Cohesion (ksf)	Angle of Friction (degrees)	Calculated Ultimate Skin Friction Comp (ksf)	Calculated Ultimate Skin Friction Uplift (ksf)	Ultimate Skin Friction Comp Override (ksf)	Ultimate Skin Friction Uplift Override (ksf)	Ult. Net Bearing Capacity (ksf)	SPT Blow Count	Soil Type
1	0	4	4	100	150	0	0	0.000	0.000	0.00	0.00			Cohesionless
2	4	7	3	100	150	0.1	22	0.181	0.181					Silty
3	7	12	5	37.6	87.6	0.1	22	0.257	0.257					Silty
4	12	20	8	42.6	87.6	0.4	27	1.016	1.016				70	Cohesionless
5	20	39	19	62.6	87.6	0.2	31	1.398	1.398			6	85	Cohesionless

ASCE 7 Hazards Report

Address:
No Address at This Location

Standard:	ASCE/SEI 7-10	**Elevation:**	132.55 ft (NAVD 88)
Risk Category:	II	**Latitude:**	41.30925
Soil Class:	D - Stiff Soil	**Longitude:**	-72.614325

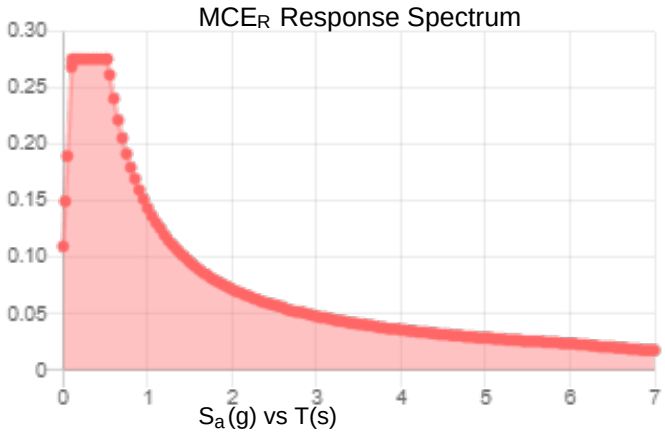
Seismic

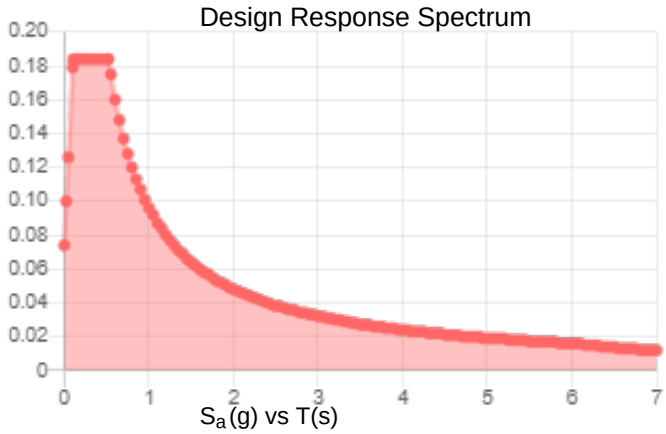
Site Soil Class: D - Stiff Soil

Results:

S_S :	0.172	S_{DS} :	0.184
S_1 :	0.06	S_{D1} :	0.096
F_a :	1.6	T_L :	6
F_v :	2.4	PGA :	0.088
S_{MS} :	0.276	PGA_M :	0.14
S_{M1} :	0.144	F_{PGA} :	1.6
		I_e :	1

Seismic Design Category B





Data Accessed: Fri Aug 06 2021

Date Source: USGS Seismic Design Maps based on ASCE/SEI 7-10, incorporating Supplement 1 and errata of March 31, 2013, and ASCE/SEI 7-10 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with ASCE/SEI 7-10 Ch. 21 are available from USGS.

Ice

Results:

Ice Thickness:	0.75 in.
Concurrent Temperature:	15 F
Gust Speed:	50 mph
Data Source:	Standard ASCE/SEI 7-10, Figs. 10-2 through 10-8
Date Accessed:	Fri Aug 06 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 50-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
856.797.0412
peter.albano@colliersengineering.com

Post-Modification Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10111993
Maser Consulting Connecticut Project #: 21781064A

October 28, 2021

Site Information	*Site ID:*	*468184-VZW / MADISON 3 CT*
	Site Name:	*MADISON 3 CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*252 Ridge Rd* *Madison, Connecticut 06433* *New Haven County*
	Latitude:	*41.309250°*
	Longitude:	*-72.614325°*
Structure Information	*Tower Type:*	*150-Ft Monopole*
	Mount Type:	*14.00-Ft Platform*

FUZE ID # 16486462

Analysis Results

Platform: **69.5% 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
For additional questions and support, please reach out to:
pmisupport@colliersengineering.com

Report Prepared By: Nathan LaPorte

Digitally signed by Justin Linette
Date: 2021.10.29 07:48:13-04'00'

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: 650040, dated July 16, 2021
Mount Mapping Report	Hudson Design Group, LLC Site ID: 468184, dated June 15, 2020
Previous Mount Analysis	Maser Consulting Connecticut Project #: 21781064A, dated October 15, 2021
Mount Modification Drawings	Maser Consulting Connecticut Project #: 21781064A, dated October 28, 2021

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	123 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	B
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.995
Seismic Parameters:	S_S:	0.206 g
	S_1:	0.054 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
129.00	130.00	6	Andrew	DB846F65ZAXY	Retained
		6	Andrew	SBNHH-1D65B	
		3	Samsung	MT6407-77A	Added
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4440d-13A	
		1	Raycap	RVZDC-6627-PF-48	

The recent mount mapping reported existing OVP units. It is acceptable to install up to any three (3) of the OVP model numbers listed below as required at any location other than the mount face without affecting the structural capacity of the mount. If OVP units are installed on the mount face, a mount re-analysis may be required unless replacing an existing OVP.

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

Standard Conditions:

1. All engineering services are performed on the basis that the information provided to 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 in accordance with the NSTD-446 Standard, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

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

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

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

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

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
Support Rail Corner	27.5%	Pass
Mount Pipe	38.5%	Pass
Face Horizontal	20.5%	Pass
Corner Plate	10.3%	Pass
Cross Arm Plate	43.1%	Pass
Grating Support	15.9%	Pass
Platform Crossmember	26.0%	Pass
Standoff Horizontal	42.7%	Pass
Mount Connection	69.5 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**69.5%**

Recommendation:

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

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

Attachments:

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

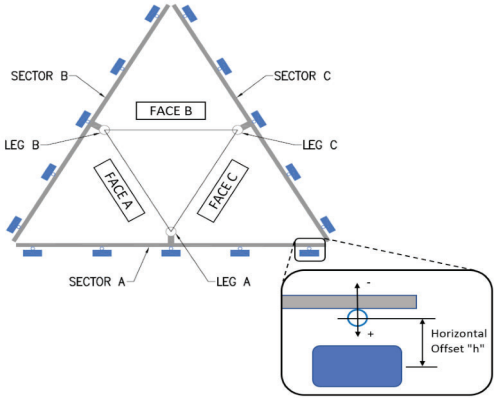
V4.0 Updated on 3-31-2021

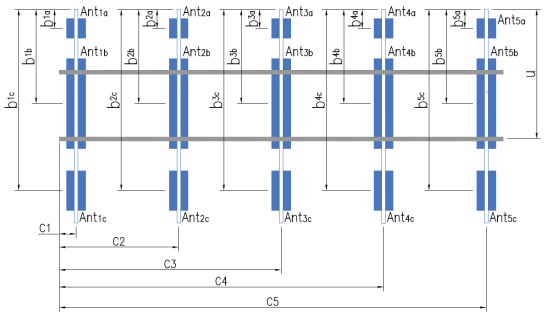
Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	CROWN CASTLE	**Mapping Date:**	6/15/2021
Site Name:	MADISON 3 CT	**Tower Type:**	Monopole
Site Number or ID:	468184	**Tower Height (Ft.):**	150
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	128.2

Please insert the sketches of the antenna mount from the "Sketches" tab with dimensions and members here.





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" STD. PIPE X 72" LONG	44.00	15.00	C1	2" STD. PIPE X 72" LONG	44.00	15.00
A2	2" STD. PIPE X 72" LONG	44.00	81.00	C2	2" STD. PIPE X 72" LONG	44.00	81.00
A3	2" STD. PIPE X 72" LONG	44.00	129.00	C3	2" STD. PIPE X 72" LONG	44.00	129.00
A4	2" STD. PIPE X 72" LONG	44.00	153.00	C4	2" STD. PIPE X 72" LONG	44.00	153.00
A5				C5			
A6				C6			
B1	2" STD. PIPE X 72" LONG	44.00	15.00	D1			
B2	2" STD. PIPE X 72" LONG	44.00	81.00	D2			
B3	2" STD. PIPE X 72" LONG	44.00	129.00	D3			
B4	2" STD. PIPE X 72" LONG	44.00	153.00	D4			
B5				D5			
B6				D6			

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	7.83
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	5.66
Please enter additional infomation or comments below.	
MONOPOLE WALL THICKNESS: .265"	

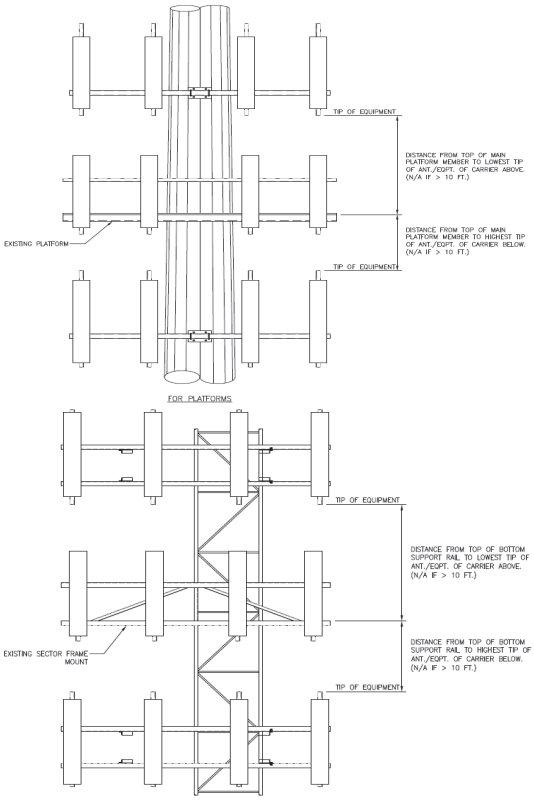
Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	34
For T-Arms/Platforms on monopoles, report the weld size from the main standoff to the plate bolting into the collar mount.			0.44

	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}	UNKNOWN	10.00	8.00	72.00		128.867	36.00	9.00	15.00	21,124
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	SBNHH-1D65B	12.00	8.00	74.00		127.783	49.00	11.00	15.00	23,127
Ant_{2c}										
Ant_{3a}	B4 RRH2X60-4R	11.00	6.00	36.00		130.7	14.00	-7.00		147,148
Ant_{3b}	SBNHH-1D65B	12.00	8.00	74.00		127.783	49.00	11.00	15.00	24,127
Ant_{3c}										
Ant_{4a}	B13 RRH4X30	12.00	8.00	21.00		130.075	21.50	-7.00		128,139
Ant_{4b}	UNKNOWN	10.00	8.00	72.00		128.867	36.00	9.00	15.00	24,125
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

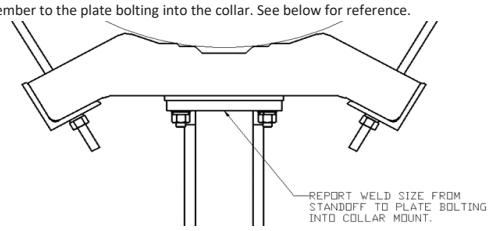
Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	15.00	Deg	Leg A:		Deg
Sector B:	135.00	Deg	Leg B:		Deg
Sector C:	255.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information		
Location:	180.00 Deg	N/A
Climbing Facility	Corrosion Type:	Good condition.
	Access:	Climbing path was unobstructed.
	Condition:	Missing safety cable.

Please insert a photo of the mount centerline measurement here.



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



Sector B										
Ant_{1a}										
Ant_{1b}	UNKNOWN	10.00	8.00	72.00		128.867	36.00	9.00	120.00	31,124
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	SBNHH-1D65B	12.00	8.00	74.00		127.783	49.00	11.00	120.00	33,127
Ant_{2c}										
Ant_{3a}	B4 RRH2X60-4R	11.00	6.00	36.00		130.7	14.00	-7.00		140,148
Ant_{3b}	SBNHH-1D65B	12.00	8.00	74.00		127.783	49.00	11.00	120.00	33,127
Ant_{3c}										
Ant_{4a}	B13 RRH4X30	12.00	8.00	21.00		130.075	21.50	-7.00		128,141
Ant_{4b}	UNKNOWN	10.00	8.00	72.00		128.867	36.00	9.00	120.00	34,125
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}										
Ant_{1b}	UNKNOWN	10.00	8.00	72.00		128.867	36.00	9.00	270.00	41,124
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	SBNHH-1D65B	12.00	8.00	74.00		127.783	49.00	11.00	270.00	44,127
Ant_{2c}										
Ant_{3a}	B4 RRH2X60-4R	11.00	6.00	36.00		130.7	14.00	-7.00		145,148
Ant_{3b}	SBNHH-1D65B	12.00	8.00	74.00		127.783	49.00	11.00	270.00	43,127
Ant_{3c}										
Ant_{4a}	B13 RRH4X30	12.00	8.00	21.00		130.075	21.50	-7.00		128,145
Ant_{4b}	UNKNOWN	10.00	8.00	72.00		128.867	36.00	9.00	270.00	43,125
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #
1	NO CLIMB CABLE PRESENT, REPLACED WITH STEP BOLT ANCHOR BRACKETS	28
2		
3		
4		
5		
6		
7		
8		

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

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

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

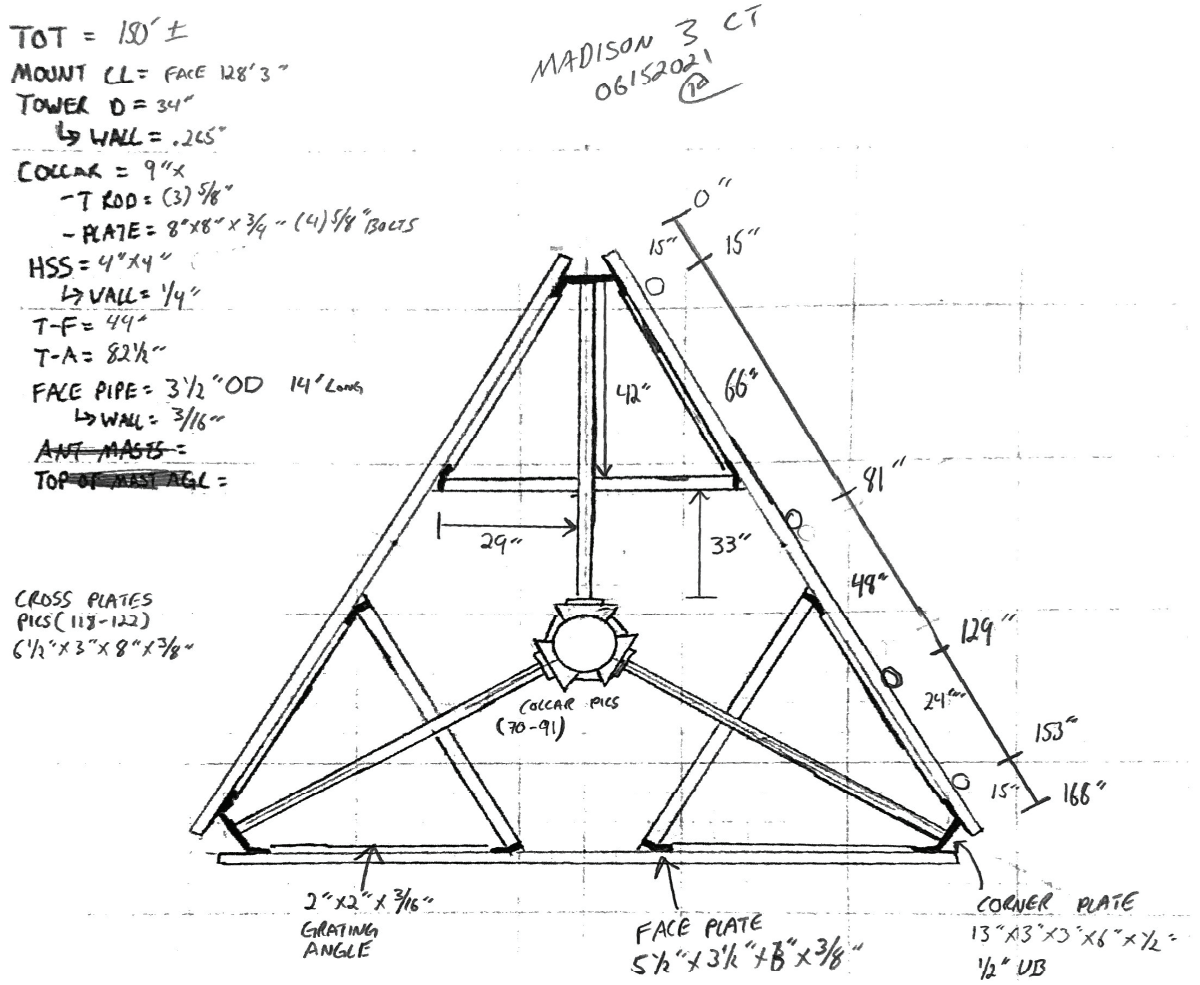
V4.0 Updated on 3-31-2021

Antenna Mount Mapping Form (PATENT PENDING)

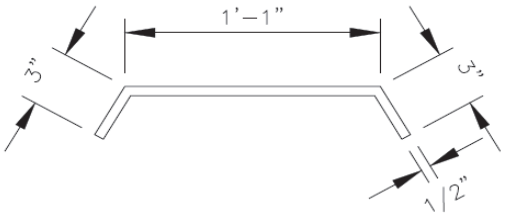
FCC #

Tower Owner:	CROWN CASTLE	**Mapping Date:**	6/15/2021
Site Name:	MADISON 3 CT	**Tower Type:**	Monopole
Site Number or ID:	468184	**Tower Height (Ft.):**	150
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	128.2

Please Insert Sketches of the Antenna Mount

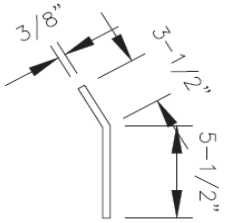


Please Insert Sketches of the Antenna Mount, cont'd



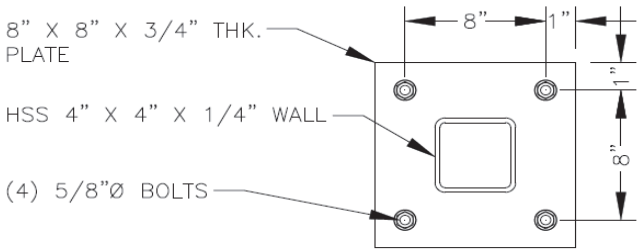
DETAIL J

APEX "A" PLATE DETAIL

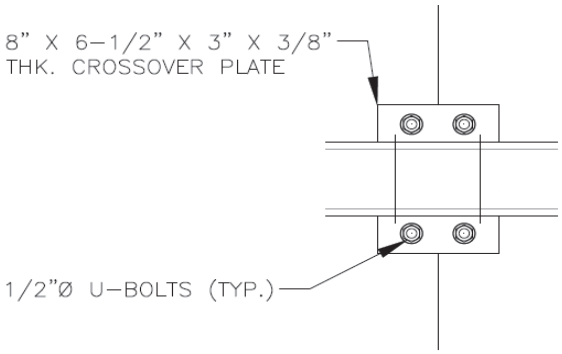


DETAIL K

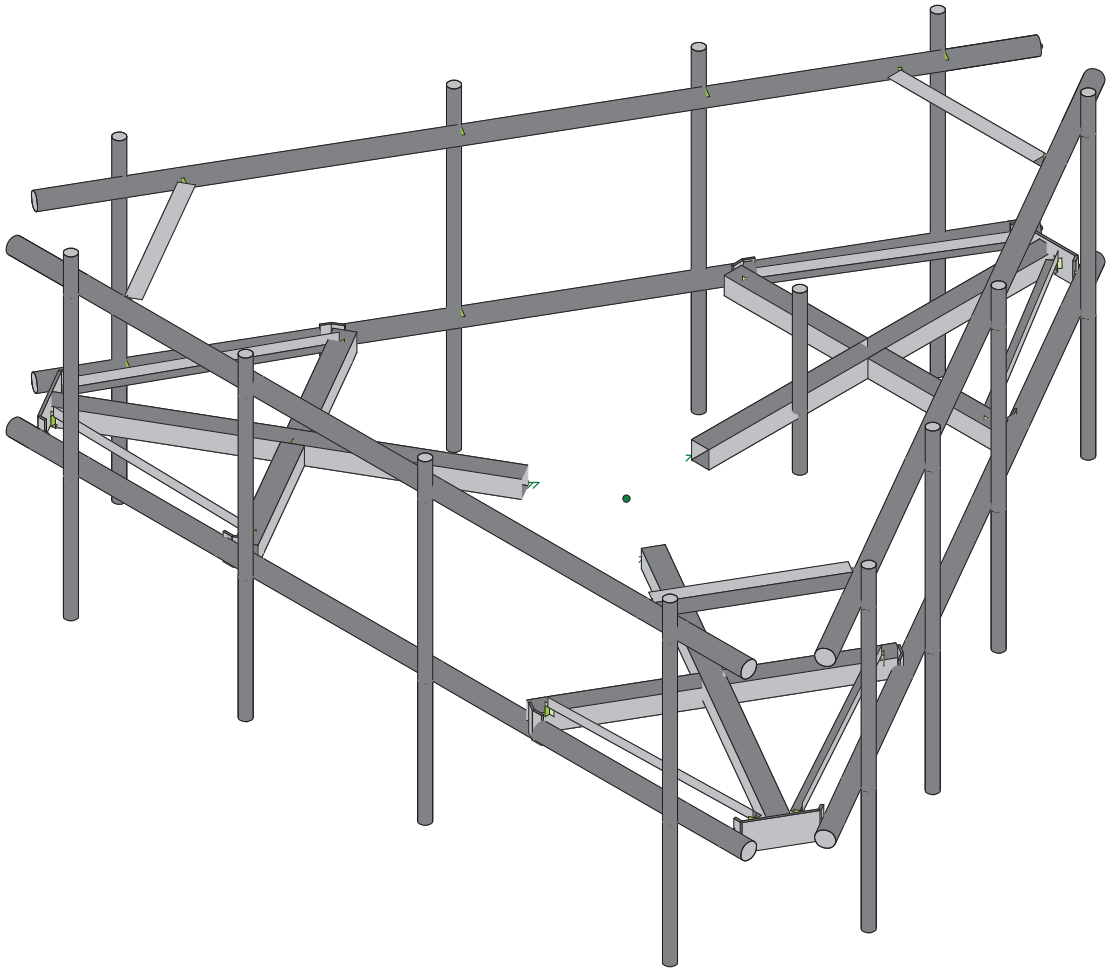
"B" PLATE DETAIL



STANDOFF TO RING MOUNT CONNECTION

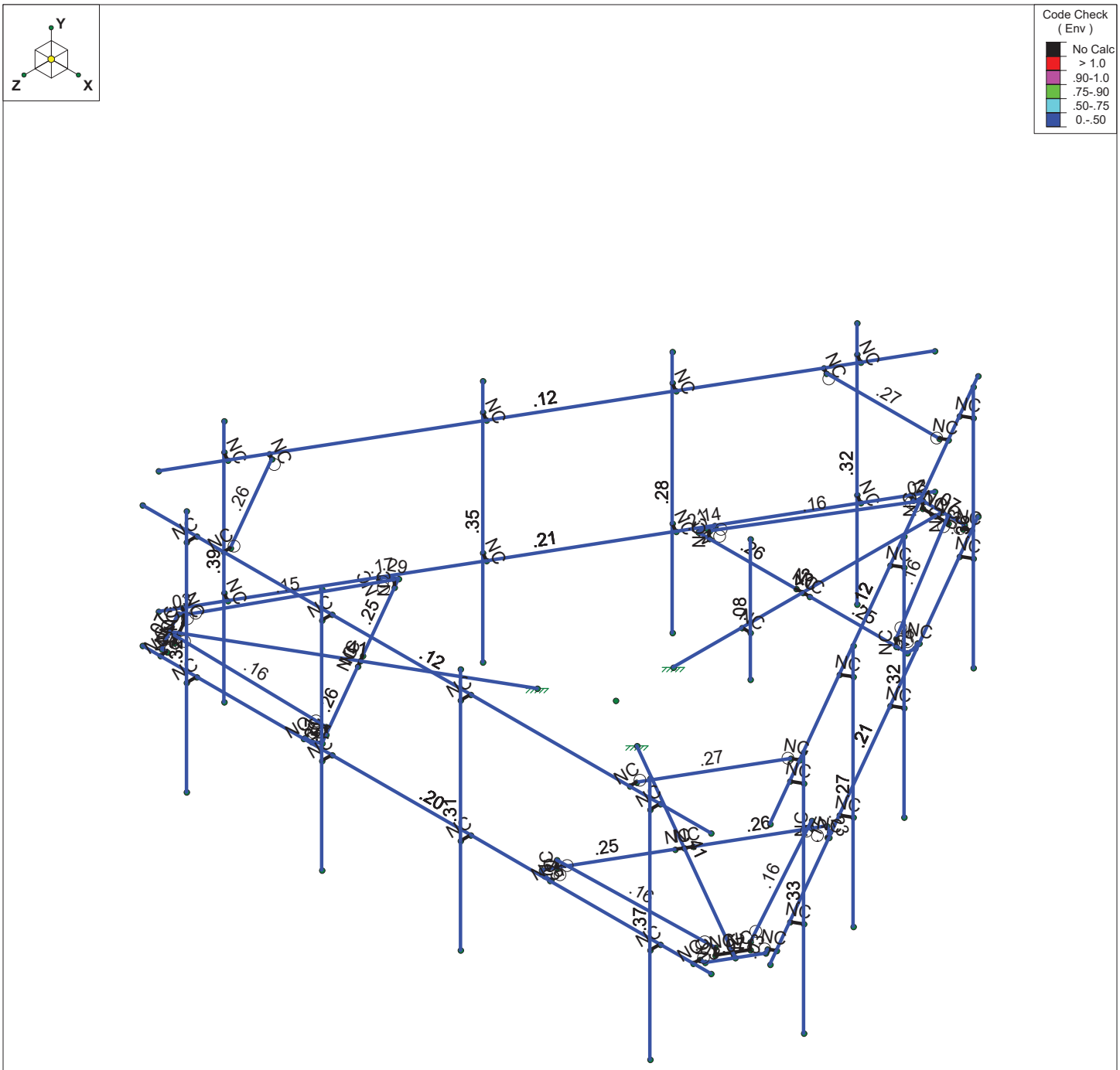


CROSSOVER PLATE DETAIL



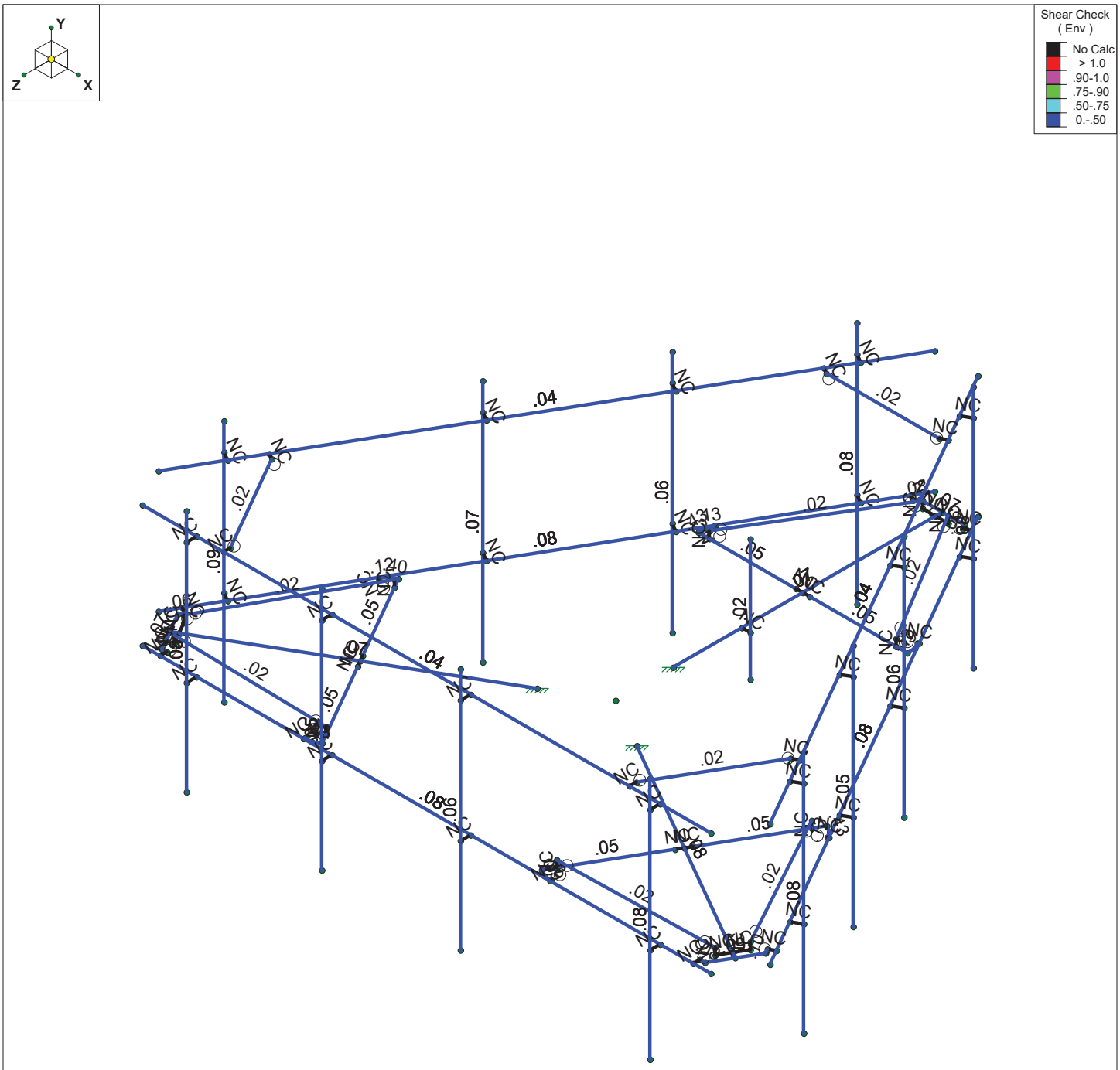
Envelope Only Solution

Maser Consulting	Mount Fix	SK - 1
NL		Oct 25, 2021 at 7:26 AM
21781064A		468184-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting	Mount Fix	SK - 2
NL		Oct 25, 2021 at 7:27 AM
21781064A		468184-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting	Mount Fix	SK - 3
NL		Oct 25, 2021 at 7:27 AM
21781064A		468184-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Grav...	Y Grav...	Z Grav...	Joint	Point	Distrib...	Area(M...	Surfac...
1	Antenna D	None					111			
2	Antenna Di	None					111			
3	Antenna Wo (0 Deg)	None					111			
4	Antenna Wo (30 Deg)	None					111			
5	Antenna Wo (60 Deg)	None					111			
6	Antenna Wo (90 Deg)	None					111			
7	Antenna Wo (120 Deg)	None					111			
8	Antenna Wo (150 Deg)	None					111			
9	Antenna Wo (180 Deg)	None					111			
10	Antenna Wo (210 Deg)	None					111			
11	Antenna Wo (240 Deg)	None					111			
12	Antenna Wo (270 Deg)	None					111			
13	Antenna Wo (300 Deg)	None					111			
14	Antenna Wo (330 Deg)	None					111			
15	Antenna Wi (0 Deg)	None					111			
16	Antenna Wi (30 Deg)	None					111			
17	Antenna Wi (60 Deg)	None					111			
18	Antenna Wi (90 Deg)	None					111			
19	Antenna Wi (120 Deg)	None					111			
20	Antenna Wi (150 Deg)	None					111			
21	Antenna Wi (180 Deg)	None					111			
22	Antenna Wi (210 Deg)	None					111			
23	Antenna Wi (240 Deg)	None					111			
24	Antenna Wi (270 Deg)	None					111			
25	Antenna Wi (300 Deg)	None					111			
26	Antenna Wi (330 Deg)	None					111			
27	Antenna Wm (0 Deg)	None					111			
28	Antenna Wm (30 Deg)	None					111			
29	Antenna Wm (60 Deg)	None					111			
30	Antenna Wm (90 Deg)	None					111			
31	Antenna Wm (120 Deg)	None					111			
32	Antenna Wm (150 Deg)	None					111			
33	Antenna Wm (180 Deg)	None					111			
34	Antenna Wm (210 Deg)	None					111			
35	Antenna Wm (240 Deg)	None					111			
36	Antenna Wm (270 Deg)	None					111			
37	Antenna Wm (300 Deg)	None					111			
38	Antenna Wm (330 Deg)	None					111			
39	Structure D	None		-1					3	
40	Structure Di	None						58	3	
41	Structure Wo (0 Deg)	None						116		
42	Structure Wo (30 Deg)	None						116		
43	Structure Wo (60 Deg)	None						116		
44	Structure Wo (90 Deg)	None						116		
45	Structure Wo (120 Deg)	None						116		
46	Structure Wo (150 Deg)	None						116		
47	Structure Wo (180 Deg)	None						116		
48	Structure Wo (210 Deg)	None						116		
49	Structure Wo (240 Deg)	None						116		
50	Structure Wo (270 Deg)	None						116		
51	Structure Wo (300 Deg)	None						116		
52	Structure Wo (330 Deg)	None						116		
53	Structure Wi (0 Deg)	None						116		
54	Structure Wi (30 Deg)	None						116		
55	Structure Wi (60 Deg)	None						116		
56	Structure Wi (90 Deg)	None						116		

Basic Load Cases (Continued)

	BLC Description	Category	X Grav...	Y Grav...	Z Grav...	Joint	Point	Distrib...	Area(M...	Surfac...
57	Structure Wi (120 Deg)	None						116		
58	Structure Wi (150 Deg)	None						116		
59	Structure Wi (180 Deg)	None						116		
60	Structure Wi (210 Deg)	None						116		
61	Structure Wi (240 Deg)	None						116		
62	Structure Wi (270 Deg)	None						116		
63	Structure Wi (300 Deg)	None						116		
64	Structure Wi (330 Deg)	None						116		
65	Structure Wm (0 Deg)	None						116		
66	Structure Wm (30 Deg)	None						116		
67	Structure Wm (60 Deg)	None						116		
68	Structure Wm (90 Deg)	None						116		
69	Structure Wm (120 Deg)	None						116		
70	Structure Wm (150 Deg)	None						116		
71	Structure Wm (180 Deg)	None						116		
72	Structure Wm (210 Deg)	None						116		
73	Structure Wm (240 Deg)	None						116		
74	Structure Wm (270 Deg)	None						116		
75	Structure Wm (300 Deg)	None						116		
76	Structure Wm (330 Deg)	None						116		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					111			
82	Antenna Eh (0 Deg)	None					74			
83	Antenna Eh (90 Deg)	None					74			
84	Structure Ev	ELY								
85	Structure Eh (0 Deg)	ELZ	-.03							
86	Structure Eh (90 Deg)	ELX			.03					
87	BLC 39 Transient Area Loads	None						30		
88	BLC 40 Transient Area Loads	None						30		

Load Combinations

	Description	Solve	P...	S...	B...	Fa...	B...	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
1	1.2D+1.0Wo (0 Deg)	Yes	Y		1	1.2	39	1.2	3	1	41	1												
2	1.2D+1.0Wo (30 Deg)	Yes	Y		1	1.2	39	1.2	4	1	42	1												
3	1.2D+1.0Wo (60 Deg)	Yes	Y		1	1.2	39	1.2	5	1	43	1												
4	1.2D+1.0Wo (90 Deg)	Yes	Y		1	1.2	39	1.2	6	1	44	1												
5	1.2D+1.0Wo (120 Deg)	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0Wo (150 Deg)	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0Wo (180 Deg)	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0Wo (210 Deg)	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0Wo (240 Deg)	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0Wo (270 Deg)	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0Wo (300 Deg)	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0Wo (330 Deg)	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1.0Di + 1.0Wi (0 ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0Di + 1.0Wi (3...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0Di + 1.0Wi (6...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + 1.0Wi (9...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + 1.0Wi (1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0Di + 1.0Wi (1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0Wi (1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0Wi (2...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								

Load Combinations (Continued)

	Description	Solve	P...	S...	B...	Fa...	B...	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
21	1.2D + 1.0Di + 1.0Wi (2...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1.0Wi (2...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0Wi (3...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0Wi (3...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	1.2D + 1.0Ev + 1.0Eh (0...		Y		1	1.2	39	1.2	81	1	E...	1	82	1	83		ELZ	1	E...					
53	1.2D + 1.0Ev + 1.0Eh (3...		Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	.5	ELZ	.866	E...	.5				
54	1.2D + 1.0Ev + 1.0Eh (6...		Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	.866	ELZ	.5	E...	.866				
55	1.2D + 1.0Ev + 1.0Eh (9...		Y		1	1.2	39	1.2	81	1	E...	1	82		83	1	ELZ		E...	1				
56	1.2D + 1.0Ev + 1.0Eh (1...		Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	.866	ELZ	-.5	E...	.866				
57	1.2D + 1.0Ev + 1.0Eh (1...		Y		1	1.2	39	1.2	81	1	E...	1	82	-.866	83	.5	ELZ	-.866	E...	.5				
58	1.2D + 1.0Ev + 1.0Eh (1...		Y		1	1.2	39	1.2	81	1	E...	1	82	-1	83		ELZ	-1	E...					
59	1.2D + 1.0Ev + 1.0Eh (2...		Y		1	1.2	39	1.2	81	1	E...	1	82	-.866	83	-.5	ELZ	-.866	E...	-.5				
60	1.2D + 1.0Ev + 1.0Eh (2...		Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	-.866	ELZ	-.5	E...	-.866				
61	1.2D + 1.0Ev + 1.0Eh (2...		Y		1	1.2	39	1.2	81	1	E...	1	82		83	-1	ELZ		E...	-1				
62	1.2D + 1.0Ev + 1.0Eh (3...		Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	-.866	ELZ	.5	E...	-.866				
63	1.2D + 1.0Ev + 1.0Eh (3...		Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	-.5	ELZ	.866	E...	-.5				
64	0.9D - 1.0Ev + 1.0Eh (0 ...		Y		1	.9	39	.9	81	-1	E...	-1	82	1	83		ELZ	1	E...					
65	0.9D - 1.0Ev + 1.0Eh (3...		Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	.5	ELZ	.866	E...	.5				
66	0.9D - 1.0Ev + 1.0Eh (6...		Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	.866	ELZ	.5	E...	.866				
67	0.9D - 1.0Ev + 1.0Eh (9...		Y		1	.9	39	.9	81	-1	E...	-1	82		83	1	ELZ		E...	1				
68	0.9D - 1.0Ev + 1.0Eh (1...		Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	.866	ELZ	-.5	E...	.866				
69	0.9D - 1.0Ev + 1.0Eh (1...		Y		1	.9	39	.9	81	-1	E...	-1	82	-.866	83	.5	ELZ	-.866	E...	.5				
70	0.9D - 1.0Ev + 1.0Eh (1...		Y		1	.9	39	.9	81	-1	E...	-1	82	-1	83		ELZ	-1	E...					
71	0.9D - 1.0Ev + 1.0Eh (2...		Y		1	.9	39	.9	81	-1	E...	-1	82	-.866	83	-.5	ELZ	-.866	E...	-.5				
72	0.9D - 1.0Ev + 1.0Eh (2...		Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	-.866	ELZ	-.5	E...	-.866				
73	0.9D - 1.0Ev + 1.0Eh (2...		Y		1	.9	39	.9	81	-1	E...	-1	82		83	-1	ELZ		E...	-1				
74	0.9D - 1.0Ev + 1.0Eh (3...		Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	-.866	ELZ	.5	E...	-.866				
75	0.9D - 1.0Ev + 1.0Eh (3...		Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	-.5	ELZ	.866	E...	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	CP	0	0	0	0	
2	N36	-6.999996	0	4.658016	0	
3	N53A	6.999996	0	4.658016	0	
4	N112A	0.	0	-1.416664	0	
5	N113A	-0.	0	-4.607031	0	
6	N114	-0.	0	-8.041747	0	
7	N115	-2.572908	0	-4.607034	0	
8	N116A	2.299372	0.166667	-4.607034	0	
9	N117	-2.299368	0.166667	-4.607034	0	
10	N119	2.299372	0	-4.607034	0	
11	N120B	-2.299368	0	-4.607034	0	
12	N121	0.316678	0.166667	-7.874488	0	
13	N122	-0.315987	0.166667	-7.875678	0	
14	N123	0.317021	0	-7.875084	0	
15	N124A	-0.31633	0	-7.875084	0	
16	N125	2.572911	0	-4.607034	0	
17	N126	-0.166665	0	-4.607034	0	
18	N127	0.166669	0	-4.607034	0	
19	N128	0.546877	0	-8.04175	0	
20	N129	-0.546873	0	-8.04175	0	
21	N130	-2.572908	0	-4.794534	0	
22	N131	2.572911	0	-4.794534	0	
23	N132	-2.489574	0	-4.938872	0	
24	N133	-2.517759	0	-4.955144	0	
25	N134	-0.609373	0	-7.933497	0	
26	N135	-0.750998	0	-8.015264	0	
27	N136	2.489578	0	-4.938872	0	
28	N137	2.517763	0	-4.955144	0	
29	N138	0.609377	0	-7.933497	0	
30	N139	0.751002	0	-8.015264	0	
31	N95	5.749996	0	4.658016	0	
32	N97	1.083329	0	4.658016	0	
33	N99A	-2.333337	0	4.658016	0	
34	N101A	-5.66667	0	4.658016	0	
35	N103A	5.749996	0	4.908016	0	
36	N105A	1.083329	0	4.908016	0	
37	N107A	-2.333337	0	4.908016	0	
38	N109A	-5.66667	0	4.908016	0	
39	N111A	5.749996	3.666667	4.908016	0	
40	N112B	1.083329	3.666667	4.908016	0	
41	N113B	-2.333337	3.666667	4.908016	0	
42	N114A	-5.66667	3.666667	4.908016	0	
43	N115A	5.749996	-2.333333	4.908016	0	
44	N116B	1.083329	-2.333333	4.908016	0	
45	N117A	-2.333337	-2.333333	4.908016	0	
46	N118	-5.66667	-2.333333	4.908016	0	
47	N167	-0.	0	-3.107031	0	
48	N168	0.208333	2	-3.107031	0	
49	N169	0.208333	-1	-3.107031	0	
50	N170	0.208333	0	-3.107031	0	
51	N155A	0.	0	-7.875084	0	
52	N52	7.533958	0	3.733167	0	
53	N53	0.533962	0	-8.391182	0	
54	N54	-1.226867	0	0.708332	0	
55	N55	-3.989806	0	2.303515	0	
56	N56	-6.964357	0	4.020873	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
57	N57	-2.703355	0	4.53172	0	
58	N58	-5.139494	0.166667	0.312203	0	
59	N59	-2.840125	0.166667	4.294828	0	
60	N60	-5.139494	0	0.312203	0	
61	N61	-2.840125	0	4.294828	0	
62	N62	-6.977846	0.166667	3.662993	0	
63	N63	-6.662543	0.166667	4.211492	0	
64	N64	-6.978533	0	3.662993	0	
65	N65	-6.661857	0	4.211492	0	
66	N66	-5.276264	0	0.07531	0	
67	N67	-3.906476	0	2.447853	0	
68	N68	-4.073143	0	2.159178	0	
69	N69	-7.237798	0	3.547266	0	
70	N70	-6.690923	0	4.494481	0	
71	N71	-2.865735	0	4.62547	0	
72	N72	-5.438644	0	0.16906	0	
73	N73	-3.032401	0	4.62547	0	
74	N74	-3.032401	0	4.658016	0	
75	N75	-6.565923	0	4.494481	0	
76	N76	-6.565923	0	4.658016	0	
77	N77	-5.521977	0	0.313398	0	
78	N78	-5.550162	0	0.297125	0	
79	N79	-7.175298	0	3.439013	0	
80	N80	-7.316924	0	3.357245	0	
81	N81	1.158962	0	-7.30865	0	
82	N84	6.867295	0	2.578473	0	
83	N85	1.375468	0	-7.43365	0	
84	N88	7.083802	0	2.453473	0	
85	N89	1.375468	3.666667	-7.43365	0	
86	N92	7.083802	3.666667	2.453473	0	
87	N93	1.375468	-2.333333	-7.43365	0	
88	N96	7.083802	-2.333333	2.453473	0	
89	N97A	-6.820022	0	3.937542	0	
90	N98	-0.533962	0	-8.391182	0	
91	N99	-7.533958	0	3.733167	0	
92	N100	1.226867	0	0.708332	0	
93	N101	3.989806	0	2.303515	0	
94	N102	6.964357	0	4.020873	0	
95	N103	5.276262	0	0.075314	0	
96	N104	2.840123	0.166667	4.294831	0	
97	N105	5.139492	0.166667	0.312206	0	
98	N106	2.840123	0	4.294831	0	
99	N107	5.139492	0	0.312206	0	
100	N108	6.661168	0.166667	4.211495	0	
101	N109	6.97853	0.166667	3.664186	0	
102	N110	6.661512	0	4.21209	0	
103	N111	6.978187	0	3.663592	0	
104	N112	2.703353	0	4.531724	0	
105	N113	4.073141	0	2.159181	0	
106	N114B	3.906474	0	2.447856	0	
107	N115B	6.690921	0	4.494484	0	
108	N116	7.237796	0	3.547269	0	
109	N117B	5.438642	0	0.169064	0	
110	N118A	2.865733	0	4.625474	0	
111	N119A	5.521975	0	0.313401	0	
112	N120	5.550161	0	0.297129	0	
113	N121A	7.175296	0	3.439016	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
114	N122A	7.316922	0	3.357249	0	
115	N123A	3.032399	0	4.625474	0	
116	N124	3.032399	0	4.658019	0	
117	N125A	6.565921	0	4.494484	0	
118	N126A	6.565921	0	4.658019	0	
119	N127A	-6.908958	0	2.650635	0	
120	N130A	-1.200625	0	-7.236488	0	
121	N131A	-7.125464	0	2.525635	0	
122	N134A	-1.417131	0	-7.361488	0	
123	N135A	-7.125464	3.666667	2.525635	0	
124	N138A	-1.417131	3.666667	-7.361488	0	
125	N139A	-7.125464	-2.333333	2.525635	0	
126	N142	-1.417131	-2.333333	-7.361488	0	
127	N143	6.820022	0	3.937542	0	
128	N144	-6.999996	3	4.658016	0	
129	N145	6.999996	3	4.658016	0	
130	N146	5.749996	3	4.658016	0	
131	N147	1.083329	3	4.658016	0	
132	N148	-2.333337	3	4.658016	0	
133	N149	-5.66667	3	4.658016	0	
134	N150	5.749996	3	4.908016	0	
135	N151	1.083329	3	4.908016	0	
136	N152	-2.333337	3	4.908016	0	
137	N153	-5.66667	3	4.908016	0	
138	N154	7.533958	3	3.733167	0	
139	N155	0.533962	3	-8.391182	0	
140	N156	1.158962	3	-7.30865	0	
141	N158	6.867295	3	2.578473	0	
142	N159	1.375468	3	-7.43365	0	
143	N161	7.083802	3	2.453473	0	
144	N162	-0.533962	3	-8.391182	0	
145	N163	-7.533958	3	3.733167	0	
146	N164	-6.908958	3	2.650635	0	
147	N166	-1.200625	3	-7.236488	0	
148	N167A	-7.125464	3	2.525635	0	
149	N169A	-1.417131	3	-7.361488	0	
150	N150A	3.492295	0	-3.267199	0	
151	N151A	5.200629	0	-0.308279	0	
152	N152A	3.708802	0	-3.392199	0	
153	N153A	5.417135	0	-0.433279	0	
154	N154A	3.708802	3.666667	-3.392199	0	
155	N155B	5.417135	3.666667	-0.433279	0	
156	N156A	3.708802	-2.333333	-3.392199	0	
157	N157	5.417135	-2.333333	-0.433279	0	
158	N158A	3.492295	3	-3.267199	0	
159	N159A	5.200629	3	-0.308279	0	
160	N160	3.708802	3	-3.392199	0	
161	N161A	5.417135	3	-0.433279	0	
162	N162A	-4.575625	0	-1.390817	0	
163	N163A	-2.867291	0	-4.349737	0	
164	N164A	-4.792131	0	-1.515817	0	
165	N165	-3.083798	0	-4.474737	0	
166	N166A	-4.792131	3.666667	-1.515817	0	
167	N167B	-3.083798	3.666667	-4.474737	0	
168	N168A	-4.792131	-2.333333	-1.515817	0	
169	N169B	-3.083798	-2.333333	-4.474737	0	
170	N170A	-4.575625	3	-1.390817	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
171	N171	-2.867291	3	-4.349737	0	
172	N172	-4.792131	3	-1.515817	0	
173	N173	-3.083798	3	-4.474737	0	
174	N174	-4.999996	3	4.658016	0	
175	N175	-4.999996	3	4.491349	0	
176	N176	4.999996	3	4.658016	0	
177	N177	4.999996	3	4.491349	0	
178	N178	6.533958	3	2.001116	0	
179	N179	6.38962	3	2.084449	0	
180	N180	1.533962	3	-6.659131	0	
181	N181	1.389624	3	-6.575798	0	
182	N182	-1.533962	3	-6.659131	0	
183	N183	-1.389624	3	-6.575798	0	
184	N184	-6.533958	3	2.001116	0	
185	N185	-6.38962	3	2.084449	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2x6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
4	Platform Crossme...	HSS4X4X3	Beam	SquareTube	A500 Gr.B Rect	Typical	2.58	6.21	6.21	10
5	Grating Support	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
6	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	Support Rail	PIPE_2.5	Beam	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
9	Support Rail Corner	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
10	Support Brace	L2.5x2.5x4	Column	Single Angle	A36 Gr.36	Typical	1.19	.692	.692	.026

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1...	Density[k/ft...	Yield[ksi]	Ry	Fu[ksi]	Rt
1	A992	29000	11154	.3	.65	.49	50	1.1	65	1.1
2	A36 Gr.36	29000	11154	.3	.65	.49	36	1.5	58	1.2
3	A572 Gr.50	29000	11154	.3	.65	.49	50	1.1	65	1.1
4	A500 Gr.B RND	29000	11154	.3	.65	.527	42	1.4	58	1.3
5	A500 Gr.B Rect	29000	11154	.3	.65	.527	46	1.4	58	1.3
6	A53 Gr.B	29000	11154	.3	.65	.49	35	1.6	60	1.2
7	A1085	29000	11154	.3	.65	.49	50	1.4	65	1.3
8	Q235	29000	11154	.3	.65	.49	35	1.5	58	1.2

