Robinson+Cole

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Also admitted in Massachusetts
and New York

July 9, 2021

Via Electronic Mail

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

Re: **Notice of Exempt Modification – Facility Modification**
186 Black Rock Turnpike, Redding, Connecticut

Dear Attorney Bachman:

Cellco Partnership d/b/a Verizon Wireless ("Cellco") currently maintains an existing wireless telecommunications facility at the above-referenced property address (the "Property"). The facility consists of antennas and remote radio heads attached to a tower and related equipment on the ground, near the base of the tower. The tower and Cellco's shared use of the tower were approved in October 2007 (Docket No. 334). A copy of the Council's Docket No. 334 Decision and Order is included in Attachment 1.

Cellco now intends to modify its facility by removing nine (9) existing antennas and installing three (3) Samsung MT6407-77A antennas and six (6) JAHH-65B-R3B antennas on its existing antenna platform. Cellco also intends to remove six (6) of its remote radio heads ("RRHs") and install six (6) new RRHs behind its antennas. Project plans showing Cellco's proposed facility modifications and new antennas and RRHs specifications are included in Attachment 2.

Please accept this letter as notification pursuant to R.C.S.A. § 16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Redding's Chief Elected Official and Land Use Officer.

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 tower. Cellco's replacement antennas and RRHs will be installed on Cellco's existing antenna platform.

2. The proposed modifications will not involve any change to ground-mounted equipment and, therefore, 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 installation of Cellco's new antennas will not increase radio frequency (RF) emissions at the facility to a level at or above the Federal Communications Commission (FCC) safety standard. A Cumulative General Power Density table for the modified facility is included in Attachment 3. The modified facility will be capable of providing Cellco's 5G wireless service.

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

6. According to the attached Structural Analysis ("SA") and Mount Analysis ("MA"), the existing tower, tower foundation and antenna platform can support Cellco's proposed modifications. Copies of the SA and MA are included in Attachment 4.

A copy of the parcel map and Property owner information is included in Attachment 5. A Certificate of Mailing verifying that this filing was sent to municipal officials and the property owner is included in Attachment 6.

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

Sincerely,

Kenneth C. Baldwin

Enclosures
Copy to:
Julia Pemberton, Redding First Selectwoman
Aimee Pardee, Land Use Director
Redding Fire District I
Aleksey Tyurin

ATTACHMENT 1

DOCKET NO. 334 – Sprint Nextel Corporation application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a wireless telecommunications facility at 186 Black Rock Turnpike, Redding, Connecticut.	}	Connecticut Siting Council

October 16, 2007

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 Sprint Nextel Corporation, hereinafter referred to as the Certificate Holder, for a telecommunications facility at 186 Black Rock Turnpike, 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 Sprint Nextel Corporation and other entities, both public and private, but such tower shall not exceed a height of 121-feet 6-inches above ground level. The height at the top of the Certificate Holder's antennas shall not exceed 121 feet 6-inches above ground level.

2. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be served on the Town of Redding 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, water drainage, and erosion and sedimentation control 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 Redding 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 Redding. Any proposed modifications to this Decision and Order shall likewise be so served.

9. The Certificate Holder shall engineer a break point on the monopole to ensure that the tower setback radius remains within the property boundaries of the Redding Ridge Fire District.

10. 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.

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

12. To the extent reasonably feasible, the Certificate Holder shall comply with the Connecticut Department of Public Health's Best Management Practices to protect the drinking water supply.

13. 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 published in the Danbury News Times and the Redding Pilot.

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**
Sprint Nextel Corporation	Thomas J. Regan, Esq. Brown Rudnick Berlack Israels LLP CityPlace I, 38th Floor 185 Asylum Street Hartford, CT 06103-3402 (860) 509-6522 (860) 509-6501 fax Tregan@brownrudnick.com
Intervenor	**Its Representative**
Cellco Partnership d/b/a Verizon Wireless	Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103-3597 (860) 275-8200 (860) 275-8299 fax kbaldwin@rc.com

ATTACHMENT 2

VICINITY MAP

SCALE: N.T.S.

N

APPROXIMATE COORDINATES:	LATITUDE:	N41° 18' 35.77"
	LONGITUDE:	W73° 20' 51.34"

NOTE:

AN ANALYSIS OF THE CAPACITY OF THE EXISTING STRUCTURE TO SUPPORT THE PROPOSED LOADING HAS BEEN COMPLETED BY HUDSON DESIGN GROUP, LLC.
DATED: APRIL 19, 2021

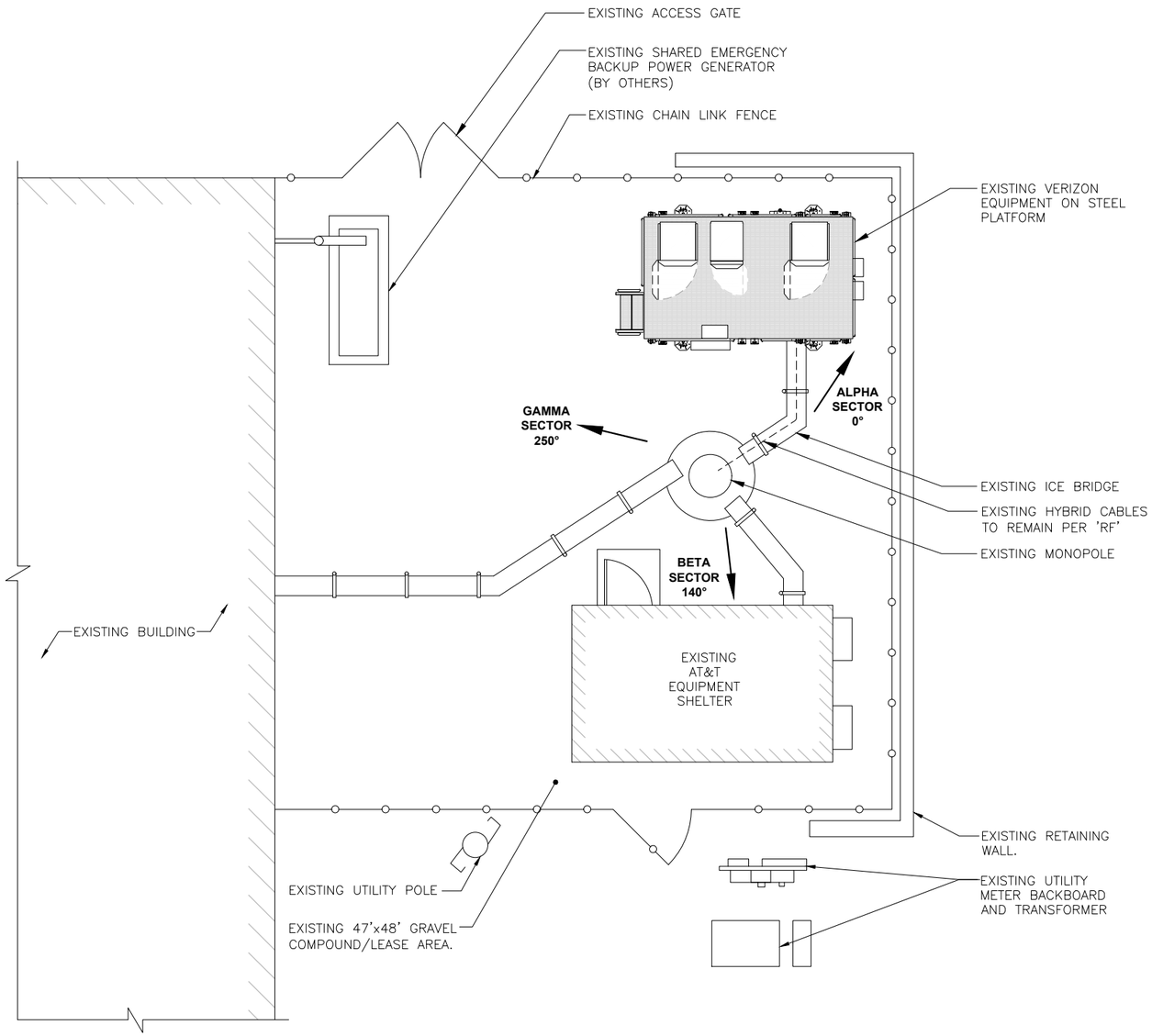
NOTE:

AN ANALYSIS FOR THE CAPACITY OF THE EXISTING ANTENNA MOUNT TO SUPPORT THE PROPOSED LOADING IS BASED UPON THE LATEST MOUNT ASSESSMENT BY MASER CONSULTING P.A.

NOTE:

PROPOSED MT6407-77A ANTENNA SIZE AND WEIGHT ARE NOT TO EXCEED:

DIMENSIONS H35.12"xW16.06"xD5.51"
WEIGHT (INCLUDING INTEGRATED RRH) 87.1 LBS



COMPOUND PLAN (1 / A-1)

22x34 SCALE: 3/16"=1'-0"
11x17 SCALE: 3/32"=1'-0"

GRAPHIC SCALE
0 2'-8" 5'-4" 10'-8" 16'-0"

FIELD INSPECTION DATE: 03-23-2021

SCOPE

1. EXISTING (9) ANTENNAS TO BE REMOVED.
   EXISTING (3) ANTENNAS TO REMAIN
   INSTALL (9) ANTENNAS PER 'RF'.
2. INSTALL (3) SIDE BY SIDE MOUNT PER 'RF'
3. INSTALL (3) DIPLEXERS PER 'RF'
4. EXISTING (6) RRHS TO BE REMOVED
   INSTALL (9) RRHS PER 'RF'.
5. EXISTING (2) JUNCTION BOXES TO REMAIN PER 'RF'.
6. EXISTING (2) HYBRID CABLES TO REMAIN PER 'RF'.
7. EXISTING (6) COAX TO REMAIN PER 'RF'.
8. ALL REPLACEMENT ANTENNAS TO MATCH EXISTING CONDITION & HEIGHTS.
9. RECONFIGURE/RELOCATE EXISTING ANTENNA MOUNTS AS NECESSARY TO ACCOMMODATE HORIZONTAL SEPARATION, PROPOSED AZIMUTHS, AND ANTENNAS CONFIGURATION.

NEW ANTENNA CONFIGURATION

NOTE TO GENERAL CONTRACTOR:

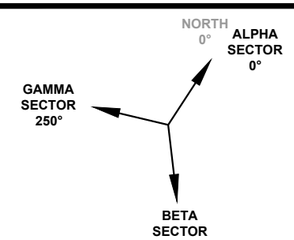
'RF' DESIGN AND EQUIPMENT IS BASED UPON **RFDS ISSUED BY VZW DATED: MARCH 18, 2021 REVISION 2.**

THE CONTRACTOR OF RECORD SHALL CONTACT VZW PRIOR TO ANY AND ALL ORDERING/PURCHASING/INSTALLATION OF EQUIPMENT TO VERIFY THAT THE 'RF' LISTED IN THE DRAWING SET IS CURRENT AND UP TO DATE.

NOTES

1. NORTH SHOWN AS APPROXIMATE.
2. SOME EXISTING & PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
3. ANTENNAS WILL BE CAMOUFLAGED WITH 3M WRAP OR SHERWIN-WILLIAMS PRO INDUSTRIAL DTM ACRYLIC PAINT, AS NEEDED, PER VERIZON WIRELESS AND BUILDING OWNER'S APPROVAL.
4. PRIOR TO COMMENCEMENT OF ANY WORK, PROPOSED ANTENNA INSTALLATION IS PURSUANT TO FINDINGS DICTATED IN STRUCTURAL ANALYSIS. STRUCTURAL ANALYSIS TO VERIFY CAPACITY OF EXISTING STRUCTURE TO ENSURE STRUCTURAL INTEGRITY FOLLOWING INSTALLATION OF PROPOSED ANTENNAS, COAX CABLES AND REQUIRED HARDWARE. COPY OF STRUCTURAL ANALYSIS TO BE SENT TO DESIGN ENGINEER.
5. CONTRACTOR SHALL FIELD VERIFY SCOPE OF WORK, VERIZON WIRELESS ANTENNA MOUNT LOCATION AND ANTENNAS TO BE INSTALLED.
6. CONTRACTOR SHALL NOTIFY ENGINEERS IF FIELD CONDITIONS DIFFER FROM DESIGN.
7. RAD CENTERS MEASURED IN THE FIELD WITH LASER BY HDG. RAD CENTERS MAY NOT MATCH RF ANTENNA DESIGN SHEET.