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M20	N53A	N36			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M72A	N112A	N114			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
3	M73	N125	N127			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
4	M74	N126	N115			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
5	M75	N129	N128			Corner Plate	Beam	BAR	A36 Gr.36	Typical
6	M76	N117	N120B			RIGID	None	None	RIGID	Typical
7	M77	N116A	N119			RIGID	None	None	RIGID	Typical
8	M78	N121	N116A			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
9	M79	N117	N122			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
10	M80	N122	N124A			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
11	M81	N121	N123			RIGID	None	None	RIGID	Typical
12	M82	N126	N113A			RIGID	None	None	RIGID	Typical
13	M83	N113A	N127			RIGID	None	None	RIGID	Typical
14	M84	N115	N130			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
15	M85	N130	N132			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
16	M86A	N132	N133			RIGID	None	None	RIGID	Typical
17	M87A	N129	N134			Corner Plate	Beam	BAR	A36 Gr.36	Typical
18	M88	N134	N135			RIGID	None	None	RIGID	Typical
19	M89A	N125	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
20	M90A	N131	N136			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
21	M91	N136	N137			RIGID	None	None	RIGID	Typical
22	M92	N128	N138			Corner Plate	Beam	BAR	A36 Gr.36	Typical
23	M93A	N138	N139			RIGID	None	None	RIGID	Typical
24	M77A	N95	N103A			RIGID	None	None	RIGID	Typical
25	M78A	N97	N105A			RIGID	None	None	RIGID	Typical
26	M79A	N99A	N107A			RIGID	None	None	RIGID	Typical
27	M80A	N101A	N109A			RIGID	None	None	RIGID	Typical
28	MP4A	N114A	N118			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
29	MP3A	N113B	N117A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
30	MP2A	N112B	N116B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
31	MP1A	N111A	N115A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
32	OVP	N168	N169			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
33	M110	N167	N170			RIGID	None	None	RIGID	Typical
34	M99A	N124A	N155A			RIGID	None	None	RIGID	Typical
35	M100A	N155A	N123			RIGID	None	None	RIGID	Typical
36	M36	N53	N52			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
37	M37	N54	N56			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
38	M38	N66	N68			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
39	M39	N67	N57			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
40	M40	N70	N69			Corner Plate	Beam	BAR	A36 Gr.36	Typical
41	M41	N59	N61			RIGID	None	None	RIGID	Typical
42	M42	N58	N60			RIGID	None	None	RIGID	Typical
43	M43	N62	N58			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
44	M44	N59	N63			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
45	M45	N63	N65			RIGID	None	None	RIGID	Typical
46	M46	N62	N64			RIGID	None	None	RIGID	Typical
47	M47	N67	N55			RIGID	None	None	RIGID	Typical
48	M48	N55	N68			RIGID	None	None	RIGID	Typical
49	M49	N57	N71			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
50	M50	N71	N73			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
51	M51	N73	N74			RIGID	None	None	RIGID	Typical
52	M52	N70	N75			Corner Plate	Beam	BAR	A36 Gr.36	Typical
53	M53	N75	N76			RIGID	None	None	RIGID	Typical
54	M54	N66	N72			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
55	M55	N72	N77			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
56	M56	N77	N78			RIGID	None	None	RIGID	Typical
57	M57	N69	N79			Corner Plate	Beam	BAR	A36 Gr.36	Typical
58	M58	N79	N80			RIGID	None	None	RIGID	Typical
59	M59	N81	N85			RIGID	None	None	RIGID	Typical
60	M62	N84	N88			RIGID	None	None	RIGID	Typical
61	MP4C	N92	N96			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
62	MP1C	N89	N93			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
63	M67	N65	N97A			RIGID	None	None	RIGID	Typical
64	M68	N97A	N64			RIGID	None	None	RIGID	Typical
65	M69	N99	N98			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
66	M70	N100	N102			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
67	M71	N112	N114B			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
68	M72	N113	N103			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
69	M73A	N116	N115B			Corner Plate	Beam	BAR	A36 Gr.36	Typical
70	M74A	N105	N107			RIGID	None	None	RIGID	Typical
71	M75A	N104	N106			RIGID	None	None	RIGID	Typical
72	M76A	N108	N104			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
73	M77B	N105	N109			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
74	M78B	N109	N111			RIGID	None	None	RIGID	Typical
75	M79B	N108	N110			RIGID	None	None	RIGID	Typical
76	M80B	N113	N101			RIGID	None	None	RIGID	Typical
77	M81B	N101	N114B			RIGID	None	None	RIGID	Typical
78	M82B	N103	N117B			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
79	M83B	N117B	N119A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
80	M84B	N119A	N120			RIGID	None	None	RIGID	Typical
81	M85A	N116	N121A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
82	M86	N121A	N122A			RIGID	None	None	RIGID	Typical
83	M87	N112	N118A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
84	M88A	N118A	N123A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
85	M89	N123A	N124			RIGID	None	None	RIGID	Typical
86	M90	N115B	N125A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
87	M91A	N125A	N126A			RIGID	None	None	RIGID	Typical
88	M92A	N127A	N131A			RIGID	None	None	RIGID	Typical
89	M95	N130A	N134A			RIGID	None	None	RIGID	Typical
90	MP4B	N138A	N142			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
91	MP1B	N135A	N139A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
92	M100	N111	N143			RIGID	None	None	RIGID	Typical
93	M101	N143	N110			RIGID	None	None	RIGID	Typical
94	M102	N145	N144			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
95	M103	N146	N150			RIGID	None	None	RIGID	Typical
96	M104	N147	N151			RIGID	None	None	RIGID	Typical
97	M105	N148	N152			RIGID	None	None	RIGID	Typical
98	M106	N149	N153			RIGID	None	None	RIGID	Typical
99	M107	N155	N154			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
100	M108	N156	N159			RIGID	None	None	RIGID	Typical
101	M110A	N158	N161			RIGID	None	None	RIGID	Typical
102	M111	N163	N162			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
103	M112	N164	N167A			RIGID	None	None	RIGID	Typical
104	M114	N166	N169A			RIGID	None	None	RIGID	Typical
105	M105A	N150A	N152A			RIGID	None	None	RIGID	Typical
106	M106A	N151A	N153A			RIGID	None	None	RIGID	Typical
107	MP3C	N155B	N157			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
108	MP2C	N154A	N156A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
109	M109	N158A	N160			RIGID	None	None	RIGID	Typical
110	M110B	N159A	N161A			RIGID	None	None	RIGID	Typical
111	M111A	N162A	N164A			RIGID	None	None	RIGID	Typical
112	M112A	N163A	N165			RIGID	None	None	RIGID	Typical
113	MP3B	N167B	N169B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
114	MP2B	N166A	N168A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
115	M115	N170A	N172			RIGID	None	None	RIGID	Typical
116	M116	N171	N173			RIGID	None	None	RIGID	Typical
117	M117	N174	N175			RIGID	None	None	RIGID	Typical
118	M118	N176	N177			RIGID	None	None	RIGID	Typical
119	M119	N178	N179			RIGID	None	None	RIGID	Typical
120	M120	N180	N181			RIGID	None	None	RIGID	Typical
121	M121	N182	N183			RIGID	None	None	RIGID	Typical
122	M122	N184	N185			RIGID	None	None	RIGID	Typical
123	M123	N175	N185		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
124	M124	N183	N181		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
125	M125	N179	N177		90	Support Rail C..	Beam	Single Angle	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	M20						Yes				None
2	M72A						Yes	Default			None
3	M73						Yes				None
4	M74						Yes				None
5	M75						Yes				None
6	M76						Yes	** NA **			None
7	M77						Yes	** NA **			None
8	M78	OOOOOX	OOOOOX				Yes				None
9	M79	OOOOOX	OOOOOX				Yes				None
10	M80						Yes	** NA **			None
11	M81						Yes	** NA **			None
12	M82						Yes	** NA **			None
13	M83						Yes	** NA **			None
14	M84						Yes	** NA **			None
15	M85						Yes	** NA **			None
16	M86A		BenPIN				Yes	** NA **			None
17	M87A						Yes				None
18	M88		BenPIN				Yes	** NA **			None
19	M89A						Yes	** NA **			None
20	M90A						Yes	** NA **			None
21	M91		BenPIN				Yes	** NA **			None
22	M92						Yes				None
23	M93A		BenPIN				Yes	** NA **			None
24	M77A						Yes	** NA **			None
25	M78A						Yes	** NA **			None
26	M79A						Yes	** NA **			None
27	M80A						Yes	** NA **			None
28	MP4A						Yes	** NA **			None
29	MP3A						Yes	** NA **			None
30	MP2A						Yes	** NA **			None
31	MP1A						Yes	** NA **			None
32	OVP						Yes	** NA **			None
33	M110						Yes	** NA **			None
34	M99A						Yes	** NA **			None
35	M100A						Yes	** NA **			None
36	M36						Yes				None
37	M37						Yes	Default			None
38	M38						Yes				None
39	M39						Yes				None
40	M40						Yes				None
41	M41						Yes	** NA **			None
42	M42						Yes	** NA **			None
43	M43	OOOOOX	OOOOOX				Yes				None
44	M44	OOOOOX	OOOOOX				Yes				None
45	M45						Yes	** NA **			None
46	M46						Yes	** NA **			None
47	M47						Yes	** NA **			None
48	M48						Yes	** NA **			None
49	M49						Yes	** NA **			None
50	M50						Yes	** NA **			None
51	M51		BenPIN				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...
52	M52						Yes				None
53	M53		BenPIN				Yes	** NA **			None
54	M54						Yes	** NA **			None
55	M55						Yes	** NA **			None
56	M56		BenPIN				Yes	** NA **			None
57	M57						Yes				None
58	M58		BenPIN				Yes	** NA **			None
59	M59						Yes	** NA **			None
60	M62						Yes	** NA **			None
61	MP4C						Yes	** NA **			None
62	MP1C						Yes	** NA **			None
63	M67						Yes	** NA **			None
64	M68						Yes	** NA **			None
65	M69						Yes				None
66	M70						Yes	Default			None
67	M71						Yes				None
68	M72						Yes				None
69	M73A						Yes				None
70	M74A						Yes	** NA **			None
71	M75A						Yes	** NA **			None
72	M76A	OOOOOX	OOOOOX				Yes				None
73	M77B	OOOOOX	OOOOOX				Yes				None
74	M78B						Yes	** NA **			None
75	M79B						Yes	** NA **			None
76	M80B						Yes	** NA **			None
77	M81B						Yes	** NA **			None
78	M82B						Yes	** NA **			None
79	M83B						Yes	** NA **			None
80	M84B		BenPIN				Yes	** NA **			None
81	M85A						Yes				None
82	M86		BenPIN				Yes	** NA **			None
83	M87						Yes	** NA **			None
84	M88A						Yes	** NA **			None
85	M89		BenPIN				Yes	** NA **			None
86	M90						Yes				None
87	M91A		BenPIN				Yes	** NA **			None
88	M92A						Yes	** NA **			None
89	M95						Yes	** NA **			None
90	MP4B						Yes	** NA **			None
91	MP1B						Yes	** NA **			None
92	M100						Yes	** NA **			None
93	M101						Yes	** NA **			None
94	M102						Yes				None
95	M103						Yes	** NA **			None
96	M104						Yes	** NA **			None
97	M105						Yes	** NA **			None
98	M106						Yes	** NA **			None
99	M107						Yes				None
100	M108						Yes	** NA **			None
101	M110A						Yes	** NA **			None
102	M111						Yes				None
103	M112						Yes	** NA **			None
104	M114						Yes	** NA **			None
105	M105A						Yes	** NA **			None
106	M106A						Yes	** NA **			None
107	MP3C						Yes	** NA **			None
108	MP2C						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...
109	M109						Yes	** NA **			None
110	M110B						Yes	** NA **			None
111	M111A						Yes	** NA **			None
112	M112A						Yes	** NA **			None
113	MP3B						Yes	** NA **			None
114	MP2B						Yes	** NA **			None
115	M115						Yes	** NA **			None
116	M116						Yes	** NA **			None
117	M117	OOOOOX					Yes	** NA **			None
118	M118	OOOOOX					Yes	** NA **			None
119	M119	OOOOOX					Yes	** NA **			None
120	M120	OOOOOX					Yes	** NA **			None
121	M121	OOOOOX					Yes	** NA **			None
122	M122	OOOOOX					Yes	** NA **			None
123	M123						Yes				None
124	M124						Yes				None
125	M125						Yes				None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	Y	-10.5	.25
2	MP1A	My	-.005	.25
3	MP1A	Mz	0	.25
4	MP1A	Y	-10.5	5.75
5	MP1A	My	-.005	5.75
6	MP1A	Mz	0	5.75
7	MP1B	Y	-10.5	.25
8	MP1B	My	.005	.25
9	MP1B	Mz	-.002	.25
10	MP1B	Y	-10.5	5.75
11	MP1B	My	.005	5.75
12	MP1B	Mz	-.002	5.75
13	MP1C	Y	-10.5	.25
14	MP1C	My	.002	.25
15	MP1C	Mz	.005	.25
16	MP1C	Y	-10.5	5.75
17	MP1C	My	.002	5.75
18	MP1C	Mz	.005	5.75
19	MP4A	Y	-10.5	.25
20	MP4A	My	-.005	.25
21	MP4A	Mz	0	.25
22	MP4A	Y	-10.5	5.75
23	MP4A	My	-.005	5.75
24	MP4A	Mz	0	5.75
25	MP4B	Y	-10.5	.25
26	MP4B	My	.005	.25
27	MP4B	Mz	-.002	.25
28	MP4B	Y	-10.5	5.75
29	MP4B	My	.005	5.75
30	MP4B	Mz	-.002	5.75
31	MP4C	Y	-10.5	.25
32	MP4C	My	.002	.25
33	MP4C	Mz	.005	.25
34	MP4C	Y	-10.5	5.75
35	MP4C	My	.002	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
36	MP4C	Mz	.005	5.75
37	MP2A	Y	-20	.5
38	MP2A	My	-.01	.5
39	MP2A	Mz	.011	.5
40	MP2A	Y	-20	5.5
41	MP2A	My	-.01	5.5
42	MP2A	Mz	.011	5.5
43	MP2B	Y	-20	.5
44	MP2B	My	.006	.5
45	MP2B	Mz	-.014	.5
46	MP2B	Y	-20	5.5
47	MP2B	My	.006	5.5
48	MP2B	Mz	-.014	5.5
49	MP2C	Y	-20	.5
50	MP2C	My	.014	.5
51	MP2C	Mz	.006	.5
52	MP2C	Y	-20	5.5
53	MP2C	My	.014	5.5
54	MP2C	Mz	.006	5.5
55	MP2A	Y	-20	.5
56	MP2A	My	-.01	.5
57	MP2A	Mz	-.011	.5
58	MP2A	Y	-20	5.5
59	MP2A	My	-.01	5.5
60	MP2A	Mz	-.011	5.5
61	MP2B	Y	-20	.5
62	MP2B	My	.013	.5
63	MP2B	Mz	.007	.5
64	MP2B	Y	-20	5.5
65	MP2B	My	.013	5.5
66	MP2B	Mz	.007	5.5
67	MP2C	Y	-20	.5
68	MP2C	My	-.007	.5
69	MP2C	Mz	.013	.5
70	MP2C	Y	-20	5.5
71	MP2C	My	-.007	5.5
72	MP2C	Mz	.013	5.5
73	MP3A	Y	-43.55	2
74	MP3A	My	-.022	2
75	MP3A	Mz	0	2
76	MP3A	Y	-43.55	4
77	MP3A	My	-.022	4
78	MP3A	Mz	0	4
79	MP3B	Y	-43.55	2
80	MP3B	My	.02	2
81	MP3B	Mz	-.007	2
82	MP3B	Y	-43.55	4
83	MP3B	My	.02	4
84	MP3B	Mz	-.007	4
85	MP3C	Y	-43.55	2
86	MP3C	My	.007	2
87	MP3C	Mz	.02	2
88	MP3C	Y	-43.55	4
89	MP3C	My	.007	4
90	MP3C	Mz	.02	4
91	MP1A	Y	-74.7	2
92	MP1A	My	.025	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
93	MP1A	Mz	0	2
94	MP1B	Y	-74.7	2
95	MP1B	My	-.012	2
96	MP1B	Mz	.022	2
97	MP1C	Y	-74.7	2
98	MP1C	My	-.012	2
99	MP1C	Mz	-.022	2
100	MP2A	Y	-70.3	2
101	MP2A	My	.023	2
102	MP2A	Mz	0	2
103	MP2B	Y	-70.3	2
104	MP2B	My	-.012	2
105	MP2B	Mz	.02	2
106	MP2C	Y	-70.3	2
107	MP2C	My	-.012	2
108	MP2C	Mz	-.02	2
109	OVP	Y	-32	1
110	OVP	My	.011	1
111	OVP	Mz	0	1

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	Y	-58.782	.25
2	MP1A	My	-.029	.25
3	MP1A	Mz	0	.25
4	MP1A	Y	-58.782	5.75
5	MP1A	My	-.029	5.75
6	MP1A	Mz	0	5.75
7	MP1B	Y	-58.782	.25
8	MP1B	My	.028	.25
9	MP1B	Mz	-.01	.25
10	MP1B	Y	-58.782	5.75
11	MP1B	My	.028	5.75
12	MP1B	Mz	-.01	5.75
13	MP1C	Y	-58.782	.25
14	MP1C	My	.01	.25
15	MP1C	Mz	.028	.25
16	MP1C	Y	-58.782	5.75
17	MP1C	My	.01	5.75
18	MP1C	Mz	.028	5.75
19	MP4A	Y	-58.782	.25
20	MP4A	My	-.029	.25
21	MP4A	Mz	0	.25
22	MP4A	Y	-58.782	5.75
23	MP4A	My	-.029	5.75
24	MP4A	Mz	0	5.75
25	MP4B	Y	-58.782	.25
26	MP4B	My	.028	.25
27	MP4B	Mz	-.01	.25
28	MP4B	Y	-58.782	5.75
29	MP4B	My	.028	5.75
30	MP4B	Mz	-.01	5.75
31	MP4C	Y	-58.782	.25
32	MP4C	My	.01	.25
33	MP4C	Mz	.028	.25
34	MP4C	Y	-58.782	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
35	MP4C	My	.01	5.75
36	MP4C	Mz	.028	5.75
37	MP2A	Y	-60.597	.5
38	MP2A	My	-.03	.5
39	MP2A	Mz	.033	.5
40	MP2A	Y	-60.597	5.5
41	MP2A	My	-.03	5.5
42	MP2A	Mz	.033	5.5
43	MP2B	Y	-60.597	.5
44	MP2B	My	.017	.5
45	MP2B	Mz	-.041	.5
46	MP2B	Y	-60.597	5.5
47	MP2B	My	.017	5.5
48	MP2B	Mz	-.041	5.5
49	MP2C	Y	-60.597	.5
50	MP2C	My	.041	.5
51	MP2C	Mz	.017	.5
52	MP2C	Y	-60.597	5.5
53	MP2C	My	.041	5.5
54	MP2C	Mz	.017	5.5
55	MP2A	Y	-60.597	.5
56	MP2A	My	-.03	.5
57	MP2A	Mz	-.033	.5
58	MP2A	Y	-60.597	5.5
59	MP2A	My	-.03	5.5
60	MP2A	Mz	-.033	5.5
61	MP2B	Y	-60.597	.5
62	MP2B	My	.04	.5
63	MP2B	Mz	.02	.5
64	MP2B	Y	-60.597	5.5
65	MP2B	My	.04	5.5
66	MP2B	Mz	.02	5.5
67	MP2C	Y	-60.597	.5
68	MP2C	My	-.02	.5
69	MP2C	Mz	.04	.5
70	MP2C	Y	-60.597	5.5
71	MP2C	My	-.02	5.5
72	MP2C	Mz	.04	5.5
73	MP3A	Y	-35.341	2
74	MP3A	My	-.018	2
75	MP3A	Mz	0	2
76	MP3A	Y	-35.341	4
77	MP3A	My	-.018	4
78	MP3A	Mz	0	4
79	MP3B	Y	-35.341	2
80	MP3B	My	.017	2
81	MP3B	Mz	-.006	2
82	MP3B	Y	-35.341	4
83	MP3B	My	.017	4
84	MP3B	Mz	-.006	4
85	MP3C	Y	-35.341	2
86	MP3C	My	.006	2
87	MP3C	Mz	.017	2
88	MP3C	Y	-35.341	4
89	MP3C	My	.006	4
90	MP3C	Mz	.017	4
91	MP1A	Y	-44.551	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
92	MP1A	My	.015	2
93	MP1A	Mz	0	2
94	MP1B	Y	-44.551	2
95	MP1B	My	-.007	2
96	MP1B	Mz	.013	2
97	MP1C	Y	-44.551	2
98	MP1C	My	-.007	2
99	MP1C	Mz	-.013	2
100	MP2A	Y	-42.425	2
101	MP2A	My	.014	2
102	MP2A	Mz	0	2
103	MP2B	Y	-42.425	2
104	MP2B	My	-.007	2
105	MP2B	Mz	.012	2
106	MP2C	Y	-42.425	2
107	MP2C	My	-.007	2
108	MP2C	Mz	-.012	2
109	OVP	Y	-87.251	1
110	OVP	My	.029	1
111	OVP	Mz	0	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	0	.25
2	MP1A	Z	-123.466	.25
3	MP1A	Mx	0	.25
4	MP1A	X	0	5.75
5	MP1A	Z	-123.466	5.75
6	MP1A	Mx	0	5.75
7	MP1B	X	0	.25
8	MP1B	Z	-121.639	.25
9	MP1B	Mx	.021	.25
10	MP1B	X	0	5.75
11	MP1B	Z	-121.639	5.75
12	MP1B	Mx	.021	5.75
13	MP1C	X	0	.25
14	MP1C	Z	-109.677	.25
15	MP1C	Mx	-.052	.25
16	MP1C	X	0	5.75
17	MP1C	Z	-109.677	5.75
18	MP1C	Mx	-.052	5.75
19	MP4A	X	0	.25
20	MP4A	Z	-123.466	.25
21	MP4A	Mx	0	.25
22	MP4A	X	0	5.75
23	MP4A	Z	-123.466	5.75
24	MP4A	Mx	0	5.75
25	MP4B	X	0	.25
26	MP4B	Z	-121.639	.25
27	MP4B	Mx	.021	.25
28	MP4B	X	0	5.75
29	MP4B	Z	-121.639	5.75
30	MP4B	Mx	.021	5.75
31	MP4C	X	0	.25
32	MP4C	Z	-109.677	.25
33	MP4C	Mx	-.052	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
34	MP4C	X	0	5.75
35	MP4C	Z	-109.677	5.75
36	MP4C	Mx	-.052	5.75
37	MP2A	X	0	.5
38	MP2A	Z	-142.905	.5
39	MP2A	Mx	-.077	.5
40	MP2A	X	0	5.5
41	MP2A	Z	-142.905	5.5
42	MP2A	Mx	-.077	5.5
43	MP2B	X	0	.5
44	MP2B	Z	-137.243	.5
45	MP2B	Mx	.093	.5
46	MP2B	X	0	5.5
47	MP2B	Z	-137.243	5.5
48	MP2B	Mx	.093	5.5
49	MP2C	X	0	.5
50	MP2C	Z	-100.166	.5
51	MP2C	Mx	-.029	.5
52	MP2C	X	0	5.5
53	MP2C	Z	-100.166	5.5
54	MP2C	Mx	-.029	5.5
55	MP2A	X	0	.5
56	MP2A	Z	-142.905	.5
57	MP2A	Mx	.077	.5
58	MP2A	X	0	5.5
59	MP2A	Z	-142.905	5.5
60	MP2A	Mx	.077	5.5
61	MP2B	X	0	.5
62	MP2B	Z	-137.243	.5
63	MP2B	Mx	-.046	.5
64	MP2B	X	0	5.5
65	MP2B	Z	-137.243	5.5
66	MP2B	Mx	-.046	5.5
67	MP2C	X	0	.5
68	MP2C	Z	-100.166	.5
69	MP2C	Mx	-.066	.5
70	MP2C	X	0	5.5
71	MP2C	Z	-100.166	5.5
72	MP2C	Mx	-.066	5.5
73	MP3A	X	0	2
74	MP3A	Z	-82.311	2
75	MP3A	Mx	0	2
76	MP3A	X	0	4
77	MP3A	Z	-82.311	4
78	MP3A	Mx	0	4
79	MP3B	X	0	2
80	MP3B	Z	-76.452	2
81	MP3B	Mx	.013	2
82	MP3B	X	0	4
83	MP3B	Z	-76.452	4
84	MP3B	Mx	.013	4
85	MP3C	X	0	2
86	MP3C	Z	-38.083	2
87	MP3C	Mx	-.018	2
88	MP3C	X	0	4
89	MP3C	Z	-38.083	4
90	MP3C	Mx	-.018	4

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
91	MP1A	X	0	2
92	MP1A	Z	-65.498	2
93	MP1A	Mx	0	2
94	MP1B	X	0	2
95	MP1B	Z	-49.211	2
96	MP1B	Mx	-.014	2
97	MP1C	X	0	2
98	MP1C	Z	-49.211	2
99	MP1C	Mx	.014	2
100	MP2A	X	0	2
101	MP2A	Z	-65.498	2
102	MP2A	Mx	0	2
103	MP2B	X	0	2
104	MP2B	Z	-46.256	2
105	MP2B	Mx	-.013	2
106	MP2C	X	0	2
107	MP2C	Z	-46.256	2
108	MP2C	Mx	.013	2
109	OVP	X	0	1
110	OVP	Z	-108.492	1
111	OVP	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	59.781	.25
2	MP1A	Z	-103.544	.25
3	MP1A	Mx	-.03	.25
4	MP1A	X	59.781	5.75
5	MP1A	Z	-103.544	5.75
6	MP1A	Mx	-.03	5.75
7	MP1B	X	57.151	.25
8	MP1B	Z	-98.989	.25
9	MP1B	Mx	.044	.25
10	MP1B	X	57.151	5.75
11	MP1B	Z	-98.989	5.75
12	MP1B	Mx	.044	5.75
13	MP1C	X	58.507	.25
14	MP1C	Z	-101.337	.25
15	MP1C	Mx	-.038	.25
16	MP1C	X	58.507	5.75
17	MP1C	Z	-101.337	5.75
18	MP1C	Mx	-.038	5.75
19	MP4A	X	59.781	.25
20	MP4A	Z	-103.544	.25
21	MP4A	Mx	-.03	.25
22	MP4A	X	59.781	5.75
23	MP4A	Z	-103.544	5.75
24	MP4A	Mx	-.03	5.75
25	MP4B	X	57.151	.25
26	MP4B	Z	-98.989	.25
27	MP4B	Mx	.044	.25
28	MP4B	X	57.151	5.75
29	MP4B	Z	-98.989	5.75
30	MP4B	Mx	.044	5.75
31	MP4C	X	58.507	.25
32	MP4C	Z	-101.337	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
33	MP4C	Mx	-.038	.25
34	MP4C	X	58.507	5.75
35	MP4C	Z	-101.337	5.75
36	MP4C	Mx	-.038	5.75
37	MP2A	X	65.402	.5
38	MP2A	Z	-113.28	.5
39	MP2A	Mx	-.094	.5
40	MP2A	X	65.402	5.5
41	MP2A	Z	-113.28	5.5
42	MP2A	Mx	-.094	5.5
43	MP2B	X	57.251	.5
44	MP2B	Z	-99.162	.5
45	MP2B	Mx	.084	.5
46	MP2B	X	57.251	5.5
47	MP2B	Z	-99.162	5.5
48	MP2B	Mx	.084	5.5
49	MP2C	X	61.454	.5
50	MP2C	Z	-106.441	.5
51	MP2C	Mx	.011	.5
52	MP2C	X	61.454	5.5
53	MP2C	Z	-106.441	5.5
54	MP2C	Mx	.011	5.5
55	MP2A	X	65.402	.5
56	MP2A	Z	-113.28	.5
57	MP2A	Mx	.029	.5
58	MP2A	X	65.402	5.5
59	MP2A	Z	-113.28	5.5
60	MP2A	Mx	.029	5.5
61	MP2B	X	57.251	.5
62	MP2B	Z	-99.162	.5
63	MP2B	Mx	.004	.5
64	MP2B	X	57.251	5.5
65	MP2B	Z	-99.162	5.5
66	MP2B	Mx	.004	5.5
67	MP2C	X	61.454	.5
68	MP2C	Z	-106.441	.5
69	MP2C	Mx	-.091	.5
70	MP2C	X	61.454	5.5
71	MP2C	Z	-106.441	5.5
72	MP2C	Mx	-.091	5.5
73	MP3A	X	34.895	2
74	MP3A	Z	-60.439	2
75	MP3A	Mx	-.017	2
76	MP3A	X	34.895	4
77	MP3A	Z	-60.439	4
78	MP3A	Mx	-.017	4
79	MP3B	X	26.459	2
80	MP3B	Z	-45.829	2
81	MP3B	Mx	.02	2
82	MP3B	X	26.459	4
83	MP3B	Z	-45.829	4
84	MP3B	Mx	.02	4
85	MP3C	X	30.808	2
86	MP3C	Z	-53.361	2
87	MP3C	Mx	-.02	2
88	MP3C	X	30.808	4
89	MP3C	Z	-53.361	4

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
90	MP3C	Mx	-.02	4
91	MP1A	X	30.035	2
92	MP1A	Z	-52.021	2
93	MP1A	Mx	.01	2
94	MP1B	X	21.891	2
95	MP1B	Z	-37.917	2
96	MP1B	Mx	-.015	2
97	MP1C	X	30.035	2
98	MP1C	Z	-52.021	2
99	MP1C	Mx	.01	2
100	MP2A	X	29.542	2
101	MP2A	Z	-51.168	2
102	MP2A	Mx	.01	2
103	MP2B	X	19.921	2
104	MP2B	Z	-34.504	2
105	MP2B	Mx	-.013	2
106	MP2C	X	29.542	2
107	MP2C	Z	-51.168	2
108	MP2C	Mx	.01	2
109	OVP	X	58.46	1
110	OVP	Z	-101.256	1
111	OVP	Mx	.019	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	96.782	.25
2	MP1A	Z	-55.877	.25
3	MP1A	Mx	-.048	.25
4	MP1A	X	96.782	5.75
5	MP1A	Z	-55.877	5.75
6	MP1A	Mx	-.048	5.75
7	MP1B	X	93.809	.25
8	MP1B	Z	-54.161	.25
9	MP1B	Mx	.053	.25
10	MP1B	X	93.809	5.75
11	MP1B	Z	-54.161	5.75
12	MP1B	Mx	.053	5.75
13	MP1C	X	106.517	.25
14	MP1C	Z	-61.498	.25
15	MP1C	Mx	-.011	.25
16	MP1C	X	106.517	5.75
17	MP1C	Z	-61.498	5.75
18	MP1C	Mx	-.011	5.75
19	MP4A	X	96.782	.25
20	MP4A	Z	-55.877	.25
21	MP4A	Mx	-.048	.25
22	MP4A	X	96.782	5.75
23	MP4A	Z	-55.877	5.75
24	MP4A	Mx	-.048	5.75
25	MP4B	X	93.809	.25
26	MP4B	Z	-54.161	.25
27	MP4B	Mx	.053	.25
28	MP4B	X	93.809	5.75
29	MP4B	Z	-54.161	5.75
30	MP4B	Mx	.053	5.75
31	MP4C	X	106.517	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
32	MP4C	Z	-61.498	.25
33	MP4C	Mx	-.011	.25
34	MP4C	X	106.517	5.75
35	MP4C	Z	-61.498	5.75
36	MP4C	Mx	-.011	5.75
37	MP2A	X	92.322	.5
38	MP2A	Z	-53.302	.5
39	MP2A	Mx	-.075	.5
40	MP2A	X	92.322	5.5
41	MP2A	Z	-53.302	5.5
42	MP2A	Mx	-.075	5.5
43	MP2B	X	83.107	.5
44	MP2B	Z	-47.982	.5
45	MP2B	Mx	.056	.5
46	MP2B	X	83.107	5.5
47	MP2B	Z	-47.982	5.5
48	MP2B	Mx	.056	5.5
49	MP2C	X	122.496	.5
50	MP2C	Z	-70.723	.5
51	MP2C	Mx	.063	.5
52	MP2C	X	122.496	5.5
53	MP2C	Z	-70.723	5.5
54	MP2C	Mx	.063	5.5
55	MP2A	X	92.322	.5
56	MP2A	Z	-53.302	.5
57	MP2A	Mx	-.017	.5
58	MP2A	X	92.322	5.5
59	MP2A	Z	-53.302	5.5
60	MP2A	Mx	-.017	5.5
61	MP2B	X	83.107	.5
62	MP2B	Z	-47.982	.5
63	MP2B	Mx	.038	.5
64	MP2B	X	83.107	5.5
65	MP2B	Z	-47.982	5.5
66	MP2B	Mx	.038	5.5
67	MP2C	X	122.496	.5
68	MP2C	Z	-70.723	.5
69	MP2C	Mx	-.088	.5
70	MP2C	X	122.496	5.5
71	MP2C	Z	-70.723	5.5
72	MP2C	Mx	-.088	5.5
73	MP3A	X	38.751	2
74	MP3A	Z	-22.373	2
75	MP3A	Mx	-.019	2
76	MP3A	X	38.751	4
77	MP3A	Z	-22.373	4
78	MP3A	Mx	-.019	4
79	MP3B	X	29.215	2
80	MP3B	Z	-16.867	2
81	MP3B	Mx	.017	2
82	MP3B	X	29.215	4
83	MP3B	Z	-16.867	4
84	MP3B	Mx	.017	4
85	MP3C	X	69.975	2
86	MP3C	Z	-40.4	2
87	MP3C	Mx	-.007	2
88	MP3C	X	69.975	4

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
89	MP3C	Z	-40.4	4
90	MP3C	Mx	-.007	4
91	MP1A	X	42.618	2
92	MP1A	Z	-24.606	2
93	MP1A	Mx	.014	2
94	MP1B	X	42.618	2
95	MP1B	Z	-24.606	2
96	MP1B	Mx	-.014	2
97	MP1C	X	56.723	2
98	MP1C	Z	-32.749	2
99	MP1C	Mx	0	2
100	MP2A	X	40.059	2
101	MP2A	Z	-23.128	2
102	MP2A	Mx	.013	2
103	MP2B	X	40.059	2
104	MP2B	Z	-23.128	2
105	MP2B	Mx	-.013	2
106	MP2C	X	56.723	2
107	MP2C	Z	-32.749	2
108	MP2C	Mx	0	2
109	OVP	X	115.854	1
110	OVP	Z	-66.888	1
111	OVP	Mx	.039	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	107.85	.25
2	MP1A	Z	0	.25
3	MP1A	Mx	-.054	.25
4	MP1A	X	107.85	5.75
5	MP1A	Z	0	5.75
6	MP1A	Mx	-.054	5.75
7	MP1B	X	109.677	.25
8	MP1B	Z	0	.25
9	MP1B	Mx	.052	.25
10	MP1B	X	109.677	5.75
11	MP1B	Z	0	5.75
12	MP1B	Mx	.052	5.75
13	MP1C	X	121.639	.25
14	MP1C	Z	0	.25
15	MP1C	Mx	.021	.25
16	MP1C	X	121.639	5.75
17	MP1C	Z	0	5.75
18	MP1C	Mx	.021	5.75
19	MP4A	X	107.85	.25
20	MP4A	Z	0	.25
21	MP4A	Mx	-.054	.25
22	MP4A	X	107.85	5.75
23	MP4A	Z	0	5.75
24	MP4A	Mx	-.054	5.75
25	MP4B	X	109.677	.25
26	MP4B	Z	0	.25
27	MP4B	Mx	.052	.25
28	MP4B	X	109.677	5.75
29	MP4B	Z	0	5.75
30	MP4B	Mx	.052	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
31	MP4C	X	121.639	.25
32	MP4C	Z	0	.25
33	MP4C	Mx	.021	.25
34	MP4C	X	121.639	5.75
35	MP4C	Z	0	5.75
36	MP4C	Mx	.021	5.75
37	MP2A	X	94.504	.5
38	MP2A	Z	0	.5
39	MP2A	Mx	-.047	.5
40	MP2A	X	94.504	5.5
41	MP2A	Z	0	5.5
42	MP2A	Mx	-.047	5.5
43	MP2B	X	100.166	.5
44	MP2B	Z	0	.5
45	MP2B	Mx	.029	.5
46	MP2B	X	100.166	5.5
47	MP2B	Z	0	5.5
48	MP2B	Mx	.029	5.5
49	MP2C	X	137.243	.5
50	MP2C	Z	0	.5
51	MP2C	Mx	.093	.5
52	MP2C	X	137.243	5.5
53	MP2C	Z	0	5.5
54	MP2C	Mx	.093	5.5
55	MP2A	X	94.504	.5
56	MP2A	Z	0	.5
57	MP2A	Mx	-.047	.5
58	MP2A	X	94.504	5.5
59	MP2A	Z	0	5.5
60	MP2A	Mx	-.047	5.5
61	MP2B	X	100.166	.5
62	MP2B	Z	0	.5
63	MP2B	Mx	.066	.5
64	MP2B	X	100.166	5.5
65	MP2B	Z	0	5.5
66	MP2B	Mx	.066	5.5
67	MP2C	X	137.243	.5
68	MP2C	Z	0	.5
69	MP2C	Mx	-.046	.5
70	MP2C	X	137.243	5.5
71	MP2C	Z	0	5.5
72	MP2C	Mx	-.046	5.5
73	MP3A	X	32.224	2
74	MP3A	Z	0	2
75	MP3A	Mx	-.016	2
76	MP3A	X	32.224	4
77	MP3A	Z	0	4
78	MP3A	Mx	-.016	4
79	MP3B	X	38.083	2
80	MP3B	Z	0	2
81	MP3B	Mx	.018	2
82	MP3B	X	38.083	4
83	MP3B	Z	0	4
84	MP3B	Mx	.018	4
85	MP3C	X	76.452	2
86	MP3C	Z	0	2
87	MP3C	Mx	.013	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
88	MP3C	X	76.452	4
89	MP3C	Z	0	4
90	MP3C	Mx	.013	4
91	MP1A	X	43.782	2
92	MP1A	Z	0	2
93	MP1A	Mx	.015	2
94	MP1B	X	60.069	2
95	MP1B	Z	0	2
96	MP1B	Mx	-.01	2
97	MP1C	X	60.069	2
98	MP1C	Z	0	2
99	MP1C	Mx	-.01	2
100	MP2A	X	39.842	2
101	MP2A	Z	0	2
102	MP2A	Mx	.013	2
103	MP2B	X	59.084	2
104	MP2B	Z	0	2
105	MP2B	Mx	-.01	2
106	MP2C	X	59.084	2
107	MP2C	Z	0	2
108	MP2C	Mx	-.01	2
109	OVP	X	142.205	1
110	OVP	Z	0	1
111	OVP	Mx	.047	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	96.782	.25
2	MP1A	Z	55.877	.25
3	MP1A	Mx	-.048	.25
4	MP1A	X	96.782	5.75
5	MP1A	Z	55.877	5.75
6	MP1A	Mx	-.048	5.75
7	MP1B	X	101.337	.25
8	MP1B	Z	58.507	.25
9	MP1B	Mx	.038	.25
10	MP1B	X	101.337	5.75
11	MP1B	Z	58.507	5.75
12	MP1B	Mx	.038	5.75
13	MP1C	X	98.989	.25
14	MP1C	Z	57.151	.25
15	MP1C	Mx	.044	.25
16	MP1C	X	98.989	5.75
17	MP1C	Z	57.151	5.75
18	MP1C	Mx	.044	5.75
19	MP4A	X	96.782	.25
20	MP4A	Z	55.877	.25
21	MP4A	Mx	-.048	.25
22	MP4A	X	96.782	5.75
23	MP4A	Z	55.877	5.75
24	MP4A	Mx	-.048	5.75
25	MP4B	X	101.337	.25
26	MP4B	Z	58.507	.25
27	MP4B	Mx	.038	.25
28	MP4B	X	101.337	5.75
29	MP4B	Z	58.507	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
30	MP4B	Mx	.038	5.75
31	MP4C	X	98.989	.25
32	MP4C	Z	57.151	.25
33	MP4C	Mx	.044	.25
34	MP4C	X	98.989	5.75
35	MP4C	Z	57.151	5.75
36	MP4C	Mx	.044	5.75
37	MP2A	X	92.322	.5
38	MP2A	Z	53.302	.5
39	MP2A	Mx	-.017	.5
40	MP2A	X	92.322	5.5
41	MP2A	Z	53.302	5.5
42	MP2A	Mx	-.017	5.5
43	MP2B	X	106.441	.5
44	MP2B	Z	61.454	.5
45	MP2B	Mx	-.011	.5
46	MP2B	X	106.441	5.5
47	MP2B	Z	61.454	5.5
48	MP2B	Mx	-.011	5.5
49	MP2C	X	99.162	.5
50	MP2C	Z	57.251	.5
51	MP2C	Mx	.084	.5
52	MP2C	X	99.162	5.5
53	MP2C	Z	57.251	5.5
54	MP2C	Mx	.084	5.5
55	MP2A	X	92.322	.5
56	MP2A	Z	53.302	.5
57	MP2A	Mx	-.075	.5
58	MP2A	X	92.322	5.5
59	MP2A	Z	53.302	5.5
60	MP2A	Mx	-.075	5.5
61	MP2B	X	106.441	.5
62	MP2B	Z	61.454	.5
63	MP2B	Mx	.091	.5
64	MP2B	X	106.441	5.5
65	MP2B	Z	61.454	5.5
66	MP2B	Mx	.091	5.5
67	MP2C	X	99.162	.5
68	MP2C	Z	57.251	.5
69	MP2C	Mx	.004	.5
70	MP2C	X	99.162	5.5
71	MP2C	Z	57.251	5.5
72	MP2C	Mx	.004	5.5
73	MP3A	X	38.751	2
74	MP3A	Z	22.373	2
75	MP3A	Mx	-.019	2
76	MP3A	X	38.751	4
77	MP3A	Z	22.373	4
78	MP3A	Mx	-.019	4
79	MP3B	X	53.361	2
80	MP3B	Z	30.808	2
81	MP3B	Mx	.02	2
82	MP3B	X	53.361	4
83	MP3B	Z	30.808	4
84	MP3B	Mx	.02	4
85	MP3C	X	45.829	2
86	MP3C	Z	26.459	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
87	MP3C	Mx	.02	2
88	MP3C	X	45.829	4
89	MP3C	Z	26.459	4
90	MP3C	Mx	.02	4
91	MP1A	X	42.618	2
92	MP1A	Z	24.606	2
93	MP1A	Mx	.014	2
94	MP1B	X	56.723	2
95	MP1B	Z	32.749	2
96	MP1B	Mx	0	2
97	MP1C	X	42.618	2
98	MP1C	Z	24.606	2
99	MP1C	Mx	-.014	2
100	MP2A	X	40.059	2
101	MP2A	Z	23.128	2
102	MP2A	Mx	.013	2
103	MP2B	X	56.723	2
104	MP2B	Z	32.749	2
105	MP2B	Mx	0	2
106	MP2C	X	40.059	2
107	MP2C	Z	23.128	2
108	MP2C	Mx	-.013	2
109	OVP	X	115.854	1
110	OVP	Z	66.888	1
111	OVP	Mx	.039	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	59.781	.25
2	MP1A	Z	103.544	.25
3	MP1A	Mx	-.03	.25
4	MP1A	X	59.781	5.75
5	MP1A	Z	103.544	5.75
6	MP1A	Mx	-.03	5.75
7	MP1B	X	61.498	.25
8	MP1B	Z	106.517	.25
9	MP1B	Mx	.011	.25
10	MP1B	X	61.498	5.75
11	MP1B	Z	106.517	5.75
12	MP1B	Mx	.011	5.75
13	MP1C	X	54.161	.25
14	MP1C	Z	93.809	.25
15	MP1C	Mx	.053	.25
16	MP1C	X	54.161	5.75
17	MP1C	Z	93.809	5.75
18	MP1C	Mx	.053	5.75
19	MP4A	X	59.781	.25
20	MP4A	Z	103.544	.25
21	MP4A	Mx	-.03	.25
22	MP4A	X	59.781	5.75
23	MP4A	Z	103.544	5.75
24	MP4A	Mx	-.03	5.75
25	MP4B	X	61.498	.25
26	MP4B	Z	106.517	.25
27	MP4B	Mx	.011	.25
28	MP4B	X	61.498	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
29	MP4B	Z	106.517	5.75
30	MP4B	Mx	.011	5.75
31	MP4C	X	54.161	.25
32	MP4C	Z	93.809	.25
33	MP4C	Mx	.053	.25
34	MP4C	X	54.161	5.75
35	MP4C	Z	93.809	5.75
36	MP4C	Mx	.053	5.75
37	MP2A	X	65.402	.5
38	MP2A	Z	113.28	.5
39	MP2A	Mx	.029	.5
40	MP2A	X	65.402	5.5
41	MP2A	Z	113.28	5.5
42	MP2A	Mx	.029	5.5
43	MP2B	X	70.723	.5
44	MP2B	Z	122.496	.5
45	MP2B	Mx	-.063	.5
46	MP2B	X	70.723	5.5
47	MP2B	Z	122.496	5.5
48	MP2B	Mx	-.063	5.5
49	MP2C	X	47.982	.5
50	MP2C	Z	83.107	.5
51	MP2C	Mx	.056	.5
52	MP2C	X	47.982	5.5
53	MP2C	Z	83.107	5.5
54	MP2C	Mx	.056	5.5
55	MP2A	X	65.402	.5
56	MP2A	Z	113.28	.5
57	MP2A	Mx	-.094	.5
58	MP2A	X	65.402	5.5
59	MP2A	Z	113.28	5.5
60	MP2A	Mx	-.094	5.5
61	MP2B	X	70.723	.5
62	MP2B	Z	122.496	.5
63	MP2B	Mx	.088	.5
64	MP2B	X	70.723	5.5
65	MP2B	Z	122.496	5.5
66	MP2B	Mx	.088	5.5
67	MP2C	X	47.982	.5
68	MP2C	Z	83.107	.5
69	MP2C	Mx	.038	.5
70	MP2C	X	47.982	5.5
71	MP2C	Z	83.107	5.5
72	MP2C	Mx	.038	5.5
73	MP3A	X	34.895	2
74	MP3A	Z	60.439	2
75	MP3A	Mx	-.017	2
76	MP3A	X	34.895	4
77	MP3A	Z	60.439	4
78	MP3A	Mx	-.017	4
79	MP3B	X	40.4	2
80	MP3B	Z	69.975	2
81	MP3B	Mx	.007	2
82	MP3B	X	40.4	4
83	MP3B	Z	69.975	4
84	MP3B	Mx	.007	4
85	MP3C	X	16.867	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
86	MP3C	Z	29.215	2
87	MP3C	Mx	.017	2
88	MP3C	X	16.867	4
89	MP3C	Z	29.215	4
90	MP3C	Mx	.017	4
91	MP1A	X	30.035	2
92	MP1A	Z	52.021	2
93	MP1A	Mx	.01	2
94	MP1B	X	30.035	2
95	MP1B	Z	52.021	2
96	MP1B	Mx	.01	2
97	MP1C	X	21.891	2
98	MP1C	Z	37.917	2
99	MP1C	Mx	-.015	2
100	MP2A	X	29.542	2
101	MP2A	Z	51.168	2
102	MP2A	Mx	.01	2
103	MP2B	X	29.542	2
104	MP2B	Z	51.168	2
105	MP2B	Mx	.01	2
106	MP2C	X	19.921	2
107	MP2C	Z	34.504	2
108	MP2C	Mx	-.013	2
109	OVP	X	58.46	1
110	OVP	Z	101.256	1
111	OVP	Mx	.019	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	0	.25
2	MP1A	Z	123.466	.25
3	MP1A	Mx	0	.25
4	MP1A	X	0	5.75
5	MP1A	Z	123.466	5.75
6	MP1A	Mx	0	5.75
7	MP1B	X	0	.25
8	MP1B	Z	121.639	.25
9	MP1B	Mx	-.021	.25
10	MP1B	X	0	5.75
11	MP1B	Z	121.639	5.75
12	MP1B	Mx	-.021	5.75
13	MP1C	X	0	.25
14	MP1C	Z	109.677	.25
15	MP1C	Mx	.052	.25
16	MP1C	X	0	5.75
17	MP1C	Z	109.677	5.75
18	MP1C	Mx	.052	5.75
19	MP4A	X	0	.25
20	MP4A	Z	123.466	.25
21	MP4A	Mx	0	.25
22	MP4A	X	0	5.75
23	MP4A	Z	123.466	5.75
24	MP4A	Mx	0	5.75
25	MP4B	X	0	.25
26	MP4B	Z	121.639	.25
27	MP4B	Mx	-.021	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
28	MP4B	X	0	5.75
29	MP4B	Z	121.639	5.75
30	MP4B	Mx	-.021	5.75
31	MP4C	X	0	.25
32	MP4C	Z	109.677	.25
33	MP4C	Mx	.052	.25
34	MP4C	X	0	5.75
35	MP4C	Z	109.677	5.75
36	MP4C	Mx	.052	5.75
37	MP2A	X	0	.5
38	MP2A	Z	142.905	.5
39	MP2A	Mx	.077	.5
40	MP2A	X	0	5.5
41	MP2A	Z	142.905	5.5
42	MP2A	Mx	.077	5.5
43	MP2B	X	0	.5
44	MP2B	Z	137.243	.5
45	MP2B	Mx	-.093	.5
46	MP2B	X	0	5.5
47	MP2B	Z	137.243	5.5
48	MP2B	Mx	-.093	5.5
49	MP2C	X	0	.5
50	MP2C	Z	100.166	.5
51	MP2C	Mx	.029	.5
52	MP2C	X	0	5.5
53	MP2C	Z	100.166	5.5
54	MP2C	Mx	.029	5.5
55	MP2A	X	0	.5
56	MP2A	Z	142.905	.5
57	MP2A	Mx	-.077	.5
58	MP2A	X	0	5.5
59	MP2A	Z	142.905	5.5
60	MP2A	Mx	-.077	5.5
61	MP2B	X	0	.5
62	MP2B	Z	137.243	.5
63	MP2B	Mx	.046	.5
64	MP2B	X	0	5.5
65	MP2B	Z	137.243	5.5
66	MP2B	Mx	.046	5.5
67	MP2C	X	0	.5
68	MP2C	Z	100.166	.5
69	MP2C	Mx	.066	.5
70	MP2C	X	0	5.5
71	MP2C	Z	100.166	5.5
72	MP2C	Mx	.066	5.5
73	MP3A	X	0	2
74	MP3A	Z	82.311	2
75	MP3A	Mx	0	2
76	MP3A	X	0	4
77	MP3A	Z	82.311	4
78	MP3A	Mx	0	4
79	MP3B	X	0	2
80	MP3B	Z	76.452	2
81	MP3B	Mx	-.013	2
82	MP3B	X	0	4
83	MP3B	Z	76.452	4
84	MP3B	Mx	-.013	4

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
85	MP3C	X	0	2
86	MP3C	Z	38.083	2
87	MP3C	Mx	.018	2
88	MP3C	X	0	4
89	MP3C	Z	38.083	4
90	MP3C	Mx	.018	4
91	MP1A	X	0	2
92	MP1A	Z	65.498	2
93	MP1A	Mx	0	2
94	MP1B	X	0	2
95	MP1B	Z	49.211	2
96	MP1B	Mx	.014	2
97	MP1C	X	0	2
98	MP1C	Z	49.211	2
99	MP1C	Mx	-.014	2
100	MP2A	X	0	2
101	MP2A	Z	65.498	2
102	MP2A	Mx	0	2
103	MP2B	X	0	2
104	MP2B	Z	46.256	2
105	MP2B	Mx	.013	2
106	MP2C	X	0	2
107	MP2C	Z	46.256	2
108	MP2C	Mx	-.013	2
109	OVP	X	0	1
110	OVP	Z	108.492	1
111	OVP	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-59.781	.25
2	MP1A	Z	103.544	.25
3	MP1A	Mx	.03	.25
4	MP1A	X	-59.781	5.75
5	MP1A	Z	103.544	5.75
6	MP1A	Mx	.03	5.75
7	MP1B	X	-57.151	.25
8	MP1B	Z	98.989	.25
9	MP1B	Mx	-.044	.25
10	MP1B	X	-57.151	5.75
11	MP1B	Z	98.989	5.75
12	MP1B	Mx	-.044	5.75
13	MP1C	X	-58.507	.25
14	MP1C	Z	101.337	.25
15	MP1C	Mx	.038	.25
16	MP1C	X	-58.507	5.75
17	MP1C	Z	101.337	5.75
18	MP1C	Mx	.038	5.75
19	MP4A	X	-59.781	.25
20	MP4A	Z	103.544	.25
21	MP4A	Mx	.03	.25
22	MP4A	X	-59.781	5.75
23	MP4A	Z	103.544	5.75
24	MP4A	Mx	.03	5.75
25	MP4B	X	-57.151	.25
26	MP4B	Z	98.989	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
27	MP4B	Mx	-.044	.25
28	MP4B	X	-57.151	5.75
29	MP4B	Z	98.989	5.75
30	MP4B	Mx	-.044	5.75
31	MP4C	X	-58.507	.25
32	MP4C	Z	101.337	.25
33	MP4C	Mx	.038	.25
34	MP4C	X	-58.507	5.75
35	MP4C	Z	101.337	5.75
36	MP4C	Mx	.038	5.75
37	MP2A	X	-65.402	.5
38	MP2A	Z	113.28	.5
39	MP2A	Mx	.094	.5
40	MP2A	X	-65.402	5.5
41	MP2A	Z	113.28	5.5
42	MP2A	Mx	.094	5.5
43	MP2B	X	-57.251	.5
44	MP2B	Z	99.162	.5
45	MP2B	Mx	-.084	.5
46	MP2B	X	-57.251	5.5
47	MP2B	Z	99.162	5.5
48	MP2B	Mx	-.084	5.5
49	MP2C	X	-61.454	.5
50	MP2C	Z	106.441	.5
51	MP2C	Mx	-.011	.5
52	MP2C	X	-61.454	5.5
53	MP2C	Z	106.441	5.5
54	MP2C	Mx	-.011	5.5
55	MP2A	X	-65.402	.5
56	MP2A	Z	113.28	.5
57	MP2A	Mx	-.029	.5
58	MP2A	X	-65.402	5.5
59	MP2A	Z	113.28	5.5
60	MP2A	Mx	-.029	5.5
61	MP2B	X	-57.251	.5
62	MP2B	Z	99.162	.5
63	MP2B	Mx	-.004	.5
64	MP2B	X	-57.251	5.5
65	MP2B	Z	99.162	5.5
66	MP2B	Mx	-.004	5.5
67	MP2C	X	-61.454	.5
68	MP2C	Z	106.441	.5
69	MP2C	Mx	.091	.5
70	MP2C	X	-61.454	5.5
71	MP2C	Z	106.441	5.5
72	MP2C	Mx	.091	5.5
73	MP3A	X	-34.895	2
74	MP3A	Z	60.439	2
75	MP3A	Mx	.017	2
76	MP3A	X	-34.895	4
77	MP3A	Z	60.439	4
78	MP3A	Mx	.017	4
79	MP3B	X	-26.459	2
80	MP3B	Z	45.829	2
81	MP3B	Mx	-.02	2
82	MP3B	X	-26.459	4
83	MP3B	Z	45.829	4

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
84	MP3B	Mx	-.02	4
85	MP3C	X	-30.808	2
86	MP3C	Z	53.361	2
87	MP3C	Mx	.02	2
88	MP3C	X	-30.808	4
89	MP3C	Z	53.361	4
90	MP3C	Mx	.02	4
91	MP1A	X	-30.035	2
92	MP1A	Z	52.021	2
93	MP1A	Mx	-.01	2
94	MP1B	X	-21.891	2
95	MP1B	Z	37.917	2
96	MP1B	Mx	.015	2
97	MP1C	X	-30.035	2
98	MP1C	Z	52.021	2
99	MP1C	Mx	-.01	2
100	MP2A	X	-29.542	2
101	MP2A	Z	51.168	2
102	MP2A	Mx	-.01	2
103	MP2B	X	-19.921	2
104	MP2B	Z	34.504	2
105	MP2B	Mx	.013	2
106	MP2C	X	-29.542	2
107	MP2C	Z	51.168	2
108	MP2C	Mx	-.01	2
109	OVP	X	-58.46	1
110	OVP	Z	101.256	1
111	OVP	Mx	-.019	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-96.782	.25
2	MP1A	Z	55.877	.25
3	MP1A	Mx	.048	.25
4	MP1A	X	-96.782	5.75
5	MP1A	Z	55.877	5.75
6	MP1A	Mx	.048	5.75
7	MP1B	X	-93.809	.25
8	MP1B	Z	54.161	.25
9	MP1B	Mx	-.053	.25
10	MP1B	X	-93.809	5.75
11	MP1B	Z	54.161	5.75
12	MP1B	Mx	-.053	5.75
13	MP1C	X	-106.517	.25
14	MP1C	Z	61.498	.25
15	MP1C	Mx	.011	.25
16	MP1C	X	-106.517	5.75
17	MP1C	Z	61.498	5.75
18	MP1C	Mx	.011	5.75
19	MP4A	X	-96.782	.25
20	MP4A	Z	55.877	.25
21	MP4A	Mx	.048	.25
22	MP4A	X	-96.782	5.75
23	MP4A	Z	55.877	5.75
24	MP4A	Mx	.048	5.75
25	MP4B	X	-93.809	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
26	MP4B	Z	54.161	.25
27	MP4B	Mx	-.053	.25
28	MP4B	X	-93.809	5.75
29	MP4B	Z	54.161	5.75
30	MP4B	Mx	-.053	5.75
31	MP4C	X	-106.517	.25
32	MP4C	Z	61.498	.25
33	MP4C	Mx	.011	.25
34	MP4C	X	-106.517	5.75
35	MP4C	Z	61.498	5.75
36	MP4C	Mx	.011	5.75
37	MP2A	X	-92.322	.5
38	MP2A	Z	53.302	.5
39	MP2A	Mx	.075	.5
40	MP2A	X	-92.322	5.5
41	MP2A	Z	53.302	5.5
42	MP2A	Mx	.075	5.5
43	MP2B	X	-83.107	.5
44	MP2B	Z	47.982	.5
45	MP2B	Mx	-.056	.5
46	MP2B	X	-83.107	5.5
47	MP2B	Z	47.982	5.5
48	MP2B	Mx	-.056	5.5
49	MP2C	X	-122.496	.5
50	MP2C	Z	70.723	.5
51	MP2C	Mx	-.063	.5
52	MP2C	X	-122.496	5.5
53	MP2C	Z	70.723	5.5
54	MP2C	Mx	-.063	5.5
55	MP2A	X	-92.322	.5
56	MP2A	Z	53.302	.5
57	MP2A	Mx	.017	.5
58	MP2A	X	-92.322	5.5
59	MP2A	Z	53.302	5.5
60	MP2A	Mx	.017	5.5
61	MP2B	X	-83.107	.5
62	MP2B	Z	47.982	.5
63	MP2B	Mx	-.038	.5
64	MP2B	X	-83.107	5.5
65	MP2B	Z	47.982	5.5
66	MP2B	Mx	-.038	5.5
67	MP2C	X	-122.496	.5
68	MP2C	Z	70.723	.5
69	MP2C	Mx	.088	.5
70	MP2C	X	-122.496	5.5
71	MP2C	Z	70.723	5.5
72	MP2C	Mx	.088	5.5
73	MP3A	X	-38.751	2
74	MP3A	Z	22.373	2
75	MP3A	Mx	.019	2
76	MP3A	X	-38.751	4
77	MP3A	Z	22.373	4
78	MP3A	Mx	.019	4
79	MP3B	X	-29.215	2
80	MP3B	Z	16.867	2
81	MP3B	Mx	-.017	2
82	MP3B	X	-29.215	4