ANTENNA ORIENTATION



PREPARED FOR:
verizon
118 FLANDERS ROAD
WESTBOROUGH, MA 01581

HUDSON Design Group LLC
45 BEECHWOOD DRIVE
N. ANDOVER, MA 01845
TEL: (978) 557-5553
FAX: (978) 336-5586

STATE OF CONNECTICUT
DANIEL P. HAMM
No. 24178
LICENSED PROFESSIONAL ENGINEER

Daniel P. Hamm

CONSTRUCTION DRAWINGS ARE VALID FOR SIX MONTHS AFTER ENGINEER OF RECORD'S STAMPED AND SIGNED SUBMITTAL DATE LISTED HEREIN

CHECKED BY: JX

APPROVED BY: DPH

SUBMITTALS

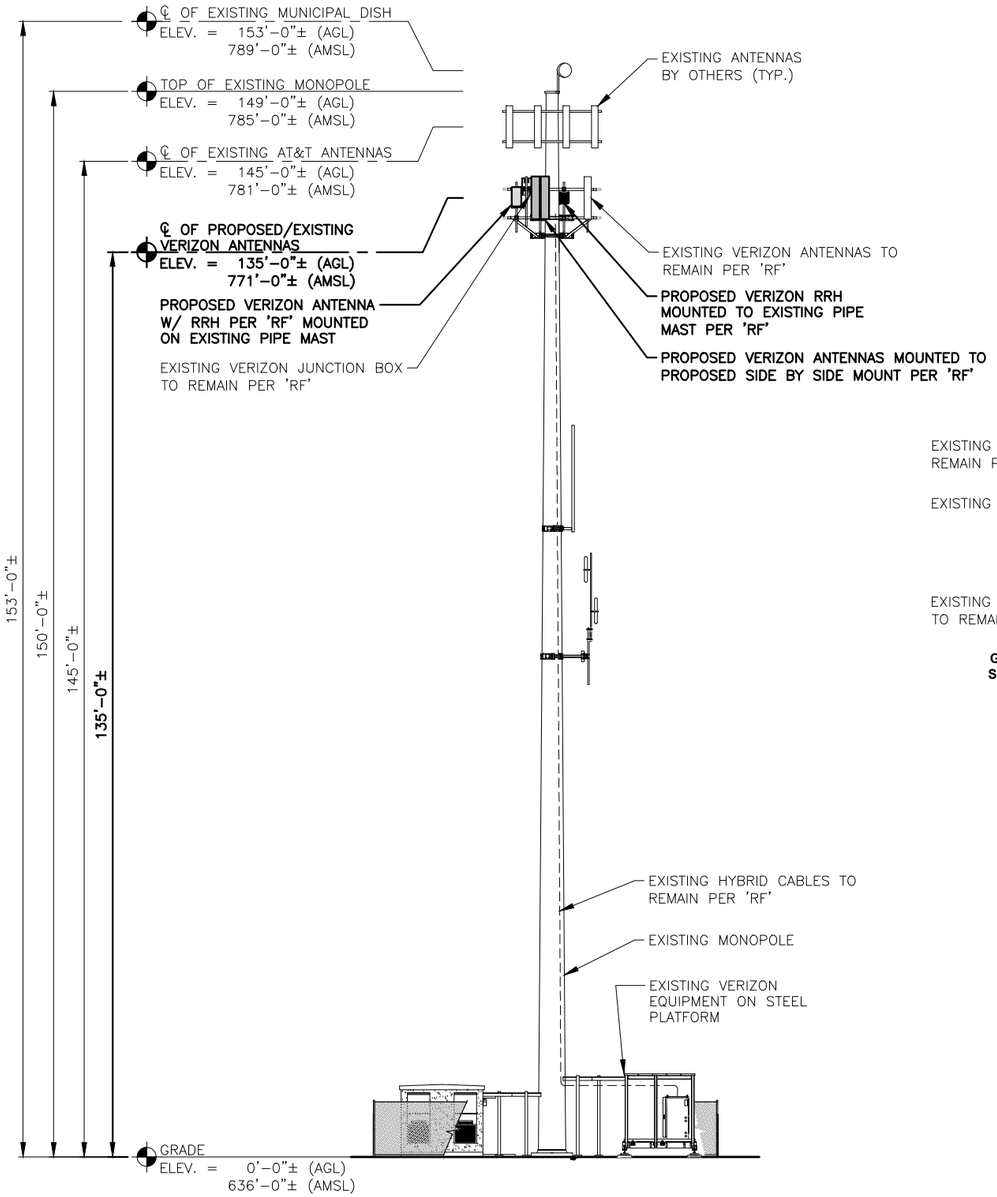
REV.	DATE	DESCRIPTION	BY
0	04/20/21	ISSUED FOR CONSTRUCTION	GA

SITE NAME:
REDDING NE CT

SITE ADDRESS:
186 BLACK ROCK TPK
REDDING, CT 06876

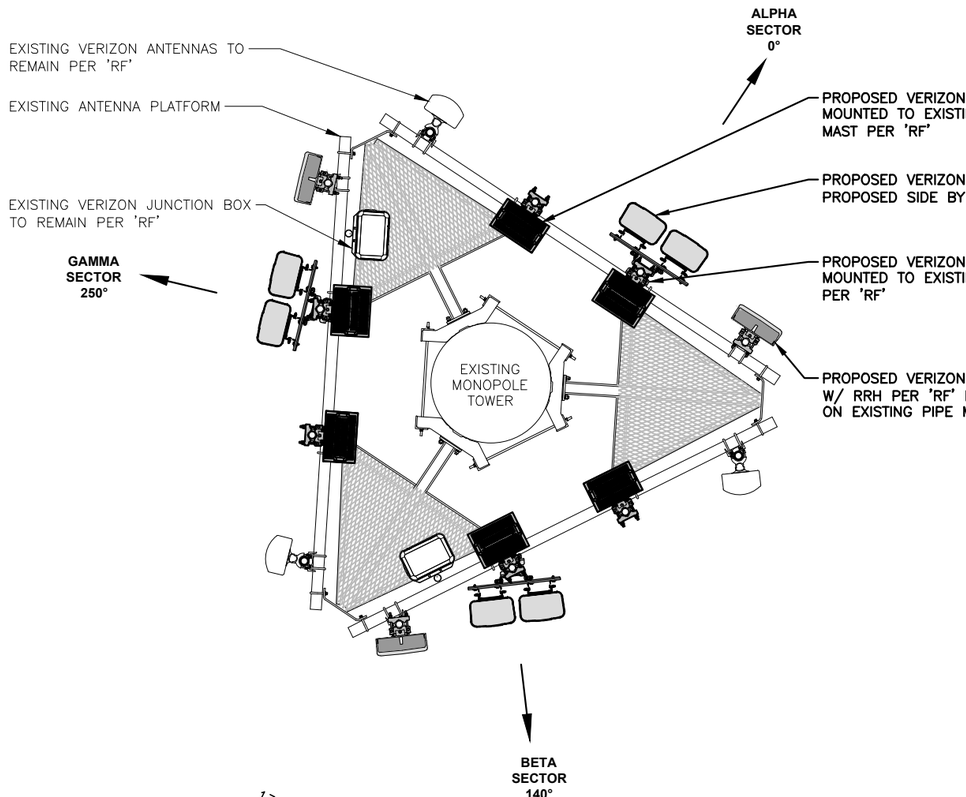
SHEET TITLE
COMPOUND PLAN

SHEET NUMBER
A-1



ELEVATION (1 / A-2)
22x34 SCALE: 3/32"=1'-0"
11x17 SCALE: 3/64"=1'-0"

GRAPHIC SCALE
0 5'-4" 10'-8" 21'-4" 32'-0"



ANTENNA PLAN (2 / A-2)
22x34 SCALE: 1/2"=1'-0"
11x17 SCALE: 1/4"=1'-0"

GRAPHIC SCALE
0 1 2 4 6 FEET

NOTE:

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DATED: APRIL 19, 2021

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NOTE:

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CHECKED BY: JX

APPROVED BY: DPH

SUBMITTALS

REV.	DATE	DESCRIPTION	BY
0	04/20/21	ISSUED FOR CONSTRUCTION	GA

SITE NAME:
REDDING NE CT

SITE ADDRESS:
186 BLACK ROCK TPK
REDDING, CT 06876

SHEET TITLE
ELEVATION & ANTENNA PLAN

SHEET NUMBER
A-2

STRUCTURAL NOTES:

1. DESIGN REQUIREMENTS ARE PER STATE BUILDING CODE AND APPLICABLE SUPPLEMENTS, INTERNATIONAL BUILDING CODE, EIA/TIA–222–G STRUCTURAL STANDARDS FOR STEEL ANTENNA, TOWERS AND ANTENNA SUPPORTING STRUCTURES.
2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO FABRICATION AND ERECTION OF ANY MATERIAL. ANY UNUSUAL CONDITIONS SHALL BE REPORTED TO THE ATTENTION OF THE CONSTRUCTION MANAGER AND ENGINEER OF RECORD.
3. DESIGN AND CONSTRUCTION OF STRUCTURAL STEEL SHALL CONFORM TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS".
4. STRUCTURAL STEEL SHALL CONFORM TO ASTM A992 (Fy=50 ksi), MISCELLANEOUS STEEL SHALL CONFORM TO ASTM A36 UNLESS OTHERWISE INDICATED.
5. STEEL PIPE SHALL CONFORM TO ASTM A500 "COLD–FORMED WELDED & SEAMLESS CARBON STEEL STRUCTURAL TUBING", GRADE B, OR ASTM A53 PIPE STEEL BLACK AND HOT–DIPPED ZINC–COATED WELDED AND SEAMLESS TYPE E OR S, GRADE B. PIPE SIZES INDICATED ARE NOMINAL. ACTUAL OUTSIDE DIAMETER IS LARGER.
6. STRUCTURAL CONNECTION BOLTS SHALL BE HIGH STRENGTH BOLTS (BEARING TYPE) AND CONFORM TO ASTM A325 TYPE–X "HIGH STRENGTH BOLTS FOR STRUCTURAL JOINTS, INCLUDING SUITABLE NUTS AND PLAIN HARDENED WASHERS". ALL BOLTS SHALL BE 3/4" DIA UON.
7. ALL STEEL MATERIALS SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123 "ZINC (HOT–DIP GALVANIZED) COATINGS ON IRON AND STEEL PRODUCTS", UNLESS OTHERWISE NOTED.
8. ALL BOLTS, ANCHORS AND MISCELLANEOUS HARDWARE SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153 "ZINC–COATING (HOT–DIP) ON IRON AND STEEL HARDWARE", UNLESS OTHERWISE NOTED.
9. FIELD WELDS, DRILL HOLES, SAW CUTS AND ALL DAMAGED GALVANIZED SURFACES SHALL BE REPAIRED WITH AN ORGANIC ZINC REPAIR PAINT COMPLYING WITH REQUIREMENTS OF ASTM A780. GALVANIZING REPAIR PAINT SHALL HAVE 65 PERCENT ZINC BY WEIGHT, ZIRP BY DUNCAN GALVANIZING, GALVA BRIGHT PREMIUM BY CROWN OR EQUAL. THICKNESS OF APPLIED GALVANIZING REPAIR PAINT SHALL BE NOT NOT LESS THAN 4 COATS (ALLOW TIME TO DRY BETWEEN COATS) WITH A RESULTING COATING THICKNESS REQUIRED BY ASTM A123 OR A153 AS APPLICABLE.
10. CONTRACTOR SHALL COMPLY WITH AWS CODE FOR PROCEDURES, APPEARANCE AND QUALITY OF WELDS, AND FOR METHODS USED IN CORRECTING WELDING. ALL WELDERS AND WELDING PROCESSES SHALL BE QUALIFIED IN ACCORDANCE WITH AWS "STANDARD QUALIFICATION PROCEDURES". ALL WELDING SHALL BE DONE USING E70XX ELECTRODES AND WELDING SHALL CONFORM TO AISC AND DI.I. WHERE FILLET WELD SIZES ARE NOT SHOWN, PROVIDE THE MINIMUM SIZE PER TABLE J2.4 IN THE AISC "STEEL CONSTRUCTION MANUAL". 14TH EDITION.
11. INCORRECTLY FABRICATED, DAMAGED OR OTHERWISE MISFITTING OR NON–CONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE CONSTRUCTION MANAGER PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH ACTION SHALL REQUIRE CONSTRUCTION MANAGER APPROVAL.
12. UNISTRUT SHALL BE FORMED STEEL CHANNEL STRUT FRAMING AS MANUFACTURED BY UNISTRUT CORP., WAYNE, MI OR EQUAL. STRUT MEMBERS SHALL BE 1 5/8"x1 5/8"x12GA, UNLESS OTHERWISE NOTED, AND SHALL BE HOT–DIP GALVANIZED AFTER FABRICATION.
13. EPOXY ANCHOR ASSEMBLY SHALL CONSIST OF STAINLESS STEEL ANCHOR ROD WITH NUTS & WASHERS. AN INTERNALLY THREADED INSERT, A SCREEN TUBE AND A EPOXY ADHESIVE. THE ANCHORING SYSTEM SHALL BE THE HILTI–HIT HY–270 AND OR HY–200 SYSTEMS (AS SPECIFIED IN DWG.) OR ENGINEERS APPROVED EQUAL.
14. EXPANSION BOLTS SHALL CONFORM TO FEDERAL SPECIFICATION FF–S–325, GROUP II, TYPE 4, CLASS I, HILTI KWIK BOLT III OR APPROVED EQUAL. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
15. LUMBER SHALL COMPLY WITH THE REQUIREMENTS OF THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION AND THE NATIONAL FOREST PRODUCTS ASSOCIATION'S NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION. ALL LUMBER SHALL BE PRESSURE TREATED AND SHALL BE STRUCTURAL GRADE NO. 2 OR BETTER.
16. WHERE ROOF PENETRATIONS ARE REQUIRED, THE CONTRACTOR SHALL CONTACT AND COORDINATE RELATED WORK WITH THE BUILDING OWNER AND THE EXISTING ROOF INSTALLER. WORK SHALL BE PERFORMED IN SUCH A MANNER AS TO NOT VOID THE EXISTING ROOF WARRANTY. ROOF SHALL BE WATERTIGHT.
17. ALL FIBERGLASS MEMBERS USED ARE AS MANUFACTURED BY STRONGWELL COMPANY OF BRISTOL, VA 24203. ALL DESIGN CRITERIA FOR THESE MEMBERS IS BASED ON INFORMATION PROVIDED IN THE DESIGN MANUAL. ALL REQUIREMENTS PUBLISHED IN SAID MANUAL MUST BE STRICTLY ADHERED TO.
18. NO MATERIALS TO BE ORDERED AND NO WORK TO BE COMPLETED UNTIL SHOP DRAWINGS HAVE BEEN REVIEWED AND APPROVED IN WRITING.
19. SUBCONTRACTOR SHALL FIREPROOF ALL STEEL TO PRE–EXISTING CONDITIONS.

SPECIAL INSPECTIONS (REFERENCE IBC CHAPTER 17):

GENERAL: WHERE APPLICATION IS MADE FOR CONSTRUCTION, THE OWNER OR THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE ACTING AS THE OWNER'S AGENT SHALL EMPLOY ONE OR MORE APPROVED AGENCIES TO PERFORM INSPECTIONS DURING CONSTRUCTION ON THE TYPES OF WORK LISTED IN THE INSPECTION CHECKLIST ABOVE.

THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE AND ENGINEERS OF RECORD INVOLVED IN THE DESIGN OF THE PROJECT ARE PERMITTED TO ACT AS THE APPROVED AGENCY AND THEIR PERSONNEL ARE PERMITTED TO ACT AS THE SPECIAL INSPECTOR FOR THE WORK DESIGNED BY THEM, PROVIDED THOSE PERSONNEL MEET THE QUALIFICATION REQUIREMENTS.

STATEMENT OF SPECIAL INSPECTIONS: THE APPLICANT SHALL SUBMIT A STATEMENT OF SPECIAL INSPECTIONS PREPARED BY THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE IN ACCORDANCE WITH SECTION 107.1 AS A CONDITION FOR ISSUANCE. THIS STATEMENT SHALL BE IN ACCORDANCE WITH SECTION 1705.

REPORT REQUIREMENT: SPECIAL INSPECTORS SHALL KEEP RECORDS OF INSPECTIONS. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. REPORTS SHALL INDICATE THAT WORK INSPECTED WAS OR WAS NOT COMPLETED IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THEY ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS SHALL BE SUBMITTED.

SPECIAL INSPECTION CHECKLIST

BEFORE CONSTRUCTION	
CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM
N/A	ENGINEER OF RECORD APPROVED SHOP DRAWINGS [1]
N/A	MATERIAL SPECIFICATIONS REPORT [2]
N/A	FABRICATOR NDE INSPECTION
N/A	PACKING SLIPS [3]
ADDITIONAL TESTING AND INSPECTIONS:	
DURING CONSTRUCTION	
CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM
REQUIRED	STEEL INSPECTIONS
N/A	HIGH STRENGTH BOLT INSPECTIONS
N/A	HIGH WIND ZONE INSPECTIONS [4]
N/A	FOUNDATION INSPECTIONS
N/A	CONCRETE COMP. STRENGTH, SLUMP TESTS AND PLACEMENT
N/A	POST INSTALLED ANCHOR VERIFICATION [5]
N/A	GROUT VERIFICATION
N/A	CERTIFIED WELD INSPECTION
N/A	EARTHWORK: LIFT AND DENSITY
N/A	ON SITE COLD GALVANIZING VERIFICATION
N/A	GUY WIRE TENSION REPORT
ADDITIONAL TESTING AND INSPECTIONS:	
AFTER CONSTRUCTION	
CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM
REQUIRED	MODIFICATION INSPECTOR REDLINE OR RECORD DRAWINGS [6]
N/A	POST INSTALLED ANCHOR PULL–OUT TESTING
REQUIRED	PHOTOGRAPHS
ADDITIONAL TESTING AND INSPECTIONS:	

NOTES:

1. REQUIRED FOR ANY NEW SHOP FABRICATED FRP OR STEEL.
2. PROVIDED BY MANUFACTURER, REQUIRED IF HIGH STRENGTH BOLTS OR STEEL.
3. PROVIDED BY GENERAL CONTRACTOR; PROOF OF MATERIALS.
4. HIGH WIND ZONE INSPECTION CATB 120MPH OR CAT C,D 110MPH INSPECT FRAMING OF WALLS, ANCHORING, FASTENING SCHEDULE.
5. ADHESIVE FOR REBAR AND ANCHORS SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ACI 355.4 AND ICC–ES AC308 FOR CRACKED CONCRETE AND SEISMIC APPLICATIONS. DESIGN ADHESIVE BOND STRENGTH HAS BEEN BASED ON ACI 355.4 TEMPERATURE CATEGORY B WITH INSTALLATIONS INTO DRY HOLES DRILLED USING A CARBIDE BIT INTO CRACKED CONCRETE THAT HAS CURED FOR AT LEAST 21 DAYS. ADHESIVE ANCHORS REQUIRING CERTIFIED INSTALLATIONS SHALL BE INSTALLED BY A CERTIFIED ADHESIVE ANCHOR INSTALLER PER ACI 318–11 D.9.2.2. INSTALLATIONS REQUIRING CERTIFIED INSTALLERS SHALL BE INSPECTED PER ACI 318–11 D.8.2.4.
6. AS REQUIRED; FOR ANY FIELD CHANGES TO THE ITEMS IN THIS TABLE.

NOTES:

1. ALL CONNECTIONS TO BE SHOP WELDED & FIELD BOLTED USING 3/4"ø A325–X BOLTS, UNLESS OTHERWISE NOTIFIED.
2. SHOP DRAWING ENGINEER REVIEW & APPROVAL REQUIRED BEFORE ORDERING MATERIAL.
3. SHOP DRAWING ENGINEER REVIEW & APPROVAL REQUIRED PRIOR TO STEEL FABRICATION.
4. VERIFICATION OF EXISTING ROOF CONSTRUCTION IS REQUIRED PRIOR TO THE INSTALLATION OF THE ROOF PLATFORM. ENGINEER OF RECORD IS TO APPROVE EXISTING CONDITIONS IN ORDER TO MOVE FORWARD.
5. CENTERLINE OF PROPOSED STEEL PLATFORM SUPPORT COLUMNS TO BE CENTRALLY LOCATED OVER THE EXISTING BUILDING COLUMNS.
6. EXISTING BRICK MASONRY COLUMNS/BEARING TO BE REPAIRED/REPLACED AT ALL PROPOSED PLATFORM SUPPORT POINTS. ENGINEER OF RECORD TO REVIEW AND APPROVE.

PREPARED FOR:
verizon
118 FLANDERS ROAD
WESTBOROUGH, MA 01581

HUDSON Design Group LLC
45 BEECHWOOD DRIVE
N. ANDOVER, MA 01845
TEL: (978) 557-5553
FAX: (978) 336-5586

STATE OF CONNECTICUT
DANIEL P. HAMM
No. 24178
LICENSED PROFESSIONAL ENGINEER

CONSTRUCTION DRAWINGS ARE VALID FOR SIX MONTHS AFTER ENGINEER OF RECORD'S STAMPED AND SIGNED SUBMITTAL DATE LISTED HEREIN