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
83	MP3B	Z	16.867	4
84	MP3B	Mx	-.017	4
85	MP3C	X	-69.975	2
86	MP3C	Z	40.4	2
87	MP3C	Mx	.007	2
88	MP3C	X	-69.975	4
89	MP3C	Z	40.4	4
90	MP3C	Mx	.007	4
91	MP1A	X	-42.618	2
92	MP1A	Z	24.606	2
93	MP1A	Mx	-.014	2
94	MP1B	X	-42.618	2
95	MP1B	Z	24.606	2
96	MP1B	Mx	.014	2
97	MP1C	X	-56.723	2
98	MP1C	Z	32.749	2
99	MP1C	Mx	0	2
100	MP2A	X	-40.059	2
101	MP2A	Z	23.128	2
102	MP2A	Mx	-.013	2
103	MP2B	X	-40.059	2
104	MP2B	Z	23.128	2
105	MP2B	Mx	.013	2
106	MP2C	X	-56.723	2
107	MP2C	Z	32.749	2
108	MP2C	Mx	0	2
109	OVP	X	-115.854	1
110	OVP	Z	66.888	1
111	OVP	Mx	-.039	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-107.85	.25
2	MP1A	Z	0	.25
3	MP1A	Mx	.054	.25
4	MP1A	X	-107.85	5.75
5	MP1A	Z	0	5.75
6	MP1A	Mx	.054	5.75
7	MP1B	X	-109.677	.25
8	MP1B	Z	0	.25
9	MP1B	Mx	-.052	.25
10	MP1B	X	-109.677	5.75
11	MP1B	Z	0	5.75
12	MP1B	Mx	-.052	5.75
13	MP1C	X	-121.639	.25
14	MP1C	Z	0	.25
15	MP1C	Mx	-.021	.25
16	MP1C	X	-121.639	5.75
17	MP1C	Z	0	5.75
18	MP1C	Mx	-.021	5.75
19	MP4A	X	-107.85	.25
20	MP4A	Z	0	.25
21	MP4A	Mx	.054	.25
22	MP4A	X	-107.85	5.75
23	MP4A	Z	0	5.75
24	MP4A	Mx	.054	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
25	MP4B	X	-109.677	.25
26	MP4B	Z	0	.25
27	MP4B	Mx	-.052	.25
28	MP4B	X	-109.677	5.75
29	MP4B	Z	0	5.75
30	MP4B	Mx	-.052	5.75
31	MP4C	X	-121.639	.25
32	MP4C	Z	0	.25
33	MP4C	Mx	-.021	.25
34	MP4C	X	-121.639	5.75
35	MP4C	Z	0	5.75
36	MP4C	Mx	-.021	5.75
37	MP2A	X	-94.504	.5
38	MP2A	Z	0	.5
39	MP2A	Mx	.047	.5
40	MP2A	X	-94.504	5.5
41	MP2A	Z	0	5.5
42	MP2A	Mx	.047	5.5
43	MP2B	X	-100.166	.5
44	MP2B	Z	0	.5
45	MP2B	Mx	-.029	.5
46	MP2B	X	-100.166	5.5
47	MP2B	Z	0	5.5
48	MP2B	Mx	-.029	5.5
49	MP2C	X	-137.243	.5
50	MP2C	Z	0	.5
51	MP2C	Mx	-.093	.5
52	MP2C	X	-137.243	5.5
53	MP2C	Z	0	5.5
54	MP2C	Mx	-.093	5.5
55	MP2A	X	-94.504	.5
56	MP2A	Z	0	.5
57	MP2A	Mx	.047	.5
58	MP2A	X	-94.504	5.5
59	MP2A	Z	0	5.5
60	MP2A	Mx	.047	5.5
61	MP2B	X	-100.166	.5
62	MP2B	Z	0	.5
63	MP2B	Mx	-.066	.5
64	MP2B	X	-100.166	5.5
65	MP2B	Z	0	5.5
66	MP2B	Mx	-.066	5.5
67	MP2C	X	-137.243	.5
68	MP2C	Z	0	.5
69	MP2C	Mx	.046	.5
70	MP2C	X	-137.243	5.5
71	MP2C	Z	0	5.5
72	MP2C	Mx	.046	5.5
73	MP3A	X	-32.224	2
74	MP3A	Z	0	2
75	MP3A	Mx	.016	2
76	MP3A	X	-32.224	4
77	MP3A	Z	0	4
78	MP3A	Mx	.016	4
79	MP3B	X	-38.083	2
80	MP3B	Z	0	2
81	MP3B	Mx	-.018	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
82	MP3B	X	-38.083	4
83	MP3B	Z	0	4
84	MP3B	Mx	-.018	4
85	MP3C	X	-76.452	2
86	MP3C	Z	0	2
87	MP3C	Mx	-.013	2
88	MP3C	X	-76.452	4
89	MP3C	Z	0	4
90	MP3C	Mx	-.013	4
91	MP1A	X	-43.782	2
92	MP1A	Z	0	2
93	MP1A	Mx	-.015	2
94	MP1B	X	-60.069	2
95	MP1B	Z	0	2
96	MP1B	Mx	.01	2
97	MP1C	X	-60.069	2
98	MP1C	Z	0	2
99	MP1C	Mx	.01	2
100	MP2A	X	-39.842	2
101	MP2A	Z	0	2
102	MP2A	Mx	-.013	2
103	MP2B	X	-59.084	2
104	MP2B	Z	0	2
105	MP2B	Mx	.01	2
106	MP2C	X	-59.084	2
107	MP2C	Z	0	2
108	MP2C	Mx	.01	2
109	OVP	X	-142.205	1
110	OVP	Z	0	1
111	OVP	Mx	-.047	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-96.782	.25
2	MP1A	Z	-55.877	.25
3	MP1A	Mx	.048	.25
4	MP1A	X	-96.782	5.75
5	MP1A	Z	-55.877	5.75
6	MP1A	Mx	.048	5.75
7	MP1B	X	-101.337	.25
8	MP1B	Z	-58.507	.25
9	MP1B	Mx	-.038	.25
10	MP1B	X	-101.337	5.75
11	MP1B	Z	-58.507	5.75
12	MP1B	Mx	-.038	5.75
13	MP1C	X	-98.989	.25
14	MP1C	Z	-57.151	.25
15	MP1C	Mx	-.044	.25
16	MP1C	X	-98.989	5.75
17	MP1C	Z	-57.151	5.75
18	MP1C	Mx	-.044	5.75
19	MP4A	X	-96.782	.25
20	MP4A	Z	-55.877	.25
21	MP4A	Mx	.048	.25
22	MP4A	X	-96.782	5.75
23	MP4A	Z	-55.877	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
24	MP4A	Mx	.048	5.75
25	MP4B	X	-101.337	.25
26	MP4B	Z	-58.507	.25
27	MP4B	Mx	-.038	.25
28	MP4B	X	-101.337	5.75
29	MP4B	Z	-58.507	5.75
30	MP4B	Mx	-.038	5.75
31	MP4C	X	-98.989	.25
32	MP4C	Z	-57.151	.25
33	MP4C	Mx	-.044	.25
34	MP4C	X	-98.989	5.75
35	MP4C	Z	-57.151	5.75
36	MP4C	Mx	-.044	5.75
37	MP2A	X	-92.322	.5
38	MP2A	Z	-53.302	.5
39	MP2A	Mx	.017	.5
40	MP2A	X	-92.322	5.5
41	MP2A	Z	-53.302	5.5
42	MP2A	Mx	.017	5.5
43	MP2B	X	-106.441	.5
44	MP2B	Z	-61.454	.5
45	MP2B	Mx	.011	.5
46	MP2B	X	-106.441	5.5
47	MP2B	Z	-61.454	5.5
48	MP2B	Mx	.011	5.5
49	MP2C	X	-99.162	.5
50	MP2C	Z	-57.251	.5
51	MP2C	Mx	-.084	.5
52	MP2C	X	-99.162	5.5
53	MP2C	Z	-57.251	5.5
54	MP2C	Mx	-.084	5.5
55	MP2A	X	-92.322	.5
56	MP2A	Z	-53.302	.5
57	MP2A	Mx	.075	.5
58	MP2A	X	-92.322	5.5
59	MP2A	Z	-53.302	5.5
60	MP2A	Mx	.075	5.5
61	MP2B	X	-106.441	.5
62	MP2B	Z	-61.454	.5
63	MP2B	Mx	-.091	.5
64	MP2B	X	-106.441	5.5
65	MP2B	Z	-61.454	5.5
66	MP2B	Mx	-.091	5.5
67	MP2C	X	-99.162	.5
68	MP2C	Z	-57.251	.5
69	MP2C	Mx	-.004	.5
70	MP2C	X	-99.162	5.5
71	MP2C	Z	-57.251	5.5
72	MP2C	Mx	-.004	5.5
73	MP3A	X	-38.751	2
74	MP3A	Z	-22.373	2
75	MP3A	Mx	.019	2
76	MP3A	X	-38.751	4
77	MP3A	Z	-22.373	4
78	MP3A	Mx	.019	4
79	MP3B	X	-53.361	2
80	MP3B	Z	-30.808	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
81	MP3B	Mx	-.02	2
82	MP3B	X	-53.361	4
83	MP3B	Z	-30.808	4
84	MP3B	Mx	-.02	4
85	MP3C	X	-45.829	2
86	MP3C	Z	-26.459	2
87	MP3C	Mx	-.02	2
88	MP3C	X	-45.829	4
89	MP3C	Z	-26.459	4
90	MP3C	Mx	-.02	4
91	MP1A	X	-42.618	2
92	MP1A	Z	-24.606	2
93	MP1A	Mx	-.014	2
94	MP1B	X	-56.723	2
95	MP1B	Z	-32.749	2
96	MP1B	Mx	0	2
97	MP1C	X	-42.618	2
98	MP1C	Z	-24.606	2
99	MP1C	Mx	.014	2
100	MP2A	X	-40.059	2
101	MP2A	Z	-23.128	2
102	MP2A	Mx	-.013	2
103	MP2B	X	-56.723	2
104	MP2B	Z	-32.749	2
105	MP2B	Mx	0	2
106	MP2C	X	-40.059	2
107	MP2C	Z	-23.128	2
108	MP2C	Mx	.013	2
109	OVP	X	-115.854	1
110	OVP	Z	-66.888	1
111	OVP	Mx	-.039	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-59.781	.25
2	MP1A	Z	-103.544	.25
3	MP1A	Mx	.03	.25
4	MP1A	X	-59.781	5.75
5	MP1A	Z	-103.544	5.75
6	MP1A	Mx	.03	5.75
7	MP1B	X	-61.498	.25
8	MP1B	Z	-106.517	.25
9	MP1B	Mx	-.011	.25
10	MP1B	X	-61.498	5.75
11	MP1B	Z	-106.517	5.75
12	MP1B	Mx	-.011	5.75
13	MP1C	X	-54.161	.25
14	MP1C	Z	-93.809	.25
15	MP1C	Mx	-.053	.25
16	MP1C	X	-54.161	5.75
17	MP1C	Z	-93.809	5.75
18	MP1C	Mx	-.053	5.75
19	MP4A	X	-59.781	.25
20	MP4A	Z	-103.544	.25
21	MP4A	Mx	.03	.25
22	MP4A	X	-59.781	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
23	MP4A	Z	-103.544	5.75
24	MP4A	Mx	.03	5.75
25	MP4B	X	-61.498	.25
26	MP4B	Z	-106.517	.25
27	MP4B	Mx	-.011	.25
28	MP4B	X	-61.498	5.75
29	MP4B	Z	-106.517	5.75
30	MP4B	Mx	-.011	5.75
31	MP4C	X	-54.161	.25
32	MP4C	Z	-93.809	.25
33	MP4C	Mx	-.053	.25
34	MP4C	X	-54.161	5.75
35	MP4C	Z	-93.809	5.75
36	MP4C	Mx	-.053	5.75
37	MP2A	X	-65.402	.5
38	MP2A	Z	-113.28	.5
39	MP2A	Mx	-.029	.5
40	MP2A	X	-65.402	5.5
41	MP2A	Z	-113.28	5.5
42	MP2A	Mx	-.029	5.5
43	MP2B	X	-70.723	.5
44	MP2B	Z	-122.496	.5
45	MP2B	Mx	.063	.5
46	MP2B	X	-70.723	5.5
47	MP2B	Z	-122.496	5.5
48	MP2B	Mx	.063	5.5
49	MP2C	X	-47.982	.5
50	MP2C	Z	-83.107	.5
51	MP2C	Mx	-.056	.5
52	MP2C	X	-47.982	5.5
53	MP2C	Z	-83.107	5.5
54	MP2C	Mx	-.056	5.5
55	MP2A	X	-65.402	.5
56	MP2A	Z	-113.28	.5
57	MP2A	Mx	.094	.5
58	MP2A	X	-65.402	5.5
59	MP2A	Z	-113.28	5.5
60	MP2A	Mx	.094	5.5
61	MP2B	X	-70.723	.5
62	MP2B	Z	-122.496	.5
63	MP2B	Mx	-.088	.5
64	MP2B	X	-70.723	5.5
65	MP2B	Z	-122.496	5.5
66	MP2B	Mx	-.088	5.5
67	MP2C	X	-47.982	.5
68	MP2C	Z	-83.107	.5
69	MP2C	Mx	-.038	.5
70	MP2C	X	-47.982	5.5
71	MP2C	Z	-83.107	5.5
72	MP2C	Mx	-.038	5.5
73	MP3A	X	-34.895	2
74	MP3A	Z	-60.439	2
75	MP3A	Mx	.017	2
76	MP3A	X	-34.895	4
77	MP3A	Z	-60.439	4
78	MP3A	Mx	.017	4
79	MP3B	X	-40.4	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
80	MP3B	Z	-69.975	2
81	MP3B	Mx	-.007	2
82	MP3B	X	-40.4	4
83	MP3B	Z	-69.975	4
84	MP3B	Mx	-.007	4
85	MP3C	X	-16.867	2
86	MP3C	Z	-29.215	2
87	MP3C	Mx	-.017	2
88	MP3C	X	-16.867	4
89	MP3C	Z	-29.215	4
90	MP3C	Mx	-.017	4
91	MP1A	X	-30.035	2
92	MP1A	Z	-52.021	2
93	MP1A	Mx	-.01	2
94	MP1B	X	-30.035	2
95	MP1B	Z	-52.021	2
96	MP1B	Mx	-.01	2
97	MP1C	X	-21.891	2
98	MP1C	Z	-37.917	2
99	MP1C	Mx	.015	2
100	MP2A	X	-29.542	2
101	MP2A	Z	-51.168	2
102	MP2A	Mx	-.01	2
103	MP2B	X	-29.542	2
104	MP2B	Z	-51.168	2
105	MP2B	Mx	-.01	2
106	MP2C	X	-19.921	2
107	MP2C	Z	-34.504	2
108	MP2C	Mx	.013	2
109	OVP	X	-58.46	1
110	OVP	Z	-101.256	1
111	OVP	Mx	-.019	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	0	.25
2	MP1A	Z	-22.666	.25
3	MP1A	Mx	0	.25
4	MP1A	X	0	5.75
5	MP1A	Z	-22.666	5.75
6	MP1A	Mx	0	5.75
7	MP1B	X	0	.25
8	MP1B	Z	-22.377	.25
9	MP1B	Mx	.004	.25
10	MP1B	X	0	5.75
11	MP1B	Z	-22.377	5.75
12	MP1B	Mx	.004	5.75
13	MP1C	X	0	.25
14	MP1C	Z	-20.485	.25
15	MP1C	Mx	-.01	.25
16	MP1C	X	0	5.75
17	MP1C	Z	-20.485	5.75
18	MP1C	Mx	-.01	5.75
19	MP4A	X	0	.25
20	MP4A	Z	-22.666	.25
21	MP4A	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
22	MP4A	X	0	5.75
23	MP4A	Z	-22.666	5.75
24	MP4A	Mx	0	5.75
25	MP4B	X	0	.25
26	MP4B	Z	-22.377	.25
27	MP4B	Mx	.004	.25
28	MP4B	X	0	5.75
29	MP4B	Z	-22.377	5.75
30	MP4B	Mx	.004	5.75
31	MP4C	X	0	.25
32	MP4C	Z	-20.485	.25
33	MP4C	Mx	-.01	.25
34	MP4C	X	0	5.75
35	MP4C	Z	-20.485	5.75
36	MP4C	Mx	-.01	5.75
37	MP2A	X	0	.5
38	MP2A	Z	-26.023	.5
39	MP2A	Mx	-.014	.5
40	MP2A	X	0	5.5
41	MP2A	Z	-26.023	5.5
42	MP2A	Mx	-.014	5.5
43	MP2B	X	0	.5
44	MP2B	Z	-25.078	.5
45	MP2B	Mx	.017	.5
46	MP2B	X	0	5.5
47	MP2B	Z	-25.078	5.5
48	MP2B	Mx	.017	5.5
49	MP2C	X	0	.5
50	MP2C	Z	-18.888	.5
51	MP2C	Mx	-.005	.5
52	MP2C	X	0	5.5
53	MP2C	Z	-18.888	5.5
54	MP2C	Mx	-.005	5.5
55	MP2A	X	0	.5
56	MP2A	Z	-26.023	.5
57	MP2A	Mx	.014	.5
58	MP2A	X	0	5.5
59	MP2A	Z	-26.023	5.5
60	MP2A	Mx	.014	5.5
61	MP2B	X	0	.5
62	MP2B	Z	-25.078	.5
63	MP2B	Mx	-.008	.5
64	MP2B	X	0	5.5
65	MP2B	Z	-25.078	5.5
66	MP2B	Mx	-.008	5.5
67	MP2C	X	0	.5
68	MP2C	Z	-18.888	.5
69	MP2C	Mx	-.012	.5
70	MP2C	X	0	5.5
71	MP2C	Z	-18.888	5.5
72	MP2C	Mx	-.012	5.5
73	MP3A	X	0	2
74	MP3A	Z	-15.353	2
75	MP3A	Mx	0	2
76	MP3A	X	0	4
77	MP3A	Z	-15.353	4
78	MP3A	Mx	0	4

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
79	MP3B	X	0	2
80	MP3B	Z	-14.322	2
81	MP3B	Mx	.002	2
82	MP3B	X	0	4
83	MP3B	Z	-14.322	4
84	MP3B	Mx	.002	4
85	MP3C	X	0	2
86	MP3C	Z	-7.567	2
87	MP3C	Mx	-.004	2
88	MP3C	X	0	4
89	MP3C	Z	-7.567	4
90	MP3C	Mx	-.004	4
91	MP1A	X	0	2
92	MP1A	Z	-12.935	2
93	MP1A	Mx	0	2
94	MP1B	X	0	2
95	MP1B	Z	-9.98	2
96	MP1B	Mx	-.003	2
97	MP1C	X	0	2
98	MP1C	Z	-9.98	2
99	MP1C	Mx	.003	2
100	MP2A	X	0	2
101	MP2A	Z	-12.935	2
102	MP2A	Mx	0	2
103	MP2B	X	0	2
104	MP2B	Z	-9.448	2
105	MP2B	Mx	-.003	2
106	MP2C	X	0	2
107	MP2C	Z	-9.448	2
108	MP2C	Mx	.003	2
109	OVP	X	0	1
110	OVP	Z	-20.791	1
111	OVP	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	11.024	.25
2	MP1A	Z	-19.095	.25
3	MP1A	Mx	-.006	.25
4	MP1A	X	11.024	5.75
5	MP1A	Z	-19.095	5.75
6	MP1A	Mx	-.006	5.75
7	MP1B	X	10.609	.25
8	MP1B	Z	-18.375	.25
9	MP1B	Mx	.008	.25
10	MP1B	X	10.609	5.75
11	MP1B	Z	-18.375	5.75
12	MP1B	Mx	.008	5.75
13	MP1C	X	10.823	.25
14	MP1C	Z	-18.746	.25
15	MP1C	Mx	-.007	.25
16	MP1C	X	10.823	5.75
17	MP1C	Z	-18.746	5.75
18	MP1C	Mx	-.007	5.75
19	MP4A	X	11.024	.25
20	MP4A	Z	-19.095	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
21	MP4A	Mx	-.006	.25
22	MP4A	X	11.024	5.75
23	MP4A	Z	-19.095	5.75
24	MP4A	Mx	-.006	5.75
25	MP4B	X	10.609	.25
26	MP4B	Z	-18.375	.25
27	MP4B	Mx	.008	.25
28	MP4B	X	10.609	5.75
29	MP4B	Z	-18.375	5.75
30	MP4B	Mx	.008	5.75
31	MP4C	X	10.823	.25
32	MP4C	Z	-18.746	.25
33	MP4C	Mx	-.007	.25
34	MP4C	X	10.823	5.75
35	MP4C	Z	-18.746	5.75
36	MP4C	Mx	-.007	5.75
37	MP2A	X	12.001	.5
38	MP2A	Z	-20.787	.5
39	MP2A	Mx	-.017	.5
40	MP2A	X	12.001	5.5
41	MP2A	Z	-20.787	5.5
42	MP2A	Mx	-.017	5.5
43	MP2B	X	10.641	.5
44	MP2B	Z	-18.43	.5
45	MP2B	Mx	.016	.5
46	MP2B	X	10.641	5.5
47	MP2B	Z	-18.43	5.5
48	MP2B	Mx	.016	5.5
49	MP2C	X	11.342	.5
50	MP2C	Z	-19.645	.5
51	MP2C	Mx	.002	.5
52	MP2C	X	11.342	5.5
53	MP2C	Z	-19.645	5.5
54	MP2C	Mx	.002	5.5
55	MP2A	X	12.001	.5
56	MP2A	Z	-20.787	.5
57	MP2A	Mx	.005	.5
58	MP2A	X	12.001	5.5
59	MP2A	Z	-20.787	5.5
60	MP2A	Mx	.005	5.5
61	MP2B	X	10.641	.5
62	MP2B	Z	-18.43	.5
63	MP2B	Mx	.000742	.5
64	MP2B	X	10.641	5.5
65	MP2B	Z	-18.43	5.5
66	MP2B	Mx	.000742	5.5
67	MP2C	X	11.342	.5
68	MP2C	Z	-19.645	.5
69	MP2C	Mx	-.017	.5
70	MP2C	X	11.342	5.5
71	MP2C	Z	-19.645	5.5
72	MP2C	Mx	-.017	5.5
73	MP3A	X	6.574	2
74	MP3A	Z	-11.387	2
75	MP3A	Mx	-.003	2
76	MP3A	X	6.574	4
77	MP3A	Z	-11.387	4

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
78	MP3A	Mx	-.003	4
79	MP3B	X	5.089	2
80	MP3B	Z	-8.815	2
81	MP3B	Mx	.004	2
82	MP3B	X	5.089	4
83	MP3B	Z	-8.815	4
84	MP3B	Mx	.004	4
85	MP3C	X	5.855	2
86	MP3C	Z	-10.141	2
87	MP3C	Mx	-.004	2
88	MP3C	X	5.855	4
89	MP3C	Z	-10.141	4
90	MP3C	Mx	-.004	4
91	MP1A	X	5.975	2
92	MP1A	Z	-10.349	2
93	MP1A	Mx	.002	2
94	MP1B	X	4.497	2
95	MP1B	Z	-7.79	2
96	MP1B	Mx	-.003	2
97	MP1C	X	5.975	2
98	MP1C	Z	-10.349	2
99	MP1C	Mx	.002	2
100	MP2A	X	5.886	2
101	MP2A	Z	-10.195	2
102	MP2A	Mx	.002	2
103	MP2B	X	4.143	2
104	MP2B	Z	-7.176	2
105	MP2B	Mx	-.003	2
106	MP2C	X	5.886	2
107	MP2C	Z	-10.195	2
108	MP2C	Mx	.002	2
109	OVP	X	11.12	1
110	OVP	Z	-19.261	1
111	OVP	Mx	.004	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	18.025	.25
2	MP1A	Z	-10.407	.25
3	MP1A	Mx	-.009	.25
4	MP1A	X	18.025	5.75
5	MP1A	Z	-10.407	5.75
6	MP1A	Mx	-.009	5.75
7	MP1B	X	17.555	.25
8	MP1B	Z	-10.136	.25
9	MP1B	Mx	.01	.25
10	MP1B	X	17.555	5.75
11	MP1B	Z	-10.136	5.75
12	MP1B	Mx	.01	5.75
13	MP1C	X	19.565	.25
14	MP1C	Z	-11.296	.25
15	MP1C	Mx	-.002	.25
16	MP1C	X	19.565	5.75
17	MP1C	Z	-11.296	5.75
18	MP1C	Mx	-.002	5.75
19	MP4A	X	18.025	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
20	MP4A	Z	-10.407	.25
21	MP4A	Mx	-.009	.25
22	MP4A	X	18.025	5.75
23	MP4A	Z	-10.407	5.75
24	MP4A	Mx	-.009	5.75
25	MP4B	X	17.555	.25
26	MP4B	Z	-10.136	.25
27	MP4B	Mx	.01	.25
28	MP4B	X	17.555	5.75
29	MP4B	Z	-10.136	5.75
30	MP4B	Mx	.01	5.75
31	MP4C	X	19.565	.25
32	MP4C	Z	-11.296	.25
33	MP4C	Mx	-.002	.25
34	MP4C	X	19.565	5.75
35	MP4C	Z	-11.296	5.75
36	MP4C	Mx	-.002	5.75
37	MP2A	X	17.288	.5
38	MP2A	Z	-9.981	.5
39	MP2A	Mx	-.014	.5
40	MP2A	X	17.288	5.5
41	MP2A	Z	-9.981	5.5
42	MP2A	Mx	-.014	5.5
43	MP2B	X	15.749	.5
44	MP2B	Z	-9.093	.5
45	MP2B	Mx	.011	.5
46	MP2B	X	15.749	5.5
47	MP2B	Z	-9.093	5.5
48	MP2B	Mx	.011	5.5
49	MP2C	X	22.326	.5
50	MP2C	Z	-12.89	.5
51	MP2C	Mx	.012	.5
52	MP2C	X	22.326	5.5
53	MP2C	Z	-12.89	5.5
54	MP2C	Mx	.012	5.5
55	MP2A	X	17.288	.5
56	MP2A	Z	-9.981	.5
57	MP2A	Mx	-.003	.5
58	MP2A	X	17.288	5.5
59	MP2A	Z	-9.981	5.5
60	MP2A	Mx	-.003	5.5
61	MP2B	X	15.749	.5
62	MP2B	Z	-9.093	.5
63	MP2B	Mx	.007	.5
64	MP2B	X	15.749	5.5
65	MP2B	Z	-9.093	5.5
66	MP2B	Mx	.007	5.5
67	MP2C	X	22.326	.5
68	MP2C	Z	-12.89	.5
69	MP2C	Mx	-.016	.5
70	MP2C	X	22.326	5.5
71	MP2C	Z	-12.89	5.5
72	MP2C	Mx	-.016	5.5
73	MP3A	X	7.569	2
74	MP3A	Z	-4.37	2
75	MP3A	Mx	-.004	2
76	MP3A	X	7.569	4