CHECKED BY: JX

APPROVED BY: DPH

SUBMITTALS

REV.	DATE	DESCRIPTION	BY
0	04/20/21	ISSUED FOR CONSTRUCTION	GA

SITE NAME:
REDDING NE CT

SITE ADDRESS:
186 BLACK ROCK TPK
REDDING, CT 06876

SHEET TITLE
STRUCTURAL NOTES & SPECIAL INSPECTIONS

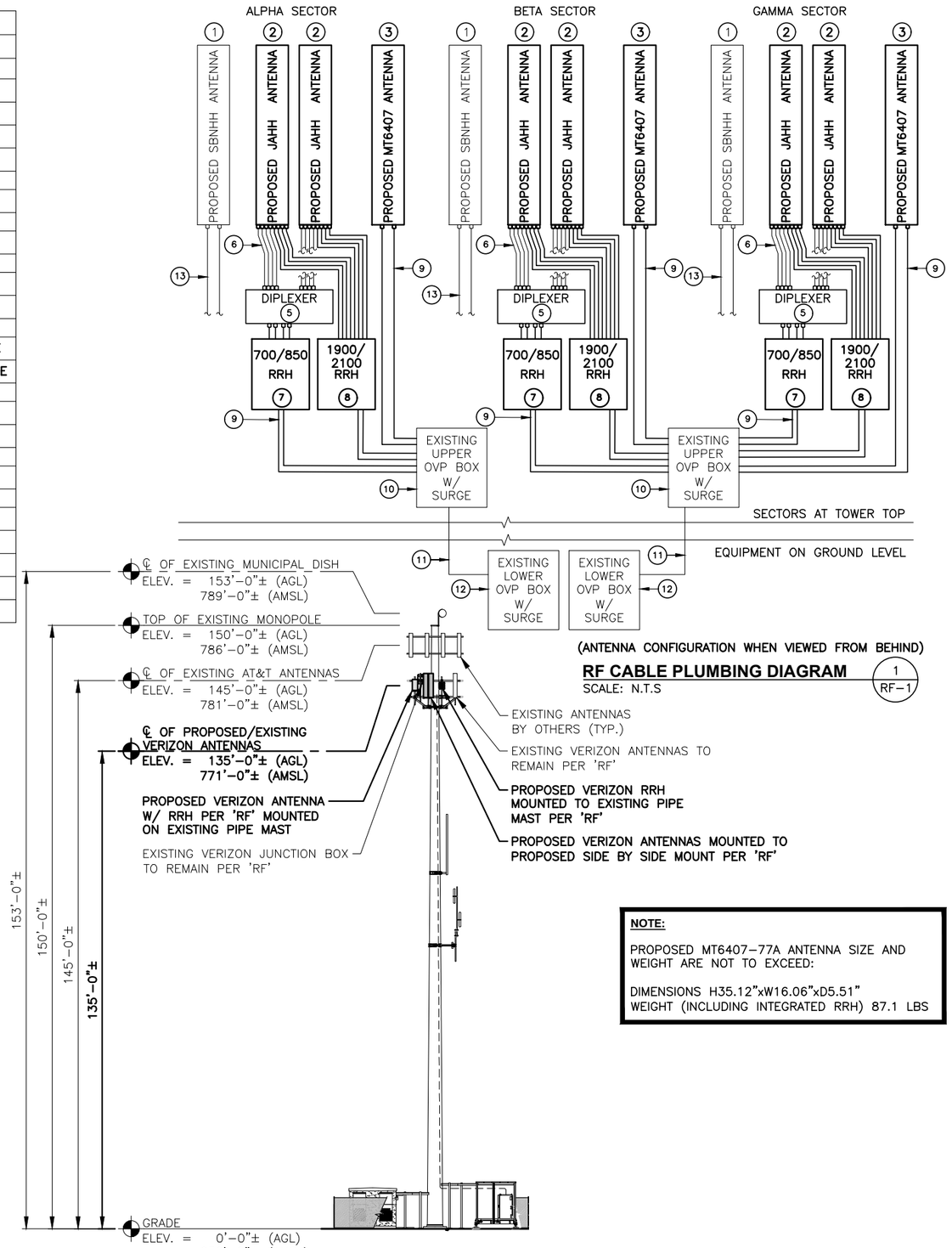
SHEET NUMBER
SN-1

BILL OF MATERIALS

SITE NAME: REDDING NE CT

ITEM	DESCRIPTION	QTY	LENGTH	COMMENTS
①	EXISTING SBNHH–1D65B ANTENNA	3		MOUNTED TO EXISTING PIPE MAST
②	**PROPOSED JAHH–65B–R3B ANTENNA**	**3**		**MOUNTED TO PROPOSED SIDE BY SIDE MOUNT**
②	**PROPOSED JAHH–65B–R3B ANTENNA**	**3**		**MOUNTED TO PROPOSED SIDE BY SIDE MOUNT**
③	**PROPOSED MT6407–77A ANTENNA**	**3**		**MOUNTED TO EXISTING PIPE MAST**
④	**PROPOSED 2" EDGE–TO–EDGE BRACKET**	**3**		**MOUNTED TO EXISTING PIPE MAST**
⑤	**PROPOSED CBC78T–DS–43–2X DIPLEXER**	**3**		**MOUNTED TO EXISTING PIPE MAST**
⑥	EXISTING 1/2" JUMPERS	24		ROUTE FROM RRH/DIPLEXER TO ANTENNA
⑥	**PROPOSED 1/2" JUMPERS**	**36**		**ROUTE FROM RRH/DIPLEXER TO ANTENNA**
⑦	**PROPOSED LTE 700/850 RRH**	**3**		**SAMSUNG RRH B5/B13 RRH–BR04C MOUNTED TO PIPE**
⑧	**PROPOSED PCS/AWS 1900/2100 RRH**	**3**		**SAMSUNG RRH B2/B66A RRH–BR049 MOUNTED TO PIPE**
⑨	**PROPOSED SAMSUNG FIBER JUMPER CABLES**	**9**	**15 FT.**	**ROUTE FROM OVP TO ANTENNA**
⑨	**PROPOSED SAMSUNG POWER JUMPER CABLES**	**9**	**15 FT.**	**ROUTE FROM OVP TO ANTENNA**
⑩	EXISTING UPPER OVP	2		MOUNTED TO EXISTING UNISTRUTS
⑪	EXISTING 6x12 HYBRID CABLE	2	250 FT.	ROUTE FROM LOWER OVP TO UPPER OVP
⑫	EXISTING LOWER OVP	2		MOUNTED IN EXISTING EQUIPMENT CABINET
⑬	EXISTING 1–5/8" COAX CABLES	6	250 FT.	ROUTE FROM EQUIPMENT TO ANTENNA

THE ABOVE RF–BOM SHEET IS BASED ON INFORMATION LISTED ON ANTENNA RECOMMENDATION SHEET DATED 03/18/21



(ANTENNA CONFIGURATION WHEN VIEWED FROM BEHIND)

RF CABLE PLUMBING DIAGRAM 1 / RF–1

SCALE: N.T.S

NOTE:

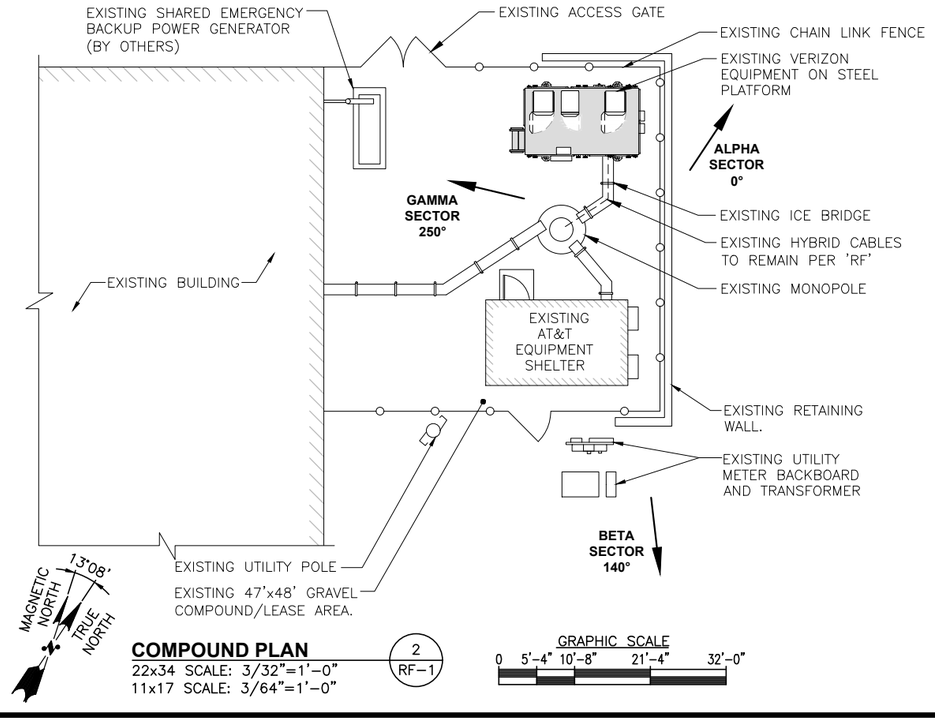
PROPOSED MT6407–77A ANTENNA SIZE AND WEIGHT ARE NOT TO EXCEED:

DIMENSIONS H35.12"xW16.06"xD5.51"
WEIGHT (INCLUDING INTEGRATED RRH) 87.1 LBS

ELEVATION 3 / RF–1

22x34 SCALE: 1/16"=1'–0"
11x17 SCALE: 1/32"=1'–0"

GRAPHIC SCALE
0 8 16 32 48 FEET



COMPOUND PLAN 2 / RF–1

22x34 SCALE: 3/32"=1'–0"
11x17 SCALE: 3/64"=1'–0"

GRAPHIC SCALE
0 5'–4" 10'–8" 21'–4" 32'–0"

PREPARED FOR:
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SUBMITTALS

REV.	DATE	DESCRIPTION	BY
0	04/20/21	ISSUED FOR CONSTRUCTION	GA

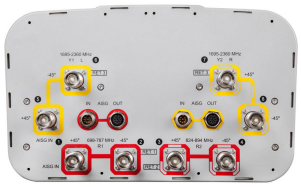
SITE NAME:
REDDING NE CT

SITE ADDRESS:
186 BLACK ROCK TPK
REDDING, CT 06876

SHEET TITLE
RF PLUMBING DIAGRAM & BILL OF MATERIALS

SHEET NUMBER
RF-1

JAHH-65B-R3B



8-port sector antenna, 2x 698–787, 2x 824-894 and 4x 1695–2360 MHz, 65° HPBW, 3x RET and low bands have diplexers. Internal SBT's on first LB(Port 1) and first HB(Port 5).

- Internal SBT on low and high band allow remote RET control from the radio over the RF jumper cable
- One RET for 700MHz, one RET for 850MHz, and one RET for both high bands to ensure same tilt level for 4x Rx or 4x MIMO
- Internal filter on low band and interleaved dipole technology providing for attractive, low wind load mechanical package
- Separate RS-485 RET input/output for low and high band

General Specifications

Antenna Type	Sector
Band	Multiband
Color	Light gray
Effective Projective Area (EPA), frontal	0.28 m^2 | 3.014 ft^2
Effective Projective Area (EPA), lateral	0.24 m^2 | 2.583 ft^2
Grounding Type	RF connector body grounded to reflector and mounting bracket
Performance Note	Outdoor usage | Wind loading figures are validated by wind tunnel measurements described in white paper WP-112534-EN
Radome Material	Fiberglass, UV resistant
Radiator Material	Aluminum | Low loss circuit board
Reflector Material	Aluminum
RF Connector Interface	4.3-10 Female
RF Connector Location	Bottom
RF Connector Quantity, high band	4
RF Connector Quantity, low band	4
RF Connector Quantity, total	8

Remote Electrical Tilt (RET) Information, General

RET Interface	8-pin DIN Female | 8-pin DIN Male
RET Interface, quantity	2 female | 2 male

Dimensions

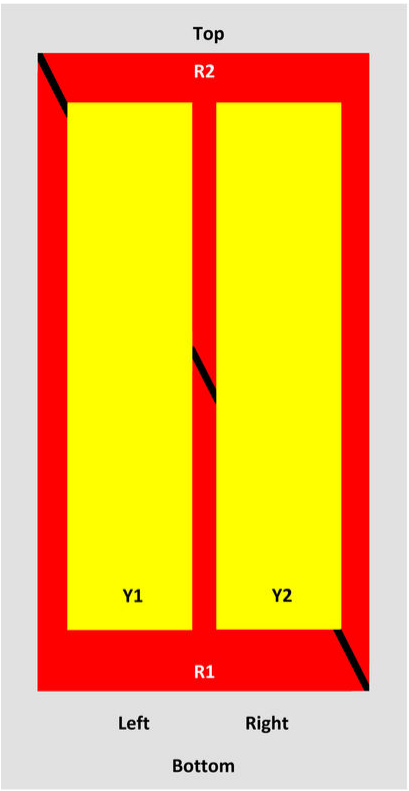
Width	350 mm | 13.78 in

JAHH-65B-R3B

Length	1828 mm | 71.969 in
Depth	208 mm | 8.189 in

Array Layout

JAHH-65A-R3B JAHH-65B-R3B JAHH-65C-R3B



Array	Freq (MHz)	Conns	RET (SRET)	AISG RET UID
R1	698-798	1-2	1	ANxxxxxxxxxxxxxxx1
R2	824-894	3-4	2	ANxxxxxxxxxxxxxxx2
Y1	1695-2360	5-6	3	ANxxxxxxxxxxxxxxx3
Y2	1695-2360	7-8		

View from the front of the antenna

(Sizes of colored boxes are not true depictions of array sizes)

Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	1695 – 2360 MHz | 698 – 787 MHz | 824 – 894 MHz
Polarization	±45°

Remote Electrical Tilt (RET) Information, Electrical

Protocol	3GPP/AISG 2.0 (Single RET)
Power Consumption, idle state, maximum	2 W

JAHH-65B-R3B

Power Consumption, normal conditions, maximum	13 W
Input Voltage	10–30 Vdc
Internal Bias Tee	Port 1 | Port 5
Internal RET	High band (1) | Low band (2)

Electrical Specifications

Frequency Band, MHz	**698–787**	**824–894**	**1695–1880**	**1850–1990**	**1920–2200**	**2300–2360**
Gain, dBi	14.5	15.8	18	18.4	18.5	18.8
Beamwidth, Horizontal, degrees	67	65	63	63	65	68
Beamwidth, Vertical, degrees	12.4	10.5	5.7	5.2	4.9	4.4
Beam Tilt, degrees	2–14	2–14	0–10	0–10	0–10	0–10
USLS (First Lobe), dB	18	18	20	20	21	23
Front-to-Back Ratio at 180°, dB	32	34	31	35	36	38
Isolation, Cross Polarization, dB	25	25	25	25	25	25
Isolation, Inter-band, dB	30	30	30	30	30	30
VSWR | Return loss, dB	1.5 | 14.0	1.5 | 14.0	1.5 | 14.0	1.5 | 14.0	1.5 | 14.0	1.5 | 14.0
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	-153	-153	-153
Input Power per Port at 50° C, maximum, watts	200	200	300	300	300	250

Electrical Specifications, BASTA

Frequency Band, MHz	**698–787**	**824–894**	**1695–1880**	**1850–1990**	**1920–2200**	**2300–2360**
Gain by all Beam Tilts, average, dBi	14.3	14.9	17.6	18.1	18.2	18.5
Gain by all Beam Tilts Tolerance, dB	±0.3	±0.5	±0.6	±0.4	±0.5	±0.6
Gain by Beam Tilt, average, dBi	2 ° | 14.3 8 ° | 14.3 14 ° | 14.3	2 ° | 15.0 8 ° | 14.9 14 ° | 15.4	0 ° | 17.2 5 ° | 17.6 10 ° | 17.6	0 ° | 17.6 5 ° | 18.2 10 ° | 18.2	0 ° | 17.7 5 ° | 18.3 10 ° | 18.3	0 ° | 17.9 5 ° | 18.7 10 ° | 18.7
Beamwidth, Horizontal Tolerance, degrees	±1.2	±1.4	±4	±2.4	±2.9	±2.7
Beamwidth, Vertical Tolerance, degrees	±0.9	±0.5	±0.3	±0.2	±0.3	±0.1
USLS, beampeak to 20° above beampeak, dB	18	17	17	18	19	18
Front-to-Back Total Power at 180° ± 30°, dB	25	24	26	29	27	29
CPR at Boresight, dB	22	23	20	21	21	24

CPR at Sector, dB	11	12	11	11	11	8

Mechanical Specifications

Wind Loading at Velocity, frontal	301.0 N @ 150 km/h | 67.7 lbf @ 150 km/h
Wind Loading at Velocity, lateral	254.0 N @ 150 km/h | 57.1 lbf @ 150 km/h
Wind Loading at Velocity, maximum	143.4 lbf @ 150 km/h | 638.0 N @ 150 km/h
Wind Speed, maximum	241 km/h | 149.75 mph

Packaging and Weights

Width, packed	456 mm | 17.953 in
Depth, packed	357 mm | 14.055 in
Length, packed	1975 mm | 77.756 in
Net Weight, without mounting kit	29.2 kg | 64.375 lb
Weight, gross	42.5 kg | 93.696 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ROHS	Compliant/Exempted

Included Products

BSAMNT-3	—	Wide Profile Antenna Downtilt Mounting Kit for 2.4 - 4.5 in (60 - 115 mm) OD round members. Kit contains one scissor top bracket set and one bottom bracket set.