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
77	MP3A	Z	-4.37	4
78	MP3A	Mx	-.004	4
79	MP3B	X	5.891	2
80	MP3B	Z	-3.401	2
81	MP3B	Mx	.003	2
82	MP3B	X	5.891	4
83	MP3B	Z	-3.401	4
84	MP3B	Mx	.003	4
85	MP3C	X	13.066	2
86	MP3C	Z	-7.544	2
87	MP3C	Mx	-.001	2
88	MP3C	X	13.066	4
89	MP3C	Z	-7.544	4
90	MP3C	Mx	-.001	4
91	MP1A	X	8.643	2
92	MP1A	Z	-4.99	2
93	MP1A	Mx	.003	2
94	MP1B	X	8.643	2
95	MP1B	Z	-4.99	2
96	MP1B	Mx	-.003	2
97	MP1C	X	11.202	2
98	MP1C	Z	-6.467	2
99	MP1C	Mx	0	2
100	MP2A	X	8.182	2
101	MP2A	Z	-4.724	2
102	MP2A	Mx	.003	2
103	MP2B	X	8.182	2
104	MP2B	Z	-4.724	2
105	MP2B	Mx	-.003	2
106	MP2C	X	11.202	2
107	MP2C	Z	-6.467	2
108	MP2C	Mx	0	2
109	OVP	X	21.773	1
110	OVP	Z	-12.571	1
111	OVP	Mx	.007	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	20.197	.25
2	MP1A	Z	0	.25
3	MP1A	Mx	-.01	.25
4	MP1A	X	20.197	5.75
5	MP1A	Z	0	5.75
6	MP1A	Mx	-.01	5.75
7	MP1B	X	20.485	.25
8	MP1B	Z	0	.25
9	MP1B	Mx	.01	.25
10	MP1B	X	20.485	5.75
11	MP1B	Z	0	5.75
12	MP1B	Mx	.01	5.75
13	MP1C	X	22.377	.25
14	MP1C	Z	0	.25
15	MP1C	Mx	.004	.25
16	MP1C	X	22.377	5.75
17	MP1C	Z	0	5.75
18	MP1C	Mx	.004	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
19	MP4A	X	20.197	.25
20	MP4A	Z	0	.25
21	MP4A	Mx	-.01	.25
22	MP4A	X	20.197	5.75
23	MP4A	Z	0	5.75
24	MP4A	Mx	-.01	5.75
25	MP4B	X	20.485	.25
26	MP4B	Z	0	.25
27	MP4B	Mx	.01	.25
28	MP4B	X	20.485	5.75
29	MP4B	Z	0	5.75
30	MP4B	Mx	.01	5.75
31	MP4C	X	22.377	.25
32	MP4C	Z	0	.25
33	MP4C	Mx	.004	.25
34	MP4C	X	22.377	5.75
35	MP4C	Z	0	5.75
36	MP4C	Mx	.004	5.75
37	MP2A	X	17.942	.5
38	MP2A	Z	0	.5
39	MP2A	Mx	-.009	.5
40	MP2A	X	17.942	5.5
41	MP2A	Z	0	5.5
42	MP2A	Mx	-.009	5.5
43	MP2B	X	18.888	.5
44	MP2B	Z	0	.5
45	MP2B	Mx	.005	.5
46	MP2B	X	18.888	5.5
47	MP2B	Z	0	5.5
48	MP2B	Mx	.005	5.5
49	MP2C	X	25.078	.5
50	MP2C	Z	0	.5
51	MP2C	Mx	.017	.5
52	MP2C	X	25.078	5.5
53	MP2C	Z	0	5.5
54	MP2C	Mx	.017	5.5
55	MP2A	X	17.942	.5
56	MP2A	Z	0	.5
57	MP2A	Mx	-.009	.5
58	MP2A	X	17.942	5.5
59	MP2A	Z	0	5.5
60	MP2A	Mx	-.009	5.5
61	MP2B	X	18.888	.5
62	MP2B	Z	0	.5
63	MP2B	Mx	.012	.5
64	MP2B	X	18.888	5.5
65	MP2B	Z	0	5.5
66	MP2B	Mx	.012	5.5
67	MP2C	X	25.078	.5
68	MP2C	Z	0	.5
69	MP2C	Mx	-.008	.5
70	MP2C	X	25.078	5.5
71	MP2C	Z	0	5.5
72	MP2C	Mx	-.008	5.5
73	MP3A	X	6.536	2
74	MP3A	Z	0	2
75	MP3A	Mx	-.003	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
76	MP3A	X	6.536	4
77	MP3A	Z	0	4
78	MP3A	Mx	-.003	4
79	MP3B	X	7.567	2
80	MP3B	Z	0	2
81	MP3B	Mx	.004	2
82	MP3B	X	7.567	4
83	MP3B	Z	0	4
84	MP3B	Mx	.004	4
85	MP3C	X	14.322	2
86	MP3C	Z	0	2
87	MP3C	Mx	.002	2
88	MP3C	X	14.322	4
89	MP3C	Z	0	4
90	MP3C	Mx	.002	4
91	MP1A	X	8.995	2
92	MP1A	Z	0	2
93	MP1A	Mx	.003	2
94	MP1B	X	11.95	2
95	MP1B	Z	0	2
96	MP1B	Mx	-.002	2
97	MP1C	X	11.95	2
98	MP1C	Z	0	2
99	MP1C	Mx	-.002	2
100	MP2A	X	8.286	2
101	MP2A	Z	0	2
102	MP2A	Mx	.003	2
103	MP2B	X	11.772	2
104	MP2B	Z	0	2
105	MP2B	Mx	-.002	2
106	MP2C	X	11.772	2
107	MP2C	Z	0	2
108	MP2C	Mx	-.002	2
109	OVP	X	26.591	1
110	OVP	Z	0	1
111	OVP	Mx	.009	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	18.025	.25
2	MP1A	Z	10.407	.25
3	MP1A	Mx	-.009	.25
4	MP1A	X	18.025	5.75
5	MP1A	Z	10.407	5.75
6	MP1A	Mx	-.009	5.75
7	MP1B	X	18.746	.25
8	MP1B	Z	10.823	.25
9	MP1B	Mx	.007	.25
10	MP1B	X	18.746	5.75
11	MP1B	Z	10.823	5.75
12	MP1B	Mx	.007	5.75
13	MP1C	X	18.375	.25
14	MP1C	Z	10.609	.25
15	MP1C	Mx	.008	.25
16	MP1C	X	18.375	5.75
17	MP1C	Z	10.609	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
18	MP1C	Mx	.008	5.75
19	MP4A	X	18.025	.25
20	MP4A	Z	10.407	.25
21	MP4A	Mx	-.009	.25
22	MP4A	X	18.025	5.75
23	MP4A	Z	10.407	5.75
24	MP4A	Mx	-.009	5.75
25	MP4B	X	18.746	.25
26	MP4B	Z	10.823	.25
27	MP4B	Mx	.007	.25
28	MP4B	X	18.746	5.75
29	MP4B	Z	10.823	5.75
30	MP4B	Mx	.007	5.75
31	MP4C	X	18.375	.25
32	MP4C	Z	10.609	.25
33	MP4C	Mx	.008	.25
34	MP4C	X	18.375	5.75
35	MP4C	Z	10.609	5.75
36	MP4C	Mx	.008	5.75
37	MP2A	X	17.288	.5
38	MP2A	Z	9.981	.5
39	MP2A	Mx	-.003	.5
40	MP2A	X	17.288	5.5
41	MP2A	Z	9.981	5.5
42	MP2A	Mx	-.003	5.5
43	MP2B	X	19.645	.5
44	MP2B	Z	11.342	.5
45	MP2B	Mx	-.002	.5
46	MP2B	X	19.645	5.5
47	MP2B	Z	11.342	5.5
48	MP2B	Mx	-.002	5.5
49	MP2C	X	18.43	.5
50	MP2C	Z	10.641	.5
51	MP2C	Mx	.016	.5
52	MP2C	X	18.43	5.5
53	MP2C	Z	10.641	5.5
54	MP2C	Mx	.016	5.5
55	MP2A	X	17.288	.5
56	MP2A	Z	9.981	.5
57	MP2A	Mx	-.014	.5
58	MP2A	X	17.288	5.5
59	MP2A	Z	9.981	5.5
60	MP2A	Mx	-.014	5.5
61	MP2B	X	19.645	.5
62	MP2B	Z	11.342	.5
63	MP2B	Mx	.017	.5
64	MP2B	X	19.645	5.5
65	MP2B	Z	11.342	5.5
66	MP2B	Mx	.017	5.5
67	MP2C	X	18.43	.5
68	MP2C	Z	10.641	.5
69	MP2C	Mx	.000742	.5
70	MP2C	X	18.43	5.5
71	MP2C	Z	10.641	5.5
72	MP2C	Mx	.000742	5.5
73	MP3A	X	7.569	2
74	MP3A	Z	4.37	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
75	MP3A	Mx	-.004	2
76	MP3A	X	7.569	4
77	MP3A	Z	4.37	4
78	MP3A	Mx	-.004	4
79	MP3B	X	10.141	2
80	MP3B	Z	5.855	2
81	MP3B	Mx	.004	2
82	MP3B	X	10.141	4
83	MP3B	Z	5.855	4
84	MP3B	Mx	.004	4
85	MP3C	X	8.815	2
86	MP3C	Z	5.089	2
87	MP3C	Mx	.004	2
88	MP3C	X	8.815	4
89	MP3C	Z	5.089	4
90	MP3C	Mx	.004	4
91	MP1A	X	8.643	2
92	MP1A	Z	4.99	2
93	MP1A	Mx	.003	2
94	MP1B	X	11.202	2
95	MP1B	Z	6.467	2
96	MP1B	Mx	0	2
97	MP1C	X	8.643	2
98	MP1C	Z	4.99	2
99	MP1C	Mx	-.003	2
100	MP2A	X	8.182	2
101	MP2A	Z	4.724	2
102	MP2A	Mx	.003	2
103	MP2B	X	11.202	2
104	MP2B	Z	6.467	2
105	MP2B	Mx	0	2
106	MP2C	X	8.182	2
107	MP2C	Z	4.724	2
108	MP2C	Mx	-.003	2
109	OVP	X	21.773	1
110	OVP	Z	12.571	1
111	OVP	Mx	.007	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	11.024	.25
2	MP1A	Z	19.095	.25
3	MP1A	Mx	-.006	.25
4	MP1A	X	11.024	5.75
5	MP1A	Z	19.095	5.75
6	MP1A	Mx	-.006	5.75
7	MP1B	X	11.296	.25
8	MP1B	Z	19.565	.25
9	MP1B	Mx	.002	.25
10	MP1B	X	11.296	5.75
11	MP1B	Z	19.565	5.75
12	MP1B	Mx	.002	5.75
13	MP1C	X	10.136	.25
14	MP1C	Z	17.555	.25
15	MP1C	Mx	.01	.25
16	MP1C	X	10.136	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
17	MP1C	Z	17.555	5.75
18	MP1C	Mx	.01	5.75
19	MP4A	X	11.024	.25
20	MP4A	Z	19.095	.25
21	MP4A	Mx	-.006	.25
22	MP4A	X	11.024	5.75
23	MP4A	Z	19.095	5.75
24	MP4A	Mx	-.006	5.75
25	MP4B	X	11.296	.25
26	MP4B	Z	19.565	.25
27	MP4B	Mx	.002	.25
28	MP4B	X	11.296	5.75
29	MP4B	Z	19.565	5.75
30	MP4B	Mx	.002	5.75
31	MP4C	X	10.136	.25
32	MP4C	Z	17.555	.25
33	MP4C	Mx	.01	.25
34	MP4C	X	10.136	5.75
35	MP4C	Z	17.555	5.75
36	MP4C	Mx	.01	5.75
37	MP2A	X	12.001	.5
38	MP2A	Z	20.787	.5
39	MP2A	Mx	.005	.5
40	MP2A	X	12.001	5.5
41	MP2A	Z	20.787	5.5
42	MP2A	Mx	.005	5.5
43	MP2B	X	12.89	.5
44	MP2B	Z	22.326	.5
45	MP2B	Mx	-.012	.5
46	MP2B	X	12.89	5.5
47	MP2B	Z	22.326	5.5
48	MP2B	Mx	-.012	5.5
49	MP2C	X	9.093	.5
50	MP2C	Z	15.749	.5
51	MP2C	Mx	.011	.5
52	MP2C	X	9.093	5.5
53	MP2C	Z	15.749	5.5
54	MP2C	Mx	.011	5.5
55	MP2A	X	12.001	.5
56	MP2A	Z	20.787	.5
57	MP2A	Mx	-.017	.5
58	MP2A	X	12.001	5.5
59	MP2A	Z	20.787	5.5
60	MP2A	Mx	-.017	5.5
61	MP2B	X	12.89	.5
62	MP2B	Z	22.326	.5
63	MP2B	Mx	.016	.5
64	MP2B	X	12.89	5.5
65	MP2B	Z	22.326	5.5
66	MP2B	Mx	.016	5.5
67	MP2C	X	9.093	.5
68	MP2C	Z	15.749	.5
69	MP2C	Mx	.007	.5
70	MP2C	X	9.093	5.5
71	MP2C	Z	15.749	5.5
72	MP2C	Mx	.007	5.5
73	MP3A	X	6.574	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
74	MP3A	Z	11.387	2
75	MP3A	Mx	-.003	2
76	MP3A	X	6.574	4
77	MP3A	Z	11.387	4
78	MP3A	Mx	-.003	4
79	MP3B	X	7.544	2
80	MP3B	Z	13.066	2
81	MP3B	Mx	.001	2
82	MP3B	X	7.544	4
83	MP3B	Z	13.066	4
84	MP3B	Mx	.001	4
85	MP3C	X	3.401	2
86	MP3C	Z	5.891	2
87	MP3C	Mx	.003	2
88	MP3C	X	3.401	4
89	MP3C	Z	5.891	4
90	MP3C	Mx	.003	4
91	MP1A	X	5.975	2
92	MP1A	Z	10.349	2
93	MP1A	Mx	.002	2
94	MP1B	X	5.975	2
95	MP1B	Z	10.349	2
96	MP1B	Mx	.002	2
97	MP1C	X	4.497	2
98	MP1C	Z	7.79	2
99	MP1C	Mx	-.003	2
100	MP2A	X	5.886	2
101	MP2A	Z	10.195	2
102	MP2A	Mx	.002	2
103	MP2B	X	5.886	2
104	MP2B	Z	10.195	2
105	MP2B	Mx	.002	2
106	MP2C	X	4.143	2
107	MP2C	Z	7.176	2
108	MP2C	Mx	-.003	2
109	OVP	X	11.12	1
110	OVP	Z	19.261	1
111	OVP	Mx	.004	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	0	.25
2	MP1A	Z	22.666	.25
3	MP1A	Mx	0	.25
4	MP1A	X	0	5.75
5	MP1A	Z	22.666	5.75
6	MP1A	Mx	0	5.75
7	MP1B	X	0	.25
8	MP1B	Z	22.377	.25
9	MP1B	Mx	-.004	.25
10	MP1B	X	0	5.75
11	MP1B	Z	22.377	5.75
12	MP1B	Mx	-.004	5.75
13	MP1C	X	0	.25
14	MP1C	Z	20.485	.25
15	MP1C	Mx	.01	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
16	MP1C	X	0	5.75
17	MP1C	Z	20.485	5.75
18	MP1C	Mx	.01	5.75
19	MP4A	X	0	.25
20	MP4A	Z	22.666	.25
21	MP4A	Mx	0	.25
22	MP4A	X	0	5.75
23	MP4A	Z	22.666	5.75
24	MP4A	Mx	0	5.75
25	MP4B	X	0	.25
26	MP4B	Z	22.377	.25
27	MP4B	Mx	-.004	.25
28	MP4B	X	0	5.75
29	MP4B	Z	22.377	5.75
30	MP4B	Mx	-.004	5.75
31	MP4C	X	0	.25
32	MP4C	Z	20.485	.25
33	MP4C	Mx	.01	.25
34	MP4C	X	0	5.75
35	MP4C	Z	20.485	5.75
36	MP4C	Mx	.01	5.75
37	MP2A	X	0	.5
38	MP2A	Z	26.023	.5
39	MP2A	Mx	.014	.5
40	MP2A	X	0	5.5
41	MP2A	Z	26.023	5.5
42	MP2A	Mx	.014	5.5
43	MP2B	X	0	.5
44	MP2B	Z	25.078	.5
45	MP2B	Mx	-.017	.5
46	MP2B	X	0	5.5
47	MP2B	Z	25.078	5.5
48	MP2B	Mx	-.017	5.5
49	MP2C	X	0	.5
50	MP2C	Z	18.888	.5
51	MP2C	Mx	.005	.5
52	MP2C	X	0	5.5
53	MP2C	Z	18.888	5.5
54	MP2C	Mx	.005	5.5
55	MP2A	X	0	.5
56	MP2A	Z	26.023	.5
57	MP2A	Mx	-.014	.5
58	MP2A	X	0	5.5
59	MP2A	Z	26.023	5.5
60	MP2A	Mx	-.014	5.5
61	MP2B	X	0	.5
62	MP2B	Z	25.078	.5
63	MP2B	Mx	.008	.5
64	MP2B	X	0	5.5
65	MP2B	Z	25.078	5.5
66	MP2B	Mx	.008	5.5
67	MP2C	X	0	.5
68	MP2C	Z	18.888	.5
69	MP2C	Mx	.012	.5
70	MP2C	X	0	5.5
71	MP2C	Z	18.888	5.5
72	MP2C	Mx	.012	5.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
73	MP3A	X	0	2
74	MP3A	Z	15.353	2
75	MP3A	Mx	0	2
76	MP3A	X	0	4
77	MP3A	Z	15.353	4
78	MP3A	Mx	0	4
79	MP3B	X	0	2
80	MP3B	Z	14.322	2
81	MP3B	Mx	-.002	2
82	MP3B	X	0	4
83	MP3B	Z	14.322	4
84	MP3B	Mx	-.002	4
85	MP3C	X	0	2
86	MP3C	Z	7.567	2
87	MP3C	Mx	.004	2
88	MP3C	X	0	4
89	MP3C	Z	7.567	4
90	MP3C	Mx	.004	4
91	MP1A	X	0	2
92	MP1A	Z	12.935	2
93	MP1A	Mx	0	2
94	MP1B	X	0	2
95	MP1B	Z	9.98	2
96	MP1B	Mx	.003	2
97	MP1C	X	0	2
98	MP1C	Z	9.98	2
99	MP1C	Mx	-.003	2
100	MP2A	X	0	2
101	MP2A	Z	12.935	2
102	MP2A	Mx	0	2
103	MP2B	X	0	2
104	MP2B	Z	9.448	2
105	MP2B	Mx	.003	2
106	MP2C	X	0	2
107	MP2C	Z	9.448	2
108	MP2C	Mx	-.003	2
109	OVP	X	0	1
110	OVP	Z	20.791	1
111	OVP	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-11.024	.25
2	MP1A	Z	19.095	.25
3	MP1A	Mx	.006	.25
4	MP1A	X	-11.024	5.75
5	MP1A	Z	19.095	5.75
6	MP1A	Mx	.006	5.75
7	MP1B	X	-10.609	.25
8	MP1B	Z	18.375	.25
9	MP1B	Mx	-.008	.25
10	MP1B	X	-10.609	5.75
11	MP1B	Z	18.375	5.75
12	MP1B	Mx	-.008	5.75
13	MP1C	X	-10.823	.25
14	MP1C	Z	18.746	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
15	MP1C	Mx	.007	.25
16	MP1C	X	-10.823	5.75
17	MP1C	Z	18.746	5.75
18	MP1C	Mx	.007	5.75
19	MP4A	X	-11.024	.25
20	MP4A	Z	19.095	.25
21	MP4A	Mx	.006	.25
22	MP4A	X	-11.024	5.75
23	MP4A	Z	19.095	5.75
24	MP4A	Mx	.006	5.75
25	MP4B	X	-10.609	.25
26	MP4B	Z	18.375	.25
27	MP4B	Mx	-.008	.25
28	MP4B	X	-10.609	5.75
29	MP4B	Z	18.375	5.75
30	MP4B	Mx	-.008	5.75
31	MP4C	X	-10.823	.25
32	MP4C	Z	18.746	.25
33	MP4C	Mx	.007	.25
34	MP4C	X	-10.823	5.75
35	MP4C	Z	18.746	5.75
36	MP4C	Mx	.007	5.75
37	MP2A	X	-12.001	.5
38	MP2A	Z	20.787	.5
39	MP2A	Mx	.017	.5
40	MP2A	X	-12.001	5.5
41	MP2A	Z	20.787	5.5
42	MP2A	Mx	.017	5.5
43	MP2B	X	-10.641	.5
44	MP2B	Z	18.43	.5
45	MP2B	Mx	-.016	.5
46	MP2B	X	-10.641	5.5
47	MP2B	Z	18.43	5.5
48	MP2B	Mx	-.016	5.5
49	MP2C	X	-11.342	.5
50	MP2C	Z	19.645	.5
51	MP2C	Mx	-.002	.5
52	MP2C	X	-11.342	5.5
53	MP2C	Z	19.645	5.5
54	MP2C	Mx	-.002	5.5
55	MP2A	X	-12.001	.5
56	MP2A	Z	20.787	.5
57	MP2A	Mx	-.005	.5
58	MP2A	X	-12.001	5.5
59	MP2A	Z	20.787	5.5
60	MP2A	Mx	-.005	5.5
61	MP2B	X	-10.641	.5
62	MP2B	Z	18.43	.5
63	MP2B	Mx	-.000742	.5
64	MP2B	X	-10.641	5.5
65	MP2B	Z	18.43	5.5
66	MP2B	Mx	-.000742	5.5
67	MP2C	X	-11.342	.5
68	MP2C	Z	19.645	.5
69	MP2C	Mx	.017	.5
70	MP2C	X	-11.342	5.5
71	MP2C	Z	19.645	5.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
72	MP2C	Mx	.017	5.5
73	MP3A	X	-6.574	2
74	MP3A	Z	11.387	2
75	MP3A	Mx	.003	2
76	MP3A	X	-6.574	4
77	MP3A	Z	11.387	4
78	MP3A	Mx	.003	4
79	MP3B	X	-5.089	2
80	MP3B	Z	8.815	2
81	MP3B	Mx	-.004	2
82	MP3B	X	-5.089	4
83	MP3B	Z	8.815	4
84	MP3B	Mx	-.004	4
85	MP3C	X	-5.855	2
86	MP3C	Z	10.141	2
87	MP3C	Mx	.004	2
88	MP3C	X	-5.855	4
89	MP3C	Z	10.141	4
90	MP3C	Mx	.004	4
91	MP1A	X	-5.975	2
92	MP1A	Z	10.349	2
93	MP1A	Mx	-.002	2
94	MP1B	X	-4.497	2
95	MP1B	Z	7.79	2
96	MP1B	Mx	.003	2
97	MP1C	X	-5.975	2
98	MP1C	Z	10.349	2
99	MP1C	Mx	-.002	2
100	MP2A	X	-5.886	2
101	MP2A	Z	10.195	2
102	MP2A	Mx	-.002	2
103	MP2B	X	-4.143	2
104	MP2B	Z	7.176	2
105	MP2B	Mx	.003	2
106	MP2C	X	-5.886	2
107	MP2C	Z	10.195	2
108	MP2C	Mx	-.002	2
109	OVP	X	-11.12	1
110	OVP	Z	19.261	1
111	OVP	Mx	-.004	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-18.025	.25
2	MP1A	Z	10.407	.25
3	MP1A	Mx	.009	.25
4	MP1A	X	-18.025	5.75
5	MP1A	Z	10.407	5.75
6	MP1A	Mx	.009	5.75
7	MP1B	X	-17.555	.25
8	MP1B	Z	10.136	.25
9	MP1B	Mx	-.01	.25
10	MP1B	X	-17.555	5.75
11	MP1B	Z	10.136	5.75
12	MP1B	Mx	-.01	5.75
13	MP1C	X	-19.565	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
14	MP1C	Z	11.296	.25
15	MP1C	Mx	.002	.25
16	MP1C	X	-19.565	5.75
17	MP1C	Z	11.296	5.75
18	MP1C	Mx	.002	5.75
19	MP4A	X	-18.025	.25
20	MP4A	Z	10.407	.25
21	MP4A	Mx	.009	.25
22	MP4A	X	-18.025	5.75
23	MP4A	Z	10.407	5.75
24	MP4A	Mx	.009	5.75
25	MP4B	X	-17.555	.25
26	MP4B	Z	10.136	.25
27	MP4B	Mx	-.01	.25
28	MP4B	X	-17.555	5.75
29	MP4B	Z	10.136	5.75
30	MP4B	Mx	-.01	5.75
31	MP4C	X	-19.565	.25
32	MP4C	Z	11.296	.25
33	MP4C	Mx	.002	.25
34	MP4C	X	-19.565	5.75
35	MP4C	Z	11.296	5.75
36	MP4C	Mx	.002	5.75
37	MP2A	X	-17.288	.5
38	MP2A	Z	9.981	.5
39	MP2A	Mx	.014	.5
40	MP2A	X	-17.288	5.5
41	MP2A	Z	9.981	5.5
42	MP2A	Mx	.014	5.5
43	MP2B	X	-15.749	.5
44	MP2B	Z	9.093	.5
45	MP2B	Mx	-.011	.5
46	MP2B	X	-15.749	5.5
47	MP2B	Z	9.093	5.5
48	MP2B	Mx	-.011	5.5
49	MP2C	X	-22.326	.5
50	MP2C	Z	12.89	.5
51	MP2C	Mx	-.012	.5
52	MP2C	X	-22.326	5.5
53	MP2C	Z	12.89	5.5
54	MP2C	Mx	-.012	5.5
55	MP2A	X	-17.288	.5
56	MP2A	Z	9.981	.5
57	MP2A	Mx	.003	.5
58	MP2A	X	-17.288	5.5
59	MP2A	Z	9.981	5.5
60	MP2A	Mx	.003	5.5
61	MP2B	X	-15.749	.5
62	MP2B	Z	9.093	.5
63	MP2B	Mx	-.007	.5
64	MP2B	X	-15.749	5.5
65	MP2B	Z	9.093	5.5
66	MP2B	Mx	-.007	5.5
67	MP2C	X	-22.326	.5
68	MP2C	Z	12.89	.5
69	MP2C	Mx	.016	.5
70	MP2C	X	-22.326	5.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
71	MP2C	Z	12.89	5.5
72	MP2C	Mx	.016	5.5
73	MP3A	X	-7.569	2
74	MP3A	Z	4.37	2
75	MP3A	Mx	.004	2
76	MP3A	X	-7.569	4
77	MP3A	Z	4.37	4
78	MP3A	Mx	.004	4
79	MP3B	X	-5.891	2
80	MP3B	Z	3.401	2
81	MP3B	Mx	-.003	2
82	MP3B	X	-5.891	4
83	MP3B	Z	3.401	4
84	MP3B	Mx	-.003	4
85	MP3C	X	-13.066	2
86	MP3C	Z	7.544	2
87	MP3C	Mx	.001	2
88	MP3C	X	-13.066	4
89	MP3C	Z	7.544	4
90	MP3C	Mx	.001	4
91	MP1A	X	-8.643	2
92	MP1A	Z	4.99	2
93	MP1A	Mx	-.003	2
94	MP1B	X	-8.643	2
95	MP1B	Z	4.99	2
96	MP1B	Mx	.003	2
97	MP1C	X	-11.202	2
98	MP1C	Z	6.467	2
99	MP1C	Mx	0	2
100	MP2A	X	-8.182	2
101	MP2A	Z	4.724	2
102	MP2A	Mx	-.003	2
103	MP2B	X	-8.182	2
104	MP2B	Z	4.724	2
105	MP2B	Mx	.003	2
106	MP2C	X	-11.202	2
107	MP2C	Z	6.467	2
108	MP2C	Mx	0	2
109	OVP	X	-21.773	1
110	OVP	Z	12.571	1
111	OVP	Mx	-.007	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-20.197	.25
2	MP1A	Z	0	.25
3	MP1A	Mx	.01	.25
4	MP1A	X	-20.197	5.75
5	MP1A	Z	0	5.75
6	MP1A	Mx	.01	5.75
7	MP1B	X	-20.485	.25
8	MP1B	Z	0	.25
9	MP1B	Mx	-.01	.25
10	MP1B	X	-20.485	5.75
11	MP1B	Z	0	5.75
12	MP1B	Mx	-.01	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
13	MP1C	X	-22.377	.25
14	MP1C	Z	0	.25
15	MP1C	Mx	-.004	.25
16	MP1C	X	-22.377	5.75
17	MP1C	Z	0	5.75
18	MP1C	Mx	-.004	5.75
19	MP4A	X	-20.197	.25
20	MP4A	Z	0	.25
21	MP4A	Mx	.01	.25
22	MP4A	X	-20.197	5.75
23	MP4A	Z	0	5.75
24	MP4A	Mx	.01	5.75
25	MP4B	X	-20.485	.25
26	MP4B	Z	0	.25
27	MP4B	Mx	-.01	.25
28	MP4B	X	-20.485	5.75
29	MP4B	Z	0	5.75
30	MP4B	Mx	-.01	5.75
31	MP4C	X	-22.377	.25
32	MP4C	Z	0	.25
33	MP4C	Mx	-.004	.25
34	MP4C	X	-22.377	5.75
35	MP4C	Z	0	5.75
36	MP4C	Mx	-.004	5.75
37	MP2A	X	-17.942	.5
38	MP2A	Z	0	.5
39	MP2A	Mx	.009	.5
40	MP2A	X	-17.942	5.5
41	MP2A	Z	0	5.5
42	MP2A	Mx	.009	5.5
43	MP2B	X	-18.888	.5
44	MP2B	Z	0	.5
45	MP2B	Mx	-.005	.5
46	MP2B	X	-18.888	5.5
47	MP2B	Z	0	5.5
48	MP2B	Mx	-.005	5.5
49	MP2C	X	-25.078	.5
50	MP2C	Z	0	.5
51	MP2C	Mx	-.017	.5
52	MP2C	X	-25.078	5.5
53	MP2C	Z	0	5.5
54	MP2C	Mx	-.017	5.5
55	MP2A	X	-17.942	.5
56	MP2A	Z	0	.5
57	MP2A	Mx	.009	.5
58	MP2A	X	-17.942	5.5
59	MP2A	Z	0	5.5
60	MP2A	Mx	.009	5.5
61	MP2B	X	-18.888	.5
62	MP2B	Z	0	.5
63	MP2B	Mx	-.012	.5
64	MP2B	X	-18.888	5.5
65	MP2B	Z	0	5.5
66	MP2B	Mx	-.012	5.5
67	MP2C	X	-25.078	.5
68	MP2C	Z	0	.5
69	MP2C	Mx	.008	.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
70	MP2C	X	-25.078	5.5
71	MP2C	Z	0	5.5
72	MP2C	Mx	.008	5.5
73	MP3A	X	-6.536	2
74	MP3A	Z	0	2
75	MP3A	Mx	.003	2
76	MP3A	X	-6.536	4
77	MP3A	Z	0	4
78	MP3A	Mx	.003	4
79	MP3B	X	-7.567	2
80	MP3B	Z	0	2
81	MP3B	Mx	-.004	2
82	MP3B	X	-7.567	4
83	MP3B	Z	0	4
84	MP3B	Mx	-.004	4
85	MP3C	X	-14.322	2
86	MP3C	Z	0	2
87	MP3C	Mx	-.002	2
88	MP3C	X	-14.322	4
89	MP3C	Z	0	4
90	MP3C	Mx	-.002	4
91	MP1A	X	-8.995	2
92	MP1A	Z	0	2
93	MP1A	Mx	-.003	2
94	MP1B	X	-11.95	2
95	MP1B	Z	0	2
96	MP1B	Mx	.002	2
97	MP1C	X	-11.95	2
98	MP1C	Z	0	2
99	MP1C	Mx	.002	2
100	MP2A	X	-8.286	2
101	MP2A	Z	0	2
102	MP2A	Mx	-.003	2
103	MP2B	X	-11.772	2
104	MP2B	Z	0	2
105	MP2B	Mx	.002	2
106	MP2C	X	-11.772	2
107	MP2C	Z	0	2
108	MP2C	Mx	.002	2
109	OVP	X	-26.591	1
110	OVP	Z	0	1
111	OVP	Mx	-.009	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-18.025	.25
2	MP1A	Z	-10.407	.25
3	MP1A	Mx	.009	.25
4	MP1A	X	-18.025	5.75
5	MP1A	Z	-10.407	5.75
6	MP1A	Mx	.009	5.75
7	MP1B	X	-18.746	.25
8	MP1B	Z	-10.823	.25
9	MP1B	Mx	-.007	.25
10	MP1B	X	-18.746	5.75
11	MP1B	Z	-10.823	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
12	MP1B	Mx	-.007	5.75
13	MP1C	X	-18.375	.25
14	MP1C	Z	-10.609	.25
15	MP1C	Mx	-.008	.25
16	MP1C	X	-18.375	5.75
17	MP1C	Z	-10.609	5.75
18	MP1C	Mx	-.008	5.75
19	MP4A	X	-18.025	.25
20	MP4A	Z	-10.407	.25
21	MP4A	Mx	.009	.25
22	MP4A	X	-18.025	5.75
23	MP4A	Z	-10.407	5.75
24	MP4A	Mx	.009	5.75
25	MP4B	X	-18.746	.25
26	MP4B	Z	-10.823	.25
27	MP4B	Mx	-.007	.25
28	MP4B	X	-18.746	5.75
29	MP4B	Z	-10.823	5.75
30	MP4B	Mx	-.007	5.75
31	MP4C	X	-18.375	.25
32	MP4C	Z	-10.609	.25
33	MP4C	Mx	-.008	.25
34	MP4C	X	-18.375	5.75
35	MP4C	Z	-10.609	5.75
36	MP4C	Mx	-.008	5.75
37	MP2A	X	-17.288	.5
38	MP2A	Z	-9.981	.5
39	MP2A	Mx	.003	.5
40	MP2A	X	-17.288	5.5
41	MP2A	Z	-9.981	5.5
42	MP2A	Mx	.003	5.5
43	MP2B	X	-19.645	.5
44	MP2B	Z	-11.342	.5
45	MP2B	Mx	.002	.5
46	MP2B	X	-19.645	5.5
47	MP2B	Z	-11.342	5.5
48	MP2B	Mx	.002	5.5
49	MP2C	X	-18.43	.5
50	MP2C	Z	-10.641	.5
51	MP2C	Mx	-.016	.5
52	MP2C	X	-18.43	5.5
53	MP2C	Z	-10.641	5.5
54	MP2C	Mx	-.016	5.5
55	MP2A	X	-17.288	.5
56	MP2A	Z	-9.981	.5
57	MP2A	Mx	.014	.5
58	MP2A	X	-17.288	5.5
59	MP2A	Z	-9.981	5.5
60	MP2A	Mx	.014	5.5
61	MP2B	X	-19.645	.5
62	MP2B	Z	-11.342	.5
63	MP2B	Mx	-.017	.5
64	MP2B	X	-19.645	5.5
65	MP2B	Z	-11.342	5.5
66	MP2B	Mx	-.017	5.5
67	MP2C	X	-18.43	.5
68	MP2C	Z	-10.641	.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
69	MP2C	Mx	-.000742	.5
70	MP2C	X	-18.43	5.5
71	MP2C	Z	-10.641	5.5
72	MP2C	Mx	-.000742	5.5
73	MP3A	X	-7.569	2
74	MP3A	Z	-4.37	2
75	MP3A	Mx	.004	2
76	MP3A	X	-7.569	4
77	MP3A	Z	-4.37	4
78	MP3A	Mx	.004	4
79	MP3B	X	-10.141	2
80	MP3B	Z	-5.855	2
81	MP3B	Mx	-.004	2
82	MP3B	X	-10.141	4
83	MP3B	Z	-5.855	4
84	MP3B	Mx	-.004	4
85	MP3C	X	-8.815	2
86	MP3C	Z	-5.089	2
87	MP3C	Mx	-.004	2
88	MP3C	X	-8.815	4
89	MP3C	Z	-5.089	4
90	MP3C	Mx	-.004	4
91	MP1A	X	-8.643	2
92	MP1A	Z	-4.99	2
93	MP1A	Mx	-.003	2
94	MP1B	X	-11.202	2
95	MP1B	Z	-6.467	2
96	MP1B	Mx	0	2
97	MP1C	X	-8.643	2
98	MP1C	Z	-4.99	2
99	MP1C	Mx	.003	2
100	MP2A	X	-8.182	2
101	MP2A	Z	-4.724	2
102	MP2A	Mx	-.003	2
103	MP2B	X	-11.202	2
104	MP2B	Z	-6.467	2
105	MP2B	Mx	0	2
106	MP2C	X	-8.182	2
107	MP2C	Z	-4.724	2
108	MP2C	Mx	.003	2
109	OVP	X	-21.773	1
110	OVP	Z	-12.571	1
111	OVP	Mx	-.007	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-11.024	.25
2	MP1A	Z	-19.095	.25
3	MP1A	Mx	.006	.25
4	MP1A	X	-11.024	5.75
5	MP1A	Z	-19.095	5.75
6	MP1A	Mx	.006	5.75
7	MP1B	X	-11.296	.25
8	MP1B	Z	-19.565	.25
9	MP1B	Mx	-.002	.25
10	MP1B	X	-11.296	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
11	MP1B	Z	-19.565	5.75
12	MP1B	Mx	-.002	5.75
13	MP1C	X	-10.136	.25
14	MP1C	Z	-17.555	.25
15	MP1C	Mx	-.01	.25
16	MP1C	X	-10.136	5.75
17	MP1C	Z	-17.555	5.75
18	MP1C	Mx	-.01	5.75
19	MP4A	X	-11.024	.25
20	MP4A	Z	-19.095	.25
21	MP4A	Mx	.006	.25
22	MP4A	X	-11.024	5.75
23	MP4A	Z	-19.095	5.75
24	MP4A	Mx	.006	5.75
25	MP4B	X	-11.296	.25
26	MP4B	Z	-19.565	.25
27	MP4B	Mx	-.002	.25
28	MP4B	X	-11.296	5.75
29	MP4B	Z	-19.565	5.75
30	MP4B	Mx	-.002	5.75
31	MP4C	X	-10.136	.25
32	MP4C	Z	-17.555	.25
33	MP4C	Mx	-.01	.25
34	MP4C	X	-10.136	5.75
35	MP4C	Z	-17.555	5.75
36	MP4C	Mx	-.01	5.75
37	MP2A	X	-12.001	.5
38	MP2A	Z	-20.787	.5
39	MP2A	Mx	-.005	.5
40	MP2A	X	-12.001	5.5
41	MP2A	Z	-20.787	5.5
42	MP2A	Mx	-.005	5.5
43	MP2B	X	-12.89	.5
44	MP2B	Z	-22.326	.5
45	MP2B	Mx	.012	.5
46	MP2B	X	-12.89	5.5
47	MP2B	Z	-22.326	5.5
48	MP2B	Mx	.012	5.5
49	MP2C	X	-9.093	.5
50	MP2C	Z	-15.749	.5
51	MP2C	Mx	-.011	.5
52	MP2C	X	-9.093	5.5
53	MP2C	Z	-15.749	5.5
54	MP2C	Mx	-.011	5.5
55	MP2A	X	-12.001	.5
56	MP2A	Z	-20.787	.5
57	MP2A	Mx	.017	.5
58	MP2A	X	-12.001	5.5
59	MP2A	Z	-20.787	5.5
60	MP2A	Mx	.017	5.5
61	MP2B	X	-12.89	.5
62	MP2B	Z	-22.326	.5
63	MP2B	Mx	-.016	.5
64	MP2B	X	-12.89	5.5
65	MP2B	Z	-22.326	5.5
66	MP2B	Mx	-.016	5.5
67	MP2C	X	-9.093	.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
68	MP2C	Z	-15.749	.5
69	MP2C	Mx	-.007	.5
70	MP2C	X	-9.093	5.5
71	MP2C	Z	-15.749	5.5
72	MP2C	Mx	-.007	5.5
73	MP3A	X	-6.574	2
74	MP3A	Z	-11.387	2
75	MP3A	Mx	.003	2
76	MP3A	X	-6.574	4
77	MP3A	Z	-11.387	4
78	MP3A	Mx	.003	4
79	MP3B	X	-7.544	2
80	MP3B	Z	-13.066	2
81	MP3B	Mx	-.001	2
82	MP3B	X	-7.544	4
83	MP3B	Z	-13.066	4
84	MP3B	Mx	-.001	4
85	MP3C	X	-3.401	2
86	MP3C	Z	-5.891	2
87	MP3C	Mx	-.003	2
88	MP3C	X	-3.401	4
89	MP3C	Z	-5.891	4
90	MP3C	Mx	-.003	4
91	MP1A	X	-5.975	2
92	MP1A	Z	-10.349	2
93	MP1A	Mx	-.002	2
94	MP1B	X	-5.975	2
95	MP1B	Z	-10.349	2
96	MP1B	Mx	-.002	2
97	MP1C	X	-4.497	2
98	MP1C	Z	-7.79	2
99	MP1C	Mx	.003	2
100	MP2A	X	-5.886	2
101	MP2A	Z	-10.195	2
102	MP2A	Mx	-.002	2
103	MP2B	X	-5.886	2
104	MP2B	Z	-10.195	2
105	MP2B	Mx	-.002	2
106	MP2C	X	-4.143	2
107	MP2C	Z	-7.176	2
108	MP2C	Mx	.003	2
109	OVP	X	-11.12	1
110	OVP	Z	-19.261	1
111	OVP	Mx	-.004	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	0	.25
2	MP1A	Z	-7.345	.25
3	MP1A	Mx	0	.25
4	MP1A	X	0	5.75
5	MP1A	Z	-7.345	5.75
6	MP1A	Mx	0	5.75
7	MP1B	X	0	.25
8	MP1B	Z	-7.236	.25
9	MP1B	Mx	.001	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
10	MP1B	X	0	5.75
11	MP1B	Z	-7.236	5.75
12	MP1B	Mx	.001	5.75
13	MP1C	X	0	.25
14	MP1C	Z	-6.525	.25
15	MP1C	Mx	-.003	.25
16	MP1C	X	0	5.75
17	MP1C	Z	-6.525	5.75
18	MP1C	Mx	-.003	5.75
19	MP4A	X	0	.25
20	MP4A	Z	-7.345	.25
21	MP4A	Mx	0	.25
22	MP4A	X	0	5.75
23	MP4A	Z	-7.345	5.75
24	MP4A	Mx	0	5.75
25	MP4B	X	0	.25
26	MP4B	Z	-7.236	.25
27	MP4B	Mx	.001	.25
28	MP4B	X	0	5.75
29	MP4B	Z	-7.236	5.75
30	MP4B	Mx	.001	5.75
31	MP4C	X	0	.25
32	MP4C	Z	-6.525	.25
33	MP4C	Mx	-.003	.25
34	MP4C	X	0	5.75
35	MP4C	Z	-6.525	5.75
36	MP4C	Mx	-.003	5.75
37	MP2A	X	0	.5
38	MP2A	Z	-8.501	.5
39	MP2A	Mx	-.005	.5
40	MP2A	X	0	5.5
41	MP2A	Z	-8.501	5.5
42	MP2A	Mx	-.005	5.5
43	MP2B	X	0	.5
44	MP2B	Z	-8.164	.5
45	MP2B	Mx	.006	.5
46	MP2B	X	0	5.5
47	MP2B	Z	-8.164	5.5
48	MP2B	Mx	.006	5.5
49	MP2C	X	0	.5
50	MP2C	Z	-5.959	.5
51	MP2C	Mx	-.002	.5
52	MP2C	X	0	5.5
53	MP2C	Z	-5.959	5.5
54	MP2C	Mx	-.002	5.5
55	MP2A	X	0	.5
56	MP2A	Z	-8.501	.5
57	MP2A	Mx	.005	.5
58	MP2A	X	0	5.5
59	MP2A	Z	-8.501	5.5
60	MP2A	Mx	.005	5.5
61	MP2B	X	0	.5
62	MP2B	Z	-8.164	.5
63	MP2B	Mx	-.003	.5
64	MP2B	X	0	5.5
65	MP2B	Z	-8.164	5.5
66	MP2B	Mx	-.003	5.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
67	MP2C	X	0	.5
68	MP2C	Z	-5.959	.5
69	MP2C	Mx	-.004	.5
70	MP2C	X	0	5.5
71	MP2C	Z	-5.959	5.5
72	MP2C	Mx	-.004	5.5
73	MP3A	X	0	2
74	MP3A	Z	-4.897	2
75	MP3A	Mx	0	2
76	MP3A	X	0	4
77	MP3A	Z	-4.897	4
78	MP3A	Mx	0	4
79	MP3B	X	0	2
80	MP3B	Z	-4.548	2
81	MP3B	Mx	.000778	2
82	MP3B	X	0	4
83	MP3B	Z	-4.548	4
84	MP3B	Mx	.000778	4
85	MP3C	X	0	2
86	MP3C	Z	-2.266	2
87	MP3C	Mx	-.001	2
88	MP3C	X	0	4
89	MP3C	Z	-2.266	4
90	MP3C	Mx	-.001	4
91	MP1A	X	0	2
92	MP1A	Z	-3.896	2
93	MP1A	Mx	0	2
94	MP1B	X	0	2
95	MP1B	Z	-2.927	2
96	MP1B	Mx	-.000845	2
97	MP1C	X	0	2
98	MP1C	Z	-2.927	2
99	MP1C	Mx	.000845	2
100	MP2A	X	0	2
101	MP2A	Z	-3.896	2
102	MP2A	Mx	0	2
103	MP2B	X	0	2
104	MP2B	Z	-2.752	2
105	MP2B	Mx	-.000794	2
106	MP2C	X	0	2
107	MP2C	Z	-2.752	2
108	MP2C	Mx	.000794	2
109	OVP	X	0	1
110	OVP	Z	-6.454	1
111	OVP	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	3.556	.25
2	MP1A	Z	-6.16	.25
3	MP1A	Mx	-.002	.25
4	MP1A	X	3.556	5.75
5	MP1A	Z	-6.16	5.75
6	MP1A	Mx	-.002	5.75
7	MP1B	X	3.4	.25
8	MP1B	Z	-5.889	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
9	MP1B	Mx	.003	.25
10	MP1B	X	3.4	5.75
11	MP1B	Z	-5.889	5.75
12	MP1B	Mx	.003	5.75
13	MP1C	X	3.48	.25
14	MP1C	Z	-6.028	.25
15	MP1C	Mx	-.002	.25
16	MP1C	X	3.48	5.75
17	MP1C	Z	-6.028	5.75
18	MP1C	Mx	-.002	5.75
19	MP4A	X	3.556	.25
20	MP4A	Z	-6.16	.25
21	MP4A	Mx	-.002	.25
22	MP4A	X	3.556	5.75
23	MP4A	Z	-6.16	5.75
24	MP4A	Mx	-.002	5.75
25	MP4B	X	3.4	.25
26	MP4B	Z	-5.889	.25
27	MP4B	Mx	.003	.25
28	MP4B	X	3.4	5.75
29	MP4B	Z	-5.889	5.75
30	MP4B	Mx	.003	5.75
31	MP4C	X	3.48	.25
32	MP4C	Z	-6.028	.25
33	MP4C	Mx	-.002	.25
34	MP4C	X	3.48	5.75
35	MP4C	Z	-6.028	5.75
36	MP4C	Mx	-.002	5.75
37	MP2A	X	3.891	.5
38	MP2A	Z	-6.739	.5
39	MP2A	Mx	-.006	.5
40	MP2A	X	3.891	5.5
41	MP2A	Z	-6.739	5.5
42	MP2A	Mx	-.006	5.5
43	MP2B	X	3.406	.5
44	MP2B	Z	-5.899	.5
45	MP2B	Mx	.005	.5
46	MP2B	X	3.406	5.5
47	MP2B	Z	-5.899	5.5
48	MP2B	Mx	.005	5.5
49	MP2C	X	3.656	.5
50	MP2C	Z	-6.332	.5
51	MP2C	Mx	.000684	.5
52	MP2C	X	3.656	5.5
53	MP2C	Z	-6.332	5.5
54	MP2C	Mx	.000684	5.5
55	MP2A	X	3.891	.5
56	MP2A	Z	-6.739	.5
57	MP2A	Mx	.002	.5
58	MP2A	X	3.891	5.5
59	MP2A	Z	-6.739	5.5
60	MP2A	Mx	.002	5.5
61	MP2B	X	3.406	.5
62	MP2B	Z	-5.899	.5
63	MP2B	Mx	.000237	.5
64	MP2B	X	3.406	5.5
65	MP2B	Z	-5.899	5.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
66	MP2B	Mx	.000237	5.5
67	MP2C	X	3.656	.5
68	MP2C	Z	-6.332	.5
69	MP2C	Mx	-.005	.5
70	MP2C	X	3.656	5.5
71	MP2C	Z	-6.332	5.5
72	MP2C	Mx	-.005	5.5
73	MP3A	X	2.076	2
74	MP3A	Z	-3.595	2
75	MP3A	Mx	-.001	2
76	MP3A	X	2.076	4
77	MP3A	Z	-3.595	4
78	MP3A	Mx	-.001	4
79	MP3B	X	1.574	2
80	MP3B	Z	-2.726	2
81	MP3B	Mx	.001	2
82	MP3B	X	1.574	4
83	MP3B	Z	-2.726	4
84	MP3B	Mx	.001	4
85	MP3C	X	1.833	2
86	MP3C	Z	-3.174	2
87	MP3C	Mx	-.001	2
88	MP3C	X	1.833	4
89	MP3C	Z	-3.174	4
90	MP3C	Mx	-.001	4
91	MP1A	X	1.787	2
92	MP1A	Z	-3.095	2
93	MP1A	Mx	.000596	2
94	MP1B	X	1.302	2
95	MP1B	Z	-2.256	2
96	MP1B	Mx	-.000868	2
97	MP1C	X	1.787	2
98	MP1C	Z	-3.095	2
99	MP1C	Mx	.000596	2
100	MP2A	X	1.757	2
101	MP2A	Z	-3.044	2
102	MP2A	Mx	.000586	2
103	MP2B	X	1.185	2
104	MP2B	Z	-2.053	2
105	MP2B	Mx	-.00079	2
106	MP2C	X	1.757	2
107	MP2C	Z	-3.044	2
108	MP2C	Mx	.000586	2
109	OVP	X	3.478	1
110	OVP	Z	-6.024	1
111	OVP	Mx	.001	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	5.757	.25
2	MP1A	Z	-3.324	.25
3	MP1A	Mx	-.003	.25
4	MP1A	X	5.757	5.75
5	MP1A	Z	-3.324	5.75
6	MP1A	Mx	-.003	5.75
7	MP1B	X	5.581	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
8	MP1B	Z	-3.222	.25
9	MP1B	Mx	.003	.25
10	MP1B	X	5.581	5.75
11	MP1B	Z	-3.222	5.75
12	MP1B	Mx	.003	5.75
13	MP1C	X	6.337	.25
14	MP1C	Z	-3.658	.25
15	MP1C	Mx	-.000635	.25
16	MP1C	X	6.337	5.75
17	MP1C	Z	-3.658	5.75
18	MP1C	Mx	-.000635	5.75
19	MP4A	X	5.757	.25
20	MP4A	Z	-3.324	.25
21	MP4A	Mx	-.003	.25
22	MP4A	X	5.757	5.75
23	MP4A	Z	-3.324	5.75
24	MP4A	Mx	-.003	5.75
25	MP4B	X	5.581	.25
26	MP4B	Z	-3.222	.25
27	MP4B	Mx	.003	.25
28	MP4B	X	5.581	5.75
29	MP4B	Z	-3.222	5.75
30	MP4B	Mx	.003	5.75
31	MP4C	X	6.337	.25
32	MP4C	Z	-3.658	.25
33	MP4C	Mx	-.000635	.25
34	MP4C	X	6.337	5.75
35	MP4C	Z	-3.658	5.75
36	MP4C	Mx	-.000635	5.75
37	MP2A	X	5.492	.5
38	MP2A	Z	-3.171	.5
39	MP2A	Mx	-.004	.5
40	MP2A	X	5.492	5.5
41	MP2A	Z	-3.171	5.5
42	MP2A	Mx	-.004	5.5
43	MP2B	X	4.944	.5
44	MP2B	Z	-2.854	.5
45	MP2B	Mx	.003	.5
46	MP2B	X	4.944	5.5
47	MP2B	Z	-2.854	5.5
48	MP2B	Mx	.003	5.5
49	MP2C	X	7.287	.5
50	MP2C	Z	-4.207	.5
51	MP2C	Mx	.004	.5
52	MP2C	X	7.287	5.5
53	MP2C	Z	-4.207	5.5
54	MP2C	Mx	.004	5.5
55	MP2A	X	5.492	.5
56	MP2A	Z	-3.171	.5
57	MP2A	Mx	-.001	.5
58	MP2A	X	5.492	5.5
59	MP2A	Z	-3.171	5.5
60	MP2A	Mx	-.001	5.5
61	MP2B	X	4.944	.5
62	MP2B	Z	-2.854	.5
63	MP2B	Mx	.002	.5
64	MP2B	X	4.944	5.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
65	MP2B	Z	-2.854	5.5
66	MP2B	Mx	.002	5.5
67	MP2C	X	7.287	.5
68	MP2C	Z	-4.207	.5
69	MP2C	Mx	-.005	.5
70	MP2C	X	7.287	5.5
71	MP2C	Z	-4.207	5.5
72	MP2C	Mx	-.005	5.5
73	MP3A	X	2.305	2
74	MP3A	Z	-1.331	2
75	MP3A	Mx	-.001	2
76	MP3A	X	2.305	4
77	MP3A	Z	-1.331	4
78	MP3A	Mx	-.001	4
79	MP3B	X	1.738	2
80	MP3B	Z	-1.003	2
81	MP3B	Mx	.000988	2
82	MP3B	X	1.738	4
83	MP3B	Z	-1.003	4
84	MP3B	Mx	.000988	4
85	MP3C	X	4.163	2
86	MP3C	Z	-2.403	2
87	MP3C	Mx	-.000417	2
88	MP3C	X	4.163	4
89	MP3C	Z	-2.403	4
90	MP3C	Mx	-.000417	4
91	MP1A	X	2.535	2
92	MP1A	Z	-1.464	2
93	MP1A	Mx	.000845	2
94	MP1B	X	2.535	2
95	MP1B	Z	-1.464	2
96	MP1B	Mx	-.000845	2
97	MP1C	X	3.374	2
98	MP1C	Z	-1.948	2
99	MP1C	Mx	0	2
100	MP2A	X	2.383	2
101	MP2A	Z	-1.376	2
102	MP2A	Mx	.000794	2
103	MP2B	X	2.383	2
104	MP2B	Z	-1.376	2
105	MP2B	Mx	-.000794	2
106	MP2C	X	3.374	2
107	MP2C	Z	-1.948	2
108	MP2C	Mx	0	2
109	OVP	X	6.892	1
110	OVP	Z	-3.979	1
111	OVP	Mx	.002	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	6.416	.25
2	MP1A	Z	0	.25
3	MP1A	Mx	-.003	.25
4	MP1A	X	6.416	5.75
5	MP1A	Z	0	5.75
6	MP1A	Mx	-.003	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
7	MP1B	X	6.525	.25
8	MP1B	Z	0	.25
9	MP1B	Mx	.003	.25
10	MP1B	X	6.525	5.75
11	MP1B	Z	0	5.75
12	MP1B	Mx	.003	5.75
13	MP1C	X	7.236	.25
14	MP1C	Z	0	.25
15	MP1C	Mx	.001	.25
16	MP1C	X	7.236	5.75
17	MP1C	Z	0	5.75
18	MP1C	Mx	.001	5.75
19	MP4A	X	6.416	.25
20	MP4A	Z	0	.25
21	MP4A	Mx	-.003	.25
22	MP4A	X	6.416	5.75
23	MP4A	Z	0	5.75
24	MP4A	Mx	-.003	5.75
25	MP4B	X	6.525	.25
26	MP4B	Z	0	.25
27	MP4B	Mx	.003	.25
28	MP4B	X	6.525	5.75
29	MP4B	Z	0	5.75
30	MP4B	Mx	.003	5.75
31	MP4C	X	7.236	.25
32	MP4C	Z	0	.25
33	MP4C	Mx	.001	.25
34	MP4C	X	7.236	5.75
35	MP4C	Z	0	5.75
36	MP4C	Mx	.001	5.75
37	MP2A	X	5.622	.5
38	MP2A	Z	0	.5
39	MP2A	Mx	-.003	.5
40	MP2A	X	5.622	5.5
41	MP2A	Z	0	5.5
42	MP2A	Mx	-.003	5.5
43	MP2B	X	5.959	.5
44	MP2B	Z	0	.5
45	MP2B	Mx	.002	.5
46	MP2B	X	5.959	5.5
47	MP2B	Z	0	5.5
48	MP2B	Mx	.002	5.5
49	MP2C	X	8.164	.5
50	MP2C	Z	0	.5
51	MP2C	Mx	.006	.5
52	MP2C	X	8.164	5.5
53	MP2C	Z	0	5.5
54	MP2C	Mx	.006	5.5
55	MP2A	X	5.622	.5
56	MP2A	Z	0	.5
57	MP2A	Mx	-.003	.5
58	MP2A	X	5.622	5.5
59	MP2A	Z	0	5.5
60	MP2A	Mx	-.003	5.5
61	MP2B	X	5.959	.5
62	MP2B	Z	0	.5
63	MP2B	Mx	.004	.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
64	MP2B	X	5.959	5.5
65	MP2B	Z	0	5.5
66	MP2B	Mx	.004	5.5
67	MP2C	X	8.164	.5
68	MP2C	Z	0	.5
69	MP2C	Mx	-.003	.5
70	MP2C	X	8.164	5.5
71	MP2C	Z	0	5.5
72	MP2C	Mx	-.003	5.5
73	MP3A	X	1.917	2
74	MP3A	Z	0	2
75	MP3A	Mx	-.000958	2
76	MP3A	X	1.917	4
77	MP3A	Z	0	4
78	MP3A	Mx	-.000958	4
79	MP3B	X	2.266	2
80	MP3B	Z	0	2
81	MP3B	Mx	.001	2
82	MP3B	X	2.266	4
83	MP3B	Z	0	4
84	MP3B	Mx	.001	4
85	MP3C	X	4.548	2
86	MP3C	Z	0	2
87	MP3C	Mx	.000778	2
88	MP3C	X	4.548	4
89	MP3C	Z	0	4
90	MP3C	Mx	.000778	4
91	MP1A	X	2.605	2
92	MP1A	Z	0	2
93	MP1A	Mx	.000868	2
94	MP1B	X	3.573	2
95	MP1B	Z	0	2
96	MP1B	Mx	-.000596	2
97	MP1C	X	3.573	2
98	MP1C	Z	0	2
99	MP1C	Mx	-.000596	2
100	MP2A	X	2.37	2
101	MP2A	Z	0	2
102	MP2A	Mx	.00079	2
103	MP2B	X	3.515	2
104	MP2B	Z	0	2
105	MP2B	Mx	-.000586	2
106	MP2C	X	3.515	2
107	MP2C	Z	0	2
108	MP2C	Mx	-.000586	2
109	OVP	X	8.46	1
110	OVP	Z	0	1
111	OVP	Mx	.003	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	5.757	.25
2	MP1A	Z	3.324	.25
3	MP1A	Mx	-.003	.25
4	MP1A	X	5.757	5.75
5	MP1A	Z	3.324	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
6	MP1A	Mx	-.003	5.75
7	MP1B	X	6.028	.25
8	MP1B	Z	3.48	.25
9	MP1B	Mx	.002	.25
10	MP1B	X	6.028	5.75
11	MP1B	Z	3.48	5.75
12	MP1B	Mx	.002	5.75
13	MP1C	X	5.889	.25
14	MP1C	Z	3.4	.25
15	MP1C	Mx	.003	.25
16	MP1C	X	5.889	5.75
17	MP1C	Z	3.4	5.75
18	MP1C	Mx	.003	5.75
19	MP4A	X	5.757	.25
20	MP4A	Z	3.324	.25
21	MP4A	Mx	-.003	.25
22	MP4A	X	5.757	5.75
23	MP4A	Z	3.324	5.75
24	MP4A	Mx	-.003	5.75
25	MP4B	X	6.028	.25
26	MP4B	Z	3.48	.25
27	MP4B	Mx	.002	.25
28	MP4B	X	6.028	5.75
29	MP4B	Z	3.48	5.75
30	MP4B	Mx	.002	5.75
31	MP4C	X	5.889	.25
32	MP4C	Z	3.4	.25
33	MP4C	Mx	.003	.25
34	MP4C	X	5.889	5.75
35	MP4C	Z	3.4	5.75
36	MP4C	Mx	.003	5.75
37	MP2A	X	5.492	.5
38	MP2A	Z	3.171	.5
39	MP2A	Mx	-.001	.5
40	MP2A	X	5.492	5.5
41	MP2A	Z	3.171	5.5
42	MP2A	Mx	-.001	5.5
43	MP2B	X	6.332	.5
44	MP2B	Z	3.656	.5
45	MP2B	Mx	-.000684	.5
46	MP2B	X	6.332	5.5
47	MP2B	Z	3.656	5.5
48	MP2B	Mx	-.000684	5.5
49	MP2C	X	5.899	.5
50	MP2C	Z	3.406	.5
51	MP2C	Mx	.005	.5
52	MP2C	X	5.899	5.5
53	MP2C	Z	3.406	5.5
54	MP2C	Mx	.005	5.5
55	MP2A	X	5.492	.5
56	MP2A	Z	3.171	.5
57	MP2A	Mx	-.004	.5
58	MP2A	X	5.492	5.5
59	MP2A	Z	3.171	5.5
60	MP2A	Mx	-.004	5.5
61	MP2B	X	6.332	.5
62	MP2B	Z	3.656	.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
63	MP2B	Mx	.005	.5
64	MP2B	X	6.332	5.5
65	MP2B	Z	3.656	5.5
66	MP2B	Mx	.005	5.5
67	MP2C	X	5.899	.5
68	MP2C	Z	3.406	.5
69	MP2C	Mx	.000237	.5
70	MP2C	X	5.899	5.5
71	MP2C	Z	3.406	5.5
72	MP2C	Mx	.000237	5.5
73	MP3A	X	2.305	2
74	MP3A	Z	1.331	2
75	MP3A	Mx	-.001	2
76	MP3A	X	2.305	4
77	MP3A	Z	1.331	4
78	MP3A	Mx	-.001	4
79	MP3B	X	3.174	2
80	MP3B	Z	1.833	2
81	MP3B	Mx	.001	2
82	MP3B	X	3.174	4
83	MP3B	Z	1.833	4
84	MP3B	Mx	.001	4
85	MP3C	X	2.726	2
86	MP3C	Z	1.574	2
87	MP3C	Mx	.001	2
88	MP3C	X	2.726	4
89	MP3C	Z	1.574	4
90	MP3C	Mx	.001	4
91	MP1A	X	2.535	2
92	MP1A	Z	1.464	2
93	MP1A	Mx	.000845	2
94	MP1B	X	3.374	2
95	MP1B	Z	1.948	2
96	MP1B	Mx	0	2
97	MP1C	X	2.535	2
98	MP1C	Z	1.464	2
99	MP1C	Mx	-.000845	2
100	MP2A	X	2.383	2
101	MP2A	Z	1.376	2
102	MP2A	Mx	.000794	2
103	MP2B	X	3.374	2
104	MP2B	Z	1.948	2
105	MP2B	Mx	0	2
106	MP2C	X	2.383	2
107	MP2C	Z	1.376	2
108	MP2C	Mx	-.000794	2
109	OVP	X	6.892	1
110	OVP	Z	3.979	1
111	OVP	Mx	.002	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	3.556	.25
2	MP1A	Z	6.16	.25
3	MP1A	Mx	-.002	.25
4	MP1A	X	3.556	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
5	MP1A	Z	6.16	5.75
6	MP1A	Mx	-.002	5.75
7	MP1B	X	3.658	.25
8	MP1B	Z	6.337	.25
9	MP1B	Mx	.000635	.25
10	MP1B	X	3.658	5.75
11	MP1B	Z	6.337	5.75
12	MP1B	Mx	.000635	5.75
13	MP1C	X	3.222	.25
14	MP1C	Z	5.581	.25
15	MP1C	Mx	.003	.25
16	MP1C	X	3.222	5.75
17	MP1C	Z	5.581	5.75
18	MP1C	Mx	.003	5.75
19	MP4A	X	3.556	.25
20	MP4A	Z	6.16	.25
21	MP4A	Mx	-.002	.25
22	MP4A	X	3.556	5.75
23	MP4A	Z	6.16	5.75
24	MP4A	Mx	-.002	5.75
25	MP4B	X	3.658	.25
26	MP4B	Z	6.337	.25
27	MP4B	Mx	.000635	.25
28	MP4B	X	3.658	5.75
29	MP4B	Z	6.337	5.75
30	MP4B	Mx	.000635	5.75
31	MP4C	X	3.222	.25
32	MP4C	Z	5.581	.25
33	MP4C	Mx	.003	.25
34	MP4C	X	3.222	5.75
35	MP4C	Z	5.581	5.75
36	MP4C	Mx	.003	5.75
37	MP2A	X	3.891	.5
38	MP2A	Z	6.739	.5
39	MP2A	Mx	.002	.5
40	MP2A	X	3.891	5.5
41	MP2A	Z	6.739	5.5
42	MP2A	Mx	.002	5.5
43	MP2B	X	4.207	.5
44	MP2B	Z	7.287	.5
45	MP2B	Mx	-.004	.5
46	MP2B	X	4.207	5.5
47	MP2B	Z	7.287	5.5
48	MP2B	Mx	-.004	5.5
49	MP2C	X	2.854	.5
50	MP2C	Z	4.944	.5
51	MP2C	Mx	.003	.5
52	MP2C	X	2.854	5.5
53	MP2C	Z	4.944	5.5
54	MP2C	Mx	.003	5.5
55	MP2A	X	3.891	.5
56	MP2A	Z	6.739	.5
57	MP2A	Mx	-.006	.5
58	MP2A	X	3.891	5.5
59	MP2A	Z	6.739	5.5
60	MP2A	Mx	-.006	5.5
61	MP2B	X	4.207	.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
62	MP2B	Z	7.287	.5
63	MP2B	Mx	.005	.5
64	MP2B	X	4.207	5.5
65	MP2B	Z	7.287	5.5
66	MP2B	Mx	.005	5.5
67	MP2C	X	2.854	.5
68	MP2C	Z	4.944	.5
69	MP2C	Mx	.002	.5
70	MP2C	X	2.854	5.5
71	MP2C	Z	4.944	5.5
72	MP2C	Mx	.002	5.5
73	MP3A	X	2.076	2
74	MP3A	Z	3.595	2
75	MP3A	Mx	-.001	2
76	MP3A	X	2.076	4
77	MP3A	Z	3.595	4
78	MP3A	Mx	-.001	4
79	MP3B	X	2.403	2
80	MP3B	Z	4.163	2
81	MP3B	Mx	.000417	2
82	MP3B	X	2.403	4
83	MP3B	Z	4.163	4
84	MP3B	Mx	.000417	4
85	MP3C	X	1.003	2
86	MP3C	Z	1.738	2
87	MP3C	Mx	.000988	2
88	MP3C	X	1.003	4
89	MP3C	Z	1.738	4
90	MP3C	Mx	.000988	4
91	MP1A	X	1.787	2
92	MP1A	Z	3.095	2
93	MP1A	Mx	.000596	2
94	MP1B	X	1.787	2
95	MP1B	Z	3.095	2
96	MP1B	Mx	.000596	2
97	MP1C	X	1.302	2
98	MP1C	Z	2.256	2
99	MP1C	Mx	-.000868	2
100	MP2A	X	1.757	2
101	MP2A	Z	3.044	2
102	MP2A	Mx	.000586	2
103	MP2B	X	1.757	2
104	MP2B	Z	3.044	2
105	MP2B	Mx	.000586	2
106	MP2C	X	1.185	2
107	MP2C	Z	2.053	2
108	MP2C	Mx	-.00079	2
109	OVP	X	3.478	1
110	OVP	Z	6.024	1
111	OVP	Mx	.001	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	0	.25
2	MP1A	Z	7.345	.25
3	MP1A	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
4	MP1A	X	0	5.75
5	MP1A	Z	7.345	5.75
6	MP1A	Mx	0	5.75
7	MP1B	X	0	.25
8	MP1B	Z	7.236	.25
9	MP1B	Mx	-.001	.25
10	MP1B	X	0	5.75
11	MP1B	Z	7.236	5.75
12	MP1B	Mx	-.001	5.75
13	MP1C	X	0	.25
14	MP1C	Z	6.525	.25
15	MP1C	Mx	.003	.25
16	MP1C	X	0	5.75
17	MP1C	Z	6.525	5.75
18	MP1C	Mx	.003	5.75
19	MP4A	X	0	.25
20	MP4A	Z	7.345	.25
21	MP4A	Mx	0	.25
22	MP4A	X	0	5.75
23	MP4A	Z	7.345	5.75
24	MP4A	Mx	0	5.75
25	MP4B	X	0	.25
26	MP4B	Z	7.236	.25
27	MP4B	Mx	-.001	.25
28	MP4B	X	0	5.75
29	MP4B	Z	7.236	5.75
30	MP4B	Mx	-.001	5.75
31	MP4C	X	0	.25
32	MP4C	Z	6.525	.25
33	MP4C	Mx	.003	.25
34	MP4C	X	0	5.75
35	MP4C	Z	6.525	5.75
36	MP4C	Mx	.003	5.75
37	MP2A	X	0	.5
38	MP2A	Z	8.501	.5
39	MP2A	Mx	.005	.5
40	MP2A	X	0	5.5
41	MP2A	Z	8.501	5.5
42	MP2A	Mx	.005	5.5
43	MP2B	X	0	.5
44	MP2B	Z	8.164	.5
45	MP2B	Mx	-.006	.5
46	MP2B	X	0	5.5
47	MP2B	Z	8.164	5.5
48	MP2B	Mx	-.006	5.5
49	MP2C	X	0	.5
50	MP2C	Z	5.959	.5
51	MP2C	Mx	.002	.5
52	MP2C	X	0	5.5
53	MP2C	Z	5.959	5.5
54	MP2C	Mx	.002	5.5
55	MP2A	X	0	.5
56	MP2A	Z	8.501	.5
57	MP2A	Mx	-.005	.5
58	MP2A	X	0	5.5
59	MP2A	Z	8.501	5.5
60	MP2A	Mx	-.005	5.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
61	MP2B	X	0	.5
62	MP2B	Z	8.164	.5
63	MP2B	Mx	.003	.5
64	MP2B	X	0	5.5
65	MP2B	Z	8.164	5.5
66	MP2B	Mx	.003	5.5
67	MP2C	X	0	.5
68	MP2C	Z	5.959	.5
69	MP2C	Mx	.004	.5
70	MP2C	X	0	5.5
71	MP2C	Z	5.959	5.5
72	MP2C	Mx	.004	5.5
73	MP3A	X	0	2
74	MP3A	Z	4.897	2
75	MP3A	Mx	0	2
76	MP3A	X	0	4
77	MP3A	Z	4.897	4
78	MP3A	Mx	0	4
79	MP3B	X	0	2
80	MP3B	Z	4.548	2
81	MP3B	Mx	-.000778	2
82	MP3B	X	0	4
83	MP3B	Z	4.548	4
84	MP3B	Mx	-.000778	4
85	MP3C	X	0	2
86	MP3C	Z	2.266	2
87	MP3C	Mx	.001	2
88	MP3C	X	0	4
89	MP3C	Z	2.266	4
90	MP3C	Mx	.001	4
91	MP1A	X	0	2
92	MP1A	Z	3.896	2
93	MP1A	Mx	0	2
94	MP1B	X	0	2
95	MP1B	Z	2.927	2
96	MP1B	Mx	.000845	2
97	MP1C	X	0	2
98	MP1C	Z	2.927	2
99	MP1C	Mx	-.000845	2
100	MP2A	X	0	2
101	MP2A	Z	3.896	2
102	MP2A	Mx	0	2
103	MP2B	X	0	2
104	MP2B	Z	2.752	2
105	MP2B	Mx	.000794	2
106	MP2C	X	0	2
107	MP2C	Z	2.752	2
108	MP2C	Mx	-.000794	2
109	OVP	X	0	1
110	OVP	Z	6.454	1
111	OVP	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-3.556	.25
2	MP1A	Z	6.16	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
3	MP1A	Mx	.002	.25
4	MP1A	X	-3.556	5.75
5	MP1A	Z	6.16	5.75
6	MP1A	Mx	.002	5.75
7	MP1B	X	-3.4	.25
8	MP1B	Z	5.889	.25
9	MP1B	Mx	-.003	.25
10	MP1B	X	-3.4	5.75
11	MP1B	Z	5.889	5.75
12	MP1B	Mx	-.003	5.75
13	MP1C	X	-3.48	.25
14	MP1C	Z	6.028	.25
15	MP1C	Mx	.002	.25
16	MP1C	X	-3.48	5.75
17	MP1C	Z	6.028	5.75
18	MP1C	Mx	.002	5.75
19	MP4A	X	-3.556	.25
20	MP4A	Z	6.16	.25
21	MP4A	Mx	.002	.25
22	MP4A	X	-3.556	5.75
23	MP4A	Z	6.16	5.75
24	MP4A	Mx	.002	5.75
25	MP4B	X	-3.4	.25
26	MP4B	Z	5.889	.25
27	MP4B	Mx	-.003	.25
28	MP4B	X	-3.4	5.75
29	MP4B	Z	5.889	5.75
30	MP4B	Mx	-.003	5.75
31	MP4C	X	-3.48	.25
32	MP4C	Z	6.028	.25
33	MP4C	Mx	.002	.25
34	MP4C	X	-3.48	5.75
35	MP4C	Z	6.028	5.75
36	MP4C	Mx	.002	5.75
37	MP2A	X	-3.891	.5
38	MP2A	Z	6.739	.5
39	MP2A	Mx	.006	.5
40	MP2A	X	-3.891	5.5
41	MP2A	Z	6.739	5.5
42	MP2A	Mx	.006	5.5
43	MP2B	X	-3.406	.5
44	MP2B	Z	5.899	.5
45	MP2B	Mx	-.005	.5
46	MP2B	X	-3.406	5.5
47	MP2B	Z	5.899	5.5
48	MP2B	Mx	-.005	5.5
49	MP2C	X	-3.656	.5
50	MP2C	Z	6.332	.5
51	MP2C	Mx	-.000684	.5
52	MP2C	X	-3.656	5.5
53	MP2C	Z	6.332	5.5
54	MP2C	Mx	-.000684	5.5
55	MP2A	X	-3.891	.5
56	MP2A	Z	6.739	.5
57	MP2A	Mx	-.002	.5
58	MP2A	X	-3.891	5.5
59	MP2A	Z	6.739	5.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
60	MP2A	Mx	-.002	5.5
61	MP2B	X	-3.406	.5
62	MP2B	Z	5.899	.5
63	MP2B	Mx	-.000237	.5
64	MP2B	X	-3.406	5.5
65	MP2B	Z	5.899	5.5
66	MP2B	Mx	-.000237	5.5
67	MP2C	X	-3.656	.5
68	MP2C	Z	6.332	.5
69	MP2C	Mx	.005	.5
70	MP2C	X	-3.656	5.5
71	MP2C	Z	6.332	5.5
72	MP2C	Mx	.005	5.5
73	MP3A	X	-2.076	2
74	MP3A	Z	3.595	2
75	MP3A	Mx	.001	2
76	MP3A	X	-2.076	4
77	MP3A	Z	3.595	4
78	MP3A	Mx	.001	4
79	MP3B	X	-1.574	2
80	MP3B	Z	2.726	2
81	MP3B	Mx	-.001	2
82	MP3B	X	-1.574	4
83	MP3B	Z	2.726	4
84	MP3B	Mx	-.001	4
85	MP3C	X	-1.833	2
86	MP3C	Z	3.174	2
87	MP3C	Mx	.001	2
88	MP3C	X	-1.833	4
89	MP3C	Z	3.174	4
90	MP3C	Mx	.001	4
91	MP1A	X	-1.787	2
92	MP1A	Z	3.095	2
93	MP1A	Mx	-.000596	2
94	MP1B	X	-1.302	2
95	MP1B	Z	2.256	2
96	MP1B	Mx	.000868	2
97	MP1C	X	-1.787	2
98	MP1C	Z	3.095	2
99	MP1C	Mx	-.000596	2
100	MP2A	X	-1.757	2
101	MP2A	Z	3.044	2
102	MP2A	Mx	-.000586	2
103	MP2B	X	-1.185	2
104	MP2B	Z	2.053	2
105	MP2B	Mx	.00079	2
106	MP2C	X	-1.757	2
107	MP2C	Z	3.044	2
108	MP2C	Mx	-.000586	2
109	OVP	X	-3.478	1
110	OVP	Z	6.024	1
111	OVP	Mx	-.001	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-5.757	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
2	MP1A	Z	3.324	.25
3	MP1A	Mx	.003	.25
4	MP1A	X	-5.757	5.75
5	MP1A	Z	3.324	5.75
6	MP1A	Mx	.003	5.75
7	MP1B	X	-5.581	.25
8	MP1B	Z	3.222	.25
9	MP1B	Mx	-.003	.25
10	MP1B	X	-5.581	5.75
11	MP1B	Z	3.222	5.75
12	MP1B	Mx	-.003	5.75
13	MP1C	X	-6.337	.25
14	MP1C	Z	3.658	.25
15	MP1C	Mx	.000635	.25
16	MP1C	X	-6.337	5.75
17	MP1C	Z	3.658	5.75
18	MP1C	Mx	.000635	5.75
19	MP4A	X	-5.757	.25
20	MP4A	Z	3.324	.25
21	MP4A	Mx	.003	.25
22	MP4A	X	-5.757	5.75
23	MP4A	Z	3.324	5.75
24	MP4A	Mx	.003	5.75
25	MP4B	X	-5.581	.25
26	MP4B	Z	3.222	.25
27	MP4B	Mx	-.003	.25
28	MP4B	X	-5.581	5.75
29	MP4B	Z	3.222	5.75
30	MP4B	Mx	-.003	5.75
31	MP4C	X	-6.337	.25
32	MP4C	Z	3.658	.25
33	MP4C	Mx	.000635	.25
34	MP4C	X	-6.337	5.75
35	MP4C	Z	3.658	5.75
36	MP4C	Mx	.000635	5.75
37	MP2A	X	-5.492	.5
38	MP2A	Z	3.171	.5
39	MP2A	Mx	.004	.5
40	MP2A	X	-5.492	5.5
41	MP2A	Z	3.171	5.5
42	MP2A	Mx	.004	5.5
43	MP2B	X	-4.944	.5
44	MP2B	Z	2.854	.5
45	MP2B	Mx	-.003	.5
46	MP2B	X	-4.944	5.5
47	MP2B	Z	2.854	5.5
48	MP2B	Mx	-.003	5.5
49	MP2C	X	-7.287	.5
50	MP2C	Z	4.207	.5
51	MP2C	Mx	-.004	.5
52	MP2C	X	-7.287	5.5
53	MP2C	Z	4.207	5.5
54	MP2C	Mx	-.004	5.5
55	MP2A	X	-5.492	.5
56	MP2A	Z	3.171	.5
57	MP2A	Mx	.001	.5
58	MP2A	X	-5.492	5.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
59	MP2A	Z	3.171	5.5
60	MP2A	Mx	.001	5.5
61	MP2B	X	-4.944	.5
62	MP2B	Z	2.854	.5
63	MP2B	Mx	-.002	.5
64	MP2B	X	-4.944	5.5
65	MP2B	Z	2.854	5.5
66	MP2B	Mx	-.002	5.5
67	MP2C	X	-7.287	.5
68	MP2C	Z	4.207	.5
69	MP2C	Mx	.005	.5
70	MP2C	X	-7.287	5.5
71	MP2C	Z	4.207	5.5
72	MP2C	Mx	.005	5.5
73	MP3A	X	-2.305	2
74	MP3A	Z	1.331	2
75	MP3A	Mx	.001	2
76	MP3A	X	-2.305	4
77	MP3A	Z	1.331	4
78	MP3A	Mx	.001	4
79	MP3B	X	-1.738	2
80	MP3B	Z	1.003	2
81	MP3B	Mx	-.000988	2
82	MP3B	X	-1.738	4
83	MP3B	Z	1.003	4
84	MP3B	Mx	-.000988	4
85	MP3C	X	-4.163	2
86	MP3C	Z	2.403	2
87	MP3C	Mx	.000417	2
88	MP3C	X	-4.163	4
89	MP3C	Z	2.403	4
90	MP3C	Mx	.000417	4
91	MP1A	X	-2.535	2
92	MP1A	Z	1.464	2
93	MP1A	Mx	-.000845	2
94	MP1B	X	-2.535	2
95	MP1B	Z	1.464	2
96	MP1B	Mx	.000845	2
97	MP1C	X	-3.374	2
98	MP1C	Z	1.948	2
99	MP1C	Mx	0	2
100	MP2A	X	-2.383	2
101	MP2A	Z	1.376	2
102	MP2A	Mx	-.000794	2
103	MP2B	X	-2.383	2
104	MP2B	Z	1.376	2
105	MP2B	Mx	.000794	2
106	MP2C	X	-3.374	2
107	MP2C	Z	1.948	2
108	MP2C	Mx	0	2
109	OVP	X	-6.892	1
110	OVP	Z	3.979	1
111	OVP	Mx	-.002	1

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

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

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-6.416	.25
2	MP1A	Z	0	.25
3	MP1A	Mx	.003	.25
4	MP1A	X	-6.416	5.75
5	MP1A	Z	0	5.75
6	MP1A	Mx	.003	5.75
7	MP1B	X	-6.525	.25
8	MP1B	Z	0	.25
9	MP1B	Mx	-.003	.25
10	MP1B	X	-6.525	5.75
11	MP1B	Z	0	5.75
12	MP1B	Mx	-.003	5.75
13	MP1C	X	-7.236	.25
14	MP1C	Z	0	.25
15	MP1C	Mx	-.001	.25
16	MP1C	X	-7.236	5.75
17	MP1C	Z	0	5.75
18	MP1C	Mx	-.001	5.75
19	MP4A	X	-6.416	.25
20	MP4A	Z	0	.25
21	MP4A	Mx	.003	.25
22	MP4A	X	-6.416	5.75
23	MP4A	Z	0	5.75
24	MP4A	Mx	.003	5.75
25	MP4B	X	-6.525	.25
26	MP4B	Z	0	.25
27	MP4B	Mx	-.003	.25
28	MP4B	X	-6.525	5.75
29	MP4B	Z	0	5.75
30	MP4B	Mx	-.003	5.75
31	MP4C	X	-7.236	.25
32	MP4C	Z	0	.25
33	MP4C	Mx	-.001	.25
34	MP4C	X	-7.236	5.75
35	MP4C	Z	0	5.75
36	MP4C	Mx	-.001	5.75
37	MP2A	X	-5.622	.5
38	MP2A	Z	0	.5
39	MP2A	Mx	.003	.5
40	MP2A	X	-5.622	5.5
41	MP2A	Z	0	5.5
42	MP2A	Mx	.003	5.5
43	MP2B	X	-5.959	.5
44	MP2B	Z	0	.5
45	MP2B	Mx	-.002	.5
46	MP2B	X	-5.959	5.5
47	MP2B	Z	0	5.5
48	MP2B	Mx	-.002	5.5
49	MP2C	X	-8.164	.5
50	MP2C	Z	0	.5
51	MP2C	Mx	-.006	.5
52	MP2C	X	-8.164	5.5
53	MP2C	Z	0	5.5
54	MP2C	Mx	-.006	5.5
55	MP2A	X	-5.622	.5
56	MP2A	Z	0	.5
57	MP2A	Mx	.003	.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP2A	X	-5.622	5.5
59	MP2A	Z	0	5.5
60	MP2A	Mx	.003	5.5
61	MP2B	X	-5.959	.5
62	MP2B	Z	0	.5
63	MP2B	Mx	-.004	.5
64	MP2B	X	-5.959	5.5
65	MP2B	Z	0	5.5
66	MP2B	Mx	-.004	5.5
67	MP2C	X	-8.164	.5
68	MP2C	Z	0	.5
69	MP2C	Mx	.003	.5
70	MP2C	X	-8.164	5.5
71	MP2C	Z	0	5.5
72	MP2C	Mx	.003	5.5
73	MP3A	X	-1.917	2
74	MP3A	Z	0	2
75	MP3A	Mx	.000958	2
76	MP3A	X	-1.917	4
77	MP3A	Z	0	4
78	MP3A	Mx	.000958	4
79	MP3B	X	-2.266	2
80	MP3B	Z	0	2
81	MP3B	Mx	-.001	2
82	MP3B	X	-2.266	4
83	MP3B	Z	0	4
84	MP3B	Mx	-.001	4
85	MP3C	X	-4.548	2
86	MP3C	Z	0	2
87	MP3C	Mx	-.000778	2
88	MP3C	X	-4.548	4
89	MP3C	Z	0	4
90	MP3C	Mx	-.000778	4
91	MP1A	X	-2.605	2
92	MP1A	Z	0	2
93	MP1A	Mx	-.000868	2
94	MP1B	X	-3.573	2
95	MP1B	Z	0	2
96	MP1B	Mx	.000596	2
97	MP1C	X	-3.573	2
98	MP1C	Z	0	2
99	MP1C	Mx	.000596	2
100	MP2A	X	-2.37	2
101	MP2A	Z	0	2
102	MP2A	Mx	-.00079	2
103	MP2B	X	-3.515	2
104	MP2B	Z	0	2
105	MP2B	Mx	.000586	2
106	MP2C	X	-3.515	2
107	MP2C	Z	0	2
108	MP2C	Mx	.000586	2
109	OVP	X	-8.46	1
110	OVP	Z	0	1
111	OVP	Mx	-.003	1

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

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

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-5.757	.25
2	MP1A	Z	-3.324	.25
3	MP1A	Mx	.003	.25
4	MP1A	X	-5.757	5.75
5	MP1A	Z	-3.324	5.75
6	MP1A	Mx	.003	5.75
7	MP1B	X	-6.028	.25
8	MP1B	Z	-3.48	.25
9	MP1B	Mx	-.002	.25
10	MP1B	X	-6.028	5.75
11	MP1B	Z	-3.48	5.75
12	MP1B	Mx	-.002	5.75
13	MP1C	X	-5.889	.25
14	MP1C	Z	-3.4	.25
15	MP1C	Mx	-.003	.25
16	MP1C	X	-5.889	5.75
17	MP1C	Z	-3.4	5.75
18	MP1C	Mx	-.003	5.75
19	MP4A	X	-5.757	.25
20	MP4A	Z	-3.324	.25
21	MP4A	Mx	.003	.25
22	MP4A	X	-5.757	5.75
23	MP4A	Z	-3.324	5.75
24	MP4A	Mx	.003	5.75
25	MP4B	X	-6.028	.25
26	MP4B	Z	-3.48	.25
27	MP4B	Mx	-.002	.25
28	MP4B	X	-6.028	5.75
29	MP4B	Z	-3.48	5.75
30	MP4B	Mx	-.002	5.75
31	MP4C	X	-5.889	.25
32	MP4C	Z	-3.4	.25
33	MP4C	Mx	-.003	.25
34	MP4C	X	-5.889	5.75
35	MP4C	Z	-3.4	5.75
36	MP4C	Mx	-.003	5.75
37	MP2A	X	-5.492	.5
38	MP2A	Z	-3.171	.5
39	MP2A	Mx	.001	.5
40	MP2A	X	-5.492	5.5
41	MP2A	Z	-3.171	5.5
42	MP2A	Mx	.001	5.5
43	MP2B	X	-6.332	.5
44	MP2B	Z	-3.656	.5
45	MP2B	Mx	.000684	.5
46	MP2B	X	-6.332	5.5
47	MP2B	Z	-3.656	5.5
48	MP2B	Mx	.000684	5.5
49	MP2C	X	-5.899	.5
50	MP2C	Z	-3.406	.5
51	MP2C	Mx	-.005	.5
52	MP2C	X	-5.899	5.5
53	MP2C	Z	-3.406	5.5
54	MP2C	Mx	-.005	5.5
55	MP2A	X	-5.492	.5
56	MP2A	Z	-3.171	.5
57	MP2A	Mx	.004	.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP2A	X	-5.492	5.5
59	MP2A	Z	-3.171	5.5
60	MP2A	Mx	.004	5.5
61	MP2B	X	-6.332	.5
62	MP2B	Z	-3.656	.5
63	MP2B	Mx	-.005	.5
64	MP2B	X	-6.332	5.5
65	MP2B	Z	-3.656	5.5
66	MP2B	Mx	-.005	5.5
67	MP2C	X	-5.899	.5
68	MP2C	Z	-3.406	.5
69	MP2C	Mx	-.000237	.5
70	MP2C	X	-5.899	5.5
71	MP2C	Z	-3.406	5.5
72	MP2C	Mx	-.000237	5.5
73	MP3A	X	-2.305	2
74	MP3A	Z	-1.331	2
75	MP3A	Mx	.001	2
76	MP3A	X	-2.305	4
77	MP3A	Z	-1.331	4
78	MP3A	Mx	.001	4
79	MP3B	X	-3.174	2
80	MP3B	Z	-1.833	2
81	MP3B	Mx	-.001	2
82	MP3B	X	-3.174	4
83	MP3B	Z	-1.833	4
84	MP3B	Mx	-.001	4
85	MP3C	X	-2.726	2
86	MP3C	Z	-1.574	2
87	MP3C	Mx	-.001	2
88	MP3C	X	-2.726	4
89	MP3C	Z	-1.574	4
90	MP3C	Mx	-.001	4
91	MP1A	X	-2.535	2
92	MP1A	Z	-1.464	2
93	MP1A	Mx	-.000845	2
94	MP1B	X	-3.374	2
95	MP1B	Z	-1.948	2
96	MP1B	Mx	0	2
97	MP1C	X	-2.535	2
98	MP1C	Z	-1.464	2
99	MP1C	Mx	.000845	2
100	MP2A	X	-2.383	2
101	MP2A	Z	-1.376	2
102	MP2A	Mx	-.000794	2
103	MP2B	X	-3.374	2
104	MP2B	Z	-1.948	2
105	MP2B	Mx	0	2
106	MP2C	X	-2.383	2
107	MP2C	Z	-1.376	2
108	MP2C	Mx	.000794	2
109	OVP	X	-6.892	1
110	OVP	Z	-3.979	1
111	OVP	Mx	-.002	1