* Footnotes

Performance Note	Severe environmental conditions may degrade optimum performance

SAMSUNG

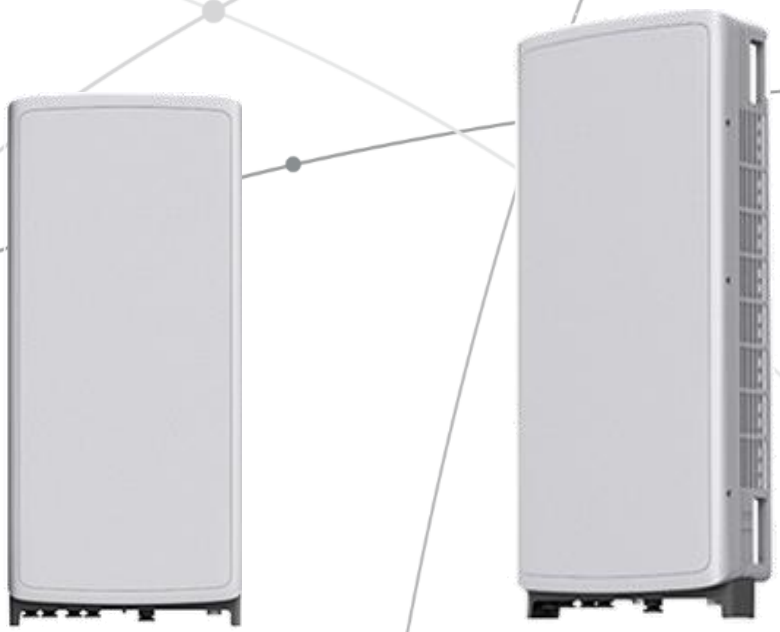
SAMSUNG

C-Band 64T64R Massive MIMO Radio

for High Capacity and Wide Coverage

Samsung C-Band 64T64R Massive MIMO Radio enables mobile operators to increase coverage range, boost data speeds and ultimately offer enriched 5G experiences to users in the U.S..

Model Code : MT6407-77A

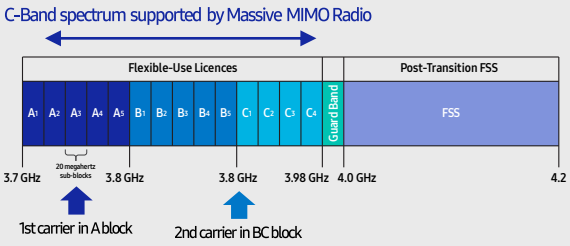


Points of Differentiation

Wide Bandwidth

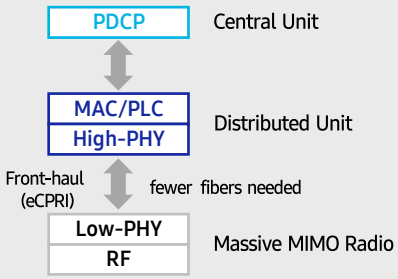
With capability to support up to 2 CC carrier configuration, Samsung C-Band massive MIMO Radio supports 200 MHz bandwidth in the C-Band spectrum.

Samsung C-Band massive MIMO Radio covers the entire C-Band 280 MHz spectrum, so it can meet the operator's needs in current A block and future B/C blocks



Future Proof Product

Samsung C-Band 64T64R Massive MIMO radio supports not only CPRI but also eCPRI as front-haul interface.
It enables operators can cut down on OPEX/CAPEX by reducing front-haul bandwidth through low layer split and using ethernet based higher efficient line.



Enhanced Performance

C-Band massive MIMO Radio creates sharp beams and extends networks' coverage on the critical mid-band spectrum using a large number of antenna elements and high output power to boost data speeds.

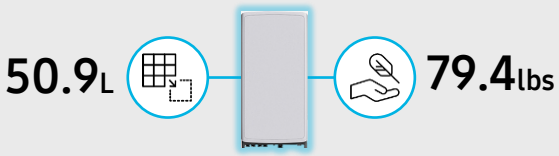
This helps operators reduce their CAPEX as they now need less products to cover the same area than before.

Furthermore, as C-Band massive MIMO Radio supports MU-MIMO(Multi-user MIMO) , it enables to increase user throughput by minimizing interference.

Well Matched Design

Samsung C-Band Massive MIMO radio utilizes 64 antennas, supports up to 280MHz bandwidth, and delivers a 200W output power. despite the above advanced performance, the Radio has a compact size of 50.9L and 79.4lbs. This makes it easy to install the Radio.

It is designed to look solid and compact, with a low profile appearance so that, when installed, harmonizes well with the surrounding environment..



Technical Specifications

Item	Specification
Tech	NR
Band	n77
Frequency Band	3700 - 3980 MHz
EIRP	78.5dBm (53.0 dBm+25.5 dBi)
IBW/OBW	280 MHz / 200 MHz
Installation	Pole/Wall
Size/ Weight	16.06 x 35.06 x 5.51 inch (50.86L)/ 79.4 lbs

SAMSUNG

About Samsung Electronics Co., Ltd.

Samsung inspires the world and shapes the future with transformative ideas and technologies. The company is redefining the worlds of TVs, smartphones, wearable devices, tablets, digital appliances, network systems, and memory, system LSI, foundry and LED solutions.

129 Samsung-ro, Yeongtong-gu, Suwon-si Gyeonggi-do, Korea

SAMSUNG

Dual-Band Radio Unit
AWS/PCS (B66/B2)
RFV01U-D1A

Samsung's RFV01U-D1A is a compact remote Radio Unit (RU) designed for deployments that require flexibility in installation and rapid onlining, without compromising on coverage, capacity or operational expenses.

The RFV01U-D1A RU targets dual-band support across Band 66 (AWS) and Band 2 (PCS), making it an ideal product for broad coverage footprints across multiple common mid-range frequencies.

The RU handles all Radio Frequency (RF) processing in a single, compact unit, and is designed to interface via CPRI with Samsung's CDU baseband offerings, in both distributed- and central-RAN configurations.

In addition to its minimal footprint and ease of installation, the RU is also designed to reduce cost of ownership through its integrated spectrum analyzer, which allows for remote RF monitoring, greatly reducing the need for on-site maintenance visits.

Features and Benefits

- Dual-band support for broad frequency coverage
- Minimal footprint reduces site costs
- Rapid, easy installation
- Flexibly deployable in any location
- Remote RF monitoring capability
- Convection cooled, silent operation
- Built-in Broadcast Auxiliary Services (BAS) filter ensures compliant AWS operation without impacting footprint

Key Technical Specifications

Duplex Type: FDD
Operating Frequencies:
    B66: DL(2,110-2,180MHz)/UL(1,710-1,780MHz)
    B2: DL(1,930-1,990MHz)/UL(1,850-1,910MHz)
Instantaneous Bandwidth:
    70MHz(B66) + 60MHz(B2)
RF Chain: 4T4R/2T4R/2T2R
Output Power: Total 320W
DU-RU Interface: CPRI (10Gbps)
Dimensions: 380 x 380 x 255mm (36.8L)
Weight: 38.3kg
Input Power: -48V DC
Operating Temp.: -40 - 55°(w/o solar load)
Cooling: Natural convection

SAMSUNG

Dual-Band Radio Unit
700/850MHz (B13/B5)
RFV01U-D2A

Samsung's RFV01U-D2A is a compact remote Radio Unit (RU) designed for deployments that require flexibility in installation and rapid onlining, without compromising on coverage, capacity or operational expenses.

The RFV01U-D2A RU targets dual-band support across Band 13 (700MHz) and Band 5 (850MHz), making it an ideal product for broad coverage footprints across multiple common low-end, long-range frequencies.

The RU handles all Radio Frequency (RF) processing in a single, compact unit, and is designed to interface via CPRI with Samsung's CDU baseband offerings, in both distributed- and central-RAN configurations.

In addition to its minimal footprint and ease of installation, the RU is also designed to reduce cost of ownership through its integrated spectrum analyzer, which allows for remote RF monitoring, greatly reducing the need for on-site maintenance visits.

Features and Benefits

- Dual-band support for broad frequency coverage
- Minimal footprint reduces site costs
- Rapid, easy installation
- Flexibly deployable in any location
- Remote RF monitoring capability
- Convection cooled, silent operation

Key Technical Specifications

Duplex Type: FDD
Operating Frequencies:
B13: DL(746-756MHz)/UL(777-787MHz)
B5: DL(869-894MHz)/UL(824-849MHz)
Instantaneous Bandwidth: 10MHz(B13) + 25MHz(B5)
RF Chain: 4T4R/2T4R/2T2R
Output Power: Total 320W
DU-RU Interface: CPRI (10Gbps)
Dimensions: 380 x 380 x 207mm (29.9L)
Weight: 31.9kg
Input Power: -48V DC
Operating Temp.: -40 - 55°(w/o solar load)
Cooling: Natural convection

ATTACHMENT 3

	General	Power	Density					
Site Name: Redding NE								
Tower Height: Verizon @ 135ft								
CARRIER	**# OF CHAN.**	**WATTS ERP**	**HEIGHT**	**CALC. POWER DENS**	**FREQ.**	**MAX. PERMISS. EXP.**	**FRACTION MPE**	**Total**
*AT&T	2	500	150	880	0.0173	0.5867	0.30%	
*AT&T	2	500	150	1900	0.0173	1.0000	0.17%	
*AT&T	1	500	150	734	0.0087	0.4893	0.18%	
*Redding FD WNWN646	3	95	85	33	0.0164	0.2000	0.82%	
*Redding FD WNWN646	1	95	60	33	0.0117	0.2000	0.59%	
*Redding FD WQKB457	2	17	100	150	0.0013	0.2000	0.07%	
VZW 700	**4**	**591**	**135**	**0.0047**	**751**	**0.5007**	**0.93%**	
VZW Cellular	**4**	**677**	**135**	**0.0053**	**874**	**0.5827**	**0.92%**	
VZW PCS	**4**	**1008**	**135**	**0.0080**	**1980**	**1.0000**	**0.80%**	
VZW AWS	**4**	**987**	**135**	**0.0078**	**2120**	**1.0000**	**0.78%**	
VZW CBAND	**4**	**6531**	**135**	**0.0516**	**3730.005**	**1.0000**	**5.16%**	
								10.71%
* Source: Siting Council								

ATTACHMENT 4

STRUCTURAL ANALYSIS REPORT

For

REDDING NE CT

186 BLACK ROCK TURNPIKE
REDDING, CT 06896

149-ft Monopole

Prepared for:

verizon

99 East River Road, 9th Floor
East Hartford, CT 06108

Dated: April 19, 2021

Prepared by:

HUDSON Design Group LLC

45 Beechwood Drive
North Andover, MA 01845
(P) 978.557.5553 (F) 978.336.5586
www.hudsondesigngroupllc.com

SCOPE OF WORK:

Hudson Design Group LLC (HDG) has been authorized by Verizon to conduct a structural evaluation of the 149' monopole supporting the proposed Verizon's antennas located at elevation 135' above the ground level.