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

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

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-3.556	.25
2	MP1A	Z	-6.16	.25
3	MP1A	Mx	.002	.25
4	MP1A	X	-3.556	5.75
5	MP1A	Z	-6.16	5.75
6	MP1A	Mx	.002	5.75
7	MP1B	X	-3.658	.25
8	MP1B	Z	-6.337	.25
9	MP1B	Mx	-.000635	.25
10	MP1B	X	-3.658	5.75
11	MP1B	Z	-6.337	5.75
12	MP1B	Mx	-.000635	5.75
13	MP1C	X	-3.222	.25
14	MP1C	Z	-5.581	.25
15	MP1C	Mx	-.003	.25
16	MP1C	X	-3.222	5.75
17	MP1C	Z	-5.581	5.75
18	MP1C	Mx	-.003	5.75
19	MP4A	X	-3.556	.25
20	MP4A	Z	-6.16	.25
21	MP4A	Mx	.002	.25
22	MP4A	X	-3.556	5.75
23	MP4A	Z	-6.16	5.75
24	MP4A	Mx	.002	5.75
25	MP4B	X	-3.658	.25
26	MP4B	Z	-6.337	.25
27	MP4B	Mx	-.000635	.25
28	MP4B	X	-3.658	5.75
29	MP4B	Z	-6.337	5.75
30	MP4B	Mx	-.000635	5.75
31	MP4C	X	-3.222	.25
32	MP4C	Z	-5.581	.25
33	MP4C	Mx	-.003	.25
34	MP4C	X	-3.222	5.75
35	MP4C	Z	-5.581	5.75
36	MP4C	Mx	-.003	5.75
37	MP2A	X	-3.891	.5
38	MP2A	Z	-6.739	.5
39	MP2A	Mx	-.002	.5
40	MP2A	X	-3.891	5.5
41	MP2A	Z	-6.739	5.5
42	MP2A	Mx	-.002	5.5
43	MP2B	X	-4.207	.5
44	MP2B	Z	-7.287	.5
45	MP2B	Mx	.004	.5
46	MP2B	X	-4.207	5.5
47	MP2B	Z	-7.287	5.5
48	MP2B	Mx	.004	5.5
49	MP2C	X	-2.854	.5
50	MP2C	Z	-4.944	.5
51	MP2C	Mx	-.003	.5
52	MP2C	X	-2.854	5.5
53	MP2C	Z	-4.944	5.5
54	MP2C	Mx	-.003	5.5
55	MP2A	X	-3.891	.5
56	MP2A	Z	-6.739	.5
57	MP2A	Mx	.006	.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP2A	X	-3.891	5.5
59	MP2A	Z	-6.739	5.5
60	MP2A	Mx	.006	5.5
61	MP2B	X	-4.207	.5
62	MP2B	Z	-7.287	.5
63	MP2B	Mx	-.005	.5
64	MP2B	X	-4.207	5.5
65	MP2B	Z	-7.287	5.5
66	MP2B	Mx	-.005	5.5
67	MP2C	X	-2.854	.5
68	MP2C	Z	-4.944	.5
69	MP2C	Mx	-.002	.5
70	MP2C	X	-2.854	5.5
71	MP2C	Z	-4.944	5.5
72	MP2C	Mx	-.002	5.5
73	MP3A	X	-2.076	2
74	MP3A	Z	-3.595	2
75	MP3A	Mx	.001	2
76	MP3A	X	-2.076	4
77	MP3A	Z	-3.595	4
78	MP3A	Mx	.001	4
79	MP3B	X	-2.403	2
80	MP3B	Z	-4.163	2
81	MP3B	Mx	-.000417	2
82	MP3B	X	-2.403	4
83	MP3B	Z	-4.163	4
84	MP3B	Mx	-.000417	4
85	MP3C	X	-1.003	2
86	MP3C	Z	-1.738	2
87	MP3C	Mx	-.000988	2
88	MP3C	X	-1.003	4
89	MP3C	Z	-1.738	4
90	MP3C	Mx	-.000988	4
91	MP1A	X	-1.787	2
92	MP1A	Z	-3.095	2
93	MP1A	Mx	-.000596	2
94	MP1B	X	-1.787	2
95	MP1B	Z	-3.095	2
96	MP1B	Mx	-.000596	2
97	MP1C	X	-1.302	2
98	MP1C	Z	-2.256	2
99	MP1C	Mx	.000868	2
100	MP2A	X	-1.757	2
101	MP2A	Z	-3.044	2
102	MP2A	Mx	-.000586	2
103	MP2B	X	-1.757	2
104	MP2B	Z	-3.044	2
105	MP2B	Mx	-.000586	2
106	MP2C	X	-1.185	2
107	MP2C	Z	-2.053	2
108	MP2C	Mx	.00079	2
109	OVP	X	-3.478	1
110	OVP	Z	-6.024	1
111	OVP	Mx	-.001	1

Member Point Loads (BLC 77 : Lm1)

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

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	M77A	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	M78A	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	M20	Y	-250	%100

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	M20	Y	-250	%50

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	Y	0	.25
2	MP1A	My	0	.25
3	MP1A	Mz	0	.25
4	MP1A	Y	0	5.75
5	MP1A	My	0	5.75
6	MP1A	Mz	0	5.75
7	MP1B	Y	0	.25
8	MP1B	My	0	.25
9	MP1B	Mz	0	.25
10	MP1B	Y	0	5.75
11	MP1B	My	0	5.75
12	MP1B	Mz	0	5.75
13	MP1C	Y	0	.25
14	MP1C	My	0	.25
15	MP1C	Mz	0	.25
16	MP1C	Y	0	5.75
17	MP1C	My	0	5.75
18	MP1C	Mz	0	5.75
19	MP4A	Y	0	.25
20	MP4A	My	0	.25
21	MP4A	Mz	0	.25
22	MP4A	Y	0	5.75
23	MP4A	My	0	5.75
24	MP4A	Mz	0	5.75
25	MP4B	Y	0	.25
26	MP4B	My	0	.25
27	MP4B	Mz	0	.25
28	MP4B	Y	0	5.75
29	MP4B	My	0	5.75
30	MP4B	Mz	0	5.75
31	MP4C	Y	0	.25
32	MP4C	My	0	.25
33	MP4C	Mz	0	.25
34	MP4C	Y	0	5.75
35	MP4C	My	0	5.75
36	MP4C	Mz	0	5.75
37	MP2A	Y	0	.5
38	MP2A	My	0	.5
39	MP2A	Mz	0	.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
40	MP2A	Y	0	5.5
41	MP2A	My	0	5.5
42	MP2A	Mz	0	5.5
43	MP2B	Y	0	.5
44	MP2B	My	0	.5
45	MP2B	Mz	0	.5
46	MP2B	Y	0	5.5
47	MP2B	My	0	5.5
48	MP2B	Mz	0	5.5
49	MP2C	Y	0	.5
50	MP2C	My	0	.5
51	MP2C	Mz	0	.5
52	MP2C	Y	0	5.5
53	MP2C	My	0	5.5
54	MP2C	Mz	0	5.5
55	MP2A	Y	0	.5
56	MP2A	My	0	.5
57	MP2A	Mz	0	.5
58	MP2A	Y	0	5.5
59	MP2A	My	0	5.5
60	MP2A	Mz	0	5.5
61	MP2B	Y	0	.5
62	MP2B	My	0	.5
63	MP2B	Mz	0	.5
64	MP2B	Y	0	5.5
65	MP2B	My	0	5.5
66	MP2B	Mz	0	5.5
67	MP2C	Y	0	.5
68	MP2C	My	0	.5
69	MP2C	Mz	0	.5
70	MP2C	Y	0	5.5
71	MP2C	My	0	5.5
72	MP2C	Mz	0	5.5
73	MP3A	Y	0	2
74	MP3A	My	0	2
75	MP3A	Mz	0	2
76	MP3A	Y	0	4
77	MP3A	My	0	4
78	MP3A	Mz	0	4
79	MP3B	Y	0	2
80	MP3B	My	0	2
81	MP3B	Mz	0	2
82	MP3B	Y	0	4
83	MP3B	My	0	4
84	MP3B	Mz	0	4
85	MP3C	Y	0	2
86	MP3C	My	0	2
87	MP3C	Mz	0	2
88	MP3C	Y	0	4
89	MP3C	My	0	4
90	MP3C	Mz	0	4
91	MP1A	Y	0	2
92	MP1A	My	0	2
93	MP1A	Mz	0	2
94	MP1B	Y	0	2
95	MP1B	My	0	2
96	MP1B	Mz	0	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
97	MP1C	Y	0	2
98	MP1C	My	0	2
99	MP1C	Mz	0	2
100	MP2A	Y	0	2
101	MP2A	My	0	2
102	MP2A	Mz	0	2
103	MP2B	Y	0	2
104	MP2B	My	0	2
105	MP2B	Mz	0	2
106	MP2C	Y	0	2
107	MP2C	My	0	2
108	MP2C	Mz	0	2
109	MP2C	Y	0	1
110	MP2C	My	0	1
111	MP2C	Mz	0	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	Z	-.315	.25
2	MP1A	Mx	0	.25
3	MP1A	Z	-.315	5.75
4	MP1A	Mx	0	5.75
5	MP1B	Z	-.315	.25
6	MP1B	Mx	5.4e-5	.25
7	MP1B	Z	-.315	5.75
8	MP1B	Mx	5.4e-5	5.75
9	MP1C	Z	-.315	.25
10	MP1C	Mx	-.000148	.25
11	MP1C	Z	-.315	5.75
12	MP1C	Mx	-.000148	5.75
13	MP4A	Z	-.315	.25
14	MP4A	Mx	0	.25
15	MP4A	Z	-.315	5.75
16	MP4A	Mx	0	5.75
17	MP4B	Z	-.315	.25
18	MP4B	Mx	5.4e-5	.25
19	MP4B	Z	-.315	5.75
20	MP4B	Mx	5.4e-5	5.75
21	MP4C	Z	-.315	.25
22	MP4C	Mx	-.000148	.25
23	MP4C	Z	-.315	5.75
24	MP4C	Mx	-.000148	5.75
25	MP2A	Z	-.6	.5
26	MP2A	Mx	-.000325	.5
27	MP2A	Z	-.6	5.5
28	MP2A	Mx	-.000325	5.5
29	MP2B	Z	-.6	.5
30	MP2B	Mx	.000408	.5
31	MP2B	Z	-.6	5.5
32	MP2B	Mx	.000408	5.5
33	MP2C	Z	-.6	.5
34	MP2C	Mx	-.000171	.5
35	MP2C	Z	-.6	5.5
36	MP2C	Mx	-.000171	5.5
37	MP2A	Z	-.6	.5
38	MP2A	Mx	.000325	.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
39	MP2A	Z	-.6	5.5
40	MP2A	Mx	.000325	5.5
41	MP2B	Z	-.6	.5
42	MP2B	Mx	-.000203	.5
43	MP2B	Z	-.6	5.5
44	MP2B	Mx	-.000203	5.5
45	MP2C	Z	-.6	.5
46	MP2C	Mx	-.000393	.5
47	MP2C	Z	-.6	5.5
48	MP2C	Mx	-.000393	5.5
49	MP3A	Z	-1.306	2
50	MP3A	Mx	0	2
51	MP3A	Z	-1.306	4
52	MP3A	Mx	0	4
53	MP3B	Z	-1.306	2
54	MP3B	Mx	.000223	2
55	MP3B	Z	-1.306	4
56	MP3B	Mx	.000223	4
57	MP3C	Z	-1.306	2
58	MP3C	Mx	-.000614	2
59	MP3C	Z	-1.306	4
60	MP3C	Mx	-.000614	4
61	MP1A	Z	-2.241	2
62	MP1A	Mx	0	2
63	MP1B	Z	-2.241	2
64	MP1B	Mx	-.000647	2
65	MP1C	Z	-2.241	2
66	MP1C	Mx	.000647	2
67	MP2A	Z	-2.109	2
68	MP2A	Mx	0	2
69	MP2B	Z	-2.109	2
70	MP2B	Mx	-.000609	2
71	MP2C	Z	-2.109	2
72	MP2C	Mx	.000609	2
73	MP2C	Z	-.96	1
74	MP2C	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	.315	.25
2	MP1A	Mx	-.000158	.25
3	MP1A	X	.315	5.75
4	MP1A	Mx	-.000158	5.75
5	MP1B	X	.315	.25
6	MP1B	Mx	.000148	.25
7	MP1B	X	.315	5.75
8	MP1B	Mx	.000148	5.75
9	MP1C	X	.315	.25
10	MP1C	Mx	5.4e-5	.25
11	MP1C	X	.315	5.75
12	MP1C	Mx	5.4e-5	5.75
13	MP4A	X	.315	.25
14	MP4A	Mx	-.000158	.25
15	MP4A	X	.315	5.75
16	MP4A	Mx	-.000158	5.75
17	MP4B	X	.315	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
18	MP4B	Mx	.000148	.25
19	MP4B	X	.315	5.75
20	MP4B	Mx	.000148	5.75
21	MP4C	X	.315	.25
22	MP4C	Mx	5.4e-5	.25
23	MP4C	X	.315	5.75
24	MP4C	Mx	5.4e-5	5.75
25	MP2A	X	.6	.5
26	MP2A	Mx	-.0003	.5
27	MP2A	X	.6	5.5
28	MP2A	Mx	-.0003	5.5
29	MP2B	X	.6	.5
30	MP2B	Mx	.000171	.5
31	MP2B	X	.6	5.5
32	MP2B	Mx	.000171	5.5
33	MP2C	X	.6	.5
34	MP2C	Mx	.000408	.5
35	MP2C	X	.6	5.5
36	MP2C	Mx	.000408	5.5
37	MP2A	X	.6	.5
38	MP2A	Mx	-.0003	.5
39	MP2A	X	.6	5.5
40	MP2A	Mx	-.0003	5.5
41	MP2B	X	.6	.5
42	MP2B	Mx	.000393	.5
43	MP2B	X	.6	5.5
44	MP2B	Mx	.000393	5.5
45	MP2C	X	.6	.5
46	MP2C	Mx	-.000203	.5
47	MP2C	X	.6	5.5
48	MP2C	Mx	-.000203	5.5
49	MP3A	X	1.306	2
50	MP3A	Mx	-.000653	2
51	MP3A	X	1.306	4
52	MP3A	Mx	-.000653	4
53	MP3B	X	1.306	2
54	MP3B	Mx	.000614	2
55	MP3B	X	1.306	4
56	MP3B	Mx	.000614	4
57	MP3C	X	1.306	2
58	MP3C	Mx	.000223	2
59	MP3C	X	1.306	4
60	MP3C	Mx	.000223	4
61	MP1A	X	2.241	2
62	MP1A	Mx	.000747	2
63	MP1B	X	2.241	2
64	MP1B	Mx	-.000374	2
65	MP1C	X	2.241	2
66	MP1C	Mx	-.000374	2
67	MP2A	X	2.109	2
68	MP2A	Mx	.000703	2
69	MP2B	X	2.109	2
70	MP2B	Mx	-.000352	2
71	MP2C	X	2.109	2
72	MP2C	Mx	-.000352	2
73	MP2C	X	.96	1
74	MP2C	Mx	.00032	1

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	M20	Y	-6.505	-6.505	0	%100
2	M72A	Y	-9.525	-9.525	0	%100
3	M73	Y	-9.525	-9.525	0	%100
4	M74	Y	-9.525	-9.525	0	%100
5	M75	Y	-10.035	-10.035	0	%100
6	M78	Y	-5.565	-5.565	0	%100
7	M79	Y	-5.565	-5.565	0	%100
8	M84	Y	-10.022	-10.022	0	%100
9	M85	Y	-10.022	-10.022	0	%100
10	M87A	Y	-10.035	-10.035	0	%100
11	M89A	Y	-10.022	-10.022	0	%100
12	M90A	Y	-10.022	-10.022	0	%100
13	M92	Y	-10.035	-10.035	0	%100
14	MP4A	Y	-4.93	-4.93	0	%100
15	MP3A	Y	-4.93	-4.93	0	%100
16	MP2A	Y	-4.93	-4.93	0	%100
17	MP1A	Y	-4.93	-4.93	0	%100
18	OVP	Y	-4.93	-4.93	0	%100
19	M36	Y	-6.505	-6.505	0	%100
20	M37	Y	-9.525	-9.525	0	%100
21	M38	Y	-9.525	-9.525	0	%100
22	M39	Y	-9.525	-9.525	0	%100
23	M40	Y	-10.035	-10.035	0	%100
24	M43	Y	-5.565	-5.565	0	%100
25	M44	Y	-5.565	-5.565	0	%100
26	M49	Y	-10.022	-10.022	0	%100
27	M50	Y	-10.022	-10.022	0	%100
28	M52	Y	-10.035	-10.035	0	%100
29	M54	Y	-10.022	-10.022	0	%100
30	M55	Y	-10.022	-10.022	0	%100
31	M57	Y	-10.035	-10.035	0	%100
32	MP4C	Y	-4.93	-4.93	0	%100
33	MP1C	Y	-4.93	-4.93	0	%100
34	M69	Y	-6.505	-6.505	0	%100
35	M70	Y	-9.525	-9.525	0	%100
36	M71	Y	-9.525	-9.525	0	%100
37	M72	Y	-9.525	-9.525	0	%100
38	M73A	Y	-10.035	-10.035	0	%100
39	M76A	Y	-5.565	-5.565	0	%100
40	M77B	Y	-5.565	-5.565	0	%100
41	M82B	Y	-10.022	-10.022	0	%100
42	M83B	Y	-10.022	-10.022	0	%100
43	M85A	Y	-10.035	-10.035	0	%100
44	M87	Y	-10.022	-10.022	0	%100
45	M88A	Y	-10.022	-10.022	0	%100
46	M90	Y	-10.035	-10.035	0	%100
47	MP4B	Y	-4.93	-4.93	0	%100
48	MP1B	Y	-4.93	-4.93	0	%100
49	M102	Y	-6.505	-6.505	0	%100
50	M107	Y	-6.505	-6.505	0	%100
51	M111	Y	-6.505	-6.505	0	%100
52	MP3C	Y	-4.93	-4.93	0	%100
53	MP2C	Y	-4.93	-4.93	0	%100
54	MP3B	Y	-4.93	-4.93	0	%100
55	MP2B	Y	-4.93	-4.93	0	%100
56	M123	Y	-7.545	-7.545	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,%]
57	M124	Y	-7.545	-7.545	0	%100
58	M125	Y	-7.545	-7.545	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	M20	X	0	0	0	%100
2	M20	Z	-12.259	-12.259	0	%100
3	M72A	X	0	0	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	-11.475	-11.475	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	-11.475	-11.475	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	-21.015	-21.015	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	-3.034	-3.034	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	-3.034	-3.034	0	%100
15	M84	X	0	0	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	-5.351	-5.351	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	-5.546	-5.546	0	%100
21	M89A	X	0	0	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	-5.351	-5.351	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	-5.546	-5.546	0	%100
27	MP4A	X	0	0	0	%100
28	MP4A	Z	-8.319	-8.319	0	%100
29	MP3A	X	0	0	0	%100
30	MP3A	Z	-8.319	-8.319	0	%100
31	MP2A	X	0	0	0	%100
32	MP2A	Z	-8.319	-8.319	0	%100
33	MP1A	X	0	0	0	%100
34	MP1A	Z	-8.319	-8.319	0	%100
35	OVP	X	0	0	0	%100
36	OVP	Z	-6.802	-6.802	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	-3.065	-3.065	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	-10.073	-10.073	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	-2.869	-2.869	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	-2.869	-2.869	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	-5.254	-5.254	0	%100
47	M43	X	0	0	0	%100
48	M43	Z	-2.608	-2.608	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	-11.269	-11.269	0	%100
51	M49	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,%]
52	M49	Z	-15.859	-15.859	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	-21.405	-21.405	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	-22.183	-22.183	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	-15.859	-15.859	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	-5.351	-5.351	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	-5.546	-5.546	0	%100
63	MP4C	X	0	0	0	%100
64	MP4C	Z	-8.319	-8.319	0	%100
65	MP1C	X	0	0	0	%100
66	MP1C	Z	-8.319	-8.319	0	%100
67	M69	X	0	0	0	%100
68	M69	Z	-3.065	-3.065	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	-10.073	-10.073	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	-2.869	-2.869	0	%100
73	M72	X	0	0	0	%100
74	M72	Z	-2.869	-2.869	0	%100
75	M73A	X	0	0	0	%100
76	M73A	Z	-5.254	-5.254	0	%100
77	M76A	X	0	0	0	%100
78	M76A	Z	-11.267	-11.267	0	%100
79	M77B	X	0	0	0	%100
80	M77B	Z	-2.609	-2.609	0	%100
81	M82B	X	0	0	0	%100
82	M82B	Z	-15.859	-15.859	0	%100
83	M83B	X	0	0	0	%100
84	M83B	Z	-5.351	-5.351	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	-5.546	-5.546	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	-15.859	-15.859	0	%100
89	M88A	X	0	0	0	%100
90	M88A	Z	-21.405	-21.405	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	-22.183	-22.183	0	%100
93	MP4B	X	0	0	0	%100
94	MP4B	Z	-8.319	-8.319	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	-8.319	-8.319	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	-12.259	-12.259	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	-3.065	-3.065	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	-3.065	-3.065	0	%100
103	MP3C	X	0	0	0	%100
104	MP3C	Z	-8.319	-8.319	0	%100
105	MP2C	X	0	0	0	%100
106	MP2C	Z	-8.319	-8.319	0	%100
107	MP3B	X	0	0	0	%100
108	MP3B	Z	-8.319	-8.319	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,%]
109	MP2B	X	0	0	0	%100
110	MP2B	Z	-8.319	-8.319	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-3.365	-3.365	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-13.461	-13.461	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	-3.365	-3.365	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	M20	X	4.597	4.597	0	%100
2	M20	Z	-7.962	-7.962	0	%100
3	M72A	X	1.679	1.679	0	%100
4	M72A	Z	-2.908	-2.908	0	%100
5	M73	X	4.303	4.303	0	%100
6	M73	Z	-7.453	-7.453	0	%100
7	M74	X	4.303	4.303	0	%100
8	M74	Z	-7.453	-7.453	0	%100
9	M75	X	7.881	7.881	0	%100
10	M75	Z	-13.65	-13.65	0	%100
11	M78	X	4.332	4.332	0	%100
12	M78	Z	-7.504	-7.504	0	%100
13	M79	X	.003	.003	0	%100
14	M79	Z	-.005	-.005	0	%100
15	M84	X	2.643	2.643	0	%100
16	M84	Z	-4.578	-4.578	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	2.643	2.643	0	%100
22	M89A	Z	-4.578	-4.578	0	%100
23	M90A	X	8.027	8.027	0	%100
24	M90A	Z	-13.903	-13.903	0	%100
25	M92	X	8.319	8.319	0	%100
26	M92	Z	-14.408	-14.408	0	%100
27	MP4A	X	4.159	4.159	0	%100
28	MP4A	Z	-7.204	-7.204	0	%100
29	MP3A	X	4.159	4.159	0	%100
30	MP3A	Z	-7.204	-7.204	0	%100
31	MP2A	X	4.159	4.159	0	%100
32	MP2A	Z	-7.204	-7.204	0	%100
33	MP1A	X	4.159	4.159	0	%100
34	MP1A	Z	-7.204	-7.204	0	%100
35	OVP	X	3.401	3.401	0	%100
36	OVP	Z	-5.891	-5.891	0	%100
37	M36	X	4.597	4.597	0	%100
38	M36	Z	-7.962	-7.962	0	%100
39	M37	X	1.679	1.679	0	%100
40	M37	Z	-2.908	-2.908	0	%100
41	M38	X	4.303	4.303	0	%100
42	M38	Z	-7.453	-7.453	0	%100
43	M39	X	4.303	4.303	0	%100
44	M39	Z	-7.453	-7.453	0	%100
45	M40	X	7.881	7.881	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,%]
46	M40	Z	-13.65	-13.65	0	%100
47	M43	X	.003	.003	0	%100
48	M43	Z	-.005	-.005	0	%100
49	M44	X	4.333	4.333	0	%100
50	M44	Z	-7.505	-7.505	0	%100
51	M49	X	2.643	2.643	0	%100
52	M49	Z	-4.578	-4.578	0	%100
53	M50	X	8.027	8.027	0	%100
54	M50	Z	-13.903	-13.903	0	%100
55	M52	X	8.319	8.319	0	%100
56	M52	Z	-14.408	-14.408	0	%100
57	M54	X	2.643	2.643	0	%100
58	M54	Z	-4.578	-4.578	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	MP4C	X	4.159	4.159	0	%100
64	MP4C	Z	-7.204	-7.204	0	%100
65	MP1C	X	4.159	4.159	0	%100
66	MP1C	Z	-7.204	-7.204	0	%100
67	M69	X	0	0	0	%100
68	M69	Z	0	0	0	%100
69	M70	X	6.715	6.715	0	%100
70	M70	Z	-11.631	-11.631	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	0	0	0	%100
73	M72	X	0	0	0	%100
74	M72	Z	0	0	0	%100
75	M73A	X	0	0	0	%100
76	M73A	Z	0	0	0	%100
77	M76A	X	4.12	4.12	0	%100
78	M76A	Z	-7.135	-7.135	0	%100
79	M77B	X	4.12	4.12	0	%100
80	M77B	Z	-7.136	-7.136	0	%100
81	M82B	X	10.573	10.573	0	%100
82	M82B	Z	-18.312	-18.312	0	%100
83	M83B	X	8.027	8.027	0	%100
84	M83B	Z	-13.903	-13.903	0	%100
85	M85A	X	8.319	8.319	0	%100
86	M85A	Z	-14.408	-14.408	0	%100
87	M87	X	10.573	10.573	0	%100
88	M87	Z	-18.312	-18.312	0	%100
89	M88A	X	8.027	8.027	0	%100
90	M88A	Z	-13.903	-13.903	0	%100
91	M90	X	8.319	8.319	0	%100
92	M90	Z	-14.408	-14.408	0	%100
93	MP4B	X	4.159	4.159	0	%100
94	MP4B	Z	-7.204	-7.204	0	%100
95	MP1B	X	4.159	4.159	0	%100
96	MP1B	Z	-7.204	-7.204	0	%100
97	M102	X	4.597	4.597	0	%100
98	M102	Z	-7.962	-7.962	0	%100
99	M107	X	4.597	4.597	0	%100
100	M107	Z	-7.962	-7.962	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	0	0	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,%]
103	MP3C	X	4.159	4.159	0	%100
104	MP3C	Z	-7.204	-7.204	0	%100
105	MP2C	X	4.159	4.159	0	%100
106	MP2C	Z	-7.204	-7.204	0	%100
107	MP3B	X	4.159	4.159	0	%100
108	MP3B	Z	-7.204	-7.204	0	%100
109	MP2B	X	4.159	4.159	0	%100
110	MP2B	Z	-7.204	-7.204	0	%100
111	M123	X	5.048	5.048	0	%100
112	M123	Z	-8.743	-8.743	0	%100
113	M124	X	5.048	5.048	0	%100
114	M124	Z	-8.743	-8.743	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	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	M20	X	2.654	2.654	0	%100
2	M20	Z	-1.532	-1.532	0	%100
3	M72A	X	8.723	8.723	0	%100
4	M72A	Z	-5.037	-5.037	0	%100
5	M73	X	2.484	2.484	0	%100
6	M73	Z	-1.434	-1.434	0	%100
7	M74	X	2.484	2.484	0	%100
8	M74	Z	-1.434	-1.434	0	%100
9	M75	X	4.55	4.55	0	%100
10	M75	Z	-2.627	-2.627	0	%100
11	M78	X	9.758	9.758	0	%100
12	M78	Z	-5.634	-5.634	0	%100
13	M79	X	2.259	2.259	0	%100
14	M79	Z	-1.304	-1.304	0	%100
15	M84	X	13.734	13.734	0	%100
16	M84	Z	-7.929	-7.929	0	%100
17	M85	X	4.634	4.634	0	%100
18	M85	Z	-2.676	-2.676	0	%100
19	M87A	X	4.803	4.803	0	%100
20	M87A	Z	-2.773	-2.773	0	%100
21	M89A	X	13.734	13.734	0	%100
22	M89A	Z	-7.929	-7.929	0	%100
23	M90A	X	18.537	18.537	0	%100
24	M90A	Z	-10.702	-10.702	0	%100
25	M92	X	19.211	19.211	0	%100
26	M92	Z	-11.092	-11.092	0	%100
27	MP4A	X	7.204	7.204	0	%100
28	MP4A	Z	-4.159	-4.159	0	%100
29	MP3A	X	7.204	7.204	0	%100
30	MP3A	Z	-4.159	-4.159	0	%100
31	MP2A	X	7.204	7.204	0	%100
32	MP2A	Z	-4.159	-4.159	0	%100
33	MP1A	X	7.204	7.204	0	%100
34	MP1A	Z	-4.159	-4.159	0	%100
35	OVP	X	5.891	5.891	0	%100
36	OVP	Z	-3.401	-3.401	0	%100
37	M36	X	10.617	10.617	0	%100
38	M36	Z	-6.13	-6.13	0	%100
39	M37	X	0	0	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,%]
40	M37	Z	0	0	0	%100
41	M38	X	9.938	9.938	0	%100
42	M38	Z	-5.738	-5.738	0	%100
43	M39	X	9.938	9.938	0	%100
44	M39	Z	-5.738	-5.738	0	%100
45	M40	X	18.2	18.2	0	%100
46	M40	Z	-10.508	-10.508	0	%100
47	M43	X	2.627	2.627	0	%100
48	M43	Z	-1.517	-1.517	0	%100
49	M44	X	2.628	2.628	0	%100
50	M44	Z	-1.517	-1.517	0	%100
51	M49	X	0	0	0	%100
52	M49	Z	0	0	0	%100
53	M50	X	4.634	4.634	0	%100
54	M50	Z	-2.676	-2.676	0	%100
55	M52	X	4.803	4.803	0	%100
56	M52	Z	-2.773	-2.773	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	4.634	4.634	0	%100
60	M55	Z	-2.676	-2.676	0	%100
61	M57	X	4.803	4.803	0	%100
62	M57	Z	-2.773	-2.773	0	%100
63	MP4C	X	7.204	7.204	0	%100
64	MP4C	Z	-4.159	-4.159	0	%100
65	MP1C	X	7.204	7.204	0	%100
66	MP1C	Z	-4.159	-4.159	0	%100
67	M69	X	2.654	2.654	0	%100
68	M69	Z	-1.532	-1.532	0	%100
69	M70	X	8.723	8.723	0	%100
70	M70	Z	-5.037	-5.037	0	%100
71	M71	X	2.484	2.484	0	%100
72	M71	Z	-1.434	-1.434	0	%100
73	M72	X	2.484	2.484	0	%100
74	M72	Z	-1.434	-1.434	0	%100
75	M73A	X	4.55	4.55	0	%100
76	M73A	Z	-2.627	-2.627	0	%100
77	M76A	X	2.259	2.259	0	%100
78	M76A	Z	-1.304	-1.304	0	%100
79	M77B	X	9.759	9.759	0	%100
80	M77B	Z	-5.635	-5.635	0	%100
81	M82B	X	13.734	13.734	0	%100
82	M82B	Z	-7.929	-7.929	0	%100
83	M83B	X	18.537	18.537	0	%100
84	M83B	Z	-10.702	-10.702	0	%100
85	M85A	X	19.211	19.211	0	%100
86	M85A	Z	-11.092	-11.092	0	%100
87	M87	X	13.734	13.734	0	%100
88	M87	Z	-7.929	-7.929	0	%100
89	M88A	X	4.634	4.634	0	%100
90	M88A	Z	-2.676	-2.676	0	%100
91	M90	X	4.803	4.803	0	%100
92	M90	Z	-2.773	-2.773	0	%100
93	MP4B	X	7.204	7.204	0	%100
94	MP4B	Z	-4.159	-4.159	0	%100
95	MP1B	X	7.204	7.204	0	%100
96	MP1B	Z	-4.159	-4.159	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,%]
97	M102	X	2.654	2.654	0	%100
98	M102	Z	-1.532	-1.532	0	%100
99	M107	X	10.617	10.617	0	%100
100	M107	Z	-6.13	-6.13	0	%100
101	M111	X	2.654	2.654	0	%100
102	M111	Z	-1.532	-1.532	0	%100
103	MP3C	X	7.204	7.204	0	%100
104	MP3C	Z	-4.159	-4.159	0	%100
105	MP2C	X	7.204	7.204	0	%100
106	MP2C	Z	-4.159	-4.159	0	%100
107	MP3B	X	7.204	7.204	0	%100
108	MP3B	Z	-4.159	-4.159	0	%100
109	MP2B	X	7.204	7.204	0	%100
110	MP2B	Z	-4.159	-4.159	0	%100
111	M123	X	11.657	11.657	0	%100
112	M123	Z	-6.73	-6.73	0	%100
113	M124	X	2.914	2.914	0	%100
114	M124	Z	-1.683	-1.683	0	%100
115	M125	X	2.914	2.914	0	%100
116	M125	Z	-1.683	-1.683	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M72A	X	13.431	13.431	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	0	0	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	0	0	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	0	0	0	%100
11	M78	X	8.239	8.239	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	8.24	8.24	0	%100
14	M79	Z	0	0	0	%100
15	M84	X	21.145	21.145	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	16.053	16.053	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	16.637	16.637	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	21.145	21.145	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	16.053	16.053	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	16.637	16.637	0	%100
26	M92	Z	0	0	0	%100
27	MP4A	X	8.319	8.319	0	%100
28	MP4A	Z	0	0	0	%100
29	MP3A	X	8.319	8.319	0	%100
30	MP3A	Z	0	0	0	%100
31	MP2A	X	8.319	8.319	0	%100
32	MP2A	Z	0	0	0	%100
33	MP1A	X	8.319	8.319	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,%]
34	MP1A	Z	0	0	0	%100
35	OVP	X	6.802	6.802	0	%100
36	OVP	Z	0	0	0	%100
37	M36	X	9.194	9.194	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	3.358	3.358	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	8.606	8.606	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	8.606	8.606	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	15.762	15.762	0	%100
46	M40	Z	0	0	0	%100
47	M43	X	8.665	8.665	0	%100
48	M43	Z	0	0	0	%100
49	M44	X	.005	.005	0	%100
50	M44	Z	0	0	0	%100
51	M49	X	5.286	5.286	0	%100
52	M49	Z	0	0	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	0	0	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	0	0	0	%100
57	M54	X	5.286	5.286	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	16.053	16.053	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	16.637	16.637	0	%100
62	M57	Z	0	0	0	%100
63	MP4C	X	8.319	8.319	0	%100
64	MP4C	Z	0	0	0	%100
65	MP1C	X	8.319	8.319	0	%100
66	MP1C	Z	0	0	0	%100
67	M69	X	9.194	9.194	0	%100
68	M69	Z	0	0	0	%100
69	M70	X	3.358	3.358	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	8.606	8.606	0	%100
72	M71	Z	0	0	0	%100
73	M72	X	8.606	8.606	0	%100
74	M72	Z	0	0	0	%100
75	M73A	X	15.762	15.762	0	%100
76	M73A	Z	0	0	0	%100
77	M76A	X	.005	.005	0	%100
78	M76A	Z	0	0	0	%100
79	M77B	X	8.666	8.666	0	%100
80	M77B	Z	0	0	0	%100
81	M82B	X	5.286	5.286	0	%100
82	M82B	Z	0	0	0	%100
83	M83B	X	16.053	16.053	0	%100
84	M83B	Z	0	0	0	%100
85	M85A	X	16.637	16.637	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	5.286	5.286	0	%100
88	M87	Z	0	0	0	%100
89	M88A	X	0	0	0	%100
90	M88A	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,%]
91	M90	X	0	0	0	%100
92	M90	Z	0	0	0	%100
93	MP4B	X	8.319	8.319	0	%100
94	MP4B	Z	0	0	0	%100
95	MP1B	X	8.319	8.319	0	%100
96	MP1B	Z	0	0	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	0	0	0	%100
99	M107	X	9.194	9.194	0	%100
100	M107	Z	0	0	0	%100
101	M111	X	9.194	9.194	0	%100
102	M111	Z	0	0	0	%100
103	MP3C	X	8.319	8.319	0	%100
104	MP3C	Z	0	0	0	%100
105	MP2C	X	8.319	8.319	0	%100
106	MP2C	Z	0	0	0	%100
107	MP3B	X	8.319	8.319	0	%100
108	MP3B	Z	0	0	0	%100
109	MP2B	X	8.319	8.319	0	%100
110	MP2B	Z	0	0	0	%100
111	M123	X	10.096	10.096	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	10.096	10.096	0	%100
116	M125	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	M20	X	2.654	2.654	0	%100
2	M20	Z	1.532	1.532	0	%100
3	M72A	X	8.723	8.723	0	%100
4	M72A	Z	5.037	5.037	0	%100
5	M73	X	2.484	2.484	0	%100
6	M73	Z	1.434	1.434	0	%100
7	M74	X	2.484	2.484	0	%100
8	M74	Z	1.434	1.434	0	%100
9	M75	X	4.55	4.55	0	%100
10	M75	Z	2.627	2.627	0	%100
11	M78	X	2.259	2.259	0	%100
12	M78	Z	1.304	1.304	0	%100
13	M79	X	9.759	9.759	0	%100
14	M79	Z	5.635	5.635	0	%100
15	M84	X	13.734	13.734	0	%100
16	M84	Z	7.929	7.929	0	%100
17	M85	X	18.537	18.537	0	%100
18	M85	Z	10.702	10.702	0	%100
19	M87A	X	19.211	19.211	0	%100
20	M87A	Z	11.092	11.092	0	%100
21	M89A	X	13.734	13.734	0	%100
22	M89A	Z	7.929	7.929	0	%100
23	M90A	X	4.634	4.634	0	%100
24	M90A	Z	2.676	2.676	0	%100
25	M92	X	4.803	4.803	0	%100
26	M92	Z	2.773	2.773	0	%100
27	MP4A	X	7.204	7.204	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,%]
28	MP4A	Z	4.159	4.159	0	%100
29	MP3A	X	7.204	7.204	0	%100
30	MP3A	Z	4.159	4.159	0	%100
31	MP2A	X	7.204	7.204	0	%100
32	MP2A	Z	4.159	4.159	0	%100
33	MP1A	X	7.204	7.204	0	%100
34	MP1A	Z	4.159	4.159	0	%100
35	OVP	X	5.891	5.891	0	%100
36	OVP	Z	3.401	3.401	0	%100
37	M36	X	2.654	2.654	0	%100
38	M36	Z	1.532	1.532	0	%100
39	M37	X	8.723	8.723	0	%100
40	M37	Z	5.037	5.037	0	%100
41	M38	X	2.484	2.484	0	%100
42	M38	Z	1.434	1.434	0	%100
43	M39	X	2.484	2.484	0	%100
44	M39	Z	1.434	1.434	0	%100
45	M40	X	4.55	4.55	0	%100
46	M40	Z	2.627	2.627	0	%100
47	M43	X	9.758	9.758	0	%100
48	M43	Z	5.634	5.634	0	%100
49	M44	X	2.259	2.259	0	%100
50	M44	Z	1.304	1.304	0	%100
51	M49	X	13.734	13.734	0	%100
52	M49	Z	7.929	7.929	0	%100
53	M50	X	4.634	4.634	0	%100
54	M50	Z	2.676	2.676	0	%100
55	M52	X	4.803	4.803	0	%100
56	M52	Z	2.773	2.773	0	%100
57	M54	X	13.734	13.734	0	%100
58	M54	Z	7.929	7.929	0	%100
59	M55	X	18.537	18.537	0	%100
60	M55	Z	10.702	10.702	0	%100
61	M57	X	19.211	19.211	0	%100
62	M57	Z	11.092	11.092	0	%100
63	MP4C	X	7.204	7.204	0	%100
64	MP4C	Z	4.159	4.159	0	%100
65	MP1C	X	7.204	7.204	0	%100
66	MP1C	Z	4.159	4.159	0	%100
67	M69	X	10.617	10.617	0	%100
68	M69	Z	6.13	6.13	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	9.938	9.938	0	%100
72	M71	Z	5.738	5.738	0	%100
73	M72	X	9.938	9.938	0	%100
74	M72	Z	5.738	5.738	0	%100
75	M73A	X	18.2	18.2	0	%100
76	M73A	Z	10.508	10.508	0	%100
77	M76A	X	2.627	2.627	0	%100
78	M76A	Z	1.517	1.517	0	%100
79	M77B	X	2.628	2.628	0	%100
80	M77B	Z	1.517	1.517	0	%100
81	M82B	X	0	0	0	%100
82	M82B	Z	0	0	0	%100
83	M83B	X	4.634	4.634	0	%100
84	M83B	Z	2.676	2.676	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,%]
85	M85A	X	4.803	4.803	0	%100
86	M85A	Z	2.773	2.773	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	0	0	0	%100
89	M88A	X	4.634	4.634	0	%100
90	M88A	Z	2.676	2.676	0	%100
91	M90	X	4.803	4.803	0	%100
92	M90	Z	2.773	2.773	0	%100
93	MP4B	X	7.204	7.204	0	%100
94	MP4B	Z	4.159	4.159	0	%100
95	MP1B	X	7.204	7.204	0	%100
96	MP1B	Z	4.159	4.159	0	%100
97	M102	X	2.654	2.654	0	%100
98	M102	Z	1.532	1.532	0	%100
99	M107	X	2.654	2.654	0	%100
100	M107	Z	1.532	1.532	0	%100
101	M111	X	10.617	10.617	0	%100
102	M111	Z	6.13	6.13	0	%100
103	MP3C	X	7.204	7.204	0	%100
104	MP3C	Z	4.159	4.159	0	%100
105	MP2C	X	7.204	7.204	0	%100
106	MP2C	Z	4.159	4.159	0	%100
107	MP3B	X	7.204	7.204	0	%100
108	MP3B	Z	4.159	4.159	0	%100
109	MP2B	X	7.204	7.204	0	%100
110	MP2B	Z	4.159	4.159	0	%100
111	M123	X	2.914	2.914	0	%100
112	M123	Z	1.683	1.683	0	%100
113	M124	X	2.914	2.914	0	%100
114	M124	Z	1.683	1.683	0	%100
115	M125	X	11.657	11.657	0	%100
116	M125	Z	6.73	6.73	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	M20	X	4.597	4.597	0	%100
2	M20	Z	7.962	7.962	0	%100
3	M72A	X	1.679	1.679	0	%100
4	M72A	Z	2.908	2.908	0	%100
5	M73	X	4.303	4.303	0	%100
6	M73	Z	7.453	7.453	0	%100
7	M74	X	4.303	4.303	0	%100
8	M74	Z	7.453	7.453	0	%100
9	M75	X	7.881	7.881	0	%100
10	M75	Z	13.65	13.65	0	%100
11	M78	X	.003	.003	0	%100
12	M78	Z	.005	.005	0	%100
13	M79	X	4.333	4.333	0	%100
14	M79	Z	7.505	7.505	0	%100
15	M84	X	2.643	2.643	0	%100
16	M84	Z	4.578	4.578	0	%100
17	M85	X	8.027	8.027	0	%100
18	M85	Z	13.903	13.903	0	%100
19	M87A	X	8.319	8.319	0	%100
20	M87A	Z	14.408	14.408	0	%100
21	M89A	X	2.643	2.643	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,%]
22	M89A	Z	4.578	4.578	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	0	0	0	%100
27	MP4A	X	4.159	4.159	0	%100
28	MP4A	Z	7.204	7.204	0	%100
29	MP3A	X	4.159	4.159	0	%100
30	MP3A	Z	7.204	7.204	0	%100
31	MP2A	X	4.159	4.159	0	%100
32	MP2A	Z	7.204	7.204	0	%100
33	MP1A	X	4.159	4.159	0	%100
34	MP1A	Z	7.204	7.204	0	%100
35	OVP	X	3.401	3.401	0	%100
36	OVP	Z	5.891	5.891	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	6.715	6.715	0	%100
40	M37	Z	11.631	11.631	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M43	X	4.12	4.12	0	%100
48	M43	Z	7.135	7.135	0	%100
49	M44	X	4.12	4.12	0	%100
50	M44	Z	7.136	7.136	0	%100
51	M49	X	10.573	10.573	0	%100
52	M49	Z	18.312	18.312	0	%100
53	M50	X	8.027	8.027	0	%100
54	M50	Z	13.903	13.903	0	%100
55	M52	X	8.319	8.319	0	%100
56	M52	Z	14.408	14.408	0	%100
57	M54	X	10.573	10.573	0	%100
58	M54	Z	18.312	18.312	0	%100
59	M55	X	8.027	8.027	0	%100
60	M55	Z	13.903	13.903	0	%100
61	M57	X	8.319	8.319	0	%100
62	M57	Z	14.408	14.408	0	%100
63	MP4C	X	4.159	4.159	0	%100
64	MP4C	Z	7.204	7.204	0	%100
65	MP1C	X	4.159	4.159	0	%100
66	MP1C	Z	7.204	7.204	0	%100
67	M69	X	4.597	4.597	0	%100
68	M69	Z	7.962	7.962	0	%100
69	M70	X	1.679	1.679	0	%100
70	M70	Z	2.908	2.908	0	%100
71	M71	X	4.303	4.303	0	%100
72	M71	Z	7.453	7.453	0	%100
73	M72	X	4.303	4.303	0	%100
74	M72	Z	7.453	7.453	0	%100
75	M73A	X	7.881	7.881	0	%100
76	M73A	Z	13.65	13.65	0	%100
77	M76A	X	4.332	4.332	0	%100
78	M76A	Z	7.504	7.504	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,%]
79	M77B	X	.003	.003	0	%100
80	M77B	Z	.005	.005	0	%100
81	M82B	X	2.643	2.643	0	%100
82	M82B	Z	4.578	4.578	0	%100
83	M83B	X	0	0	0	%100
84	M83B	Z	0	0	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	2.643	2.643	0	%100
88	M87	Z	4.578	4.578	0	%100
89	M88A	X	8.027	8.027	0	%100
90	M88A	Z	13.903	13.903	0	%100
91	M90	X	8.319	8.319	0	%100
92	M90	Z	14.408	14.408	0	%100
93	MP4B	X	4.159	4.159	0	%100
94	MP4B	Z	7.204	7.204	0	%100
95	MP1B	X	4.159	4.159	0	%100
96	MP1B	Z	7.204	7.204	0	%100
97	M102	X	4.597	4.597	0	%100
98	M102	Z	7.962	7.962	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	0	0	0	%100
101	M111	X	4.597	4.597	0	%100
102	M111	Z	7.962	7.962	0	%100
103	MP3C	X	4.159	4.159	0	%100
104	MP3C	Z	7.204	7.204	0	%100
105	MP2C	X	4.159	4.159	0	%100
106	MP2C	Z	7.204	7.204	0	%100
107	MP3B	X	4.159	4.159	0	%100
108	MP3B	Z	7.204	7.204	0	%100
109	MP2B	X	4.159	4.159	0	%100
110	MP2B	Z	7.204	7.204	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	5.048	5.048	0	%100
114	M124	Z	8.743	8.743	0	%100
115	M125	X	5.048	5.048	0	%100
116	M125	Z	8.743	8.743	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	M20	X	0	0	0	%100
2	M20	Z	12.259	12.259	0	%100
3	M72A	X	0	0	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	11.475	11.475	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	11.475	11.475	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	21.015	21.015	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	3.034	3.034	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	3.034	3.034	0	%100
15	M84	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,%]
16	M84	Z	0	0	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	5.351	5.351	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	5.546	5.546	0	%100
21	M89A	X	0	0	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	5.351	5.351	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	5.546	5.546	0	%100
27	MP4A	X	0	0	0	%100
28	MP4A	Z	8.319	8.319	0	%100
29	MP3A	X	0	0	0	%100
30	MP3A	Z	8.319	8.319	0	%100
31	MP2A	X	0	0	0	%100
32	MP2A	Z	8.319	8.319	0	%100
33	MP1A	X	0	0	0	%100
34	MP1A	Z	8.319	8.319	0	%100
35	OVP	X	0	0	0	%100
36	OVP	Z	6.802	6.802	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	3.065	3.065	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	10.073	10.073	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	2.869	2.869	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	2.869	2.869	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	5.254	5.254	0	%100
47	M43	X	0	0	0	%100
48	M43	Z	2.608	2.608	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	11.269	11.269	0	%100
51	M49	X	0	0	0	%100
52	M49	Z	15.859	15.859	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	21.405	21.405	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	22.183	22.183	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	15.859	15.859	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	5.351	5.351	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	5.546	5.546	0	%100
63	MP4C	X	0	0	0	%100
64	MP4C	Z	8.319	8.319	0	%100
65	MP1C	X	0	0	0	%100
66	MP1C	Z	8.319	8.319	0	%100
67	M69	X	0	0	0	%100
68	M69	Z	3.065	3.065	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	10.073	10.073	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	2.869	2.869	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,%]
73	M72	X	0	0	0	%100
74	M72	Z	2.869	2.869	0	%100
75	M73A	X	0	0	0	%100
76	M73A	Z	5.254	5.254	0	%100
77	M76A	X	0	0	0	%100
78	M76A	Z	11.267	11.267	0	%100
79	M77B	X	0	0	0	%100
80	M77B	Z	2.609	2.609	0	%100
81	M82B	X	0	0	0	%100
82	M82B	Z	15.859	15.859	0	%100
83	M83B	X	0	0	0	%100
84	M83B	Z	5.351	5.351	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	5.546	5.546	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	15.859	15.859	0	%100
89	M88A	X	0	0	0	%100
90	M88A	Z	21.405	21.405	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	22.183	22.183	0	%100
93	MP4B	X	0	0	0	%100
94	MP4B	Z	8.319	8.319	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	8.319	8.319	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	12.259	12.259	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	3.065	3.065	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	3.065	3.065	0	%100
103	MP3C	X	0	0	0	%100
104	MP3C	Z	8.319	8.319	0	%100
105	MP2C	X	0	0	0	%100
106	MP2C	Z	8.319	8.319	0	%100
107	MP3B	X	0	0	0	%100
108	MP3B	Z	8.319	8.319	0	%100
109	MP2B	X	0	0	0	%100
110	MP2B	Z	8.319	8.319	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	3.365	3.365	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	13.461	13.461	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	3.365	3.365	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	M20	X	-4.597	-4.597	0	%100
2	M20	Z	7.962	7.962	0	%100
3	M72A	X	-1.679	-1.679	0	%100
4	M72A	Z	2.908	2.908	0	%100
5	M73	X	-4.303	-4.303	0	%100
6	M73	Z	7.453	7.453	0	%100
7	M74	X	-4.303	-4.303	0	%100
8	M74	Z	7.453	7.453	0	%100
9	M75	X	-7.881	-7.881	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,%]
10	M75	Z	13.65	13.65	0	%100
11	M78	X	-4.332	-4.332	0	%100
12	M78	Z	7.504	7.504	0	%100
13	M79	X	-.003	-.003	0	%100
14	M79	Z	.005	.005	0	%100
15	M84	X	-2.643	-2.643	0	%100
16	M84	Z	4.578	4.578	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	-2.643	-2.643	0	%100
22	M89A	Z	4.578	4.578	0	%100
23	M90A	X	-8.027	-8.027	0	%100
24	M90A	Z	13.903	13.903	0	%100
25	M92	X	-8.319	-8.319	0	%100
26	M92	Z	14.408	14.408	0	%100
27	MP4A	X	-4.159	-4.159	0	%100
28	MP4A	Z	7.204	7.204	0	%100
29	MP3A	X	-4.159	-4.159	0	%100
30	MP3A	Z	7.204	7.204	0	%100
31	MP2A	X	-4.159	-4.159	0	%100
32	MP2A	Z	7.204	7.204	0	%100
33	MP1A	X	-4.159	-4.159	0	%100
34	MP1A	Z	7.204	7.204	0	%100
35	OVP	X	-3.401	-3.401	0	%100
36	OVP	Z	5.891	5.891	0	%100
37	M36	X	-4.597	-4.597	0	%100
38	M36	Z	7.962	7.962	0	%100
39	M37	X	-1.679	-1.679	0	%100
40	M37	Z	2.908	2.908	0	%100
41	M38	X	-4.303	-4.303	0	%100
42	M38	Z	7.453	7.453	0	%100
43	M39	X	-4.303	-4.303	0	%100
44	M39	Z	7.453	7.453	0	%100
45	M40	X	-7.881	-7.881	0	%100
46	M40	Z	13.65	13.65	0	%100
47	M43	X	-.003	-.003	0	%100
48	M43	Z	.005	.005	0	%100
49	M44	X	-4.333	-4.333	0	%100
50	M44	Z	7.505	7.505	0	%100
51	M49	X	-2.643	-2.643	0	%100
52	M49	Z	4.578	4.578	0	%100
53	M50	X	-8.027	-8.027	0	%100
54	M50	Z	13.903	13.903	0	%100
55	M52	X	-8.319	-8.319	0	%100
56	M52	Z	14.408	14.408	0	%100
57	M54	X	-2.643	-2.643	0	%100
58	M54	Z	4.578	4.578	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	MP4C	X	-4.159	-4.159	0	%100
64	MP4C	Z	7.204	7.204	0	%100
65	MP1C	X	-4.159	-4.159	0	%100
66	MP1C	Z	7.204	7.204	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	M69	X	0	0	0	%100
68	M69	Z	0	0	0	%100
69	M70	X	-6.715	-6.715	0	%100
70	M70	Z	11.631	11.631	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	0	0	0	%100
73	M72	X	0	0	0	%100
74	M72	Z	0	0	0	%100
75	M73A	X	0	0	0	%100
76	M73A	Z	0	0	0	%100
77	M76A	X	-4.12	-4.12	0	%100
78	M76A	Z	7.135	7.135	0	%100
79	M77B	X	-4.12	-4.12	0	%100
80	M77B	Z	7.136	7.136	0	%100
81	M82B	X	-10.573	-10.573	0	%100
82	M82B	Z	18.312	18.312	0	%100
83	M83B	X	-8.027	-8.027	0	%100
84	M83B	Z	13.903	13.903	0	%100
85	M85A	X	-8.319	-8.319	0	%100
86	M85A	Z	14.408	14.408	0	%100
87	M87	X	-10.573	-10.573	0	%100
88	M87	Z	18.312	18.312	0	%100
89	M88A	X	-8.027	-8.027	0	%100
90	M88A	Z	13.903	13.903	0	%100
91	M90	X	-8.319	-8.319	0	%100
92	M90	Z	14.408	14.408	0	%100
93	MP4B	X	-4.159	-4.159	0	%100
94	MP4B	Z	7.204	7.204	0	%100
95	MP1B	X	-4.159	-4.159	0	%100
96	MP1B	Z	7.204	7.204	0	%100
97	M102	X	-4.597	-4.597	0	%100
98	M102	Z	7.962	7.962	0	%100
99	M107	X	-4.597	-4.597	0	%100
100	M107	Z	7.962	7.962	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	0	0	0	%100
103	MP3C	X	-4.159	-4.159	0	%100
104	MP3C	Z	7.204	7.204	0	%100
105	MP2C	X	-4.159	-4.159	0	%100
106	MP2C	Z	7.204	7.204	0	%100
107	MP3B	X	-4.159	-4.159	0	%100
108	MP3B	Z	7.204	7.204	0	%100
109	MP2B	X	-4.159	-4.159	0	%100
110	MP2B	Z	7.204	7.204	0	%100
111	M123	X	-5.048	-5.048	0	%100
112	M123	Z	8.743	8.743	0	%100
113	M124	X	-5.048	-5.048	0	%100
114	M124	Z	8.743	8.743	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	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	M20	X	-2.654	-2.654	0	%100
2	M20	Z	1.532	1.532	0	%100
3	M72A	X	-8.723	-8.723	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,%]
4	M72A	Z	5.037	5.037	0	%100
5	M73	X	-2.484	-2.484	0	%100
6	M73	Z	1.434	1.434	0	%100
7	M74	X	-2.484	-2.484	0	%100
8	M74	Z	1.434	1.434	0	%100
9	M75	X	-4.55	-4.55	0	%100
10	M75	Z	2.627	2.627	0	%100
11	M78	X	-9.758	-9.758	0	%100
12	M78	Z	5.634	5.634	0	%100
13	M79	X	-2.259	-2.259	0	%100
14	M79	Z	1.304	1.304	0	%100
15	M84	X	-13.734	-13.734	0	%100
16	M84	Z	7.929	7.929	0	%100
17	M85	X	-4.634	-4.634	0	%100
18	M85	Z	2.676	2.676	0	%100
19	M87A	X	-4.803	-4.803	0	%100
20	M87A	Z	2.773	2.773	0	%100
21	M89A	X	-13.734	-13.734	0	%100
22	M89A	Z	7.929	7.929	0	%100
23	M90A	X	-18.537	-18.537	0	%100
24	M90A	Z	10.702	10.702	0	%100
25	M92	X	-19.211	-19.211	0	%100
26	M92	Z	11.092	11.092	0	%100
27	MP4A	X	-7.204	-7.204	0	%100
28	MP4A	Z	4.159	4.159	0	%100
29	MP3A	X	-7.204	-7.204	0	%100
30	MP3A	Z	4.159	4.159	0	%100
31	MP2A	X	-7.204	-7.204	0	%100
32	MP2A	Z	4.159	4.159	0	%100
33	MP1A	X	-7.204	-7.204	0	%100
34	MP1A	Z	4.159	4.159	0	%100
35	OVP	X	-5.891	-5.891	0	%100
36	OVP	Z	3.401	3.401	0	%100
37	M36	X	-10.617	-10.617	0	%100
38	M36	Z	6.13	6.13	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	-9.938	-9.938	0	%100
42	M38	Z	5.738	5.738	0	%100
43	M39	X	-9.938	-9.938	0	%100
44	M39	Z	5.738	5.738	0	%100
45	M40	X	-18.2	-18.2	0	%100
46	M40	Z	10.508	10.508	0	%100
47	M43	X	-2.627	-2.627	0	%100
48	M43	Z	1.517	1.517	0	%100
49	M44	X	-2.628	-2.628	0	%100
50	M44	Z	1.517	1.517	0	%100
51	M49	X	0	0	0	%100
52	M49	Z	0	0	0	%100
53	M50	X	-4.634	-4.634	0	%100
54	M50	Z	2.676	2.676	0	%100
55	M52	X	-4.803	-4.803	0	%100
56	M52	Z	2.773	2.773	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-4.634	-4.634	0	%100
60	M55	Z	2.676	2.676	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,%]
61	M57	X	-4.803	-4.803	0	%100
62	M57	Z	2.773	2.773	0	%100
63	MP4C	X	-7.204	-7.204	0	%100
64	MP4C	Z	4.159	4.159	0	%100
65	MP1C	X	-7.204	-7.204	0	%100
66	MP1C	Z	4.159	4.159	0	%100
67	M69	X	-2.654	-2.654	0	%100
68	M69	Z	1.532	1.532	0	%100
69	M70	X	-8.723	-8.723	0	%100
70	M70	Z	5.037	5.037	0	%100
71	M71	X	-2.484	-2.484	0	%100
72	M71	Z	1.434	1.434	0	%100
73	M72	X	-2.484	-2.484	0	%100
74	M72	Z	1.434	1.434	0	%100
75	M73A	X	-4.55	-4.55	0	%100
76	M73A	Z	2.627	2.627	0	%100
77	M76A	X	-2.259	-2.259	0	%100
78	M76A	Z	1.304	1.304	0	%100
79	M77B	X	-9.759	-9.759	0	%100
80	M77B	Z	5.635	5.635	0	%100
81	M82B	X	-13.734	-13.734	0	%100
82	M82B	Z	7.929	7.929	0	%100
83	M83B	X	-18.537	-18.537	0	%100
84	M83B	Z	10.702	10.702	0	%100
85	M85A	X	-19.211	-19.211	0	%100
86	M85A	Z	11.092	11.092	0	%100
87	M87	X	-13.734	-13.734	0	%100
88	M87	Z	7.929	7.929	0	%100
89	M88A	X	-4.634	-4.634	0	%100
90	M88A	Z	2.676	2.676	0	%100
91	M90	X	-4.803	-4.803	0	%100
92	M90	Z	2.773	2.773	0	%100
93	MP4B	X	-7.204	-7.204	0	%100
94	MP4B	Z	4.159	4.159	0	%100
95	MP1B	X	-7.204	-7.204	0	%100
96	MP1B	Z	4.159	4.159	0	%100
97	M102	X	-2.654	-2.654	0	%100
98	M102	Z	1.532	1.532	0	%100
99	M107	X	-10.617	-10.617	0	%100
100	M107	Z	6.13	6.13	0	%100
101	M111	X	-2.654	-2.654	0	%100
102	M111	Z	1.532	1.532	0	%100
103	MP3C	X	-7.204	-7.204	0	%100
104	MP3C	Z	4.159	4.159	0	%100
105	MP2C	X	-7.204	-7.204	0	%100
106	MP2C	Z	4.159	4.159	0	%100
107	MP3B	X	-7.204	-7.204	0	%100
108	MP3B	Z	4.159	4.159	0	%100
109	MP2B	X	-7.204	-7.204	0	%100
110	MP2B	Z	4.159	4.159	0	%100
111	M123	X	-11.657	-11.657	0	%100
112	M123	Z	6.73	6.73	0	%100
113	M124	X	-2.914	-2.914	0	%100
114	M124	Z	1.683	1.683	0	%100
115	M125	X	-2.914	-2.914	0	%100
116	M125	Z	1.683	1.683	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M72A	X	-13.431	-13.431	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	0	0	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	0	0	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	0	0	0	%100
11	M78	X	-8.239	-8.239	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	-8.24	-8.24	0	%100
14	M79	Z	0	0	0	%100
15	M84	X	-21.145	-21.145	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	-16.053	-16.053	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	-16.637	-16.637	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	-21.145	-21.145	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	-16.053	-16.053	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	-16.637	-16.637	0	%100
26	M92	Z	0	0	0	%100
27	MP4A	X	-8.319	-8.319	0	%100
28	MP4A	Z	0	0	0	%100
29	MP3A	X	-8.319	-8.319	0	%100
30	MP3A	Z	0	0	0	%100
31	MP2A	X	-8.319	-8.319	0	%100
32	MP2A	Z	0	0	0	%100
33	MP1A	X	-8.319	-8.319	0	%100
34	MP1A	Z	0	0	0	%100
35	OVP	X	-6.802	-6.802	0	%100
36	OVP	Z	0	0	0	%100
37	M36	X	-9.194	-9.194	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	-3.358	-3.358	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	-8.606	-8.606	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	-8.606	-8.606	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	-15.762	-15.762	0	%100
46	M40	Z	0	0	0	%100
47	M43	X	-8.665	-8.665	0	%100
48	M43	Z	0	0	0	%100
49	M44	X	-.005	-.005	0	%100
50	M44	Z	0	0	0	%100
51	M49	X	-5.286	-5.286	0	%100
52	M49	Z	0	0	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	0	0	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	0	0	0	%100
57	M54	X	-5.286	-5.286	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,%]
58	M54	Z	0	0	0	%100
59	M55	X	-16.053	-16.053	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	-16.637	-16.637	0	%100
62	M57	Z	0	0	0	%100
63	MP4C	X	-8.319	-8.319	0	%100
64	MP4C	Z	0	0	0	%100
65	MP1C	X	-8.319	-8.319	0	%100
66	MP1C	Z	0	0	0	%100
67	M69	X	-9.194	-9.194	0	%100
68	M69	Z	0	0	0	%100
69	M70	X	-3.358	-3.358	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	-8.606	-8.606	0	%100
72	M71	Z	0	0	0	%100
73	M72	X	-8.606	-8.606	0	%100
74	M72	Z	0	0	0	%100
75	M73A	X	-15.762	-15.762	0	%100
76	M73A	Z	0	0	0	%100
77	M76A	X	-.005	-.005	0	%100
78	M76A	Z	0	0	0	%100
79	M77B	X	-8.666	-8.666	0	%100
80	M77B	Z	0	0	0	%100
81	M82B	X	-5.286	-5.286	0	%100
82	M82B	Z	0	0	0	%100
83	M83B	X	-16.053	-16.053	0	%100
84	M83B	Z	0	0	0	%100
85	M85A	X	-16.637	-16.637	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	-5.286	-5.286	0	%100
88	M87	Z	0	0	0	%100
89	M88A	X	0	0	0	%100
90	M88A	Z	0	0	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	0	0	0	%100
93	MP4B	X	-8.319	-8.319	0	%100
94	MP4B	Z	0	0	0	%100
95	MP1B	X	-8.319	-8.319	0	%100
96	MP1B	Z	0	0	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	0	0	0	%100
99	M107	X	-9.194	-9.194	0	%100
100	M107	Z	0	0	0	%100
101	M111	X	-9.194	-9.194	0	%100
102	M111	Z	0	0	0	%100
103	MP3C	X	-8.319	-8.319	0	%100
104	MP3C	Z	0	0	0	%100
105	MP2C	X	-8.319	-8.319	0	%100
106	MP2C	Z	0	0	0	%100
107	MP3B	X	-8.319	-8.319	0	%100
108	MP3B	Z	0	0	0	%100
109	MP2B	X	-8.319	-8.319	0	%100
110	MP2B	Z	0	0	0	%100
111	M123	X	-10.096	-10.096	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	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,%]
115	M125	X	-10.096	-10.096	0	%100
116	M125	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	M20	X	-2.654	-2.654	0	%100
2	M20	Z	-1.532	-1.532	0	%100
3	M72A	X	-8.723	-8.723	0	%100
4	M72A	Z	-5.037	-5.037	0	%100
5	M73	X	-2.484	-2.484	0	%100
6	M73	Z	-1.434	-1.434	0	%100
7	M74	X	-2.484	-2.484	0	%100
8	M74	Z	-1.434	-1.434	0	%100
9	M75	X	-4.55	-4.55	0	%100
10	M75	Z	-2.627	-2.627	0	%100
11	M78	X	-2.259	-2.259	0	%100
12	M78	Z	-1.304	-1.304	0	%100
13	M79	X	-9.759	-9.759	0	%100
14	M79	Z	-5.635	-5.635	0	%100
15	M84	X	-13.734	-13.734	0	%100
16	M84	Z	-7.929	-7.929	0	%100
17	M85	X	-18.537	-18.537	0	%100
18	M85	Z	-10.702	-10.702	0	%100
19	M87A	X	-19.211	-19.211	0	%100
20	M87A	Z	-11.092	-11.092	0	%100
21	M89A	X	-13.734	-13.734	0	%100
22	M89A	Z	-7.929	-7.929	0	%100
23	M90A	X	-4.634	-4.634	0	%100
24	M90A	Z	-2.676	-2.676	0	%100
25	M92	X	-4.803	-4.803	0	%100
26	M92	Z	-2.773	-2.773	0	%100
27	MP4A	X	-7.204	-7.204	0	%100
28	MP4A	Z	-4.159	-4.159	0	%100
29	MP3A	X	-7.204	-7.204	0	%100
30	MP3A	Z	-4.159	-4.159	0	%100
31	MP2A	X	-7.204	-7.204	0	%100
32	MP2A	Z	-4.159	-4.159	0	%100
33	MP1A	X	-7.204	-7.204	0	%100
34	MP1A	Z	-4.159	-4.159	0	%100
35	OVP	X	-5.891	-5.891	0	%100
36	OVP	Z	-3.401	-3.401	0	%100
37	M36	X	-2.654	-2.654	0	%100
38	M36	Z	-1.532	-1.532	0	%100
39	M37	X	-8.723	-8.723	0	%100
40	M37	Z	-5.037	-5.037	0	%100
41	M38	X	-2.484	-2.484	0	%100
42	M38	Z	-1.434	-1.434	0	%100
43	M39	X	-2.484	-2.484	0	%100
44	M39	Z	-1.434	-1.434	0	%100
45	M40	X	-4.55	-4.55	0	%100
46	M40	Z	-2.627	-2.627	0	%100
47	M43	X	-9.758	-9.758	0	%100
48	M43	Z	-5.634	-5.634	0	%100
49	M44	X	-2.259	-2.259	0	%100
50	M44	Z	-1.304	-1.304	0	%100
51	M49	X	-13.734	-13.734	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,%]
52	M49	Z	-7.929	-7.929	0	%100
53	M50	X	-4.634	-4.634	0	%100
54	M50	Z	-2.676	-2.676	0	%100
55	M52	X	-4.803	-4.803	0	%100
56	M52	Z	-2.773	-2.773	0	%100
57	M54	X	-13.734	-13.734	0	%100
58	M54	Z	-7.929	-7.929	0	%100
59	M55	X	-18.537	-18.537	0	%100
60	M55	Z	-10.702	-10.702	0	%100
61	M57	X	-19.211	-19.211	0	%100
62	M57	Z	-11.092	-11.092	0	%100
63	MP4C	X	-7.204	-7.204	0	%100
64	MP4C	Z	-4.159	-4.159	0	%100
65	MP1C	X	-7.204	-7.204	0	%100
66	MP1C	Z	-4.159	-4.159	0	%100
67	M69	X	-10.617	-10.617	0	%100
68	M69	Z	-6.13	-6.13	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	-9.938	-9.938	0	%100
72	M71	Z	-5.738	-5.738	0	%100
73	M72	X	-9.938	-9.938	0	%100
74	M72	Z	-5.738	-5.738	0	%100
75	M73A	X	-18.2	-18.2	0	%100
76	M73A	Z	-10.508	-10.508	0	%100
77	M76A	X	-2.627	-2.627	0	%100
78	M76A	Z	-1.517	-1.517	0	%100
79	M77B	X	-2.628	-2.628	0	%100
80	M77B	Z	-1.517	-1.517	0	%100
81	M82B	X	0	0	0	%100
82	M82B	Z	0	0	0	%100
83	M83B	X	-4.634	-4.634	0	%100
84	M83B	Z	-2.676	-2.676	0	%100
85	M85A	X	-4.803	-4.803	0	%100
86	M85A	Z	-2.773	-2.773	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	0	0	0	%100
89	M88A	X	-4.634	-4.634	0	%100
90	M88A	Z	-2.676	-2.676	0	%100
91	M90	X	-4.803	-4.803	0	%100
92	M90	Z	-2.773	-2.773	0	%100
93	MP4B	X	-7.204	-7.204	0	%100
94	MP4B	Z	-4.159	-4.159	0	%100
95	MP1B	X	-7.204	-7.204	0	%100
96	MP1B	Z	-4.159	-4.159	0	%100
97	M102	X	-2.654	-2.654	0	%100
98	M102	Z	-1.532	-1.532	0	%100
99	M107	X	-2.654	-2.654	0	%100
100	M107	Z	-1.532	-1.532	0	%100
101	M111	X	-10.617	-10.617	0	%100
102	M111	Z	-6.13	-6.13	0	%100
103	MP3C	X	-7.204	-7.204	0	%100
104	MP3C	Z	-4.159	-4.159	0	%100
105	MP2C	X	-7.204	-7.204	0	%100
106	MP2C	Z	-4.159	-4.159	0	%100
107	MP3B	X	-7.204	-7.204	0	%100
108	MP3B	Z	-4.159	-4.159	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,%]
109	MP2B	X	-7.204	-7.204	0	%100
110	MP2B	Z	-4.159	-4.159	0	%100
111	M123	X	-2.914	-2.914	0	%100
112	M123	Z	-1.683	-1.683	0	%100
113	M124	X	-2.914	-2.914	0	%100
114	M124	Z	-1.683	-1.683	0	%100
115	M125	X	-11.657	-11.657	0	%100
116	M125	Z	-6.73	-6.73	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	M20	X	-4.597	-4.597	0	%100
2	M20	Z	-7.962	-7.962	0	%100
3	M72A	X	-1.679	-1.679	0	%100
4	M72A	Z	-2.908	-2.908	0	%100
5	M73	X	-4.303	-4.303	0	%100
6	M73	Z	-7.453	-7.453	0	%100
7	M74	X	-4.303	-4.303	0	%100
8	M74	Z	-7.453	-7.453	0	%100
9	M75	X	-7.881	-7.881	0	%100
10	M75	Z	-13.65	-13.65	0	%100
11	M78	X	-.003	-.003	0	%100
12	M78	Z	-.005	-.005	0	%100
13	M79	X	-4.333	-4.333	0	%100
14	M79	Z	-7.505	-7.505	0	%100
15	M84	X	-2.643	-2.643	0	%100
16	M84	Z	-4.578	-4.578	0	%100
17	M85	X	-8.027	-8.027	0	%100
18	M85	Z	-13.903	-13.903	0	%100
19	M87A	X	-8.319	-8.319	0	%100
20	M87A	Z	-14.408	-14.408	0	%100
21	M89A	X	-2.643	-2.643	0	%100
22	M89A	Z	-4.578	-4.578	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	0	0	0	%100
27	MP4A	X	-4.159	-4.159	0	%100
28	MP4A	Z	-7.204	-7.204	0	%100
29	MP3A	X	-4.159	-4.159	0	%100
30	MP3A	Z	-7.204	-7.204	0	%100
31	MP2A	X	-4.159	-4.159	0	%100
32	MP2A	Z	-7.204	-7.204	0	%100
33	MP1A	X	-4.159	-4.159	0	%100
34	MP1A	Z	-7.204	-7.204	0	%100
35	OVP	X	-3.401	-3.401	0	%100
36	OVP	Z	-5.891	-5.891	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	-6.715	-6.715	0	%100
40	M37	Z	-11.631	-11.631	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M40	Z	0	0	0	%100
47	M43	X	-4.12	-4.12	0	%100
48	M43	Z	-7.135	-7.135	0	%100
49	M44	X	-4.12	-4.12	0	%100
50	M44	Z	-7.136	-7.136	0	%100
51	M49	X	-10.573	-10.573	0	%100
52	M49	Z	-18.312	-18.312	0	%100
53	M50	X	-8.027	-8.027	0	%100
54	M50	Z	-13.903	-13.903	0	%100
55	M52	X	-8.319	-8.319	0	%100
56	M52	Z	-14.408	-14.408	0	%100
57	M54	X	-10.573	-10.573	0	%100
58	M54	Z	-18.312	-18.312	0	%100
59	M55	X	-8.027	-8.027	0	%100
60	M55	Z	-13.903	-13.903	0	%100
61	M57	X	-8.319	-8.319	0	%100
62	M57	Z	-14.408	-14.408	0	%100
63	MP4C	X	-4.159	-4.159	0	%100
64	MP4C	Z	-7.204	-7.204	0	%100
65	MP1C	X	-4.159	-4.159	0	%100
66	MP1C	Z	-7.204	-7.204	0	%100
67	M69	X	-4.597	-4.597	0	%100
68	M69	Z	-7.962	-7.962	0	%100
69	M70	X	-1.679	-1.679	0	%100
70	M70	Z	-2.908	-2.908	0	%100
71	M71	X	-4.303	-4.303	0	%100
72	M71	Z	-7.453	-7.453	0	%100
73	M72	X	-4.303	-4.303	0	%100
74	M72	Z	-7.453	-7.453	0	%100
75	M73A	X	-7.881	-7.881	0	%100
76	M73A	Z	-13.65	-13.65	0	%100
77	M76A	X	-4.332	-4.332	0	%100
78	M76A	Z	-7.504	-7.504	0	%100
79	M77B	X	-.003	-.003	0	%100
80	M77B	Z	-.005	-.005	0	%100
81	M82B	X	-2.643	-2.643	0	%100
82	M82B	Z	-4.578	-4.578	0	%100
83	M83B	X	0	0	0	%100
84	M83B	Z	0	0	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	-2.643	-2.643	0	%100
88	M87	Z	-4.578	-4.578	0	%100
89	M88A	X	-8.027	-8.027	0	%100
90	M88A	Z	-13.903	-13.903	0	%100
91	M90	X	-8.319	-8.319	0	%100
92	M90	Z	-14.408	-14.408	0	%100
93	MP4B	X	-4.159	-4.159	0	%100
94	MP4B	Z	-7.204	-7.204	0	%100
95	MP1B	X	-4.159	-4.159	0	%100
96	MP1B	Z	-7.204	-7.204	0	%100
97	M102	X	-4.597	-4.597	0	%100
98	M102	Z	-7.962	-7.962	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	0	0	0	%100
101	M111	X	-4.597	-4.597	0	%100
102	M111	Z	-7.962	-7.962	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,%]
103	MP3C	X	-4.159	-4.159	0	%100
104	MP3C	Z	-7.204	-7.204	0	%100
105	MP2C	X	-4.159	-4.159	0	%100
106	MP2C	Z	-7.204	-7.204	0	%100
107	MP3B	X	-4.159	-4.159	0	%100
108	MP3B	Z	-7.204	-7.204	0	%100
109	MP2B	X	-4.159	-4.159	0	%100
110	MP2B	Z	-7.204	-7.204	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-5.048	-5.048	0	%100
114	M124	Z	-8.743	-8.743	0	%100
115	M125	X	-5.048	-5.048	0	%100
116	M125	Z	-8.743	-8.743	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	M20	X	0	0	0	%100
2	M20	Z	-3.352	-3.352	0	%100
3	M72A	X	0	0	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	-2.918	-2.918	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	-2.918	-2.918	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	-4.326	-4.326	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	-.825	-.825	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	-.825	-.825	0	%100
15	M84	X	0	0	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	-1.078	-1.078	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	-1.11	-1.11	0	%100
21	M89A	X	0	0	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	-1.078	-1.078	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	-1.11	-1.11	0	%100
27	MP4A	X	0	0	0	%100
28	MP4A	Z	-2.701	-2.701	0	%100
29	MP3A	X	0	0	0	%100
30	MP3A	Z	-2.701	-2.701	0	%100
31	MP2A	X	0	0	0	%100
32	MP2A	Z	-2.701	-2.701	0	%100
33	MP1A	X	0	0	0	%100
34	MP1A	Z	-2.701	-2.701	0	%100
35	OVP	X	0	0	0	%100
36	OVP	Z	-2.222	-2.222	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	-.838	-.838	0	%100
39	M37	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,%]
40	M37	Z	-2.66	-2.66	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	-.73	-.73	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	-.73	-.73	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	-1.081	-1.081	0	%100
47	M43	X	0	0	0	%100
48	M43	Z	-.71	-.71	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	-3.066	-3.066	0	%100
51	M49	X	0	0	0	%100
52	M49	Z	-3.201	-3.201	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	-4.311	-4.311	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	-4.44	-4.44	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	-3.201	-3.201	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	-1.078	-1.078	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	-1.11	-1.11	0	%100
63	MP4C	X	0	0	0	%100
64	MP4C	Z	-2.701	-2.701	0	%100
65	MP1C	X	0	0	0	%100
66	MP1C	Z	-2.701	-2.701	0	%100
67	M69	X	0	0	0	%100
68	M69	Z	-.838	-.838	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	-2.66	-2.66	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	-.73	-.73	0	%100
73	M72	X	0	0	0	%100
74	M72	Z	-.73	-.73	0	%100
75	M73A	X	0	0	0	%100
76	M73A	Z	-1.081	-1.081	0	%100
77	M76A	X	0	0	0	%100
78	M76A	Z	-3.065	-3.065	0	%100
79	M77B	X	0	0	0	%100
80	M77B	Z	-.71	-.71	0	%100
81	M82B	X	0	0	0	%100
82	M82B	Z	-3.201	-3.201	0	%100
83	M83B	X	0	0	0	%100
84	M83B	Z	-1.078	-1.078	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	-1.11	-1.11	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	-3.201	-3.201	0	%100
89	M88A	X	0	0	0	%100
90	M88A	Z	-4.311	-4.311	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	-4.44	-4.44	0	%100
93	MP4B	X	0	0	0	%100
94	MP4B	Z	-2.701	-2.701	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	-2.701	-2.701	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,%]
97	M102	X	0	0	0	%100
98	M102	Z	-3.352	-3.352	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	-.838	-.838	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	-.838	-.838	0	%100
103	MP3C	X	0	0	0	%100
104	MP3C	Z	-2.701	-2.701	0	%100
105	MP2C	X	0	0	0	%100
106	MP2C	Z	-2.701	-2.701	0	%100
107	MP3B	X	0	0	0	%100
108	MP3B	Z	-2.701	-2.701	0	%100
109	MP2B	X	0	0	0	%100
110	MP2B	Z	-2.701	-2.701	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-.824	-.824	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-3.294	-3.294	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	-.824	-.824	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	M20	X	1.257	1.257	0	%100
2	M20	Z	-2.177	-2.177	0	%100
3	M72A	X	.443	.443	0	%100
4	M72A	Z	-.768	-.768	0	%100
5	M73	X	1.094	1.094	0	%100
6	M73	Z	-1.895	-1.895	0	%100
7	M74	X	1.094	1.094	0	%100
8	M74	Z	-1.895	-1.895	0	%100
9	M75	X	1.622	1.622	0	%100
10	M75	Z	-2.81	-2.81	0	%100
11	M78	X	1.179	1.179	0	%100
12	M78	Z	-2.041	-2.041	0	%100
13	M79	X	.000729	.000729	0	%100
14	M79	Z	-.001	-.001	0	%100
15	M84	X	.534	.534	0	%100
16	M84	Z	-.924	-.924	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	.534	.534	0	%100
22	M89A	Z	-.924	-.924	0	%100
23	M90A	X	1.617	1.617	0	%100
24	M90A	Z	-2.8	-2.8	0	%100
25	M92	X	1.665	1.665	0	%100
26	M92	Z	-2.884	-2.884	0	%100
27	MP4A	X	1.351	1.351	0	%100
28	MP4A	Z	-2.339	-2.339	0	%100
29	MP3A	X	1.351	1.351	0	%100
30	MP3A	Z	-2.339	-2.339	0	%100
31	MP2A	X	1.351	1.351	0	%100
32	MP2A	Z	-2.339	-2.339	0	%100
33	MP1A	X	1.351	1.351	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,%]
34	MP1A	Z	-2.339	-2.339	0	%100
35	OVP	X	1.111	1.111	0	%100
36	OVP	Z	-1.925	-1.925	0	%100
37	M36	X	1.257	1.257	0	%100
38	M36	Z	-2.177	-2.177	0	%100
39	M37	X	.443	.443	0	%100
40	M37	Z	-.768	-.768	0	%100
41	M38	X	1.094	1.094	0	%100
42	M38	Z	-1.895	-1.895	0	%100
43	M39	X	1.094	1.094	0	%100
44	M39	Z	-1.895	-1.895	0	%100
45	M40	X	1.622	1.622	0	%100
46	M40	Z	-2.81	-2.81	0	%100
47	M43	X	.000729	.000729	0	%100
48	M43	Z	-.001	-.001	0	%100
49	M44	X	1.179	1.179	0	%100
50	M44	Z	-2.042	-2.042	0	%100
51	M49	X	.534	.534	0	%100
52	M49	Z	-.924	-.924	0	%100
53	M50	X	1.617	1.617	0	%100
54	M50	Z	-2.8	-2.8	0	%100
55	M52	X	1.665	1.665	0	%100
56	M52	Z	-2.884	-2.884	0	%100
57	M54	X	.534	.534	0	%100
58	M54	Z	-.924	-.924	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	MP4C	X	1.351	1.351	0	%100
64	MP4C	Z	-2.339	-2.339	0	%100
65	MP1C	X	1.351	1.351	0	%100
66	MP1C	Z	-2.339	-2.339	0	%100
67	M69	X	0	0	0	%100
68	M69	Z	0	0	0	%100
69	M70	X	1.773	1.773	0	%100
70	M70	Z	-3.071	-3.071	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	0	0	0	%100
73	M72	X	0	0	0	%100
74	M72	Z	0	0	0	%100
75	M73A	X	0	0	0	%100
76	M73A	Z	0	0	0	%100
77	M76A	X	1.121	1.121	0	%100
78	M76A	Z	-1.941	-1.941	0	%100
79	M77B	X	1.121	1.121	0	%100
80	M77B	Z	-1.941	-1.941	0	%100
81	M82B	X	2.134	2.134	0	%100
82	M82B	Z	-3.696	-3.696	0	%100
83	M83B	X	1.617	1.617	0	%100
84	M83B	Z	-2.8	-2.8	0	%100
85	M85A	X	1.665	1.665	0	%100
86	M85A	Z	-2.884	-2.884	0	%100
87	M87	X	2.134	2.134	0	%100
88	M87	Z	-3.696	-3.696	0	%100
89	M88A	X	1.617	1.617	0	%100
90	M88A	Z	-2.8	-2.8	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,%]
91	M90	X	1.665	1.665	0	%100
92	M90	Z	-2.884	-2.884	0	%100
93	MP4B	X	1.351	1.351	0	%100
94	MP4B	Z	-2.339	-2.339	0	%100
95	MP1B	X	1.351	1.351	0	%100
96	MP1B	Z	-2.339	-2.339	0	%100
97	M102	X	1.257	1.257	0	%100
98	M102	Z	-2.177	-2.177	0	%100
99	M107	X	1.257	1.257	0	%100
100	M107	Z	-2.177	-2.177	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	0	0	0	%100
103	MP3C	X	1.351	1.351	0	%100
104	MP3C	Z	-2.339	-2.339	0	%100
105	MP2C	X	1.351	1.351	0	%100
106	MP2C	Z	-2.339	-2.339	0	%100
107	MP3B	X	1.351	1.351	0	%100
108	MP3B	Z	-2.339	-2.339	0	%100
109	MP2B	X	1.351	1.351	0	%100
110	MP2B	Z	-2.339	-2.339	0	%100
111	M123	X	1.235	1.235	0	%100
112	M123	Z	-2.14	-2.14	0	%100
113	M124	X	1.235	1.235	0	%100
114	M124	Z	-2.14	-2.14	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	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	M20	X	.726	.726	0	%100
2	M20	Z	-.419	-.419	0	%100
3	M72A	X	2.303	2.303	0	%100
4	M72A	Z	-1.33	-1.33	0	%100
5	M73	X	.632	.632	0	%100
6	M73	Z	-.365	-.365	0	%100
7	M74	X	.632	.632	0	%100
8	M74	Z	-.365	-.365	0	%100
9	M75	X	.937	.937	0	%100
10	M75	Z	-.541	-.541	0	%100
11	M78	X	2.655	2.655	0	%100
12	M78	Z	-1.533	-1.533	0	%100
13	M79	X	.615	.615	0	%100
14	M79	Z	-.355	-.355	0	%100
15	M84	X	2.772	2.772	0	%100
16	M84	Z	-1.601	-1.601	0	%100
17	M85	X	.933	.933	0	%100
18	M85	Z	-.539	-.539	0	%100
19	M87A	X	.961	.961	0	%100
20	M87A	Z	-.555	-.555	0	%100
21	M89A	X	2.772	2.772	0	%100
22	M89A	Z	-1.601	-1.601	0	%100
23	M90A	X	3.733	3.733	0	%100
24	M90A	Z	-2.155	-2.155	0	%100
25	M92	X	3.845	3.845	0	%100
26	M92	Z	-2.22	-2.22	0	%100
27	MP4A	X	2.339	2.339	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,%]
28	MP4A	Z	-1.351	-1.351	0	%100
29	MP3A	X	2.339	2.339	0	%100
30	MP3A	Z	-1.351	-1.351	0	%100
31	MP2A	X	2.339	2.339	0	%100
32	MP2A	Z	-1.351	-1.351	0	%100
33	MP1A	X	2.339	2.339	0	%100
34	MP1A	Z	-1.351	-1.351	0	%100
35	OVP	X	1.925	1.925	0	%100
36	OVP	Z	-1.111	-1.111	0	%100
37	M36	X	2.903	2.903	0	%100
38	M36	Z	-1.676	-1.676	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	2.527	2.527	0	%100
42	M38	Z	-1.459	-1.459	0	%100
43	M39	X	2.527	2.527	0	%100
44	M39	Z	-1.459	-1.459	0	%100
45	M40	X	3.746	3.746	0	%100
46	M40	Z	-2.163	-2.163	0	%100
47	M43	X	.715	.715	0	%100
48	M43	Z	-.413	-.413	0	%100
49	M44	X	.715	.715	0	%100
50	M44	Z	-.413	-.413	0	%100
51	M49	X	0	0	0	%100
52	M49	Z	0	0	0	%100
53	M50	X	.933	.933	0	%100
54	M50	Z	-.539	-.539	0	%100
55	M52	X	.961	.961	0	%100
56	M52	Z	-.555	-.555	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	.933	.933	0	%100
60	M55	Z	-.539	-.539	0	%100
61	M57	X	.961	.961	0	%100
62	M57	Z	-.555	-.555	0	%100
63	MP4C	X	2.339	2.339	0	%100
64	MP4C	Z	-1.351	-1.351	0	%100
65	MP1C	X	2.339	2.339	0	%100
66	MP1C	Z	-1.351	-1.351	0	%100
67	M69	X	.726	.726	0	%100
68	M69	Z	-.419	-.419	0	%100
69	M70	X	2.303	2.303	0	%100
70	M70	Z	-1.33	-1.33	0	%100
71	M71	X	.632	.632	0	%100
72	M71	Z	-.365	-.365	0	%100
73	M72	X	.632	.632	0	%100
74	M72	Z	-.365	-.365	0	%100
75	M73A	X	.937	.937	0	%100
76	M73A	Z	-.541	-.541	0	%100
77	M76A	X	.614	.614	0	%100
78	M76A	Z	-.355	-.355	0	%100
79	M77B	X	2.655	2.655	0	%100
80	M77B	Z	-1.533	-1.533	0	%100
81	M82B	X	2.772	2.772	0	%100
82	M82B	Z	-1.601	-1.601	0	%100
83	M83B	X	3.733	3.733	0	%100
84	M83B	Z	-2.155	-2.155	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,%]
85	M85A	X	3.845	3.845	0	%100
86	M85A	Z	-2.22	-2.22	0	%100
87	M87	X	2.772	2.772	0	%100
88	M87	Z	-1.601	-1.601	0	%100
89	M88A	X	.933	.933	0	%100
90	M88A	Z	-.539	-.539	0	%100
91	M90	X	.961	.961	0	%100
92	M90	Z	-.555	-.555	0	%100
93	MP4B	X	2.339	2.339	0	%100
94	MP4B	Z	-1.351	-1.351	0	%100
95	MP1B	X	2.339	2.339	0	%100
96	MP1B	Z	-1.351	-1.351	0	%100
97	M102	X	.726	.726	0	%100
98	M102	Z	-.419	-.419	0	%100
99	M107	X	2.903	2.903	0	%100
100	M107	Z	-1.676	-1.676	0	%100
101	M111	X	.726	.726	0	%100
102	M111	Z	-.419	-.419	0	%100
103	MP3C	X	2.339	2.339	0	%100
104	MP3C	Z	-1.351	-1.351	0	%100
105	MP2C	X	2.339	2.339	0	%100
106	MP2C	Z	-1.351	-1.351	0	%100
107	MP3B	X	2.339	2.339	0	%100
108	MP3B	Z	-1.351	-1.351	0	%100
109	MP2B	X	2.339	2.339	0	%100
110	MP2B	Z	-1.351	-1.351	0	%100
111	M123	X	2.853	2.853	0	%100
112	M123	Z	-1.647	-1.647	0	%100
113	M124	X	.713	.713	0	%100
114	M124	Z	-.412	-.412	0	%100
115	M125	X	.713	.713	0	%100
116	M125	Z	-.412	-.412	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M72A	X	3.546	3.546	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	0	0	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	0	0	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	0	0	0	%100
11	M78	X	2.241	2.241	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	2.242	2.242	0	%100
14	M79	Z	0	0	0	%100
15	M84	X	4.268	4.268	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	3.233	3.233	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	3.33	3.33	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	4.268	4.268	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,%]
22	M89A	Z	0	0	0	%100
23	M90A	X	3.233	3.233	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	3.33	3.33	0	%100
26	M92	Z	0	0	0	%100
27	MP4A	X	2.701	2.701	0	%100
28	MP4A	Z	0	0	0	%100
29	MP3A	X	2.701	2.701	0	%100
30	MP3A	Z	0	0	0	%100
31	MP2A	X	2.701	2.701	0	%100
32	MP2A	Z	0	0	0	%100
33	MP1A	X	2.701	2.701	0	%100
34	MP1A	Z	0	0	0	%100
35	OVP	X	2.222	2.222	0	%100
36	OVP	Z	0	0	0	%100
37	M36	X	2.514	2.514	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	.887	.887	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	2.189	2.189	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	2.189	2.189	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	3.244	3.244	0	%100
46	M40	Z	0	0	0	%100
47	M43	X	2.357	2.357	0	%100
48	M43	Z	0	0	0	%100
49	M44	X	.001	.001	0	%100
50	M44	Z	0	0	0	%100
51	M49	X	1.067	1.067	0	%100
52	M49	Z	0	0	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	0	0	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	0	0	0	%100
57	M54	X	1.067	1.067	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	3.233	3.233	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	3.33	3.33	0	%100
62	M57	Z	0	0	0	%100
63	MP4C	X	2.701	2.701	0	%100
64	MP4C	Z	0	0	0	%100
65	MP1C	X	2.701	2.701	0	%100
66	MP1C	Z	0	0	0	%100
67	M69	X	2.514	2.514	0	%100
68	M69	Z	0	0	0	%100
69	M70	X	.887	.887	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	2.189	2.189	0	%100
72	M71	Z	0	0	0	%100
73	M72	X	2.189	2.189	0	%100
74	M72	Z	0	0	0	%100
75	M73A	X	3.244	3.244	0	%100
76	M73A	Z	0	0	0	%100
77	M76A	X	.001	.001	0	%100
78	M76A	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,%]
79	M77B	X	2.358	2.358	0	%100
80	M77B	Z	0	0	0	%100
81	M82B	X	1.067	1.067	0	%100
82	M82B	Z	0	0	0	%100
83	M83B	X	3.233	3.233	0	%100
84	M83B	Z	0	0	0	%100
85	M85A	X	3.33	3.33	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	1.067	1.067	0	%100
88	M87	Z	0	0	0	%100
89	M88A	X	0	0	0	%100
90	M88A	Z	0	0	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	0	0	0	%100
93	MP4B	X	2.701	2.701	0	%100
94	MP4B	Z	0	0	0	%100
95	MP1B	X	2.701	2.701	0	%100
96	MP1B	Z	0	0	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	0	0	0	%100
99	M107	X	2.514	2.514	0	%100
100	M107	Z	0	0	0	%100
101	M111	X	2.514	2.514	0	%100
102	M111	Z	0	0	0	%100
103	MP3C	X	2.701	2.701	0	%100
104	MP3C	Z	0	0	0	%100
105	MP2C	X	2.701	2.701	0	%100
106	MP2C	Z	0	0	0	%100
107	MP3B	X	2.701	2.701	0	%100
108	MP3B	Z	0	0	0	%100
109	MP2B	X	2.701	2.701	0	%100
110	MP2B	Z	0	0	0	%100
111	M123	X	2.471	2.471	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	2.471	2.471	0	%100
116	M125	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	M20	X	.726	.726	0	%100
2	M20	Z	.419	.419	0	%100
3	M72A	X	2.303	2.303	0	%100
4	M72A	Z	1.33	1.33	0	%100
5	M73	X	.632	.632	0	%100
6	M73	Z	.365	.365	0	%100
7	M74	X	.632	.632	0	%100
8	M74	Z	.365	.365	0	%100
9	M75	X	.937	.937	0	%100
10	M75	Z	.541	.541	0	%100
11	M78	X	.614	.614	0	%100
12	M78	Z	.355	.355	0	%100
13	M79	X	2.655	2.655	0	%100
14	M79	Z	1.533	1.533	0	%100
15	M84	X	2.772	2.772	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,%]
16	M84	Z	1.601	1.601	0	%100
17	M85	X	3.733	3.733	0	%100
18	M85	Z	2.155	2.155	0	%100
19	M87A	X	3.845	3.845	0	%100
20	M87A	Z	2.22	2.22	0	%100
21	M89A	X	2.772	2.772	0	%100
22	M89A	Z	1.601	1.601	0	%100
23	M90A	X	.933	.933	0	%100
24	M90A	Z	.539	.539	0	%100
25	M92	X	.961	.961	0	%100
26	M92	Z	.555	.555	0	%100
27	MP4A	X	2.339	2.339	0	%100
28	MP4A	Z	1.351	1.351	0	%100
29	MP3A	X	2.339	2.339	0	%100
30	MP3A	Z	1.351	1.351	0	%100
31	MP2A	X	2.339	2.339	0	%100
32	MP2A	Z	1.351	1.351	0	%100
33	MP1A	X	2.339	2.339	0	%100
34	MP1A	Z	1.351	1.351	0	%100
35	OVP	X	1.925	1.925	0	%100
36	OVP	Z	1.111	1.111	0	%100
37	M36	X	.726	.726	0	%100
38	M36	Z	.419	.419	0	%100
39	M37	X	2.303	2.303	0	%100
40	M37	Z	1.33	1.33	0	%100
41	M38	X	.632	.632	0	%100
42	M38	Z	.365	.365	0	%100
43	M39	X	.632	.632	0	%100
44	M39	Z	.365	.365	0	%100
45	M40	X	.937	.937	0	%100
46	M40	Z	.541	.541	0	%100
47	M43	X	2.655	2.655	0	%100
48	M43	Z	1.533	1.533	0	%100
49	M44	X	.615	.615	0	%100
50	M44	Z	.355	.355	0	%100
51	M49	X	2.772	2.772	0	%100
52	M49	Z	1.601	1.601	0	%100
53	M50	X	.933	.933	0	%100
54	M50	Z	.539	.539	0	%100
55	M52	X	.961	.961	0	%100
56	M52	Z	.555	.555	0	%100
57	M54	X	2.772	2.772	0	%100
58	M54	Z	1.601	1.601	0	%100
59	M55	X	3.733	3.733	0	%100
60	M55	Z	2.155	2.155	0	%100
61	M57	X	3.845	3.845	0	%100
62	M57	Z	2.22	2.22	0	%100
63	MP4C	X	2.339	2.339	0	%100
64	MP4C	Z	1.351	1.351	0	%100
65	MP1C	X	2.339	2.339	0	%100
66	MP1C	Z	1.351	1.351	0	%100
67	M69	X	2.903	2.903	0	%100
68	M69	Z	1.676	1.676	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	2.527	2.527	0	%100
72	M71	Z	1.459	1.459	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,%]
73	M72	X	2.527	2.527	0	%100
74	M72	Z	1.459	1.459	0	%100
75	M73A	X	3.746	3.746	0	%100
76	M73A	Z	2.163	2.163	0	%100
77	M76A	X	.715	.715	0	%100
78	M76A	Z	.413	.413	0	%100
79	M77B	X	.715	.715	0	%100
80	M77B	Z	.413	.413	0	%100
81	M82B	X	0	0	0	%100
82	M82B	Z	0	0	0	%100
83	M83B	X	.933	.933	0	%100
84	M83B	Z	.539	.539	0	%100
85	M85A	X	.961	.961	0	%100
86	M85A	Z	.555	.555	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	0	0	0	%100
89	M88A	X	.933	.933	0	%100
90	M88A	Z	.539	.539	0	%100
91	M90	X	.961	.961	0	%100
92	M90	Z	.555	.555	0	%100
93	MP4B	X	2.339	2.339	0	%100
94	MP4B	Z	1.351	1.351	0	%100
95	MP1B	X	2.339	2.339	0	%100
96	MP1B	Z	1.351	1.351	0	%100
97	M102	X	.726	.726	0	%100
98	M102	Z	.419	.419	0	%100
99	M107	X	.726	.726	0	%100
100	M107	Z	.419	.419	0	%100
101	M111	X	2.903	2.903	0	%100
102	M111	Z	1.676	1.676	0	%100
103	MP3C	X	2.339	2.339	0	%100
104	MP3C	Z	1.351	1.351	0	%100
105	MP2C	X	2.339	2.339	0	%100
106	MP2C	Z	1.351	1.351	0	%100
107	MP3B	X	2.339	2.339	0	%100
108	MP3B	Z	1.351	1.351	0	%100
109	MP2B	X	2.339	2.339	0	%100
110	MP2B	Z	1.351	1.351	0	%100
111	M123	X	.713	.713	0	%100
112	M123	Z	.412	.412	0	%100
113	M124	X	.713	.713	0	%100
114	M124	Z	.412	.412	0	%100
115	M125	X	2.853	2.853	0	%100
116	M125	Z	1.647	1.647	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	M20	X	1.257	1.257	0	%100
2	M20	Z	2.177	2.177	0	%100
3	M72A	X	.443	.443	0	%100
4	M72A	Z	.768	.768	0	%100
5	M73	X	1.094	1.094	0	%100
6	M73	Z	1.895	1.895	0	%100
7	M74	X	1.094	1.094	0	%100
8	M74	Z	1.895	1.895	0	%100
9	M75	X	1.622	1.622	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,%]
10	M75	Z	2.81	2.81	0	%100
11	M78	X	.000729	.000729	0	%100
12	M78	Z	.001	.001	0	%100
13	M79	X	1.179	1.179	0	%100
14	M79	Z	2.042	2.042	0	%100
15	M84	X	.534	.534	0	%100
16	M84	Z	.924	.924	0	%100
17	M85	X	1.617	1.617	0	%100
18	M85	Z	2.8	2.8	0	%100
19	M87A	X	1.665	1.665	0	%100
20	M87A	Z	2.884	2.884	0	%100
21	M89A	X	.534	.534	0	%100
22	M89A	Z	.924	.924	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	0	0	0	%100
27	MP4A	X	1.351	1.351	0	%100
28	MP4A	Z	2.339	2.339	0	%100
29	MP3A	X	1.351	1.351	0	%100
30	MP3A	Z	2.339	2.339	0	%100
31	MP2A	X	1.351	1.351	0	%100
32	MP2A	Z	2.339	2.339	0	%100
33	MP1A	X	1.351	1.351	0	%100
34	MP1A	Z	2.339	2.339	0	%100
35	OVP	X	1.111	1.111	0	%100
36	OVP	Z	1.925	1.925	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	1.773	1.773	0	%100
40	M37	Z	3.071	3.071	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M43	X	1.121	1.121	0	%100
48	M43	Z	1.941	1.941	0	%100
49	M44	X	1.121	1.121	0	%100
50	M44	Z	1.941	1.941	0	%100
51	M49	X	2.134	2.134	0	%100
52	M49	Z	3.696	3.696	0	%100
53	M50	X	1.617	1.617	0	%100
54	M50	Z	2.8	2.8	0	%100
55	M52	X	1.665	1.665	0	%100
56	M52	Z	2.884	2.884	0	%100