This report represents this office's findings, conclusions and recommendations pertaining to the support of Verizon's existing and proposed antennas listed below.

Record drawings of the existing monopole prepared by Valmont Structures, dated December 11, 2015, were available and obtained for our use. Inventory of the existing appurtenances on the tower prepared by ProVertic LLC, dated March 23, 2021, was provided to this office.

CONCLUSION SUMMARY:

Based on our evaluation, we have determined that the existing monopole and foundation **ARE IN CONFORMANCE** with the ANSI/TIA-222-G Standard for the loading considered under the criteria listed in this report. The monopole structure is rated at **30.1%** - (Base Plate at EL.0' Controlling).

HUDSON Design Group LLC

APPURTENANCES CONFIGURATION:

Tenant	Appurtenances	Elev.	Mount
	(1) 2' Dish	153'	Side Mount Standoff
VERIZON	(3) SBNHH-1D65B Antennas	135'	Steel Platform
VERIZON	(2) OVP Box	135'	Steel Platform
VERIZON	***(6) JAHH-65B-R3B Antennas***	135'	Steel Platform
VERIZON	***(3) MT6407-77A Antennas***	135'	Steel Platform
VERIZON	***(3) B2/B66A RRH-BR049***	135'	Steel Platform
VERIZON	***(3) B5/B13 RRH-BR04C***	135'	Steel Platform
VERIZON	***(3) CBC78T-DS-43-2X***	135'	Steel Platform
	(1) 15' Omni	88'	Side Mount Standoff
	(1) 10' Dipole	75'	Side Mount Standoff

Proposed VERIZON Appurtenances shown in Bold.

VERIZON EXISTING/PROPOSED COAX CABLES:

Tenant	Coax Cables	Elev.	Mount
VERIZON	(6) 1 5/8" Cables	135'	Inside Monopole
VERIZON	(2) Fiber Cables	135'	Inside Monopole

Proposed VERIZON Coax Cables shown in Bold.

ANALYSIS RESULTS SUMMARY:

Component	Max. Stress Ratio	Elev. of Component (ft)	Pass/Fail	Comments
Pole Section-L1	11.1 %	130.5 – 149	PASS	
Pole Section-L2	25.2 %	106.4 – 130.5	PASS	
Pole Section-L3	24.4 %	79.6 – 106.4	PASS	
Pole Section-L4	26.9 %	46.1 – 79.6	PASS	
Pole Section-L5	28.9 %	0 – 46.1	PASS	
Base Plate & Anchor Bolts	**30.1 %**	0	PASS	**Controlling**

FOUNDATION ANALYSIS RESULTS SUMMARY:

	Design Reactions x 1.35	Proposed Reactions	Pass/Fail	Comments
AXIAL	83.5 k	**41.0 k**	PASS	
SHEAR	56.8 k	**25.4 k**	PASS	
MOMENT	6614 ft-k	**2327 ft-k**	PASS	

DESIGN CRITERIA:

1. EIA/TIA-222-G Structural Standards for Steel Antenna Towers and Antenna Supporting Structures

   County: Fairfield
   Wind Load: 110 mph (3 second gust)
   Structural Class: III
   Exposure Category: B
   Topographic Category: 1
   Ice Thickness: 0.75 inch

2. Approximate height above grade to proposed antennas: 135'

ASSUMPTIONS:

1. The monopole dimensions, member sizes and material strength are as indicated in the record drawings prepared by Valmont Structures, dated December 11, 2015.

2. The appurtenances configuration is as stated in this report. All antennas, coax cables and waveguide cables are assumed to be properly installed and supported as per the manufacturer's requirements.

3. The monopole and foundation are properly constructed and maintained. All structural members and their connections are assumed to be in good condition and are free from defects with no deterioration to its member capacities.

4. The support mounts and platforms are not analyzed and are considered adequate to support the loading. The analysis is limited to the primary support structure itself.

5. All prior structural modification, if any, are assumed to be as per the data supplied (if available), and installed properly.

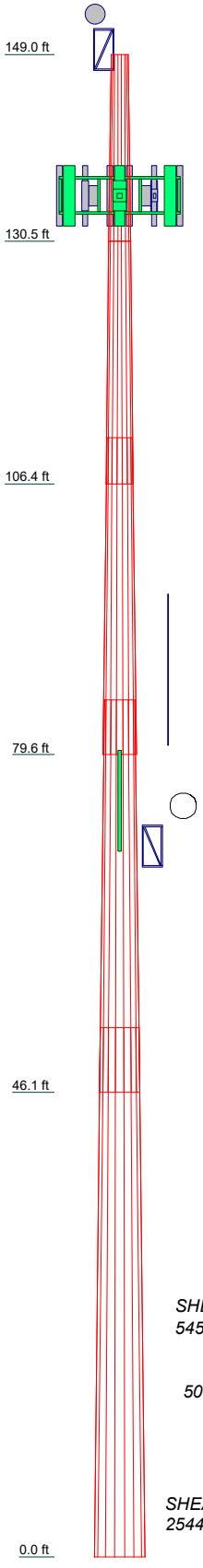
SUPPORT RECOMMENDATIONS:

HDG recommends that the proposed antennas, RRHs and diplexers be mounted on the existing steel platform supported by the monopole.

HUDSON
Design Group LLC

TNX INPUT/OUTPUT

Section	Length (ft)	Number of Sides	Thickness (in)	Socket Length (ft)	Top Dia (in)	Bot Dia (in)	Grade	Weight (lb)
1	18.50	18	0.1875		19.7500	25.0400		832.0
2	24.08	18	0.2500	4.58	25.0400	31.9300		1835.8
3	31.42	18	0.3750	5.42	30.1195	39.1100		4357.2
4	38.92	18	0.4375	6.42	36.8091	47.9400		7712.4
5	52.50	18	0.5000		45.2289	60.2500		14810.5
							A572-65	29548.0



ALL REACTIONS ARE FACTORED

AXIAL 66891 lb

SHEAR 5456 lb

MOMENT 489942 lb-ft

TORQUE 457 lb-ft
50.0 mph WIND - 0.7500 in ICE

AXIAL 41020 lb

SHEAR 25447 lb

MOMENT 2326680 lb-ft

TORQUE 1304 lb-ft
REACTIONS - 110.0 mph WIND

DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
Andrew 2' w/Radome	153	MT6407-77A w/mount pipe	135
2' Side Mount Standoff	149.5	B2/B66A RRH-BR049	135
PiROD 13' Low Profile Platform (VERIZON - existing)	135	B2/B66A RRH-BR049	135
SBNHH-1D65B w/ Mount Pipe	135	B2/B66A RRH-BR049	135
SBNHH-1D65B w/ Mount Pipe	135	B5/B13 RRH-BRO4C	135
SBNHH-1D65B w/ Mount Pipe	135	B5/B13 RRH-BRO4C	135
RFS DB-T1-6Z-8AB-0Z	135	B5/B13 RRH-BRO4C	135
RFS DB-T1-6Z-8AB-0Z	135	CBC78T-DS-43-2X	135
(2) JAHH-65B-R3B w/mount pipe (VERIZON - proposed)	135	CBC78T-DS-43-2X	135
(2) JAHH-65B-R3B w/mount pipe	135	CBC78T-DS-43-2X	135
(2) JAHH-65B-R3B w/mount pipe	135	Omni 3"x15'	88
MT6407-77A w/mount pipe	135	10' Dipole	75
MT6407-77A w/mount pipe	135	Pirod 4' Side Mount Standoff (1)	70.5
		Pirod 4' Side Mount Standoff (1)	70.5

MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A572-65	65 ksi	80 ksi			

TOWER DESIGN NOTES

1. Tower is located in Fairfield County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-G Standard.
3. Tower designed for a 110.0 mph basic wind in accordance with the TIA-222-G Standard.
4. Tower is also designed for a 50.0 mph basic wind with 0.75 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60.0 mph wind.
6. Tower Structure Class III.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. TOWER RATING: 30.1%

Hudson Design Group LLC
45 Beechwood Drive
North Andover, MA 01845
Phone: (P) 978.557.5553
FAX: (F) 978.336.5586

Job: ***REDDING NE***		
Project: ***149 ft Monopole***		
Client: VERIZON	Drawn by: kw	App'd:
Code: TIA-222-G	Date: 04/19/21	Scale: NTS
Path:		Dwg No. E-1

Tower Input Data

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

Tower is located in Fairfield County, Connecticut.
Basic wind speed of 110.0 mph.
Structure Class III.
Exposure Category B.
Topographic Category 1.
Crest Height 0.00 ft.
Nominal ice thickness of 0.7500 in.
Ice thickness is considered to increase with height.
Ice density of 56.0 pcf.
A wind speed of 50.0 mph is used in combination with ice.
Temperature drop of 50.0 °F.
Deflections calculated using a wind speed of 60.0 mph.
A non-linear (P-delta) analysis was used.
Pressures are calculated at each section.
Stress ratio used in pole design is 1.
Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

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	149.00-130.50	18.50	0.00	18	19.7500	25.0400	0.1875	0.7500	A572-65 (65 ksi)
L2	130.50-106.42	24.08	4.58	18	25.0400	31.9300	0.2500	1.0000	A572-65 (65 ksi)
L3	106.42-79.58	31.42	5.42	18	30.1195	39.1100	0.3750	1.5000	A572-65 (65 ksi)
L4	79.58-46.08	38.92	6.42	18	36.8091	47.9400	0.4375	1.7500	A572-65 (65 ksi)
L5	46.08-0.00	52.50		18	45.2289	60.2500	0.5000	2.0000	A572-65 (65 ksi)

Tapered Pole Properties

Section	*Tip Dia.* *in*	*Area* *in²*	*I* *in⁴*	*r* *in*	*C* *in*	*I/C* *in³*	*J* *in⁴*	*It/Q* *in²*	*w* *in*	*w/t*
L1	20.0258	11.6421	562.8837	6.9447	10.0330	56.1032	1126.5082	5.8222	3.1460	16.779
	25.3974	14.7903	1154.1331	8.8226	12.7203	90.7315	2309.7848	7.3966	4.0770	21.744
L2	25.3877	19.6709	1527.2635	8.8004	12.7203	120.0649	3056.5365	9.8373	3.9670	15.868
	32.3840	25.1381	3187.4245	11.2464	16.2204	196.5067	6379.0430	12.5714	5.1797	20.719
L3	31.8571	35.4034	3957.2806	10.5593	15.3007	258.6336	7919.7682	17.7051	4.6410	12.376
	39.6555	46.1043	8739.4947	13.7509	19.8679	439.8806	17490.4890	23.0565	6.2234	16.596
L4	38.8835	50.5066	8441.3263	12.9119	18.6990	451.4311	16893.7599	25.2581	5.7084	13.048

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
	48.6121	65.9632	18804.9347	16.8634	24.3535	772.1650	37634.6134	32.9878	7.6674	17.526
L5	47.7147	70.9848	17942.3631	15.8788	22.9763	780.9077	35908.3353	35.4991	7.0803	14.161
	61.1023	94.8233	42768.9025	21.2113	30.6070	1397.3569	85594.0814	47.4206	9.7240	19.448

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 149.00-130.50				1	1	1			
L2 130.50-106.42				1	1	1			
L3 106.42-79.58				1	1	1			
L4 79.58-46.08				1	1	1			
L5 46.08-0.00				1	1	1			

Monopole Base Plate Data

Base Plate Data	
Base plate is square	
Base plate is grouted	
Anchor bolt grade	A615-75
Anchor bolt size	2.2500 in
Number of bolts	24
Embedment length	54.0000 in
f'_c	4.0 ksi
Grout space	2.0000 in
Base plate grade	A572-50
Base plate thickness	3.5000 in
Bolt circle diameter	67.6800 in
Outer diameter	74.8200 in
Inner diameter	45.0000 in
Base plate type	Plain Plate

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 plf
7/8	A	No	No	Inside Pole	149.00 - 8.00	2	No Ice	0.00	0.54
							1/2" Ice	0.00	0.54
							1" Ice	0.00	0.54
7/8	A	No	No	Inside Pole	71.00 - 8.00	1	No Ice	0.00	0.54
							1/2" Ice	0.00	0.54
							1" Ice	0.00	0.54
7/8	A	No	No	Inside Pole	71.00 - 8.00	1	No Ice	0.00	0.54
							1/2" Ice	0.00	0.54
							1" Ice	0.00	0.54
********									
1 5/8 (VERIZON -	B	No	No	Inside Pole	135.00 - 8.00	6	No Ice	0.00	1.04
							1/2" Ice	0.00	1.04