57	M54	X	2.134	2.134	0	%100
58	M54	Z	3.696	3.696	0	%100
59	M55	X	1.617	1.617	0	%100
60	M55	Z	2.8	2.8	0	%100
61	M57	X	1.665	1.665	0	%100
62	M57	Z	2.884	2.884	0	%100
63	MP4C	X	1.351	1.351	0	%100
64	MP4C	Z	2.339	2.339	0	%100
65	MP1C	X	1.351	1.351	0	%100
66	MP1C	Z	2.339	2.339	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,%]
67	M69	X	1.257	1.257	0	%100
68	M69	Z	2.177	2.177	0	%100
69	M70	X	.443	.443	0	%100
70	M70	Z	.768	.768	0	%100
71	M71	X	1.094	1.094	0	%100
72	M71	Z	1.895	1.895	0	%100
73	M72	X	1.094	1.094	0	%100
74	M72	Z	1.895	1.895	0	%100
75	M73A	X	1.622	1.622	0	%100
76	M73A	Z	2.81	2.81	0	%100
77	M76A	X	1.179	1.179	0	%100
78	M76A	Z	2.041	2.041	0	%100
79	M77B	X	.000729	.000729	0	%100
80	M77B	Z	.001	.001	0	%100
81	M82B	X	.534	.534	0	%100
82	M82B	Z	.924	.924	0	%100
83	M83B	X	0	0	0	%100
84	M83B	Z	0	0	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	.534	.534	0	%100
88	M87	Z	.924	.924	0	%100
89	M88A	X	1.617	1.617	0	%100
90	M88A	Z	2.8	2.8	0	%100
91	M90	X	1.665	1.665	0	%100
92	M90	Z	2.884	2.884	0	%100
93	MP4B	X	1.351	1.351	0	%100
94	MP4B	Z	2.339	2.339	0	%100
95	MP1B	X	1.351	1.351	0	%100
96	MP1B	Z	2.339	2.339	0	%100
97	M102	X	1.257	1.257	0	%100
98	M102	Z	2.177	2.177	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	0	0	0	%100
101	M111	X	1.257	1.257	0	%100
102	M111	Z	2.177	2.177	0	%100
103	MP3C	X	1.351	1.351	0	%100
104	MP3C	Z	2.339	2.339	0	%100
105	MP2C	X	1.351	1.351	0	%100
106	MP2C	Z	2.339	2.339	0	%100
107	MP3B	X	1.351	1.351	0	%100
108	MP3B	Z	2.339	2.339	0	%100
109	MP2B	X	1.351	1.351	0	%100
110	MP2B	Z	2.339	2.339	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	1.235	1.235	0	%100
114	M124	Z	2.14	2.14	0	%100
115	M125	X	1.235	1.235	0	%100
116	M125	Z	2.14	2.14	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	M20	X	0	0	0	%100
2	M20	Z	3.352	3.352	0	%100
3	M72A	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,%]
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	2.918	2.918	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	2.918	2.918	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	4.326	4.326	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	.825	.825	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	.825	.825	0	%100
15	M84	X	0	0	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	1.078	1.078	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	1.11	1.11	0	%100
21	M89A	X	0	0	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	1.078	1.078	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	1.11	1.11	0	%100
27	MP4A	X	0	0	0	%100
28	MP4A	Z	2.701	2.701	0	%100
29	MP3A	X	0	0	0	%100
30	MP3A	Z	2.701	2.701	0	%100
31	MP2A	X	0	0	0	%100
32	MP2A	Z	2.701	2.701	0	%100
33	MP1A	X	0	0	0	%100
34	MP1A	Z	2.701	2.701	0	%100
35	OVP	X	0	0	0	%100
36	OVP	Z	2.222	2.222	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	.838	.838	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	2.66	2.66	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	.73	.73	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	.73	.73	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	1.081	1.081	0	%100
47	M43	X	0	0	0	%100
48	M43	Z	.71	.71	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	3.066	3.066	0	%100
51	M49	X	0	0	0	%100
52	M49	Z	3.201	3.201	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	4.311	4.311	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	4.44	4.44	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	3.201	3.201	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	1.078	1.078	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,%]
61	M57	X	0	0	0	%100
62	M57	Z	1.11	1.11	0	%100
63	MP4C	X	0	0	0	%100
64	MP4C	Z	2.701	2.701	0	%100
65	MP1C	X	0	0	0	%100
66	MP1C	Z	2.701	2.701	0	%100
67	M69	X	0	0	0	%100
68	M69	Z	.838	.838	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	2.66	2.66	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	.73	.73	0	%100
73	M72	X	0	0	0	%100
74	M72	Z	.73	.73	0	%100
75	M73A	X	0	0	0	%100
76	M73A	Z	1.081	1.081	0	%100
77	M76A	X	0	0	0	%100
78	M76A	Z	3.065	3.065	0	%100
79	M77B	X	0	0	0	%100
80	M77B	Z	.71	.71	0	%100
81	M82B	X	0	0	0	%100
82	M82B	Z	3.201	3.201	0	%100
83	M83B	X	0	0	0	%100
84	M83B	Z	1.078	1.078	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	1.11	1.11	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	3.201	3.201	0	%100
89	M88A	X	0	0	0	%100
90	M88A	Z	4.311	4.311	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	4.44	4.44	0	%100
93	MP4B	X	0	0	0	%100
94	MP4B	Z	2.701	2.701	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	2.701	2.701	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	3.352	3.352	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	.838	.838	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	.838	.838	0	%100
103	MP3C	X	0	0	0	%100
104	MP3C	Z	2.701	2.701	0	%100
105	MP2C	X	0	0	0	%100
106	MP2C	Z	2.701	2.701	0	%100
107	MP3B	X	0	0	0	%100
108	MP3B	Z	2.701	2.701	0	%100
109	MP2B	X	0	0	0	%100
110	MP2B	Z	2.701	2.701	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	.824	.824	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	3.294	3.294	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	.824	.824	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	M20	X	-1.257	-1.257	0	%100
2	M20	Z	2.177	2.177	0	%100
3	M72A	X	-.443	-.443	0	%100
4	M72A	Z	.768	.768	0	%100
5	M73	X	-1.094	-1.094	0	%100
6	M73	Z	1.895	1.895	0	%100
7	M74	X	-1.094	-1.094	0	%100
8	M74	Z	1.895	1.895	0	%100
9	M75	X	-1.622	-1.622	0	%100
10	M75	Z	2.81	2.81	0	%100
11	M78	X	-1.179	-1.179	0	%100
12	M78	Z	2.041	2.041	0	%100
13	M79	X	-.000729	-.000729	0	%100
14	M79	Z	.001	.001	0	%100
15	M84	X	-.534	-.534	0	%100
16	M84	Z	.924	.924	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	-.534	-.534	0	%100
22	M89A	Z	.924	.924	0	%100
23	M90A	X	-1.617	-1.617	0	%100
24	M90A	Z	2.8	2.8	0	%100
25	M92	X	-1.665	-1.665	0	%100
26	M92	Z	2.884	2.884	0	%100
27	MP4A	X	-1.351	-1.351	0	%100
28	MP4A	Z	2.339	2.339	0	%100
29	MP3A	X	-1.351	-1.351	0	%100
30	MP3A	Z	2.339	2.339	0	%100
31	MP2A	X	-1.351	-1.351	0	%100
32	MP2A	Z	2.339	2.339	0	%100
33	MP1A	X	-1.351	-1.351	0	%100
34	MP1A	Z	2.339	2.339	0	%100
35	OVP	X	-1.111	-1.111	0	%100
36	OVP	Z	1.925	1.925	0	%100
37	M36	X	-1.257	-1.257	0	%100
38	M36	Z	2.177	2.177	0	%100
39	M37	X	-.443	-.443	0	%100
40	M37	Z	.768	.768	0	%100
41	M38	X	-1.094	-1.094	0	%100
42	M38	Z	1.895	1.895	0	%100
43	M39	X	-1.094	-1.094	0	%100
44	M39	Z	1.895	1.895	0	%100
45	M40	X	-1.622	-1.622	0	%100
46	M40	Z	2.81	2.81	0	%100
47	M43	X	-.000729	-.000729	0	%100
48	M43	Z	.001	.001	0	%100
49	M44	X	-1.179	-1.179	0	%100
50	M44	Z	2.042	2.042	0	%100
51	M49	X	-.534	-.534	0	%100
52	M49	Z	.924	.924	0	%100
53	M50	X	-1.617	-1.617	0	%100
54	M50	Z	2.8	2.8	0	%100
55	M52	X	-1.665	-1.665	0	%100
56	M52	Z	2.884	2.884	0	%100
57	M54	X	-.534	-.534	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,%]
58	M54	Z	.924	.924	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	MP4C	X	-1.351	-1.351	0	%100
64	MP4C	Z	2.339	2.339	0	%100
65	MP1C	X	-1.351	-1.351	0	%100
66	MP1C	Z	2.339	2.339	0	%100
67	M69	X	0	0	0	%100
68	M69	Z	0	0	0	%100
69	M70	X	-1.773	-1.773	0	%100
70	M70	Z	3.071	3.071	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	0	0	0	%100
73	M72	X	0	0	0	%100
74	M72	Z	0	0	0	%100
75	M73A	X	0	0	0	%100
76	M73A	Z	0	0	0	%100
77	M76A	X	-1.121	-1.121	0	%100
78	M76A	Z	1.941	1.941	0	%100
79	M77B	X	-1.121	-1.121	0	%100
80	M77B	Z	1.941	1.941	0	%100
81	M82B	X	-2.134	-2.134	0	%100
82	M82B	Z	3.696	3.696	0	%100
83	M83B	X	-1.617	-1.617	0	%100
84	M83B	Z	2.8	2.8	0	%100
85	M85A	X	-1.665	-1.665	0	%100
86	M85A	Z	2.884	2.884	0	%100
87	M87	X	-2.134	-2.134	0	%100
88	M87	Z	3.696	3.696	0	%100
89	M88A	X	-1.617	-1.617	0	%100
90	M88A	Z	2.8	2.8	0	%100
91	M90	X	-1.665	-1.665	0	%100
92	M90	Z	2.884	2.884	0	%100
93	MP4B	X	-1.351	-1.351	0	%100
94	MP4B	Z	2.339	2.339	0	%100
95	MP1B	X	-1.351	-1.351	0	%100
96	MP1B	Z	2.339	2.339	0	%100
97	M102	X	-1.257	-1.257	0	%100
98	M102	Z	2.177	2.177	0	%100
99	M107	X	-1.257	-1.257	0	%100
100	M107	Z	2.177	2.177	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	0	0	0	%100
103	MP3C	X	-1.351	-1.351	0	%100
104	MP3C	Z	2.339	2.339	0	%100
105	MP2C	X	-1.351	-1.351	0	%100
106	MP2C	Z	2.339	2.339	0	%100
107	MP3B	X	-1.351	-1.351	0	%100
108	MP3B	Z	2.339	2.339	0	%100
109	MP2B	X	-1.351	-1.351	0	%100
110	MP2B	Z	2.339	2.339	0	%100
111	M123	X	-1.235	-1.235	0	%100
112	M123	Z	2.14	2.14	0	%100
113	M124	X	-1.235	-1.235	0	%100
114	M124	Z	2.14	2.14	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,%]
115	M125	X	0	0	0	%100
116	M125	Z	0	0	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	M20	X	-.726	-.726	0	%100
2	M20	Z	.419	.419	0	%100
3	M72A	X	-2.303	-2.303	0	%100
4	M72A	Z	1.33	1.33	0	%100
5	M73	X	-.632	-.632	0	%100
6	M73	Z	.365	.365	0	%100
7	M74	X	-.632	-.632	0	%100
8	M74	Z	.365	.365	0	%100
9	M75	X	-.937	-.937	0	%100
10	M75	Z	.541	.541	0	%100
11	M78	X	-2.655	-2.655	0	%100
12	M78	Z	1.533	1.533	0	%100
13	M79	X	-.615	-.615	0	%100
14	M79	Z	.355	.355	0	%100
15	M84	X	-2.772	-2.772	0	%100
16	M84	Z	1.601	1.601	0	%100
17	M85	X	-.933	-.933	0	%100
18	M85	Z	.539	.539	0	%100
19	M87A	X	-.961	-.961	0	%100
20	M87A	Z	.555	.555	0	%100
21	M89A	X	-2.772	-2.772	0	%100
22	M89A	Z	1.601	1.601	0	%100
23	M90A	X	-3.733	-3.733	0	%100
24	M90A	Z	2.155	2.155	0	%100
25	M92	X	-3.845	-3.845	0	%100
26	M92	Z	2.22	2.22	0	%100
27	MP4A	X	-2.339	-2.339	0	%100
28	MP4A	Z	1.351	1.351	0	%100
29	MP3A	X	-2.339	-2.339	0	%100
30	MP3A	Z	1.351	1.351	0	%100
31	MP2A	X	-2.339	-2.339	0	%100
32	MP2A	Z	1.351	1.351	0	%100
33	MP1A	X	-2.339	-2.339	0	%100
34	MP1A	Z	1.351	1.351	0	%100
35	OVP	X	-1.925	-1.925	0	%100
36	OVP	Z	1.111	1.111	0	%100
37	M36	X	-2.903	-2.903	0	%100
38	M36	Z	1.676	1.676	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	-2.527	-2.527	0	%100
42	M38	Z	1.459	1.459	0	%100
43	M39	X	-2.527	-2.527	0	%100
44	M39	Z	1.459	1.459	0	%100
45	M40	X	-3.746	-3.746	0	%100
46	M40	Z	2.163	2.163	0	%100
47	M43	X	-.715	-.715	0	%100
48	M43	Z	.413	.413	0	%100
49	M44	X	-.715	-.715	0	%100
50	M44	Z	.413	.413	0	%100
51	M49	X	0	0	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	M49	Z	0	0	0	%100
53	M50	X	-.933	-.933	0	%100
54	M50	Z	.539	.539	0	%100
55	M52	X	-.961	-.961	0	%100
56	M52	Z	.555	.555	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-.933	-.933	0	%100
60	M55	Z	.539	.539	0	%100
61	M57	X	-.961	-.961	0	%100
62	M57	Z	.555	.555	0	%100
63	MP4C	X	-2.339	-2.339	0	%100
64	MP4C	Z	1.351	1.351	0	%100
65	MP1C	X	-2.339	-2.339	0	%100
66	MP1C	Z	1.351	1.351	0	%100
67	M69	X	-.726	-.726	0	%100
68	M69	Z	.419	.419	0	%100
69	M70	X	-2.303	-2.303	0	%100
70	M70	Z	1.33	1.33	0	%100
71	M71	X	-.632	-.632	0	%100
72	M71	Z	.365	.365	0	%100
73	M72	X	-.632	-.632	0	%100
74	M72	Z	.365	.365	0	%100
75	M73A	X	-.937	-.937	0	%100
76	M73A	Z	.541	.541	0	%100
77	M76A	X	-.614	-.614	0	%100
78	M76A	Z	.355	.355	0	%100
79	M77B	X	-2.655	-2.655	0	%100
80	M77B	Z	1.533	1.533	0	%100
81	M82B	X	-2.772	-2.772	0	%100
82	M82B	Z	1.601	1.601	0	%100
83	M83B	X	-3.733	-3.733	0	%100
84	M83B	Z	2.155	2.155	0	%100
85	M85A	X	-3.845	-3.845	0	%100
86	M85A	Z	2.22	2.22	0	%100
87	M87	X	-2.772	-2.772	0	%100
88	M87	Z	1.601	1.601	0	%100
89	M88A	X	-.933	-.933	0	%100
90	M88A	Z	.539	.539	0	%100
91	M90	X	-.961	-.961	0	%100
92	M90	Z	.555	.555	0	%100
93	MP4B	X	-2.339	-2.339	0	%100
94	MP4B	Z	1.351	1.351	0	%100
95	MP1B	X	-2.339	-2.339	0	%100
96	MP1B	Z	1.351	1.351	0	%100
97	M102	X	-.726	-.726	0	%100
98	M102	Z	.419	.419	0	%100
99	M107	X	-2.903	-2.903	0	%100
100	M107	Z	1.676	1.676	0	%100
101	M111	X	-.726	-.726	0	%100
102	M111	Z	.419	.419	0	%100
103	MP3C	X	-2.339	-2.339	0	%100
104	MP3C	Z	1.351	1.351	0	%100
105	MP2C	X	-2.339	-2.339	0	%100
106	MP2C	Z	1.351	1.351	0	%100
107	MP3B	X	-2.339	-2.339	0	%100
108	MP3B	Z	1.351	1.351	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	MP2B	X	-2.339	-2.339	0	%100
110	MP2B	Z	1.351	1.351	0	%100
111	M123	X	-2.853	-2.853	0	%100
112	M123	Z	1.647	1.647	0	%100
113	M124	X	-.713	-.713	0	%100
114	M124	Z	.412	.412	0	%100
115	M125	X	-.713	-.713	0	%100
116	M125	Z	.412	.412	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M72A	X	-3.546	-3.546	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	0	0	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	0	0	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	0	0	0	%100
11	M78	X	-2.241	-2.241	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	-2.242	-2.242	0	%100
14	M79	Z	0	0	0	%100
15	M84	X	-4.268	-4.268	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	-3.233	-3.233	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	-3.33	-3.33	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	-4.268	-4.268	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	-3.233	-3.233	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	-3.33	-3.33	0	%100
26	M92	Z	0	0	0	%100
27	MP4A	X	-2.701	-2.701	0	%100
28	MP4A	Z	0	0	0	%100
29	MP3A	X	-2.701	-2.701	0	%100
30	MP3A	Z	0	0	0	%100
31	MP2A	X	-2.701	-2.701	0	%100
32	MP2A	Z	0	0	0	%100
33	MP1A	X	-2.701	-2.701	0	%100
34	MP1A	Z	0	0	0	%100
35	OVP	X	-2.222	-2.222	0	%100
36	OVP	Z	0	0	0	%100
37	M36	X	-2.514	-2.514	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	-.887	-.887	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	-2.189	-2.189	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	-2.189	-2.189	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	-3.244	-3.244	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,%]
46	M40	Z	0	0	0	%100
47	M43	X	-2.357	-2.357	0	%100
48	M43	Z	0	0	0	%100
49	M44	X	-.001	-.001	0	%100
50	M44	Z	0	0	0	%100
51	M49	X	-1.067	-1.067	0	%100
52	M49	Z	0	0	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	0	0	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	0	0	0	%100
57	M54	X	-1.067	-1.067	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-3.233	-3.233	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	-3.33	-3.33	0	%100
62	M57	Z	0	0	0	%100
63	MP4C	X	-2.701	-2.701	0	%100
64	MP4C	Z	0	0	0	%100
65	MP1C	X	-2.701	-2.701	0	%100
66	MP1C	Z	0	0	0	%100
67	M69	X	-2.514	-2.514	0	%100
68	M69	Z	0	0	0	%100
69	M70	X	-.887	-.887	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	-2.189	-2.189	0	%100
72	M71	Z	0	0	0	%100
73	M72	X	-2.189	-2.189	0	%100
74	M72	Z	0	0	0	%100
75	M73A	X	-3.244	-3.244	0	%100
76	M73A	Z	0	0	0	%100
77	M76A	X	-.001	-.001	0	%100
78	M76A	Z	0	0	0	%100
79	M77B	X	-2.358	-2.358	0	%100
80	M77B	Z	0	0	0	%100
81	M82B	X	-1.067	-1.067	0	%100
82	M82B	Z	0	0	0	%100
83	M83B	X	-3.233	-3.233	0	%100
84	M83B	Z	0	0	0	%100
85	M85A	X	-3.33	-3.33	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	-1.067	-1.067	0	%100
88	M87	Z	0	0	0	%100
89	M88A	X	0	0	0	%100
90	M88A	Z	0	0	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	0	0	0	%100
93	MP4B	X	-2.701	-2.701	0	%100
94	MP4B	Z	0	0	0	%100
95	MP1B	X	-2.701	-2.701	0	%100
96	MP1B	Z	0	0	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	0	0	0	%100
99	M107	X	-2.514	-2.514	0	%100
100	M107	Z	0	0	0	%100
101	M111	X	-2.514	-2.514	0	%100
102	M111	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,%]
103	MP3C	X	-2.701	-2.701	0	%100
104	MP3C	Z	0	0	0	%100
105	MP2C	X	-2.701	-2.701	0	%100
106	MP2C	Z	0	0	0	%100
107	MP3B	X	-2.701	-2.701	0	%100
108	MP3B	Z	0	0	0	%100
109	MP2B	X	-2.701	-2.701	0	%100
110	MP2B	Z	0	0	0	%100
111	M123	X	-2.471	-2.471	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	-2.471	-2.471	0	%100
116	M125	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	M20	X	-.726	-.726	0	%100
2	M20	Z	-.419	-.419	0	%100
3	M72A	X	-2.303	-2.303	0	%100
4	M72A	Z	-1.33	-1.33	0	%100
5	M73	X	-.632	-.632	0	%100
6	M73	Z	-.365	-.365	0	%100
7	M74	X	-.632	-.632	0	%100
8	M74	Z	-.365	-.365	0	%100
9	M75	X	-.937	-.937	0	%100
10	M75	Z	-.541	-.541	0	%100
11	M78	X	-.614	-.614	0	%100
12	M78	Z	-.355	-.355	0	%100
13	M79	X	-2.655	-2.655	0	%100
14	M79	Z	-1.533	-1.533	0	%100
15	M84	X	-2.772	-2.772	0	%100
16	M84	Z	-1.601	-1.601	0	%100
17	M85	X	-3.733	-3.733	0	%100
18	M85	Z	-2.155	-2.155	0	%100
19	M87A	X	-3.845	-3.845	0	%100
20	M87A	Z	-2.22	-2.22	0	%100
21	M89A	X	-2.772	-2.772	0	%100
22	M89A	Z	-1.601	-1.601	0	%100
23	M90A	X	-.933	-.933	0	%100
24	M90A	Z	-.539	-.539	0	%100
25	M92	X	-.961	-.961	0	%100
26	M92	Z	-.555	-.555	0	%100
27	MP4A	X	-2.339	-2.339	0	%100
28	MP4A	Z	-1.351	-1.351	0	%100
29	MP3A	X	-2.339	-2.339	0	%100
30	MP3A	Z	-1.351	-1.351	0	%100
31	MP2A	X	-2.339	-2.339	0	%100
32	MP2A	Z	-1.351	-1.351	0	%100
33	MP1A	X	-2.339	-2.339	0	%100
34	MP1A	Z	-1.351	-1.351	0	%100
35	OVP	X	-1.925	-1.925	0	%100
36	OVP	Z	-1.111	-1.111	0	%100
37	M36	X	-.726	-.726	0	%100
38	M36	Z	-.419	-.419	0	%100
39	M37	X	-2.303	-2.303	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,%]
40	M37	Z	-1.33	-1.33	0	%100
41	M38	X	-.632	-.632	0	%100
42	M38	Z	-.365	-.365	0	%100
43	M39	X	-.632	-.632	0	%100
44	M39	Z	-.365	-.365	0	%100
45	M40	X	-.937	-.937	0	%100
46	M40	Z	-.541	-.541	0	%100
47	M43	X	-2.655	-2.655	0	%100
48	M43	Z	-1.533	-1.533	0	%100
49	M44	X	-.615	-.615	0	%100
50	M44	Z	-.355	-.355	0	%100
51	M49	X	-2.772	-2.772	0	%100
52	M49	Z	-1.601	-1.601	0	%100
53	M50	X	-.933	-.933	0	%100
54	M50	Z	-.539	-.539	0	%100
55	M52	X	-.961	-.961	0	%100
56	M52	Z	-.555	-.555	0	%100
57	M54	X	-2.772	-2.772	0	%100
58	M54	Z	-1.601	-1.601	0	%100
59	M55	X	-3.733	-3.733	0	%100
60	M55	Z	-2.155	-2.155	0	%100
61	M57	X	-3.845	-3.845	0	%100
62	M57	Z	-2.22	-2.22	0	%100
63	MP4C	X	-2.339	-2.339	0	%100
64	MP4C	Z	-1.351	-1.351	0	%100
65	MP1C	X	-2.339	-2.339	0	%100
66	MP1C	Z	-1.351	-1.351	0	%100
67	M69	X	-2.903	-2.903	0	%100
68	M69	Z	-1.676	-1.676	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	-2.527	-2.527	0	%100
72	M71	Z	-1.459	-1.459	0	%100
73	M72	X	-2.527	-2.527	0	%100
74	M72	Z	-1.459	-1.459	0	%100
75	M73A	X	-3.746	-3.746	0	%100
76	M73A	Z	-2.163	-2.163	0	%100
77	M76A	X	-.715	-.715	0	%100
78	M76A	Z	-.413	-.413	0	%100
79	M77B	X	-.715	-.715	0	%100
80	M77B	Z	-.413	-.413	0	%100
81	M82B	X	0	0	0	%100
82	M82B	Z	0	0	0	%100
83	M83B	X	-.933	-.933	0	%100
84	M83B	Z	-.539	-.539	0	%100
85	M85A	X	-.961	-.961	0	%100
86	M85A	Z	-.555	-.555	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	0	0	0	%100
89	M88A	X	-.933	-.933	0	%100
90	M88A	Z	-.539	-.539	0	%100
91	M90	X	-.961	-.961	0	%100
92	M90	Z	-.555	-.555	0	%100
93	MP4B	X	-2.339	-2.339	0	%100
94	MP4B	Z	-1.351	-1.351	0	%100
95	MP1B	X	-2.339	-2.339	0	%100
96	MP1B	Z	-1.351	-1.351	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,%]
97	M102	X	-.726	-.726	0	%100
98	M102	Z	-.419	-.419	0	%100
99	M107	X	-.726	-.726	0	%100
100	M107	Z	-.419	-.419	0	%100
101	M111	X	-2.903	-2.903	0	%100
102	M111	Z	-1.676	-1.676	0	%100
103	MP3C	X	-2.339	-2.339	0	%100
104	MP3C	Z	-1.351	-1.351	0	%100
105	MP2C	X	-2.339	-2.339	0	%100
106	MP2C	Z	-1.351	-1.351	0	%100
107	MP3B	X	-2.339	-2.339	0	%100
108	MP3B	Z	-1.351	-1.351	0	%100
109	MP2B	X	-2.339	-2.339	0	%100
110	MP2B	Z	-1.351	-1.351	0	%100
111	M123	X	-.713	-.713	0	%100
112	M123	Z	-.412	-.412	0	%100
113	M124	X	-.713	-.713	0	%100
114	M124	Z	-.412	-.412	0	%100
115	M125	X	-2.853	-2.853	0	%100
116	M125	Z	-1.647	-1.647	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	M20	X	-1.257	-1.257	0	%100
2	M20	Z	-2.177	-2.177	0	%100
3	M72A	X	-.443	-.443	0	%100
4	M72A	Z	-.768	-.768	0	%100
5	M73	X	-1.094	-1.094	0	%100
6	M73	Z	-1.895	-1.895	0	%100
7	M74	X	-1.094	-1.094	0	%100
8	M74	Z	-1.895	-1.895	0	%100
9	M75	X	-1.622	-1.622	0	%100
10	M75	Z	-2.81	-2.81	0	%100
11	M78	X	-.000729	-.000729	0	%100
12	M78	Z	-.001	-.001	0	%100
13	M79	X	-1.179	-1.179	0	%100
14	M79	Z	-2.042	-2.042	0	%100
15	M84	X	-.534	-.534	0	%100
16	M84	Z	-.924	-.924	0	%100
17	M85	X	-1.617	-1.617	0	%100
18	M85	Z	-2.8	-2.8	0	%100
19	M87A	X	-1.665	-1.665	0	%100
20	M87A	Z	-2.884	-2.884	0	%100
21	M89A	X	-.534	-.534	0	%100
22	M89A	Z	-.924	-.924	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	0	0	0	%100
27	MP4A	X	-1.351	-1.351	0	%100
28	MP4A	Z	-2.339	-2.339	0	%100
29	MP3A	X	-1.351	-1.351	0	%100
30	MP3A	Z	-2.339	-2.339	0	%100
31	MP2A	X	-1.351	-1.351	0	%100
32	MP2A	Z	-2.339	-2.339	0	%100
33	MP1A	X	-1.351	-1.351	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,%]
34	MP1A	Z	-2.339	-2.339	0	%100
35	OVP	X	-1.111	-1.111	0	%100
36	OVP	Z	-1.925	-1.925	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	-1.773	-1.773	0	%100
40	M37	Z	-3.071	-3.071	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M43	X	-1.121	-1.121	0	%100
48	M43	Z	-1.941	-1.941	0	%100
49	M44	X	-1.121	-1.121	0	%100
50	M44	Z	-1.941	-1.941	0	%100
51	M49	X	-2.134	-2.134	0	%100
52	M49	Z	-3.696	-3.696	0	%100
53	M50	X	-1.617	-1.617	0	%100
54	M50	Z	-2.8	-2.8	0	%100
55	M52	X	-1.665	-1.665	0	%100
56	M52	Z	-2.884	-2.884	0	%100
57	M54	X	-2.134	-2.134	0	%100
58	M54	Z	-3.696	-3.696	0	%100
59	M55	X	-1.617	-1.617	0	%100
60	M55	Z	-2.8	-2.8	0	%100
61	M57	X	-1.665	-1.665	0	%100
62	M57	Z	-2.884	-2.884	0	%100
63	MP4C	X	-1.351	-1.351	0	%100
64	MP4C	Z	-2.339	-2.339	0	%100
65	MP1C	X	-1.351	-1.351	0	%100
66	MP1C	Z	-2.339	-2.339	0	%100
67	M69	X	-1.257	-1.257	0	%100
68	M69	Z	-2.177	-2.177	0	%100
69	M70	X	-.443	-.443	0	%100
70	M70	Z	-.768	-.768	0	%100
71	M71	X	-1.094	-1.094	0	%100
72	M71	Z	-1.895	-1.895	0	%100
73	M72	X	-1.094	-1.094	0	%100
74	M72	Z	-1.895	-1.895	0	%100
75	M73A	X	-1.622	-1.622	0	%100
76	M73A	Z	-2.81	-2.81	0	%100
77	M76A	X	-1.179	-1.179	0	%100
78	M76A	Z	-2.041	-2.041	0	%100
79	M77B	X	-.000729	-.000729	0	%100
80	M77B	Z	-.001	-.001	0	%100
81	M82B	X	-.534	-.534	0	%100
82	M82B	Z	-.924	-.924	0	%100
83	M83B	X	0	0	0	%100
84	M83B	Z	0	0	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	-.534	-.534	0	%100
88	M87	Z	-.924	-.924	0	%100
89	M88A	X	-1.617	-1.617	0	%100
90	M88A	Z	-2.8	-2.8	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,%]
91	M90	X	-1.665	-1.665	0	%100
92	M90	Z	-2.884	-2.884	0	%100
93	MP4B	X	-1.351	-1.351	0	%100
94	MP4B	Z	-2.339	-2.339	0	%100
95	MP1B	X	-1.351	-1.351	0	%100
96	MP1B	Z	-2.339	-2.339	0	%100
97	M102	X	-1.257	-1.257	0	%100
98	M102	Z	-2.177	-2.177	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	0	0	0	%100
101	M111	X	-1.257	-1.257	0	%100
102	M111	Z	-2.177	-2.177	0	%100
103	MP3C	X	-1.351	-1.351	0	%100
104	MP3C	Z	-2.339	-2.339	0	%100
105	MP2C	X	-1.351	-1.351	0	%100
106	MP2C	Z	-2.339	-2.339	0	%100
107	MP3B	X	-1.351	-1.351	0	%100
108	MP3B	Z	-2.339	-2.339	0	%100
109	MP2B	X	-1.351	-1.351	0	%100
110	MP2B	Z	-2.339	-2.339	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-1.235	-1.235	0	%100
114	M124	Z	-2.14	-2.14	0	%100
115	M125	X	-1.235	-1.235	0	%100
116	M125	Z	-2.14	-2.14	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	M20	X	0	0	0	%100
2	M20	Z	-.729	-.729	0	%100
3	M72A	X	0	0	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	-.683	-.683	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	-.683	-.683	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	-1.25	-1.25	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	-.18	-.18	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	-.18	-.18	0	%100
15	M84	X	0	0	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	-.318	-.318	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	-.33	-.33	0	%100
21	M89A	X	0	0	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	-.318	-.318	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	-.33	-.33	0	%100
27	MP4A	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,%]
28	MP4A	Z	-.495	-.495	0	%100
29	MP3A	X	0	0	0	%100
30	MP3A	Z	-.495	-.495	0	%100
31	MP2A	X	0	0	0	%100
32	MP2A	Z	-.495	-.495	0	%100
33	MP1A	X	0	0	0	%100
34	MP1A	Z	-.495	-.495	0	%100
35	OVP	X	0	0	0	%100
36	OVP	Z	-.405	-.405	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	-.182	-.182	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	-.599	-.599	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	-.171	-.171	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	-.171	-.171	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	-.313	-.313	0	%100
47	M43	X	0	0	0	%100
48	M43	Z	-.155	-.155	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	-.67	-.67	0	%100
51	M49	X	0	0	0	%100
52	M49	Z	-.943	-.943	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	-1.273	-1.273	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	-1.32	-1.32	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	-.943	-.943	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	-.318	-.318	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	-.33	-.33	0	%100
63	MP4C	X	0	0	0	%100
64	MP4C	Z	-.495	-.495	0	%100
65	MP1C	X	0	0	0	%100
66	MP1C	Z	-.495	-.495	0	%100
67	M69	X	0	0	0	%100
68	M69	Z	-.182	-.182	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	-.599	-.599	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	-.171	-.171	0	%100
73	M72	X	0	0	0	%100
74	M72	Z	-.171	-.171	0	%100
75	M73A	X	0	0	0	%100
76	M73A	Z	-.313	-.313	0	%100
77	M76A	X	0	0	0	%100
78	M76A	Z	-.67	-.67	0	%100
79	M77B	X	0	0	0	%100
80	M77B	Z	-.155	-.155	0	%100
81	M82B	X	0	0	0	%100
82	M82B	Z	-.943	-.943	0	%100
83	M83B	X	0	0	0	%100
84	M83B	Z	-.318	-.318	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,%]
85	M85A	X	0	0	0	%100
86	M85A	Z	-.33	-.33	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	-.943	-.943	0	%100
89	M88A	X	0	0	0	%100
90	M88A	Z	-1.273	-1.273	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	-1.32	-1.32	0	%100
93	MP4B	X	0	0	0	%100
94	MP4B	Z	-.495	-.495	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	-.495	-.495	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	-.729	-.729	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	-.182	-.182	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	-.182	-.182	0	%100
103	MP3C	X	0	0	0	%100
104	MP3C	Z	-.495	-.495	0	%100
105	MP2C	X	0	0	0	%100
106	MP2C	Z	-.495	-.495	0	%100
107	MP3B	X	0	0	0	%100
108	MP3B	Z	-.495	-.495	0	%100
109	MP2B	X	0	0	0	%100
110	MP2B	Z	-.495	-.495	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-.2	-.2	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-.801	-.801	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	-.2	-.2	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	M20	X	.273	.273	0	%100
2	M20	Z	-.474	-.474	0	%100
3	M72A	X	.1	.1	0	%100
4	M72A	Z	-.173	-.173	0	%100
5	M73	X	.256	.256	0	%100
6	M73	Z	-.443	-.443	0	%100
7	M74	X	.256	.256	0	%100
8	M74	Z	-.443	-.443	0	%100
9	M75	X	.469	.469	0	%100
10	M75	Z	-.812	-.812	0	%100
11	M78	X	.258	.258	0	%100
12	M78	Z	-.446	-.446	0	%100
13	M79	X	.000159	.000159	0	%100
14	M79	Z	-.000276	-.000276	0	%100
15	M84	X	.157	.157	0	%100
16	M84	Z	-.272	-.272	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	.157	.157	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,%]
22	M89A	Z	-.272	-.272	0	%100
23	M90A	X	.477	.477	0	%100
24	M90A	Z	-.827	-.827	0	%100
25	M92	X	.495	.495	0	%100
26	M92	Z	-.857	-.857	0	%100
27	MP4A	X	.247	.247	0	%100
28	MP4A	Z	-.429	-.429	0	%100
29	MP3A	X	.247	.247	0	%100
30	MP3A	Z	-.429	-.429	0	%100
31	MP2A	X	.247	.247	0	%100
32	MP2A	Z	-.429	-.429	0	%100
33	MP1A	X	.247	.247	0	%100
34	MP1A	Z	-.429	-.429	0	%100
35	OVP	X	.202	.202	0	%100
36	OVP	Z	-.35	-.35	0	%100
37	M36	X	.273	.273	0	%100
38	M36	Z	-.474	-.474	0	%100
39	M37	X	.1	.1	0	%100
40	M37	Z	-.173	-.173	0	%100
41	M38	X	.256	.256	0	%100
42	M38	Z	-.443	-.443	0	%100
43	M39	X	.256	.256	0	%100
44	M39	Z	-.443	-.443	0	%100
45	M40	X	.469	.469	0	%100
46	M40	Z	-.812	-.812	0	%100
47	M43	X	.000159	.000159	0	%100
48	M43	Z	-.000276	-.000276	0	%100
49	M44	X	.258	.258	0	%100
50	M44	Z	-.446	-.446	0	%100
51	M49	X	.157	.157	0	%100
52	M49	Z	-.272	-.272	0	%100
53	M50	X	.477	.477	0	%100
54	M50	Z	-.827	-.827	0	%100
55	M52	X	.495	.495	0	%100
56	M52	Z	-.857	-.857	0	%100
57	M54	X	.157	.157	0	%100
58	M54	Z	-.272	-.272	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	MP4C	X	.247	.247	0	%100
64	MP4C	Z	-.429	-.429	0	%100
65	MP1C	X	.247	.247	0	%100
66	MP1C	Z	-.429	-.429	0	%100
67	M69	X	0	0	0	%100
68	M69	Z	0	0	0	%100
69	M70	X	.399	.399	0	%100
70	M70	Z	-.692	-.692	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	0	0	0	%100
73	M72	X	0	0	0	%100
74	M72	Z	0	0	0	%100
75	M73A	X	0	0	0	%100
76	M73A	Z	0	0	0	%100
77	M76A	X	.245	.245	0	%100
78	M76A	Z	-.424	-.424	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,%]
79	M77B	X	.245	.245	0	%100
80	M77B	Z	-.425	-.425	0	%100
81	M82B	X	.629	.629	0	%100
82	M82B	Z	-1.089	-1.089	0	%100
83	M83B	X	.477	.477	0	%100
84	M83B	Z	-.827	-.827	0	%100
85	M85A	X	.495	.495	0	%100
86	M85A	Z	-.857	-.857	0	%100
87	M87	X	.629	.629	0	%100
88	M87	Z	-1.089	-1.089	0	%100
89	M88A	X	.477	.477	0	%100
90	M88A	Z	-.827	-.827	0	%100
91	M90	X	.495	.495	0	%100
92	M90	Z	-.857	-.857	0	%100
93	MP4B	X	.247	.247	0	%100
94	MP4B	Z	-.429	-.429	0	%100
95	MP1B	X	.247	.247	0	%100
96	MP1B	Z	-.429	-.429	0	%100
97	M102	X	.273	.273	0	%100
98	M102	Z	-.474	-.474	0	%100
99	M107	X	.273	.273	0	%100
100	M107	Z	-.474	-.474	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	0	0	0	%100
103	MP3C	X	.247	.247	0	%100
104	MP3C	Z	-.429	-.429	0	%100
105	MP2C	X	.247	.247	0	%100
106	MP2C	Z	-.429	-.429	0	%100
107	MP3B	X	.247	.247	0	%100
108	MP3B	Z	-.429	-.429	0	%100
109	MP2B	X	.247	.247	0	%100
110	MP2B	Z	-.429	-.429	0	%100
111	M123	X	.3	.3	0	%100
112	M123	Z	-.52	-.52	0	%100
113	M124	X	.3	.3	0	%100
114	M124	Z	-.52	-.52	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	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	M20	X	.158	.158	0	%100
2	M20	Z	-.091	-.091	0	%100
3	M72A	X	.519	.519	0	%100
4	M72A	Z	-.3	-.3	0	%100
5	M73	X	.148	.148	0	%100
6	M73	Z	-.085	-.085	0	%100
7	M74	X	.148	.148	0	%100
8	M74	Z	-.085	-.085	0	%100
9	M75	X	.271	.271	0	%100
10	M75	Z	-.156	-.156	0	%100
11	M78	X	.58	.58	0	%100
12	M78	Z	-.335	-.335	0	%100
13	M79	X	.134	.134	0	%100
14	M79	Z	-.078	-.078	0	%100
15	M84	X	.817	.817	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,%]
16	M84	Z	-.472	-.472	0	%100
17	M85	X	.276	.276	0	%100
18	M85	Z	-.159	-.159	0	%100
19	M87A	X	.286	.286	0	%100
20	M87A	Z	-.165	-.165	0	%100
21	M89A	X	.817	.817	0	%100
22	M89A	Z	-.472	-.472	0	%100
23	M90A	X	1.103	1.103	0	%100
24	M90A	Z	-.637	-.637	0	%100
25	M92	X	1.143	1.143	0	%100
26	M92	Z	-.66	-.66	0	%100
27	MP4A	X	.429	.429	0	%100
28	MP4A	Z	-.247	-.247	0	%100
29	MP3A	X	.429	.429	0	%100
30	MP3A	Z	-.247	-.247	0	%100
31	MP2A	X	.429	.429	0	%100
32	MP2A	Z	-.247	-.247	0	%100
33	MP1A	X	.429	.429	0	%100
34	MP1A	Z	-.247	-.247	0	%100
35	OVP	X	.35	.35	0	%100
36	OVP	Z	-.202	-.202	0	%100
37	M36	X	.632	.632	0	%100
38	M36	Z	-.365	-.365	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	.591	.591	0	%100
42	M38	Z	-.341	-.341	0	%100
43	M39	X	.591	.591	0	%100
44	M39	Z	-.341	-.341	0	%100
45	M40	X	1.083	1.083	0	%100
46	M40	Z	-.625	-.625	0	%100
47	M43	X	.156	.156	0	%100
48	M43	Z	-.09	-.09	0	%100
49	M44	X	.156	.156	0	%100
50	M44	Z	-.09	-.09	0	%100
51	M49	X	0	0	0	%100
52	M49	Z	0	0	0	%100
53	M50	X	.276	.276	0	%100
54	M50	Z	-.159	-.159	0	%100
55	M52	X	.286	.286	0	%100
56	M52	Z	-.165	-.165	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	.276	.276	0	%100
60	M55	Z	-.159	-.159	0	%100
61	M57	X	.286	.286	0	%100
62	M57	Z	-.165	-.165	0	%100
63	MP4C	X	.429	.429	0	%100
64	MP4C	Z	-.247	-.247	0	%100
65	MP1C	X	.429	.429	0	%100
66	MP1C	Z	-.247	-.247	0	%100
67	M69	X	.158	.158	0	%100
68	M69	Z	-.091	-.091	0	%100
69	M70	X	.519	.519	0	%100
70	M70	Z	-.3	-.3	0	%100
71	M71	X	.148	.148	0	%100
72	M71	Z	-.085	-.085	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,%]
73	M72	X	.148	.148	0	%100
74	M72	Z	-.085	-.085	0	%100
75	M73A	X	.271	.271	0	%100
76	M73A	Z	-.156	-.156	0	%100
77	M76A	X	.134	.134	0	%100
78	M76A	Z	-.078	-.078	0	%100
79	M77B	X	.581	.581	0	%100
80	M77B	Z	-.335	-.335	0	%100
81	M82B	X	.817	.817	0	%100
82	M82B	Z	-.472	-.472	0	%100
83	M83B	X	1.103	1.103	0	%100
84	M83B	Z	-.637	-.637	0	%100
85	M85A	X	1.143	1.143	0	%100
86	M85A	Z	-.66	-.66	0	%100
87	M87	X	.817	.817	0	%100
88	M87	Z	-.472	-.472	0	%100
89	M88A	X	.276	.276	0	%100
90	M88A	Z	-.159	-.159	0	%100
91	M90	X	.286	.286	0	%100
92	M90	Z	-.165	-.165	0	%100
93	MP4B	X	.429	.429	0	%100
94	MP4B	Z	-.247	-.247	0	%100
95	MP1B	X	.429	.429	0	%100
96	MP1B	Z	-.247	-.247	0	%100
97	M102	X	.158	.158	0	%100
98	M102	Z	-.091	-.091	0	%100
99	M107	X	.632	.632	0	%100
100	M107	Z	-.365	-.365	0	%100
101	M111	X	.158	.158	0	%100
102	M111	Z	-.091	-.091	0	%100
103	MP3C	X	.429	.429	0	%100
104	MP3C	Z	-.247	-.247	0	%100
105	MP2C	X	.429	.429	0	%100
106	MP2C	Z	-.247	-.247	0	%100
107	MP3B	X	.429	.429	0	%100
108	MP3B	Z	-.247	-.247	0	%100
109	MP2B	X	.429	.429	0	%100
110	MP2B	Z	-.247	-.247	0	%100
111	M123	X	.693	.693	0	%100
112	M123	Z	-.4	-.4	0	%100
113	M124	X	.173	.173	0	%100
114	M124	Z	-.1	-.1	0	%100
115	M125	X	.173	.173	0	%100
116	M125	Z	-.1	-.1	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M72A	X	.799	.799	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	0	0	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	0	0	0	%100
9	M75	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,%]
10	M75	Z	0	0	0	%100
11	M78	X	.49	.49	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	.49	.49	0	%100
14	M79	Z	0	0	0	%100
15	M84	X	1.258	1.258	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	.955	.955	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	.99	.99	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	1.258	1.258	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	.955	.955	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	.99	.99	0	%100
26	M92	Z	0	0	0	%100
27	MP4A	X	.495	.495	0	%100
28	MP4A	Z	0	0	0	%100
29	MP3A	X	.495	.495	0	%100
30	MP3A	Z	0	0	0	%100
31	MP2A	X	.495	.495	0	%100
32	MP2A	Z	0	0	0	%100
33	MP1A	X	.495	.495	0	%100
34	MP1A	Z	0	0	0	%100
35	OVP	X	.405	.405	0	%100
36	OVP	Z	0	0	0	%100
37	M36	X	.547	.547	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	.2	.2	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	.512	.512	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	.512	.512	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	.938	.938	0	%100
46	M40	Z	0	0	0	%100
47	M43	X	.515	.515	0	%100
48	M43	Z	0	0	0	%100
49	M44	X	.000319	.000319	0	%100
50	M44	Z	0	0	0	%100
51	M49	X	.314	.314	0	%100
52	M49	Z	0	0	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	0	0	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	0	0	0	%100
57	M54	X	.314	.314	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	.955	.955	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	.99	.99	0	%100
62	M57	Z	0	0	0	%100
63	MP4C	X	.495	.495	0	%100
64	MP4C	Z	0	0	0	%100
65	MP1C	X	.495	.495	0	%100
66	MP1C	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,%]
67	M69	X	.547	.547	0	%100
68	M69	Z	0	0	0	%100
69	M70	X	.2	.2	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	.512	.512	0	%100
72	M71	Z	0	0	0	%100
73	M72	X	.512	.512	0	%100
74	M72	Z	0	0	0	%100
75	M73A	X	.938	.938	0	%100
76	M73A	Z	0	0	0	%100
77	M76A	X	.000319	.000319	0	%100
78	M76A	Z	0	0	0	%100
79	M77B	X	.516	.516	0	%100
80	M77B	Z	0	0	0	%100
81	M82B	X	.314	.314	0	%100
82	M82B	Z	0	0	0	%100
83	M83B	X	.955	.955	0	%100
84	M83B	Z	0	0	0	%100
85	M85A	X	.99	.99	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	.314	.314	0	%100
88	M87	Z	0	0	0	%100
89	M88A	X	0	0	0	%100
90	M88A	Z	0	0	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	0	0	0	%100
93	MP4B	X	.495	.495	0	%100
94	MP4B	Z	0	0	0	%100
95	MP1B	X	.495	.495	0	%100
96	MP1B	Z	0	0	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	0	0	0	%100
99	M107	X	.547	.547	0	%100
100	M107	Z	0	0	0	%100
101	M111	X	.547	.547	0	%100
102	M111	Z	0	0	0	%100
103	MP3C	X	.495	.495	0	%100
104	MP3C	Z	0	0	0	%100
105	MP2C	X	.495	.495	0	%100
106	MP2C	Z	0	0	0	%100
107	MP3B	X	.495	.495	0	%100
108	MP3B	Z	0	0	0	%100
109	MP2B	X	.495	.495	0	%100
110	MP2B	Z	0	0	0	%100
111	M123	X	.601	.601	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	.601	.601	0	%100
116	M125	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	M20	X	.158	.158	0	%100
2	M20	Z	.091	.091	0	%100
3	M72A	X	.519	.519	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,%]
4	M72A	Z	.3	.3	0	%100
5	M73	X	.148	.148	0	%100
6	M73	Z	.085	.085	0	%100
7	M74	X	.148	.148	0	%100
8	M74	Z	.085	.085	0	%100
9	M75	X	.271	.271	0	%100
10	M75	Z	.156	.156	0	%100
11	M78	X	.134	.134	0	%100
12	M78	Z	.078	.078	0	%100
13	M79	X	.581	.581	0	%100
14	M79	Z	.335	.335	0	%100
15	M84	X	.817	.817	0	%100
16	M84	Z	.472	.472	0	%100
17	M85	X	1.103	1.103	0	%100
18	M85	Z	.637	.637	0	%100
19	M87A	X	1.143	1.143	0	%100
20	M87A	Z	.66	.66	0	%100
21	M89A	X	.817	.817	0	%100
22	M89A	Z	.472	.472	0	%100
23	M90A	X	.276	.276	0	%100
24	M90A	Z	.159	.159	0	%100
25	M92	X	.286	.286	0	%100
26	M92	Z	.165	.165	0	%100
27	MP4A	X	.429	.429	0	%100
28	MP4A	Z	.247	.247	0	%100
29	MP3A	X	.429	.429	0	%100
30	MP3A	Z	.247	.247	0	%100
31	MP2A	X	.429	.429	0	%100
32	MP2A	Z	.247	.247	0	%100
33	MP1A	X	.429	.429	0	%100
34	MP1A	Z	.247	.247	0	%100
35	OVP	X	.35	.35	0	%100
36	OVP	Z	.202	.202	0	%100
37	M36	X	.158	.158	0	%100
38	M36	Z	.091	.091	0	%100
39	M37	X	.519	.519	0	%100
40	M37	Z	.3	.3	0	%100
41	M38	X	.148	.148	0	%100
42	M38	Z	.085	.085	0	%100
43	M39	X	.148	.148	0	%100
44	M39	Z	.085	.085	0	%100
45	M40	X	.271	.271	0	%100
46	M40	Z	.156	.156	0	%100
47	M43	X	.58	.58	0	%100
48	M43	Z	.335	.335	0	%100
49	M44	X	.134	.134	0	%100
50	M44	Z	.078	.078	0	%100
51	M49	X	.817	.817	0	%100
52	M49	Z	.472	.472	0	%100
53	M50	X	.276	.276	0	%100
54	M50	Z	.159	.159	0	%100
55	M52	X	.286	.286	0	%100
56	M52	Z	.165	.165	0	%100
57	M54	X	.817	.817	0	%100
58	M54	Z	.472	.472	0	%100
59	M55	X	1.103	1.103	0	%100
60	M55	Z	.637	.637	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,%]
61	M57	X	1.143	1.143	0	%100
62	M57	Z	.66	.66	0	%100
63	MP4C	X	.429	.429	0	%100
64	MP4C	Z	.247	.247	0	%100
65	MP1C	X	.429	.429	0	%100
66	MP1C	Z	.247	.247	0	%100
67	M69	X	.632	.632	0	%100
68	M69	Z	.365	.365	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	.591	.591	0	%100
72	M71	Z	.341	.341	0	%100
73	M72	X	.591	.591	0	%100
74	M72	Z	.341	.341	0	%100
75	M73A	X	1.083	1.083	0	%100
76	M73A	Z	.625	.625	0	%100
77	M76A	X	.156	.156	0	%100
78	M76A	Z	.09	.09	0	%100
79	M77B	X	.156	.156	0	%100
80	M77B	Z	.09	.09	0	%100
81	M82B	X	0	0	0	%100
82	M82B	Z	0	0	0	%100
83	M83B	X	.276	.276	0	%100
84	M83B	Z	.159	.159	0	%100
85	M85A	X	.286	.286	0	%100
86	M85A	Z	.165	.165	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	0	0	0	%100
89	M88A	X	.276	.276	0	%100
90	M88A	Z	.159	.159	0	%100
91	M90	X	.286	.286	0	%100
92	M90	Z	.165	.165	0	%100
93	MP4B	X	.429	.429	0	%100
94	MP4B	Z	.247	.247	0	%100
95	MP1B	X	.429	.429	0	%100
96	MP1B	Z	.247	.247	0	%100
97	M102	X	.158	.158	0	%100
98	M102	Z	.091	.091	0	%100
99	M107	X	.158	.158	0	%100
100	M107	Z	.091	.091	0	%100
101	M111	X	.632	.632	0	%100
102	M111	Z	.365	.365	0	%100
103	MP3C	X	.429	.429	0	%100
104	MP3C	Z	.247	.247	0	%100
105	MP2C	X	.429	.429	0	%100
106	MP2C	Z	.247	.247	0	%100
107	MP3B	X	.429	.429	0	%100
108	MP3B	Z	.247	.247	0	%100
109	MP2B	X	.429	.429	0	%100
110	MP2B	Z	.247	.247	0	%100
111	M123	X	.173	.173	0	%100
112	M123	Z	.1	.1	0	%100
113	M124	X	.173	.173	0	%100
114	M124	Z	.1	.1	0	%100
115	M125	X	.693	.693	0	%100
116	M125	Z	.4	.4	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	M20	X	.273	.273	0	%100
2	M20	Z	.474	.474	0	%100
3	M72A	X	.1	.1	0	%100
4	M72A	Z	.173	.173	0	%100
5	M73	X	.256	.256	0	%100
6	M73	Z	.443	.443	0	%100
7	M74	X	.256	.256	0	%100
8	M74	Z	.443	.443	0	%100
9	M75	X	.469	.469	0	%100
10	M75	Z	.812	.812	0	%100
11	M78	X	.000159	.000159	0	%100
12	M78	Z	.000276	.000276	0	%100
13	M79	X	.258	.258	0	%100
14	M79	Z	.446	.446	0	%100
15	M84	X	.157	.157	0	%100
16	M84	Z	.272	.272	0	%100
17	M85	X	.477	.477	0	%100
18	M85	Z	.827	.827	0	%100
19	M87A	X	.495	.495	0	%100
20	M87A	Z	.857	.857	0	%100
21	M89A	X	.157	.157	0	%100
22	M89A	Z	.272	.272	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	0	0	0	%100
27	MP4A	X	.247	.247	0	%100
28	MP4A	Z	.429	.429	0	%100
29	MP3A	X	.247	.247	0	%100
30	MP3A	Z	.429	.429	0	%100
31	MP2A	X	.247	.247	0	%100
32	MP2A	Z	.429	.429	0	%100
33	MP1A	X	.247	.247	0	%100
34	MP1A	Z	.429	.429	0	%100
35	OVP	X	.202	.202	0	%100
36	OVP	Z	.35	.35	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	.399	.399	0	%100
40	M37	Z	.692	.692	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M43	X	.245	.245	0	%100
48	M43	Z	.424	.424	0	%100
49	M44	X	.245	.245	0	%100
50	M44	Z	.425	.425	0	%100
51	M49	X	.629	.629	0	%100
52	M49	Z	1.089	1.089	0	%100
53	M50	X	.477	.477	0	%100
54	M50	Z	.827	.827	0	%100
55	M52	X	.495	.495	0	%100
56	M52	Z	.857	.857	0	%100
57	M54	X	.629	.629	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,%]
58	M54	Z	1.089	1.089	0	%100
59	M55	X	.477	.477	0	%100
60	M55	Z	.827	.827	0	%100
61	M57	X	.495	.495	0	%100
62	M57	Z	.857	.857	0	%100
63	MP4C	X	.247	.247	0	%100
64	MP4C	Z	.429	.429	0	%100
65	MP1C	X	.247	.247	0	%100
66	MP1C	Z	.429	.429	0	%100
67	M69	X	.273	.273	0	%100
68	M69	Z	.474	.474	0	%100
69	M70	X	.1	.1	0	%100
70	M70	Z	.173	.173	0	%100
71	M71	X	.256	.256	0	%100
72	M71	Z	.443	.443	0	%100
73	M72	X	.256	.256	0	%100
74	M72	Z	.443	.443	0	%100
75	M73A	X	.469	.469	0	%100
76	M73A	Z	.812	.812	0	%100
77	M76A	X	.258	.258	0	%100
78	M76A	Z	.446	.446	0	%100
79	M77B	X	.000159	.000159	0	%100
80	M77B	Z	.000276	.000276	0	%100
81	M82B	X	.157	.157	0	%100
82	M82B	Z	.272	.272	0	%100
83	M83B	X	0	0	0	%100
84	M83B	Z	0	0	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	.157	.157	0	%100
88	M87	Z	.272	.272	0	%100
89	M88A	X	.477	.477	0	%100
90	M88A	Z	.827	.827	0	%100
91	M90	X	.495	.495	0	%100
92	M90	Z	.857	.857	0	%100
93	MP4B	X	.247	.247	0	%100
94	MP4B	Z	.429	.429	0	%100
95	MP1B	X	.247	.247	0	%100
96	MP1B	Z	.429	.429	0	%100
97	M102	X	.273	.273	0	%100
98	M102	Z	.474	.474	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	0	0	0	%100
101	M111	X	.273	.273	0	%100
102	M111	Z	.474	.474	0	%100
103	MP3C	X	.247	.247	0	%100
104	MP3C	Z	.429	.429	0	%100
105	MP2C	X	.247	.247	0	%100
106	MP2C	Z	.429	.429	0	%100
107	MP3B	X	.247	.247	0	%100
108	MP3B	Z	.429	.429	0	%100
109	MP2B	X	.247	.247	0	%100
110	MP2B	Z	.429	.429	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	.3	.3	0	%100
114	M124	Z	.52	.52	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,%]
115	M125	X	.3	.3	0	%100
116	M125	Z	.52	.52	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	M20	X	0	0	0	%100
2	M20	Z	.729	.729	0	%100
3	M72A	X	0	0	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	.683	.683	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	.683	.683	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	1.25	1.25	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	.18	.18	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	.18	.18	0	%100
15	M84	X	0	0	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	.318	.318	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	.33	.33	0	%100
21	M89A	X	0	0	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	.318	.318	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	.33	.33	0	%100
27	MP4A	X	0	0	0	%100
28	MP4A	Z	.495	.495	0	%100
29	MP3A	X	0	0	0	%100
30	MP3A	Z	.495	.495	0	%100
31	MP2A	X	0	0	0	%100
32	MP2A	Z	.495	.495	0	%100
33	MP1A	X	0	0	0	%100
34	MP1A	Z	.495	.495	0	%100
35	OVP	X	0	0	0	%100
36	OVP	Z	.405	.405	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	.182	.182	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	.599	.599	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	.171	.171	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	.171	.171	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	.313	.313	0	%100
47	M43	X	0	0	0	%100
48	M43	Z	.155	.155	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	.67	.67	0	%100
51	M49	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,%]
52	M49	Z	.943	.943	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	1.273	1.273	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	1.32	1.32	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	.943	.943	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	.318	.318	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	.33	.33	0	%100
63	MP4C	X	0	0	0	%100
64	MP4C	Z	.495	.495	0	%100
65	MP1C	X	0	0	0	%100
66	MP1C	Z	.495	.495	0	%100
67	M69	X	0	0	0	%100
68	M69	Z	.182	.182	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	.599	.599	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	.171	.171	0	%100
73	M72	X	0	0	0	%100
74	M72	Z	.171	.171	0	%100
75	M73A	X	0	0	0	%100
76	M73A	Z	.313	.313	0	%100
77	M76A	X	0	0	0	%100
78	M76A	Z	.67	.67	0	%100
79	M77B	X	0	0	0	%100
80	M77B	Z	.155	.155	0	%100
81	M82B	X	0	0	0	%100
82	M82B	Z	.943	.943	0	%100
83	M83B	X	0	0	0	%100
84	M83B	Z	.318	.318	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	.33	.33	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	.943	.943	0	%100
89	M88A	X	0	0	0	%100
90	M88A	Z	1.273	1.273	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	1.32	1.32	0	%100
93	MP4B	X	0	0	0	%100
94	MP4B	Z	.495	.495	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	.495	.495	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	.729	.729	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	.182	.182	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	.182	.182	0	%100
103	MP3C	X	0	0	0	%100
104	MP3C	Z	.495	.495	0	%100
105	MP2C	X	0	0	0	%100
106	MP2C	Z	.495	.495	0	%100
107	MP3B	X	0	0	0	%100
108	MP3B	Z	.495	.495	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,%]
109	MP2B	X	0	0	0	%100
110	MP2B	Z	.495	.495	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	.2	.2	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	.801	.801	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	.2	.2	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	M20	X	-.273	-.273	0	%100
2	M20	Z	.474	.474	0	%100
3	M72A	X	-.1	-.1	0	%100
4	M72A	Z	.173	.173	0	%100
5	M73	X	-.256	-.256	0	%100
6	M73	Z	.443	.443	0	%100
7	M74	X	-.256	-.256	0	%100
8	M74	Z	.443	.443	0	%100
9	M75	X	-.469	-.469	0	%100
10	M75	Z	.812	.812	0	%100
11	M78	X	-.258	-.258	0	%100
12	M78	Z	.446	.446	0	%100
13	M79	X	-.000159	-.000159	0	%100
14	M79	Z	.000276	.000276	0	%100
15	M84	X	-.157	-.157	0	%100
16	M84	Z	.272	.272	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	-.157	-.157	0	%100
22	M89A	Z	.272	.272	0	%100
23	M90A	X	-.477	-.477	0	%100
24	M90A	Z	.827	.827	0	%100
25	M92	X	-.495	-.495	0	%100
26	M92	Z	.857	.857	0	%100
27	MP4A	X	-.247	-.247	0	%100
28	MP4A	Z	.429	.429	0	%100
29	MP3A	X	-.247	-.247	0	%100
30	MP3A	Z	.429	.429	0	%100
31	MP2A	X	-.247	-.247	0	%100
32	MP2A	Z	.429	.429	0	%100
33	MP1A	X	-.247	-.247	0	%100
34	MP1A	Z	.429	.429	0	%100
35	OVP	X	-.202	-.202	0	%100
36	OVP	Z	.35	.35	0	%100
37	M36	X	-.273	-.273	0	%100
38	M36	Z	.474	.474	0	%100
39	M37	X	-.1	-.1	0	%100
40	M37	Z	.173	.173	0	%100
41	M38	X	-.256	-.256	0	%100
42	M38	Z	.443	.443	0	%100
43	M39	X	-.256	-.256	0	%100
44	M39	Z	.443	.443	0	%100
45	M40	X	-.469	-.469	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,%]
46	M40	Z	.812	.812	0	%100
47	M43	X	-.000159	-.000159	0	%100
48	M43	Z	.000276	.000276	0	%100
49	M44	X	-.258	-.258	0	%100
50	M44	Z	.446	.446	0	%100
51	M49	X	-.157	-.157	0	%100
52	M49	Z	.272	.272	0	%100
53	M50	X	-.477	-.477	0	%100
54	M50	Z	.827	.827	0	%100
55	M52	X	-.495	-.495	0	%100
56	M52	Z	.857	.857	0	%100
57	M54	X	-.157	-.157	0	%100
58	M54	Z	.272	.272	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	MP4C	X	-.247	-.247	0	%100
64	MP4C	Z	.429	.429	0	%100
65	MP1C	X	-.247	-.247	0	%100
66	MP1C	Z	.429	.429	0	%100
67	M69	X	0	0	0	%100
68	M69	Z	0	0	0	%100
69	M70	X	-.399	-.399	0	%100
70	M70	Z	.692	.692	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	0	0	0	%100
73	M72	X	0	0	0	%100
74	M72	Z	0	0	0	%100
75	M73A	X	0	0	0	%100
76	M73A	Z	0	0	0	%100
77	M76A	X	-.245	-.245	0	%100
78	M76A	Z	.424	.424	0	%100
79	M77B	X	-.245	-.245	0	%100
80	M77B	Z	.425	.425	0	%100
81	M82B	X	-.629	-.629	0	%100
82	M82B	Z	1.089	1.089	0	%100
83	M83B	X	-.477	-.477	0	%100
84	M83B	Z	.827	.827	0	%100
85	M85A	X	-.495	-.495	0	%100
86	M85A	Z	.857	.857	0	%100
87	M87	X	-.629	-.629	0	%100
88	M87	Z	1.089	1.089	0	%100
89	M88A	X	-.477	-.477	0	%100
90	M88A	Z	.827	.827	0	%100
91	M90	X	-.495	-.495	0	%100
92	M90	Z	.857	.857	0	%100
93	MP4B	X	-.247	-.247	0	%100
94	MP4B	Z	.429	.429	0	%100
95	MP1B	X	-.247	-.247	0	%100
96	MP1B	Z	.429	.429	0	%100
97	M102	X	-.273	-.273	0	%100
98	M102	Z	.474	.474	0	%100
99	M107	X	-.273	-.273	0	%100
100	M107	Z	.474	.474	0	%100
101	M111	X	0	0	0	%100
102	M111	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,%]
103	MP3C	X	-.247	-.247	0	%100
104	MP3C	Z	.429	.429	0	%100
105	MP2C	X	-.247	-.247	0	%100
106	MP2C	Z	.429	.429	0	%100
107	MP3B	X	-.247	-.247	0	%100
108	MP3B	Z	.429	.429	0	%100
109	MP2B	X	-.247	-.247	0	%100
110	MP2B	Z	.429	.429	0	%100
111	M123	X	-.3	-.3	0	%100
112	M123	Z	.52	.52	0	%100
113	M124	X	-.3	-.3	0	%100
114	M124	Z	.52	.52	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	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	M20	X	-.158	-.158	0	%100
2	M20	Z	.091	.091	0	%100
3	M72A	X	-.519	-.519	0	%100
4	M72A	Z	.3	.3	0	%100
5	M73	X	-.148	-.148	0	%100
6	M73	Z	.085	.085	0	%100
7	M74	X	-.148	-.148	0	%100
8	M74	Z	.085	.085	0	%100
9	M75	X	-.271	-.271	0	%100
10	M75	Z	.156	.156	0	%100
11	M78	X	-.58	-.58	0	%100
12	M78	Z	.335	.335	0	%100
13	M79	X	-.134	-.134	0	%100
14	M79	Z	.078	.078	0	%100
15	M84	X	-.817	-.817	0	%100
16	M84	Z	.472	.472	0	%100
17	M85	X	-.276	-.276	0	%100
18	M85	Z	.159	.159	0	%100
19	M87A	X	-.286	-.286	0	%100
20	M87A	Z	.165	.165	0	%100
21	M89A	X	-.817	-.817	0	%100
22	M89A	Z	.472	.472	0	%100
23	M90A	X	-1.103	-1.103	0	%100
24	M90A	Z	.637	.637	0	%100
25	M92	X	-1.143	-1.143	0	%100
26	M92	Z	.66	.66	0	%100
27	MP4A	X	-.429	-.429	0	%100
28	MP4A	Z	.247	.247	0	%100
29	MP3A	X	-.429	-.429	0	%100
30	MP3A	Z	.247	.247	0	%100
31	MP2A	X	-.429	-.429	0	%100
32	MP2A	Z	.247	.247	0	%100
33	MP1A	X	-.429	-.429	0	%100
34	MP1A	Z	.247	.247	0	%100
35	OVP	X	-.35	-.35	0	%100
36	OVP	Z	.202	.202	0	%100
37	M36	X	-.632	-.632	0	%100
38	M36	Z	.365	.365	0	%100
39	M37	X	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,%]
40	M37	Z	0	0	0	%100
41	M38	X	-.591	-.591	0	%100
42	M38	Z	.341	.341	0	%100
43	M39	X	-.591	-.591	0	%100
44	M39	Z	.341	.341	0	%100
45	M40	X	-1.083	-1.083	0	%100
46	M40	Z	.625	.625	0	%100
47	M43	X	-.156	-.156	0	%100
48	M43	Z	.09	.09	0	%100
49	M44	X	-.156	-.156	0	%100
50	M44	Z	.09	.09	0	%100
51	M49	X	0	0	0	%100
52	M49	Z	0	0	0	%100
53	M50	X	-.276	-.276	0	%100
54	M50	Z	.159	.159	0	%100
55	M52	X	-.286	-.286	0	%100
56	M52	Z	.165	.165	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-.276	-.276	0	%100
60	M55	Z	.159	.159	0	%100
61	M57	X	-.286	-.286	0	%100
62	M57	Z	.165	.165	0	%100
63	MP4C	X	-.429	-.429	0	%100
64	MP4C	Z	.247	.247	0	%100
65	MP1C	X	-.429	-.429	0	%100
66	MP1C	Z	.247	.247	0	%100
67	M69	X	-.158	-.158	0	%100
68	M69	Z	.091	.091	0	%100
69	M70	X	-.519	-.519	0	%100
70	M70	Z	.3	.3	0	%100
71	M71	X	-.148	-.148	0	%100
72	M71	Z	.085	.085	0	%100
73	M72	X	-.148	-.148	0	%100
74	M72	Z	.085	.085	0	%100
75	M73A	X	-.271	-.271	0	%100
76	M73A	Z	.156	.156	0	%100
77	M76A	X	-.134	-.134	0	%100
78	M76A	Z	.078	.078	0	%100
79	M77B	X	-.581	-.581	0	%100
80	M77B	Z	.335	.335	0	%100
81	M82B	X	-.817	-.817	0	%100
82	M82B	Z	.472	.472	0	%100
83	M83B	X	-1.103	-1.103	0	%100
84	M83B	Z	.637	.637	0	%100
85	M85A	X	-1.143	-1.143	0	%100
86	M85A	Z	.66	.66	0	%100
87	M87	X	-.817	-.817	0	%100
88	M87	Z	.472	.472	0	%100
89	M88A	X	-.276	-.276	0	%100
90	M88A	Z	.159	.159	0	%100
91	M90	X	-.286	-.286	0	%100
92	M90	Z	.165	.165	0	%100
93	MP4B	X	-.429	-.429	0	%100
94	MP4B	Z	.247	.247	0	%100
95	MP1B	X	-.429	-.429	0	%100
96	MP1B	Z	.247	.247	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,%]
97	M102	X	-.158	-.158	0	%100
98	M102	Z	.091	.091	0	%100
99	M107	X	-.632	-.632	0	%100
100	M107	Z	.365	.365	0	%100
101	M111	X	-.158	-.158	0	%100
102	M111	Z	.091	.091	0	%100
103	MP3C	X	-.429	-.429	0	%100
104	MP3C	Z	.247	.247	0	%100
105	MP2C	X	-.429	-.429	0	%100
106	MP2C	Z	.247	.247	0	%100
107	MP3B	X	-.429	-.429	0	%100
108	MP3B	Z	.247	.247	0	%100
109	MP2B	X	-.429	-.429	0	%100
110	MP2B	Z	.247	.247	0	%100
111	M123	X	-.693	-.693	0	%100
112	M123	Z	.4	.4	0	%100
113	M124	X	-.173	-.173	0	%100
114	M124	Z	.1	.1	0	%100
115	M125	X	-.173	-.173	0	%100
116	M125	Z	.1	.1	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M72A	X	-.799	-.799	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	0	0	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	0	0	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	0	0	0	%100
11	M78	X	-.49	-.49	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	-.49	-.49	0	%100
14	M79	Z	0	0	0	%100
15	M84	X	-1.258	-1.258	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	-.955	-.955	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	-.99	-.99	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	-1.258	-1.258	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	-.955	-.955	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	-.99	-.99	0	%100
26	M92	Z	0	0	0	%100
27	MP4A	X	-.495	-.495	0	%100
28	MP4A	Z	0	0	0	%100
29	MP3A	X	-.495	-.495	0	%100
30	MP3A	Z	0	0	0	%100
31	MP2A	X	-.495	-.495	0	%100
32	MP2A	Z	0	0	0	%100
33	MP1A	X	-.495	-.495	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,%]
34	MP1A	Z	0	0	0	%100
35	OVP	X	-.405	-.405	0	%100
36	OVP	Z	0	0	0	%100
37	M36	X	-.547	-.547	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	-.2	-.2	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	-.512	-.512	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	-.512	-.512	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	-.938	-.938	0	%100
46	M40	Z	0	0	0	%100
47	M43	X	-.515	-.515	0	%100
48	M43	Z	0	0	0	%100
49	M44	X	-.000319	-.000319	0	%100
50	M44	Z	0	0	0	%100
51	M49	X	-.314	-.314	0	%100
52	M49	Z	0	0	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	0	0	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	0	0	0	%100
57	M54	X	-.314	-.314	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-.955	-.955	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	-.99	-.99	0	%100
62	M57	Z	0	0	0	%100
63	MP4C	X	-.495	-.495	0	%100
64	MP4C	Z	0	0	0	%100
65	MP1C	X	-.495	-.495	0	%100
66	MP1C	Z	0	0	0	%100
67	M69	X	-.547	-.547	0	%100
68	M69	Z	0	0	0	%100
69	M70	X	-.2	-.2	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	-.512	-.512	0	%100
72	M71	Z	0	0	0	%100
73	M72	X	-.512	-.512	0	%100
74	M72	Z	0	0	0	%100
75	M73A	X	-.938	-.938	0	%100
76	M73A	Z	0	0	0	%100
77	M76A	X	-.000319	-.000319	0	%100
78	M76A	Z	0	0	0	%100
79	M77B	X	-.516	-.516	0	%100
80	M77B	Z	0	0	0	%100
81	M82B	X	-.314	-.314	0	%100
82	M82B	Z	0	0	0	%100
83	M83B	X	-.955	-.955	0	%100
84	M83B	Z	0	0	0	%100
85	M85A	X	-.99	-.99	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	-.314	-.314	0	%100
88	M87	Z	0	0	0	%100
89	M88A	X	0	0	0	%100
90	M88A	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,%]
91	M90	X	0	0	0	%100
92	M90	Z	0	0	0	%100
93	MP4B	X	-.495	-.495	0	%100
94	MP4B	Z	0	0	0	%100
95	MP1B	X	-.495	-.495	0	%100
96	MP1B	Z	0	0	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	0	0	0	%100
99	M107	X	-.547	-.547	0	%100
100	M107	Z	0	0	0	%100
101	M111	X	-.547	-.547	0	%100
102	M111	Z	0	0	0	%100
103	MP3C	X	-.495	-.495	0	%100
104	MP3C	Z	0	0	0	%100
105	MP2C	X	-.495	-.495	0	%100
106	MP2C	Z	0	0	0	%100
107	MP3B	X	-.495	-.495	0	%100
108	MP3B	Z	0	0	0	%100
109	MP2B	X	-.495	-.495	0	%100
110	MP2B	Z	0	0	0	%100
111	M123	X	-.601	-.601	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	-.601	-.601	0	%100
116	M125	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	M20	X	-.158	-.158	0	%100
2	M20	Z	-.091	-.091	0	%100
3	M72A	X	-.519	-.519	0	%100
4	M72A	Z	-.3	-.3	0	%100
5	M73	X	-.148	-.148	0	%100
6	M73	Z	-.085	-.085	0	%100
7	M74	X	-.148	-.148	0	%100
8	M74	Z	-.085	-.085	0	%100
9	M75	X	-.271	-.271	0	%100
10	M75	Z	-.156	-.156	0	%100
11	M78	X	-.134	-.134	0	%100
12	M78	Z	-.078	-.078	0	%100
13	M79	X	-.581	-.581	0	%100
14	M79	Z	-.335	-.335	0	%100
15	M84	X	-.817	-.817	0	%100
16	M84	Z	-.472	-.472	0	%100
17	M85	X	-1.103	-1.103	0	%100
18	M85	Z	-.637	-.637	0	%100
19	M87A	X	-1.143	-1.143	0	%100
20	M87A	Z	-.66	-.66	0	%100
21	M89A	X	-.817	-.817	0	%100
22	M89A	Z	-.472	-.472	0	%100
23	M90A	X	-.276	-.276	0	%100
24	M90A	Z	-.159	-.159	0	%100
25	M92	X	-.286	-.286	0	%100
26	M92	Z	-.165	-.165	0	%100
27	MP4A	X	-.429	-.429	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,%]
28	MP4A	Z	-.247	-.247	0	%100
29	MP3A	X	-.429	-.429	0	%100
30	MP3A	Z	-.247	-.247	0	%100
31	MP2A	X	-.429	-.429	0	%100
32	MP2A	Z	-.247	-.247	0	%100
33	MP1A	X	-.429	-.429	0	%100
34	MP1A	Z	-.247	-.247	0	%100
35	OVP	X	-.35	-.35	0	%100
36	OVP	Z	-.202	-.202	0	%100
37	M36	X	-.158	-.158	0	%100
38	M36	Z	-.091	-.091	0	%100
39	M37	X	-.519	-.519	0	%100
40	M37	Z	-.3	-.3	0	%100
41	M38	X	-.148	-.148	0	%100
42	M38	Z	-.085	-.085	0	%100
43	M39	X	-.148	-.148	0	%100
44	M39	Z	-.085	-.085	0	%100
45	M40	X	-.271	-.271	0	%100
46	M40	Z	-.156	-.156	0	%100
47	M43	X	-.58	-.58	0	%100
48	M43	Z	-.335	-.335	0	%100
49	M44	X	-.134	-.134	0	%100
50	M44	Z	-.078	-.078	0	%100
51	M49	X	-.817	-.817	0	%100
52	M49	Z	-.472	-.472	0	%100
53	M50	X	-.276	-.276	0	%100
54	M50	Z	-.159	-.159	0	%100
55	M52	X	-.286	-.286	0	%100
56	M52	Z	-.165	-.165	0	%100
57	M54	X	-.817	-.817	0	%100
58	M54	Z	-.472	-.472	0	%100
59	M55	X	-1.103	-1.103	0	%100
60	M55	Z	-.637	-.637	0	%100
61	M57	X	-1.143	-1.143	0	%100
62	M57	Z	-.66	-.66	0	%100
63	MP4C	X	-.429	-.429	0	%100
64	MP4C	Z	-.247	-.247	0	%100
65	MP1C	X	-.429	-.429	0	%100
66	MP1C	Z	-.247	-.247	0	%100
67	M69	X	-.632	-.632	0	%100
68	M69	Z	-.365	-.365	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	-.591	-.591	0	%100
72	M71	Z	-.341	-.341	0	%100
73	M72	X	-.591	-.591	0	%100
74	M72	Z	-.341	-.341	0	%100
75	M73A	X	-1.083	-1.083	0	%100
76	M73A	Z	-.625	-.625	0	%100
77	M76A	X	-.156	-.156	0	%100
78	M76A	Z	-.09	-.09	0	%100
79	M77B	X	-.156	-.156	0	%100
80	M77B	Z	-.09	-.09	0	%100
81	M82B	X	0	0	0	%100
82	M82B	Z	0	0	0	%100
83	M83B	X	-.276	-.276	0	%100
84	M83B	Z	-.159	-.159	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,%]
85	M85A	X	-.286	-.286	0	%100
86	M85A	Z	-.165	-.165	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	0	0	0	%100
89	M88A	X	-.276	-.276	0	%100
90	M88A	Z	-.159	-.159	0	%100
91	M90	X	-.286	-.286	0	%100
92	M90	Z	-.165	-.165	0	%100
93	MP4B	X	-.429	-.429	0	%100
94	MP4B	Z	-.247	-.247	0	%100
95	MP1B	X	-.429	-.429	0	%100
96	MP1B	Z	-.247	-.247	0	%100
97	M102	X	-.158	-.158	0	%100
98	M102	Z	-.091	-.091	0	%100
99	M107	X	-.158	-.158	0	%100
100	M107	Z	-.091	-.091	0	%100
101	M111	X	-.632	-.632	0	%100
102	M111	Z	-.365	-.365	0	%100
103	MP3C	X	-.429	-.429	0	%100
104	MP3C	Z	-.247	-.247	0	%100
105	MP2C	X	-.429	-.429	0	%100
106	MP2C	Z	-.247	-.247	0	%100
107	MP3B	X	-.429	-.429	0	%100
108	MP3B	Z	-.247	-.247	0	%100
109	MP2B	X	-.429	-.429	0	%100
110	MP2B	Z	-.247	-.247	0	%100
111	M123	X	-.173	-.173	0	%100
112	M123	Z	-.1	-.1	0	%100
113	M124	X	-.173	-.173	0	%100
114	M124	Z	-.1	-.1	0	%100
115	M125	X	-.693	-.693	0	%100
116	M125	Z	-.4	-.4	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	M20	X	-.273	-.273	0	%100
2	M20	Z	-.474	-.474	0	%100
3	M72A	X	-.1	-.1	0	%100
4	M72A	Z	-.173	-.173	0	%100
5	M73	X	-.256	-.256	0	%100
6	M73	Z	-.443	-.443	0	%100
7	M74	X	-.256	-.256	0	%100
8	M74	Z	-.443	-.443	0	%100
9	M75	X	-.469	-.469	0	%100
10	M75	Z	-.812	-.812	0	%100
11	M78	X	-.000159	-.000159	0	%100
12	M78	Z	-.000276	-.000276	0	%100
13	M79	X	-.258	-.258	0	%100
14	M79	Z	-.446	-.446	0	%100
15	M84	X	-.157	-.157	0	%100
16	M84	Z	-.272	-.272	0	%100
17	M85	X	-.477	-.477	0	%100
18	M85	Z	-.827	-.827	0	%100
19	M87A	X	-.495	-.495	0	%100
20	M87A	Z	-.857	-.857	0	%100
21	M89A	X	-.157	-.157	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,%]
22	M89A	Z	-.272	-.272	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	0	0	0	%100
27	MP4A	X	-.247	-.247	0	%100
28	MP4A	Z	-.429	-.429	0	%100
29	MP3A	X	-.247	-.247	0	%100
30	MP3A	Z	-.429	-.429	0	%100
31	MP2A	X	-.247	-.247	0	%100
32	MP2A	Z	-.429	-.429	0	%100
33	MP1A	X	-.247	-.247	0	%100
34	MP1A	Z	-.429	-.429	0	%100
35	OVP	X	-.202	-.202	0	%100
36	OVP	Z	-.35	-.35	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	-.399	-.399	0	%100
40	M37	Z	-.692	-.692	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M43	X	-.245	-.245	0	%100
48	M43	Z	-.424	-.424	0	%100
49	M44	X	-.245	-.245	0	%100
50	M44	Z	-.425	-.425	0	%100
51	M49	X	-.629	-.629	0	%100
52	M49	Z	-1.089	-1.089	0	%100
53	M50	X	-.477	-.477	0	%100
54	M50	Z	-.827	-.827	0	%100
55	M52	X	-.495	-.495	0	%100
56	M52	Z	-.857	-.857	0	%100
57	M54	X	-.629	-.629	0	%100
58	M54	Z	-1.089	-1.089	0	%100
59	M55	X	-.477	-.477	0	%100
60	M55	Z	-.827	-.827	0	%100
61	M57	X	-.495	-.495	0	%100
62	M57	Z	-.857	-.857	0	%100
63	MP4C	X	-.247	-.247	0	%100
64	MP4C	Z	-.429	-.429	0	%100
65	MP1C	X	-.247	-.247	0	%100
66	MP1C	Z	-.429	-.429	0	%100
67	M69	X	-.273	-.273	0	%100
68	M69	Z	-.474	-.474	0	%100
69	M70	X	-.1	-.1	0	%100
70	M70	Z	-.173	-.173	0	%100
71	M71	X	-.256	-.256	0	%100
72	M71	Z	-.443	-.443	0	%100
73	M72	X	-.256	-.256	0	%100
74	M72	Z	-.443	-.443	0	%100
75	M73A	X	-.469	-.469	0	%100
76	M73A	Z	-.812	-.812	0	%100
77	M76A	X	-.258	-.258	0	%100
78	M76A	Z	-.446	-.446	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,%]
79	M77B	X	-.000159	-.000159	0	%100
80	M77B	Z	-.000276	-.000276	0	%100
81	M82B	X	-.157	-.157	0	%100
82	M82B	Z	-.272	-.272	0	%100
83	M83B	X	0	0	0	%100
84	M83B	Z	0	0	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	-.157	-.157	0	%100
88	M87	Z	-.272	-.272	0	%100
89	M88A	X	-.477	-.477	0	%100
90	M88A	Z	-.827	-.827	0	%100
91	M90	X	-.495	-.495	0	%100
92	M90	Z	-.857	-.857	0	%100
93	MP4B	X	-.247	-.247	0	%100
94	MP4B	Z	-.429	-.429	0	%100
95	MP1B	X	-.247	-.247	0	%100
96	MP1B	Z	-.429	-.429	0	%100
97	M102	X	-.273	-.273	0	%100
98	M102	Z	-.474	-.474	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	0	0	0	%100
101	M111	X	-.273	-.273	0	%100
102	M111	Z	-.474	-.474	0	%100
103	MP3C	X	-.247	-.247	0	%100
104	MP3C	Z	-.429	-.429	0	%100
105	MP2C	X	-.247	-.247	0	%100
106	MP2C	Z	-.429	-.429	0	%100
107	MP3B	X	-.247	-.247	0	%100
108	MP3B	Z	-.429	-.429	0	%100
109	MP2B	X	-.247	-.247	0	%100
110	MP2B	Z	-.429	-.429	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-.3	-.3	0	%100
114	M124	Z	-.52	-.52	0	%100
115	M125	X	-.3	-.3	0	%100
116	M125	Z	-.52	-.52	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M78	Y	-2.081	-4.591	0	.764
2	M78	Y	-4.591	-6.061	.764	1.529
3	M78	Y	-6.061	-7.522	1.529	2.293
4	M78	Y	-7.522	-7.15	2.293	3.058
5	M78	Y	-7.15	-3.914	3.058	3.822
6	M79	Y	-3.887	-7.063	0	.765
7	M79	Y	-7.063	-7.365	.765	1.529
8	M79	Y	-7.365	-5.727	1.529	2.294
9	M79	Y	-5.727	-4.344	2.294	3.059
10	M79	Y	-4.344	-2.28	3.059	3.823
11	M76A	Y	-2.084	-4.593	0	.764
12	M76A	Y	-4.593	-6.065	.764	1.529
13	M76A	Y	-6.065	-7.526	1.529	2.293
14	M76A	Y	-7.526	-7.148	2.293	3.058
15	M76A	Y	-7.148	-3.906	3.058	3.822

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M77B	Y	-3.886	-7.064	0	.765
17	M77B	Y	-7.064	-7.366	.765	1.529
18	M77B	Y	-7.366	-5.727	1.529	2.294
19	M77B	Y	-5.727	-4.342	2.294	3.059
20	M77B	Y	-4.342	-2.276	3.059	3.823
21	M43	Y	-2.084	-4.593	0	.764
22	M43	Y	-4.593	-6.065	.764	1.529
23	M43	Y	-6.065	-7.526	1.529	2.293
24	M43	Y	-7.526	-7.148	2.293	3.058
25	M43	Y	-7.148	-3.906	3.058	3.822
26	M44	Y	-3.886	-7.064	0	.765
27	M44	Y	-7.064	-7.366	.765	1.529
28	M44	Y	-7.366	-5.727	1.529	2.294
29	M44	Y	-5.727	-4.342	2.294	3.059
30	M44	Y	-4.342	-2.276	3.059	3.823

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M78	Y	-5.411	-11.938	0	.764
2	M78	Y	-11.938	-15.759	.764	1.529
3	M78	Y	-15.759	-19.558	1.529	2.293
4	M78	Y	-19.558	-18.591	2.293	3.058
5	M78	Y	-18.591	-10.177	3.058	3.822
6	M79	Y	-10.106	-18.364	0	.765
7	M79	Y	-18.364	-19.15	.765	1.529
8	M79	Y	-19.15	-14.891	1.529	2.294
9	M79	Y	-14.891	-11.293	2.294	3.059
10	M79	Y	-11.293	-5.928	3.059	3.823
11	M76A	Y	-5.417	-11.943	0	.764
12	M76A	Y	-11.943	-15.769	.764	1.529
13	M76A	Y	-15.769	-19.566	1.529	2.293
14	M76A	Y	-19.566	-18.584	2.293	3.058
15	M76A	Y	-18.584	-10.155	3.058	3.822
16	M77B	Y	-10.105	-18.365	0	.765
17	M77B	Y	-18.365	-19.15	.765	1.529
18	M77B	Y	-19.15	-14.89	1.529	2.294
19	M77B	Y	-14.89	-11.289	2.294	3.059
20	M77B	Y	-11.289	-5.918	3.059	3.823
21	M43	Y	-5.417	-11.943	0	.764
22	M43	Y	-11.943	-15.769	.764	1.529
23	M43	Y	-15.769	-19.566	1.529	2.293
24	M43	Y	-19.566	-18.584	2.293	3.058
25	M43	Y	-18.584	-10.155	3.058	3.822
26	M44	Y	-10.105	-18.365	0	.765
27	M44	Y	-18.365	-19.15	.765	1.529
28	M44	Y	-19.15	-14.89	1.529	2.294
29	M44	Y	-14.89	-11.289	2.294	3.059
30	M44	Y	-11.289	-5.918	3.059	3.823

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N116A	N117	N122	N121	Y	Two Way	-.005
2	N105	N104	N108	N109	Y	Two Way	-.005
3	N59	N58	N62	N63	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N116A	N117	N122	N121	Y	Two Way	-.013
2	N105	N104	N108	N109	Y	Two Way	-.013
3	N59	N58	N62	N63	Y	Two Way	-.013

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [lb-ft]	LC	MY [lb-ft]	LC	MZ [lb-ft]	LC
1	N112A	max	1146.069	10	2528.832	13	2477.253	1	6843.697	13	2125.176	4	152.156	4
2		min	-1147.912	4	585.681	7	-2719.962	7	744.615	7	-2126.068	10	-150.077	10
3	N54	max	1891.366	9	2372.665	21	1516.455	1	-445.945	3	2154.206	12	-699.618	3
4		min	-2101.014	3	548.498	3	-1394.491	7	-3276.149	21	-2155.41	6	-5689.844	21
5	N100	max	2159.229	11	2375.277	17	1388.612	12	-382.275	11	1870.463	8	5696.071	17
6		min	-1948.425	5	550.591	11	-1265.826	6	-3371.547	29	-1871.236	2	742.501	11
7	Totals:	max	5043.19	10	6954.252	20	5365.866	1						
8		min	-5043.189	4	3132.632	2	-5365.867	7						

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

	Member	Shape	Code Check	Loc[...	LC	Shear Check	Loc[ft]	Dir	LC	phi*Pnc...	phi*Pnt ...	phi*Mn ...	phi*Mn ...	Cb	Eqn
1	M20	PIPE_3.0	.205	4.083	18	.079	9.917		7	22812.1...	65205	5748.75	5748.75	2...	H1-1b
2	M72A	HSS4X4X4	.427	0	15	.068	0	y	14	116105....	139518	16180.5	16180.5	2...	H1-1b
3	M73	HSS4X4X3	.251	2.406	14	.050	.251	z	8	104351....	106812	12661.5	12661.5	1...	H1-1b
4	M74	HSS4X4X3	.260	0	24	.052	2.156	z	6	104351....	106812	12661.5	12661.5	1...	H1-1b
5	M75	PL1/2x6	.074	.547	7	.066	0	y	23	62895.0...	97200	1012.5	12150	1...	H1-1b
6	M78	L2x2x3	.156	3.822	2	.015	0	y	16	11253.0...	23392.8	557.717	1104.715	1...	H2-1
7	M79	L2x2x3	.158	3.823	12	.017	3.823	y	22	11247.1...	23392.8	557.717	1105.899	1...	H2-1
8	M84	PL3/8x6	.207	0	10	.431	0	y	20	71260.7...	72900	569.533	9112.5	1...	H1-1b
9	M85	PL3/8x6	.136	0	5	.126	0	y	13	71601.7...	72900	569.533	9112.5	1...	H1-1b
10	M87A	PL1/2x6	.030	.125	2	.080	.125	y	22	96648.9...	97200	1012.5	12150	1...	H1-1b
11	M89A	PL3/8x6	.273	0	10	.394	0	y	18	71260.7...	72900	569.533	9112.5	1...	H1-1b
12	M90A	PL3/8x6	.165	0	10	.121	0	y	13	71601.7...	72900	569.533	9112.5	1...	H1-1b
13	M92	PL1/2x6	.031	.125	6	.057	.125	y	4	96648.9...	97200	1012.5	12150	1...	H1-1b
14	MP4A	PIPE_2.0	.323	3.625	5	.081	3.625		6	20866.7...	32130	1871.625	1871.625	1...	H1-1b
15	MP3A	PIPE_2.0	.269	3.625	5	.050	3.625		3	20866.7...	32130	1871.625	1871.625	2...	H1-1b
16	MP2A	PIPE_2.0	.314	3.625	9	.060	3.625		9	20866.7...	32130	1871.625	1871.625	1...	H1-1b
17	MP1A	PIPE_2.0	.365	3.625	9	.084	3.625		8	20866.7...	32130	1871.625	1871.625	1...	H1-1b
18	OVP	PIPE_2.0	.084	2	4	.016	2		10	28843.4...	32130	1871.625	1871.625	2...	H1-1b
19	M36	PIPE_3.0	.205	4.083	14	.079	9.917		3	22812.1...	65205	5748.75	5748.75	2...	H1-1b
20	M37	HSS4X4X4	.412	0	19	.070	0	y	44	116105....	139518	16180.5	16180.5	2...	H1-1b
21	M38	HSS4X4X3	.251	2.406	22	.046	.251	z	4	104351....	106812	12661.5	12661.5	1...	H1-1b
22	M39	HSS4X4X3	.259	0	20	.052	2.156	z	2	104351....	106812	12661.5	12661.5	1...	H1-1b
23	M40	PL1/2x6	.071	.547	4	.068	0	y	7	62895.0...	97200	1012.5	12150	1...	H1-1b
24	M43	L2x2x3	.146	0	10	.015	0	y	24	11253.0...	23392.8	557.717	1104.709	1...	H2-1
25	M44	L2x2x3	.159	3.823	8	.017	3.823	y	18	11247.1...	23392.8	557.717	1105.911	1...	H2-1
26	M49	PL3/8x6	.268	0	6	.427	0	y	17	71260.7...	72900	569.533	9112.5	1...	H1-1b
27	M50	PL3/8x6	.161	0	6	.125	0	y	20	71601.7...	72900	569.533	9112.5	1...	H1-1b
28	M52	PL1/2x6	.028	.125	10	.081	.125	y	6	96648.9...	97200	1012.5	12150	1...	H1-1b
29	M54	PL3/8x6	.290	0	6	.395	0	y	13	71260.7...	72900	569.533	9112.5	1...	H1-1b
30	M55	PL3/8x6	.172	0	6	.121	0	y	21	71601.7...	72900	569.533	9112.5	1...	H1-1b
31	M57	PL1/2x6	.031	.125	2	.061	.125	y	12	96648.9...	97200	1012.5	12150	1...	H1-1b
32	MP4C	PIPE_2.0	.330	3.625	1	.079	3.625		2	20866.7...	32130	1871.625	1871.625	2...	H1-1b
33	MP1C	PIPE_2.0	.365	3.625	5	.083	3.625		4	20866.7...	32130	1871.625	1871.625	1...	H1-1b
34	M69	PIPE_3.0	.205	4.083	22	.079	9.917		12	22812.1...	65205	5748.75	5748.75	2...	H1-1b
35	M70	HSS4X4X4	.410	0	15	.081	0	y	42	116105....	139518	16180.5	16180.5	2...	H1-1b
36	M71	HSS4X4X3	.251	2.406	18	.050	.251	z	12	104351....	106812	12661.5	12661.5	1...	H1-1b
37	M72	HSS4X4X3	.260	0	16	.052	2.156	z	10	104351....	106812	12661.5	12661.5	1...	H1-1b

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

	Member	Shape	Code Check	Loc[...	LC	Shear Check	Loc[ft]	Dir	LC	phi*Pnc...	phi*Pnt ...	phi*Mn ...	phi*Mn ...	Cb	Eqn
38	M73A	PL1/2x6	.073	.547	12	.093	0	y	27	62895.0...	97200	1012.5	12150	1...	H1-1b
39	M76A	L2x2x3	.156	3.822	6	.015	0	y	20	11253.0...	23392.8	557.717	1104.709	1...	H2-1
40	M77B	L2x2x3	.157	3.823	4	.017	3.823	y	14	11247.1...	23392.8	557.717	1105.911	1...	H2-1
41	M82B	PL3/8x6	.234	0	2	.430	0	y	13	71260.7...	72900	569.533	9112.5	1...	H1-1b
42	M83B	PL3/8x6	.153	0	9	.125	0	y	16	71601.7...	72900	569.533	9112.5	1...	H1-1b
43	M85A	PL1/2x6	.030	.125	6	.103	.125	y	26	96648.9...	97200	1012.5	12150	1...	H1-1b
44	M87	PL3/8x6	.252	0	2	.393	0	y	22	71260.7...	72900	569.533	9112.5	1...	H1-1b
45	M88A	PL3/8x6	.155	0	2	.121	0	y	17	71601.7...	72900	569.533	9112.5	1...	H1-1b
46	M90	PL1/2x6	.030	.125	10	.079	0	y	26	96648.9...	97200	1012.5	12150	1...	H1-1b
47	MP4B	PIPE_2.0	.318	3.625	9	.075	3.625		10	20866.7...	32130	1871.625	1871.625	1...	H1-1b
48	MP1B	PIPE_2.0	.385	3.625	1	.087	3.625		12	20866.7...	32130	1871.625	1871.625	2...	H1-1b
49	M102	PIPE_3.0	.117	9.333	18	.042	1.896		12	22812.1...	65205	5748.75	5748.75	2...	H1-1b
50	M107	PIPE_3.0	.119	9.333	14	.040	5.833		7	22812.1...	65205	5748.75	5748.75	2...	H1-1b
51	M111	PIPE_3.0	.118	9.333	22	.044	9.333		1	22812.1...	65205	5748.75	5748.75	2...	H1-1b
52	MP3C	PIPE_2.0	.273	3.625	1	.050	3.625		11	20866.7...	32130	1871.625	1871.625	2...	H1-1b
53	MP2C	PIPE_2.0	.320	3.625	6	.060	3.625		5	20866.7...	32130	1871.625	1871.625	1...	H1-1b
54	MP3B	PIPE_2.0	.277	3.625	8	.055	3.625		7	20866.7...	32130	1871.625	1871.625	2...	H1-1b
55	MP2B	PIPE_2.0	.345	3.625	1	.066	3.625		1	20866.7...	32130	1871.625	1871.625	2...	H1-1b
56	M123	L3X3X4	.255	0	11	.023	.145	y	12	39318.6...	46656	1688.138	3755.745	2...	H2-1
57	M124	L3X3X4	.266	0	3	.022	0	y	3	39318.6...	46656	1688.138	3755.745	2...	H2-1
58	M125	L3X3X4	.275	0	7	.023	0	y	8	39318.6...	46656	1688.138	3755.745	2...	H2-1

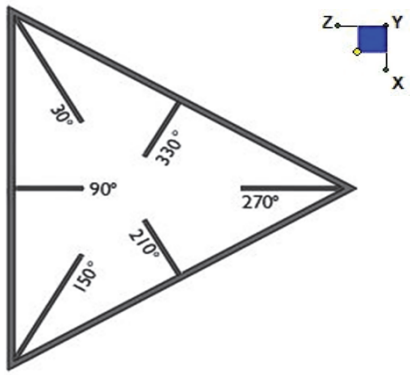
Client:	Verizon Wireless	Date:	10/25/2021
Site Name:	Madison 3 CT		
Project No.	21781064A		
Title:	Mount Fix	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

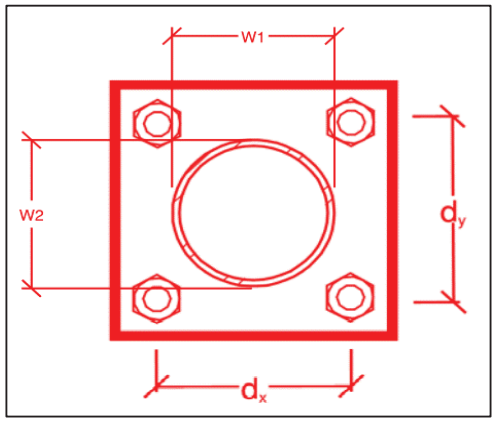
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N54	30
N100	150
N112A	270



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:	yes
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	6
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	6
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength (kips):	27.6
Required Shear Strength (kips):	3.7
Tensile Strength / bolt (kips):	20.7
Shear Strength / bolt (kips):	12.4
Tensile Capacity Overall:	**33.4%***
Shear Capacity Overall:	**7.5%**



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

Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:	Rect
Plate Width (in):	8
Plate Height (in):	8
W1 (in):	4
W2 (in):	4
Fy (ksi, plate):	36
t_{Plate} (in):	0.75
Weld Size (1/16 in):	4
Phi*Rn (kip/in):	5.57
Required Weld Strength (kip/in):	3.87
Plate Bending Capacity:	**38.1%**
Weld Capacity:	**69.5%**

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	13.8
Phi*Mn_{xx} *(kip-in)* :	36.5
Mu_{yy} *(kip-in)* :	0.1
Phi*Mn_{yy} *(kip-in)* :	36.5

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Mount Modification

Electronic pdf version of this can be downloaded at https://pmi.vzwsmart.com
For additional questions and support, please reach out to pmisupport@colliersengineering.com

---

Purpose – to upload the proper documentation to the SMART Tool in order to allow the SMART Tool engineering vendor 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:

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

Photo Requirements:

- *Photos taken at ground level*
  - Photo of Gate Signs showing the tower owner, site name, and number.
  - Overall tower structure after installation of the modifications.
  - Photos of the mount 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 the safety climb wire rope above and below the mount prior to modification.
  - Photos showing the climbing facility and safety climb if present.
  - Photos showing each individual sector after installation of modifications. Each entire sector must be in one photo to show the interconnection of members.

        - These photos shall also certify that the placement and geometry of the equipment on the mount is as depicted in the antenna placement diagram in this form.
    - Photos that show the model number of each antenna and piece of equipment installed per sector.
    - Photos of each installed modification per the modification drawings; pictures shall also include connection hardware (U-bolts, bolts, nuts, all-threaded rods, etc.)
    - Photos showing the distances (relative distance between collars) of the installed modifications from the appropriate reference locations shown in the modification drawings.
    - Photos showing the installed modifications onto the tower (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, an elevation measurement shall be provided before the elevation change.

Material Certification:

- Materials utilized must be as per specification on the drawings or the equivalent as validated by the SMART Tool vendor.
    - If the materials are as specified on the drawings
        - The contractor shall provide the packing list, or the materials certifications for the materials utilized to perform the mount modification
        - Commscope, Metrosite, Perfect Vision, Sabre, and Site Pro have all agreed to support Verizon vendors with the necessary material certifications
    - If seeking permission to use an equivalent
        - It is required that the SMART Tool engineering vendor approval of such is included in the contractor submission package. There may be an additional charge for approval if the equivalent submission doesn't meet specifications as prescribed in the drawings.

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

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

OR

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

Antenna & equipment placement and Geometry Confirmation:

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

OR

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

Comments:

Certifying Individual:

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

Was the mount modification completed in conjunction with the equipment change / installation?

☐ Yes ☐ No

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

Issue:

Contractor shall install proposed OVP unit onto new equipment pipe connected to the existing standoff horizontal between the Beta and Gamma sector as detailed in the Mount Modification Drawings.

Response:

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

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

Comments:

Structure: 468184-VZW - MADISON 3 CT

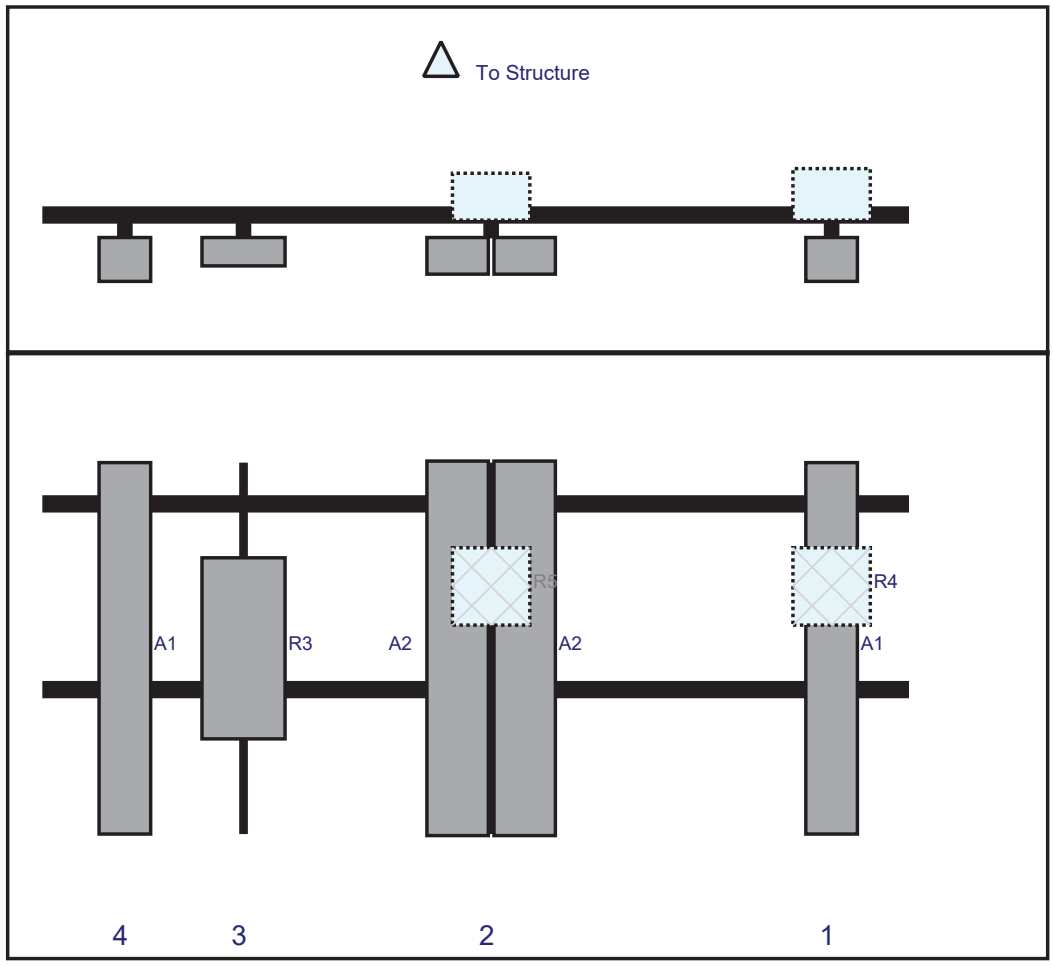
Sector: **A** 10/25/2021

Structure Type: Monopole 10111993

Mount Elev: 129.00 Page: 1

Plan View

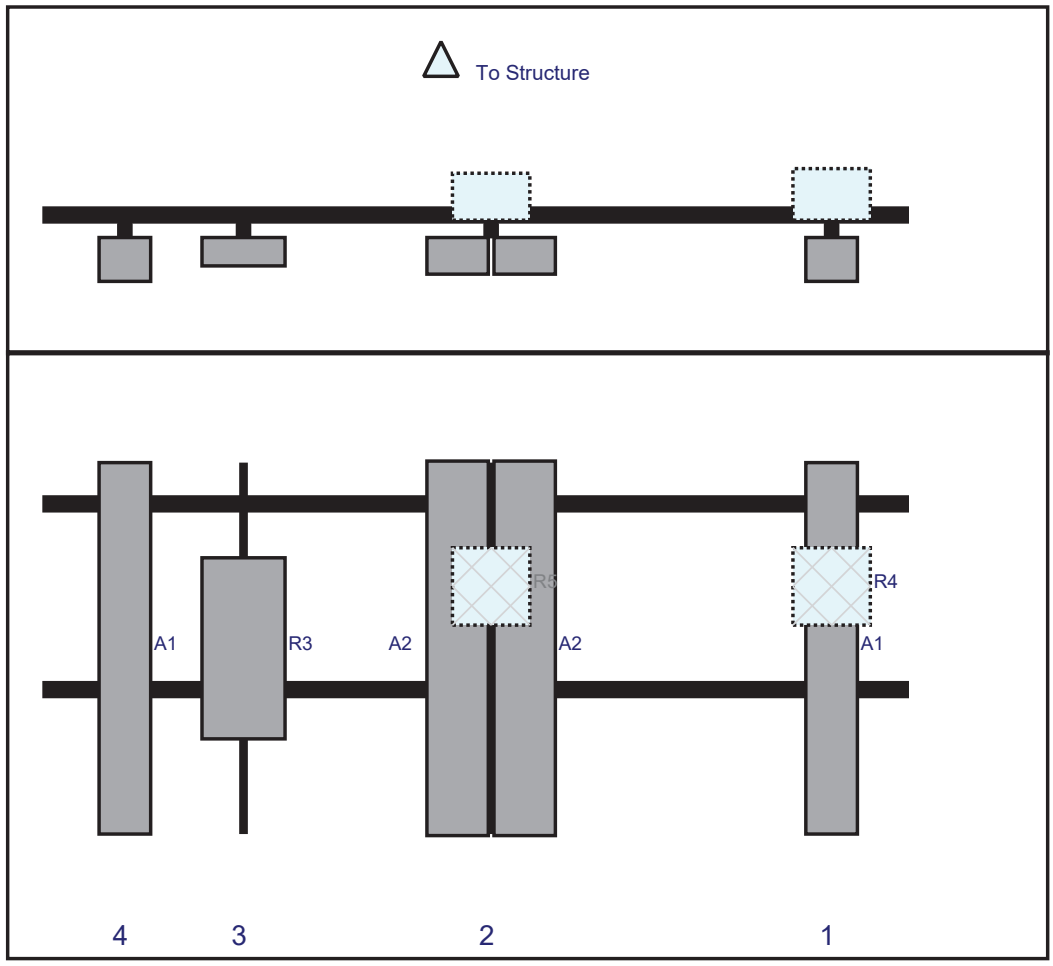
Front View
Looking at Structure



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
A1	DB846F65ZAXY	72	10	153	1	a	Front	36	0	Retained	06/15/2021
R4	RF4439d-25A	15	15	153	1	a	Behind	24	0	Added	
A2	SBNHH-1D65B	72.6	11.9	87	2	a	Front	36	6.5	Removed	06/15/2021
A2	SBNHH-1D65B	72.6	11.9	87	2	b	Front	36	-6.5	Removed	06/15/2021
R5	RF4440d-13A	15	15	87	2	a	Behind	24	0	Added	
R3	MT6407-77A	35.1	16.1	39	3	a	Front	36	0	Added	
A1	DB846F65ZAXY	72	10	16	4	a	Front	36	0	Retained	06/15/2021

Plan View

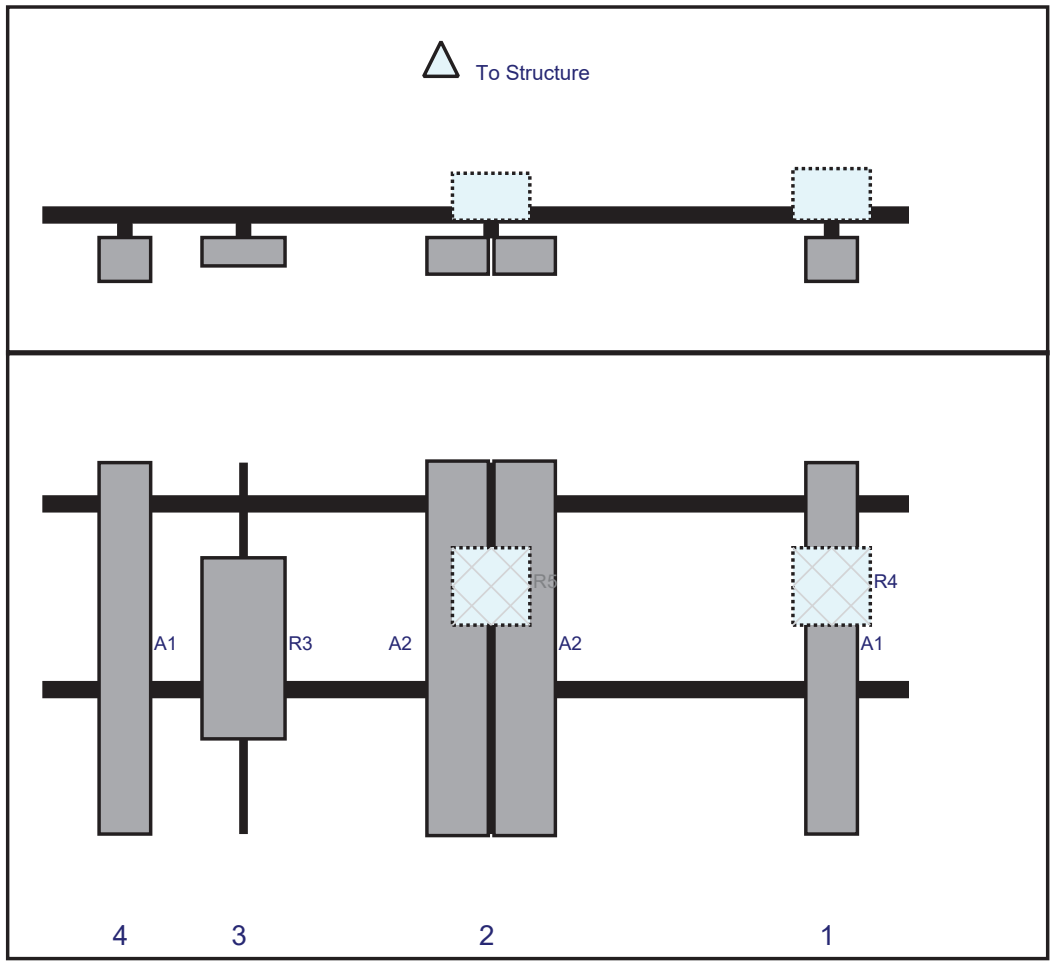
Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A1	DB846F65ZAXY	72	10	153	1	a	Front	36	0	Retained	06/15/2021
R4	RF4439d-25A	15	15	153	1	a	Behind	24	0	Added	
A2	SBNHH-1D65B	72.6	11.9	87	2	a	Front	36	6.5	Removed	06/15/2021
A2	SBNHH-1D65B	72.6	11.9	87	2	b	Front	36	-6.5	Removed	06/15/2021
R5	RF4440d-13A	15	15	87	2	a	Behind	24	0	Added	
R3	MT6407-77A	35.1	16.1	39	3	a	Front	36	0	Added	
A1	DB846F65ZAXY	72	10	16	4	a	Front	36	0	Retained	06/15/2021

Plan View

Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A1	DB846F65ZAXY	72	10	153	1	a	Front	36	0	Retained	06/15/2021
R4	RF4439d-25A	15	15	153	1	a	Behind	24	0	Added	
A2	SBNHH-1D65B	72.6	11.9	87	2	a	Front	36	6.5	Removed	06/15/2021
A2	SBNHH-1D65B	72.6	11.9	87	2	b	Front	36	-6.5	Removed	06/15/2021
R5	RF4440d-13A	15	15	87	2	a	Behind	24	0	Added	
R3	MT6407-77A	35.1	16.1	39	3	a	Front	36	0	Added	
A1	DB846F65ZAXY	72	10	16	4	a	Front	36	0	Retained	06/15/2021

Maser Consulting Connecticut

Subject	TIA-222-H Usage	
Site Information	*Site ID:*	*468184-VZW / MADISON 3 CT*
	Site Name:	*MADISON 3 CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*252 Ridge Rd* *Madison, Connecticut 06433* *New Haven County*
	Latitude:	*41.309250°*
	Longitude:	*-72.614325°*
Structure Information	*Tower Type:*	*150-Ft Monopole*
	Mount Type:	*14.00-Ft Platform*
	FUZE ID # 16486462	

To Whom It May Concern,

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

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

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

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

Sincerely,

Digitally signed by Justin Linette
Date: 2021.10.29 07:48:39-04'00'

Justin Linette, PE
Senior Technical Manager

Exhibit F

Power Density/RF Emissions Report

Site Name: ***MADISON 3 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	705	2820	130	0.0060	0.5007	1.20%
VZW CDMA	877.26	2	499	998	130	0.0021	0.5848	0.36%
VZW Cellular	874	4	838	3354	130	0.0071	0.5827	1.22%
VZW PCS	1975	4	1473	5891	130	0.0125	1.0000	1.25%
VZW AWS	2120	4	1599	6397	130	0.0136	1.0000	1.36%
VZW CBAND	3730.08	4	6531	26125	130	0.0556	1.0000	5.56%
Total Percentage of Maximum Permissible Exposure								10.96%

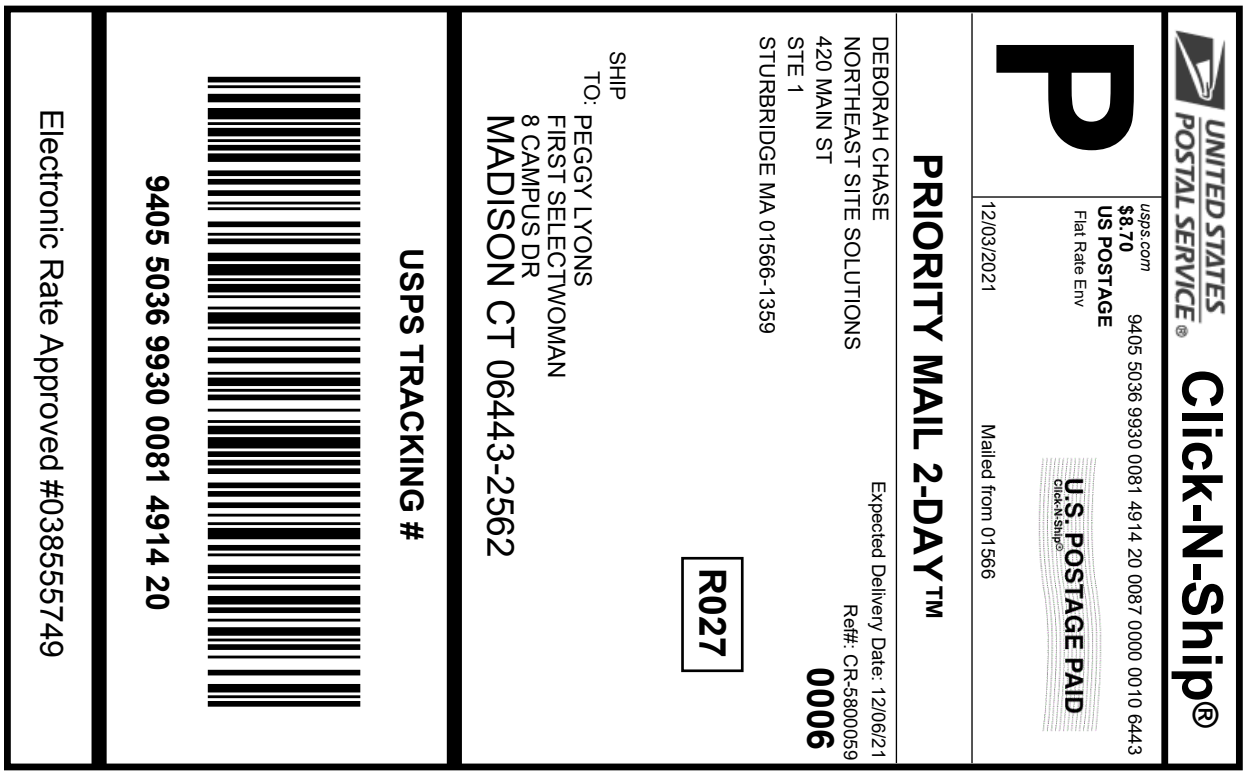
*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992
**Calculation includes a -10 dB Off Beam Antenna Pattern Adjustment pursuant to Attachments B and C of the Siting Council's November 10, 2015 Memorandum for Exempt Modification filings

MHz = Megahertz
mW/cm^2 = milliwatts per square centimeter
ERP = Effective Radiated Power

Absolute worst case maximum values used.

Exhibit F

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.**
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Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0081 4914 20

Trans. #:	549875556
Print Date:	12/03/2021
Ship Date:	12/03/2021
Expected Delivery Date:	12/06/2021

Priority Mail® Postage:	**$8.70**
Total:	**$8.70**

From: DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
420 MAIN ST
STE 1
STURBRIDGE MA 01566-1359

Ref#: CR-5800059

To: PEGGY LYONS
FIRST SELECTWOMAN
8 CAMPUS DR
MADISON CT 06443-2562

* 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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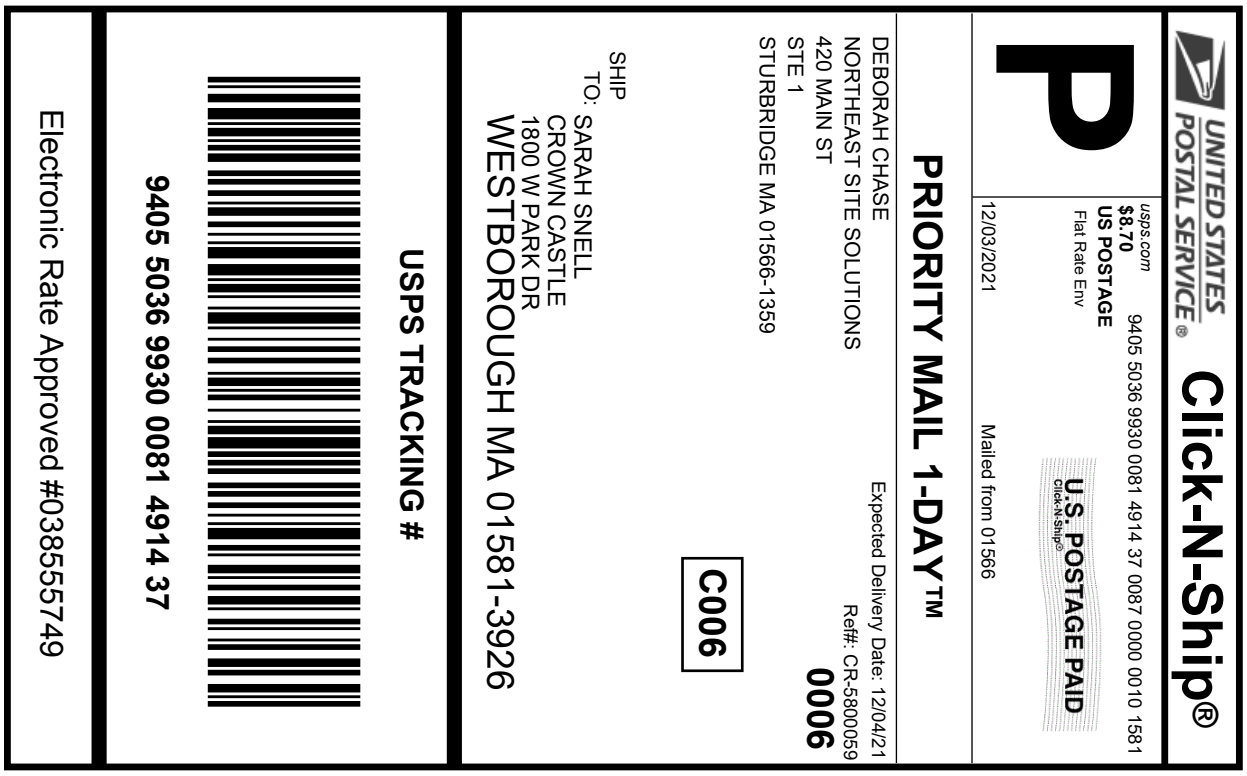

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Click-N-Ship® Label Record

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9405 5036 9930 0081 4914 37

Trans. #:	549875556
Print Date:	12/03/2021
Ship Date:	12/03/2021
Expected Delivery Date:	12/04/2021

Priority Mail® Postage:	**$8.70**
Total:	**$8.70**

From: DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
420 MAIN ST
STE 1
STURBRIDGE MA 01566-1359

Ref#: CR-5800059

To: SARAH SNELL
CROWN CASTLE
1800 W PARK DR
WESTBOROUGH MA 01581-3926

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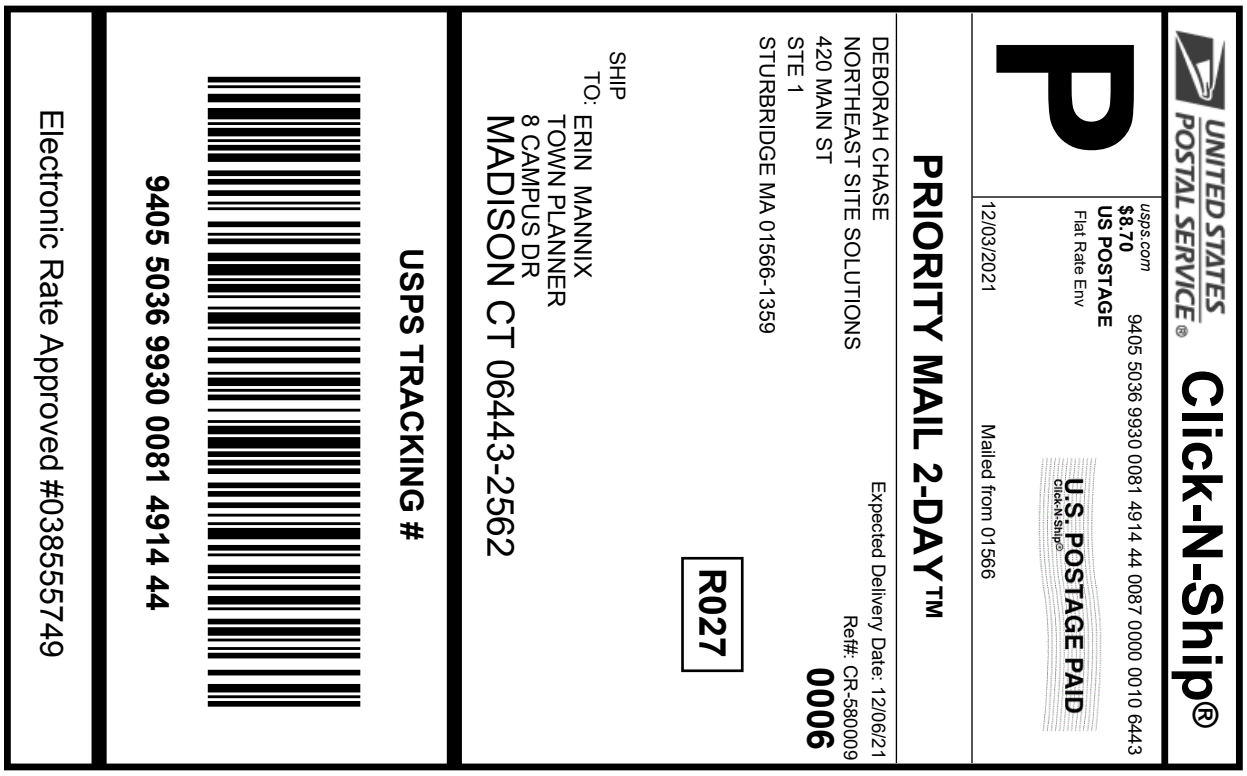

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9405 5036 9930 0081 4914 44

Trans. #:	549875556
Print Date:	12/03/2021
Ship Date:	12/03/2021
Expected Delivery Date:	12/06/2021

Priority Mail® Postage:	**$8.70**
Total:	**$8.70**

From: DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
420 MAIN ST
STE 1
STURBRIDGE MA 01566-1359

Ref#: CR-580009

To: ERIN MANNIX
TOWN PLANNER
8 CAMPUS DR
MADISON CT 06443-2562

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12/03/2021 12:44 PM

Product	Qty	Unit Price	Price
Prepaid Mail Madison, CT 06443 Weight: 0 lb 7.10 oz Acceptance Date: Fri 12/03/2021 Tracking #: 9405 5036 9930 0081 4914 20	1		$0.00
Prepaid Mail Westborough, MA 01581 Weight: 0 lb 2.00 oz Acceptance Date: Fri 12/03/2021 Tracking #: 9405 5036 9930 0081 4914 37	1		$0.00
Prepaid Mail Madison, CT 06443 Weight: 0 lb 7.10 oz Acceptance Date: Fri 12/03/2021 Tracking #: 9405 5036 9930 0081 4914 44	1		$0.00
Grand Total:			$0.00