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
existing)							1" Ice	0.00	1.04
1 5/8 Fiber Cable	B	No	No	Inside Pole	135.00 - 8.00	2	No Ice	0.00	1.04
							1/2" Ice	0.00	1.04
							1" Ice	0.00	1.04

Discrete Tower Loads

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 lb
2' Side Mount Standoff	A	From Face	1.00	0.0000	149.50	No Ice	1.00	1.00	30.00
			0.00			1/2" Ice	1.50	1.50	50.00
			0.00			1" Ice	2.00	2.00	70.00
Pirod 4' Side Mount Standoff	B	From Face	2.00	0.0000	70.50	No Ice	2.72	2.72	50.00
(1)			0.00			1/2" Ice	4.91	4.91	89.00
			0.00			1" Ice	7.10	7.10	128.00
Omni 3"x15'	B	From Face	4.00	0.0000	88.00	No Ice	4.50	4.50	70.00
			0.00			1/2" Ice	6.03	6.03	102.48
			0.00			1" Ice	7.58	7.58	144.58
Pirod 4' Side Mount Standoff	C	From Face	2.00	0.0000	70.50	No Ice	2.72	2.72	50.00
(1)			0.00			1/2" Ice	4.91	4.91	89.00
			0.00			1" Ice	7.10	7.10	128.00
10' Dipole	C	From Face	4.00	0.0000	75.00	No Ice	3.41	3.41	25.00
			0.00			1/2" Ice	4.97	4.97	53.13
			0.00			1" Ice	5.57	5.57	87.92
******									
PiROD 13' Low Profile	A	None		0.0000	135.00	No Ice	15.70	15.70	1300.00
Platform						1/2" Ice	20.10	20.10	1765.00
(VERIZON - existing)						1" Ice	24.50	24.50	2230.00
SBNHH-1D65B w/ Mount	A	From Face	3.00	0.0000	135.00	No Ice	8.42	7.09	66.55
Pipe			0.00			1/2" Ice	8.98	8.27	135.68
			0.00			1" Ice	9.50	9.17	212.84
SBNHH-1D65B w/ Mount	B	From Face	3.00	0.0000	135.00	No Ice	8.42	7.09	66.55
Pipe			0.00			1/2" Ice	8.98	8.27	135.68
			0.00			1" Ice	9.50	9.17	212.84
SBNHH-1D65B w/ Mount	C	From Face	3.00	0.0000	135.00	No Ice	8.42	7.09	66.55
Pipe			0.00			1/2" Ice	8.98	8.27	135.68
			0.00			1" Ice	9.50	9.17	212.84
RFS DB-T1-6Z-8AB-0Z	A	From Face	2.00	0.0000	135.00	No Ice	4.80	2.00	44.00
			0.00			1/2" Ice	5.07	2.19	80.13
			0.00			1" Ice	5.35	2.39	120.22
RFS DB-T1-6Z-8AB-0Z	B	From Face	2.00	0.0000	135.00	No Ice	4.80	2.00	44.00
			0.00			1/2" Ice	5.07	2.19	80.13
			0.00			1" Ice	5.35	2.39	120.22
******									
(2) JAHH-65B-R3B w/mount	A	From Face	3.00	0.0000	135.00	No Ice	9.59	7.88	92.50
pipe			0.00			1/2" Ice	10.26	9.17	171.68
(VERIZON - proposed)			0.00			1" Ice	10.90	10.31	259.22
(2) JAHH-65B-R3B w/mount	B	From Face	3.00	0.0000	135.00	No Ice	9.59	7.88	92.50
pipe			0.00			1/2" Ice	10.26	9.17	171.68
			0.00			1" Ice	10.90	10.31	259.22
(2) JAHH-65B-R3B w/mount	C	From Face	3.00	0.0000	135.00	No Ice	9.59	7.88	92.50

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 lb
pipe			0.00			1/2" Ice	10.26	9.17	171.68
			0.00			1" Ice	10.90	10.31	259.22
MT6407-77A w/mount pipe	A	From Face	3.00	0.0000	135.00	No Ice	5.19	3.03	105.35
			0.00			1/2" Ice	5.61	3.56	147.92
			0.00			1" Ice	6.03	4.10	195.83
MT6407-77A w/mount pipe	B	From Face	3.00	0.0000	135.00	No Ice	5.19	3.03	105.35
			0.00			1/2" Ice	5.61	3.56	147.92
			0.00			1" Ice	6.03	4.10	195.83
MT6407-77A w/mount pipe	C	From Face	3.00	0.0000	135.00	No Ice	5.19	3.03	105.35
			0.00			1/2" Ice	5.61	3.56	147.92
			0.00			1" Ice	6.03	4.10	195.83
B2/B66A RRH-BR049	A	From Face	3.00	0.0000	135.00	No Ice	1.88	1.25	97.50
			0.00			1/2" Ice	2.05	1.39	115.84
			0.00			1" Ice	2.22	1.54	136.97
B2/B66A RRH-BR049	B	From Face	3.00	0.0000	135.00	No Ice	1.88	1.25	97.50
			0.00			1/2" Ice	2.05	1.39	115.84
			0.00			1" Ice	2.22	1.54	136.97
B2/B66A RRH-BR049	C	From Face	3.00	0.0000	135.00	No Ice	1.88	1.25	97.50
			0.00			1/2" Ice	2.05	1.39	115.84
			0.00			1" Ice	2.22	1.54	136.97
B5/B13 RRH-BRO4C	A	From Face	3.00	0.0000	135.00	No Ice	1.88	1.01	82.00
			0.00			1/2" Ice	2.05	1.14	98.43
			0.00			1" Ice	2.22	1.28	117.53
B5/B13 RRH-BRO4C	B	From Face	3.00	0.0000	135.00	No Ice	1.88	1.01	82.00
			0.00			1/2" Ice	2.05	1.14	98.43
			0.00			1" Ice	2.22	1.28	117.53
B5/B13 RRH-BRO4C	C	From Face	3.00	0.0000	135.00	No Ice	1.88	1.01	82.00
			0.00			1/2" Ice	2.05	1.14	98.43
			0.00			1" Ice	2.22	1.28	117.53
CBC78T-DS-43-2X	A	From Face	3.00	0.0000	135.00	No Ice	0.37	0.51	22.00
			0.00			1/2" Ice	0.45	0.60	28.34
			0.00			1" Ice	0.53	0.70	36.37
CBC78T-DS-43-2X	B	From Face	3.00	0.0000	135.00	No Ice	0.37	0.51	22.00
			0.00			1/2" Ice	0.45	0.60	28.34
			0.00			1" Ice	0.53	0.70	36.37
CBC78T-DS-43-2X	C	From Face	3.00	0.0000	135.00	No Ice	0.37	0.51	22.00
			0.00			1/2" Ice	0.45	0.60	28.34
			0.00			1" Ice	0.53	0.70	36.37
******									

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 lb
Andrew 2' w/Radome	A	Paraboloid w/Radome	From Face	2.00	0.0000		153.00	2.00	No Ice	3.14	70.00
				0.00					1/2" Ice	3.41	282.00
				0.00					1" Ice	3.68	494.00

Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.6 Wind 0 deg - No Ice
3	0.9 Dead+1.6 Wind 0 deg - No Ice
4	1.2 Dead+1.6 Wind 30 deg - No Ice
5	0.9 Dead+1.6 Wind 30 deg - No Ice
6	1.2 Dead+1.6 Wind 60 deg - No Ice
7	0.9 Dead+1.6 Wind 60 deg - No Ice
8	1.2 Dead+1.6 Wind 90 deg - No Ice
9	0.9 Dead+1.6 Wind 90 deg - No Ice
10	1.2 Dead+1.6 Wind 120 deg - No Ice
11	0.9 Dead+1.6 Wind 120 deg - No Ice
12	1.2 Dead+1.6 Wind 150 deg - No Ice
13	0.9 Dead+1.6 Wind 150 deg - No Ice
14	1.2 Dead+1.6 Wind 180 deg - No Ice
15	0.9 Dead+1.6 Wind 180 deg - No Ice
16	1.2 Dead+1.6 Wind 210 deg - No Ice
17	0.9 Dead+1.6 Wind 210 deg - No Ice
18	1.2 Dead+1.6 Wind 240 deg - No Ice
19	0.9 Dead+1.6 Wind 240 deg - No Ice
20	1.2 Dead+1.6 Wind 270 deg - No Ice
21	0.9 Dead+1.6 Wind 270 deg - No Ice
22	1.2 Dead+1.6 Wind 300 deg - No Ice
23	0.9 Dead+1.6 Wind 300 deg - No Ice
24	1.2 Dead+1.6 Wind 330 deg - No Ice
25	0.9 Dead+1.6 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 Reactions

Location	Condition	Gov. Load Comb.	Vertical lb	Horizontal, X lb	Horizontal, Z lb
Pole	Max. Vert	26	66891.40	0.00	0.00
	Max. H_x	20	41019.76	25389.14	4.79
	Max. H_z	2	41019.76	-6.63	25167.11
	Max. M_x	2	2286305.22	-6.63	25167.11
	Max. M_z	8	2326680.29	-25447.18	-5.35
	Max. Torsion	15	1282.63	-23.37	-25221.13
	Min. Vert	17	30764.82	12651.74	-21813.39
	Min. H_x	8	41019.76	-25447.18	-5.35
	Min. H_z	14	41019.76	-23.37	-25221.13
	Min. M_x	14	-2294184.00	-23.37	-25221.13
	Min. M_z	20	-2316964.23	25389.14	4.79
	Min. Torsion	3	-1303.57	-6.63	25167.10

Tower Mast Reaction Summary

Load Combination	Vertical lb	$Shear_x$ lb	$Shear_z$ lb	Overturning Moment, M_x lb-ft	Overturning Moment, M_z lb-ft	Torque lb-ft
Dead Only	34183.13	0.00	0.00	-217.23	-277.19	0.00
1.2 Dead+1.6 Wind 0 deg - No Ice	41019.76	6.63	-25167.11	-2286305.22	-1368.93	1300.36
0.9 Dead+1.6 Wind 0 deg - No Ice	30764.82	6.63	-25167.10	-2277703.43	-1279.11	1303.57
1.2 Dead+1.6 Wind 30 deg - No Ice	41019.76	12699.75	-21785.68	-1978523.33	-1159801.18	1145.88
0.9 Dead+1.6 Wind 30 deg - No Ice	30764.82	12699.75	-21785.68	-1971071.71	-1155376.17	1148.12
1.2 Dead+1.6 Wind 60 deg - No Ice	41019.76	22009.33	-12590.33	-1144336.91	-2010561.47	641.28
0.9 Dead+1.6 Wind 60 deg - No Ice	30764.82	22009.33	-12590.33	-1139996.33	-2002949.86	641.97
1.2 Dead+1.6 Wind 90 deg - No Ice	41019.76	25447.18	5.35	565.30	-2326680.29	-25.98
0.9 Dead+1.6 Wind 90 deg - No Ice	30764.82	25447.18	5.35	630.45	-2317879.99	-27.04
1.2 Dead+1.6 Wind 120 deg - No Ice	41019.76	22037.64	12633.66	1150550.51	-2014970.90	-637.99
0.9 Dead+1.6 Wind 120 deg - No Ice	30764.82	22037.64	12633.66	1146315.95	-2007338.25	-640.53
1.2 Dead+1.6 Wind 150 deg - No Ice	41019.76	12728.23	21879.72	1992638.33	-1164235.82	-1079.12
0.9 Dead+1.6 Wind 150 deg - No Ice	30764.82	12728.23	21879.72	1985255.03	-1159789.64	-1082.46
1.2 Dead+1.6 Wind 180 deg - No Ice	41019.76	23.37	25221.13	2294184.00	-3979.09	-1279.42
0.9 Dead+1.6 Wind 180 deg - No Ice	30764.82	23.37	25221.13	2285680.35	-3876.77	-1282.63
1.2 Dead+1.6 Wind 210 deg - No Ice	41019.76	-12651.74	21813.39	1982304.66	1151644.29	-1145.83
0.9 Dead+1.6 Wind 210 deg - No Ice	30764.82	-12651.74	21813.39	1974970.91	1147424.96	-1148.07
1.2 Dead+1.6 Wind 240 deg - No Ice	41019.76	-21947.54	12589.29	1143637.85	2000260.16	-662.13
0.9 Dead+1.6 Wind 240 deg - No Ice	30764.82	-21947.54	12589.29	1139436.52	1992864.67	-662.83
1.2 Dead+1.6 Wind 270 deg -	41019.76	-25389.14	-4.79	-1016.41	2316964.23	13.80

Load Combination	Vertical lb	$Shear_x$ lb	$Shear_z$ lb	Overturning Moment, M_x lb-ft	Overturning Moment, M_z lb-ft	Torque lb-ft
No Ice 0.9 Dead+1.6 Wind 270 deg - No Ice	30764.82	-25389.14	-4.79	-943.68	2308377.30	14.85
1.2 Dead+1.6 Wind 300 deg - No Ice	41019.76	-22006.58	-12615.72	-1148294.37	2009457.89	638.17
0.9 Dead+1.6 Wind 300 deg - No Ice	30764.82	-22006.58	-12615.72	-1143935.03	2002018.40	640.71
1.2 Dead+1.6 Wind 330 deg - No Ice	41019.76	-12698.72	-21829.74	-1985389.42	1158966.25	1091.55
0.9 Dead+1.6 Wind 330 deg - No Ice	30764.82	-12698.72	-21829.74	-1977905.14	1154711.88	1094.87
1.2 Dead+1.0 Ice+1.0 Temp	66891.40	-0.00	-0.00	-1373.58	201.32	-0.21
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	66891.40	0.97	-5418.75	-486105.79	71.40	457.23
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	66891.40	2724.52	-4691.37	-420948.71	-244302.24	430.11
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	66891.40	4720.86	-2710.36	-243934.20	-423605.00	281.65
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	66891.40	5455.99	0.78	-1322.43	-489939.72	59.14
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	66891.40	4724.99	2716.68	242048.51	-424263.88	-172.45
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	66891.40	2728.67	4705.08	420243.46	-244964.98	-357.90
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	66891.40	3.41	5426.63	484469.21	-318.26	-454.41
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	66891.40	-2717.52	4695.41	418699.61	243636.07	-430.69
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	66891.40	-4711.85	2710.21	241015.81	422617.97	-285.64
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	66891.40	-5447.53	-0.70	-1558.55	489039.77	-61.75
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	66891.40	-4720.46	-2714.07	-244524.97	423991.74	171.85
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	66891.40	-2724.37	-4697.79	-421974.06	244729.32	359.34
Dead+Wind 0 deg - Service	34183.13	0.96	-3641.06	-330194.50	-429.30	188.45
Dead+Wind 30 deg - Service	34183.13	1837.34	-3151.85	-285769.19	-167638.89	165.51
Dead+Wind 60 deg - Service	34183.13	3184.21	-1821.51	-165361.55	-290439.81	92.34
Dead+Wind 90 deg - Service	34183.13	3681.58	0.77	-103.41	-336069.65	-4.11
Dead+Wind 120 deg - Service	34183.13	3188.30	1827.78	165888.32	-291076.46	-92.74
Dead+Wind 150 deg - Service	34183.13	1841.46	3165.46	287436.60	-168279.26	-156.53
Dead+Wind 180 deg - Service	34183.13	3.38	3648.88	330961.91	-805.83	-185.09
Dead+Wind 210 deg - Service	34183.13	-1830.40	3155.86	285944.89	165998.62	-165.52
Dead+Wind 240 deg - Service	34183.13	-3175.27	1821.36	164890.54	288489.67	-95.71
Dead+Wind 270 deg - Service	34183.13	-3673.18	-0.69	-331.58	334203.80	2.13
Dead+Wind 300 deg - Service	34183.13	-3183.81	-1825.18	-165932.60	289817.24	92.74
Dead+Wind 330 deg - Service	34183.13	-1837.19	-3158.23	-286760.19	167055.10	158.50

Solution Summary

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX lb	PY lb	PZ lb	PX lb	PY lb	PZ lb	% Error
1	0.00	-34183.13	0.00	0.00	34183.13	0.00	0.000%
2	6.63	-41019.76	-25167.10	-6.63	41019.76	25167.11	0.000%
3	6.63	-30764.82	-25167.10	-6.63	30764.82	25167.10	0.000%

Load Comb.	Sum of Applied Forces PX lb	PY lb	PZ lb	Sum of Reactions PX lb	PY lb	PZ lb	% Error
4	12699.75	-41019.76	-21785.68	-12699.75	41019.76	21785.68	0.000%
5	12699.75	-30764.82	-21785.68	-12699.75	30764.82	21785.68	0.000%
6	22009.33	-41019.76	-12590.33	-22009.33	41019.76	12590.33	0.000%
7	22009.33	-30764.82	-12590.33	-22009.33	30764.82	12590.33	0.000%
8	25447.18	-41019.76	5.35	-25447.18	41019.76	-5.35	0.000%
9	25447.18	-30764.82	5.35	-25447.18	30764.82	-5.35	0.000%
10	22037.64	-41019.76	12633.66	-22037.64	41019.76	-12633.66	0.000%
11	22037.64	-30764.82	12633.66	-22037.64	30764.82	-12633.66	0.000%
12	12728.23	-41019.76	21879.72	-12728.23	41019.76	-21879.72	0.000%
13	12728.23	-30764.82	21879.72	-12728.23	30764.82	-21879.72	0.000%
14	23.37	-41019.76	25221.13	-23.37	41019.76	-25221.13	0.000%
15	23.37	-30764.82	25221.13	-23.37	30764.82	-25221.13	0.000%
16	-12651.74	-41019.76	21813.39	12651.74	41019.76	-21813.39	0.000%
17	-12651.74	-30764.82	21813.39	12651.74	30764.82	-21813.39	0.000%
18	-21947.54	-41019.76	12589.29	21947.54	41019.76	-12589.29	0.000%
19	-21947.54	-30764.82	12589.29	21947.54	30764.82	-12589.29	0.000%
20	-25389.14	-41019.76	-4.79	25389.14	41019.76	4.79	0.000%
21	-25389.14	-30764.82	-4.79	25389.14	30764.82	4.79	0.000%
22	-22006.58	-41019.76	-12615.72	22006.58	41019.76	12615.72	0.000%
23	-22006.58	-30764.82	-12615.72	22006.58	30764.82	12615.72	0.000%
24	-12698.72	-41019.76	-21829.74	12698.72	41019.76	21829.74	0.000%
25	-12698.72	-30764.82	-21829.74	12698.72	30764.82	21829.74	0.000%
26	0.00	-66891.40	0.00	0.00	66891.40	0.00	0.000%
27	0.97	-66891.40	-5418.73	-0.97	66891.40	5418.75	0.000%
28	2724.51	-66891.40	-4691.35	-2724.52	66891.40	4691.37	0.000%
29	4720.84	-66891.40	-2710.35	-4720.86	66891.40	2710.36	0.000%
30	5455.96	-66891.40	0.78	-5455.99	66891.40	-0.78	0.000%
31	4724.97	-66891.40	2716.67	-4724.99	66891.40	-2716.68	0.000%
32	2728.66	-66891.40	4705.06	-2728.67	66891.40	-4705.08	0.000%
33	3.41	-66891.40	5426.61	-3.41	66891.40	-5426.63	0.000%
34	-2717.51	-66891.40	4695.39	2717.52	66891.40	-4695.41	0.000%
35	-4711.83	-66891.40	2710.20	4711.85	66891.40	-2710.21	0.000%
36	-5447.50	-66891.40	-0.70	5447.53	66891.40	0.70	0.000%
37	-4720.44	-66891.40	-2714.05	4720.46	66891.40	2714.07	0.000%
38	-2724.36	-66891.40	-4697.77	2724.37	66891.40	4697.79	0.000%
39	0.96	-34183.13	-3641.06	-0.96	34183.13	3641.06	0.000%
40	1837.34	-34183.13	-3151.85	-1837.34	34183.13	3151.85	0.000%
41	3184.21	-34183.13	-1821.51	-3184.21	34183.13	1821.51	0.000%
42	3681.58	-34183.13	0.77	-3681.58	34183.13	-0.77	0.000%
43	3188.30	-34183.13	1827.78	-3188.30	34183.13	-1827.78	0.000%
44	1841.46	-34183.13	3165.46	-1841.46	34183.13	-3165.46	0.000%
45	3.38	-34183.13	3648.88	-3.38	34183.13	-3648.88	0.000%
46	-1830.40	-34183.13	3155.86	1830.40	34183.13	-3155.86	0.000%
47	-3175.27	-34183.13	1821.36	3175.27	34183.13	-1821.36	0.000%
48	-3673.18	-34183.13	-0.69	3673.18	34183.13	0.69	0.000%
49	-3183.81	-34183.13	-1825.18	3183.81	34183.13	1825.18	0.000%
50	-1837.19	-34183.13	-3158.23	1837.19	34183.13	3158.23	0.000%

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	149 - 130.5	5.7635	42	0.3460	0.0010
L2	130.5 - 106.42	4.4358	42	0.3365	0.0005
L3	111 - 79.58	3.1600	42	0.2807	0.0003
L4	85 - 46.08	1.8143	42	0.2072	0.0003
L5	52.5 - 0	0.6801	42	0.1202	0.0001

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
153.00	Andrew 2' w/Radome	42	5.7635	0.3460	0.0010	125417
149.50	2' Side Mount Standoff	42	5.7635	0.3460	0.0010	125417
135.00	PiROD 13' Low Profile Platform	42	4.7527	0.3422	0.0006	44792
88.00	Omni 3"x15'	42	1.9494	0.2152	0.0003	22032
75.00	10' Dipole	42	1.3988	0.1801	0.0002	20990
70.50	Pirod 4' Side Mount Standoff (1)	42	1.2303	0.1679	0.0002	20266

Base Plate Design Data

Plate Thickness in	Number of Anchor Bolts	Anchor Bolt Size in	Actual / Allowable Ratio Bolt Tension lb	Actual / Allowable Ratio Bolt Compression lb	Actual / Allowable Ratio Plate Stress ksi	Actual / Allowable Ratio Stiffener Stress ksi	Controlling Condition	Ratio
3.5000	24	2.2500	67213.76 223654.40 0.30	70464.14 371266.30 0.19	10.838 45.000 0.24		Bolt T	0.30 ✔

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u lb	ϕP_n lb	Ratio $\frac{P_u}{\phi P_n}$
L1	149 - 130.5 (1)	TP25.04x19.75x0.1875	18.50	0.00	0.0	14.7903	-4468.39	1009340.00	0.004
L2	130.5 - 106.42 (2)	TP31.93x25.04x0.25	24.08	0.00	0.0	24.0982	-6432.01	1694230.00	0.004
L3	106.42 - 79.58 (3)	TP39.11x30.1195x0.375	31.42	0.00	0.0	44.2584	-11522.50	3288180.00	0.004
L4	79.58 - 46.08 (4)	TP47.94x36.8091x0.4375	38.92	0.00	0.0	63.4135	-20712.60	4660290.00	0.004
L5	46.08 - 0 (5)	TP60.25x45.2289x0.5	52.50	0.00	0.0	94.8232	-41011.30	6701510.00	0.006

Pole Bending Design Data

Section No.	Elevation ft	Size	M_{ux} lb-ft	ϕM_{nx} lb-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} lb-ft	ϕM_{ny} lb-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L1	149 - 130.5 (1)	TP25.04x19.75x0.1875	54542.00	515982.50	0.106	0.00	515982.50	0.000
L2	130.5 - 106.42 (2)	TP31.93x25.04x0.25	262399.17	1057650.00	0.248	0.00	1057650.00	0.000
L3	106.42 - 79.58 (3)	TP39.11x30.1195x0.375	602793.33	2508691.67	0.240	0.00	2508691.67	0.000
L4	79.58 - 46.08 (4)	TP47.94x36.8091x0.4375	1156408.33	4368791.67	0.265	0.00	4368791.67	0.000
L5	46.08 - 0 (5)	TP60.25x45.2289x0.5	2326683.33	8229691.33	0.283	0.00	8229691.33	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V_u lb	ϕV_n lb	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u lb-ft	ϕT_n lb-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	149 - 130.5 (1)	TP25.04x19.75x0.1875	9749.90	504669.00	0.019	642.28	1034400.00	0.001
L2	130.5 - 106.42 (2)	TP31.93x25.04x0.25	11625.20	847114.00	0.014	642.11	2120516.67	0.000
L3	106.42 - 79.58 (3)	TP39.11x30.1195x0.375	14770.90	1644090.00	0.009	1344.63	5031158.33	0.000
L4	79.58 - 46.08 (4)	TP47.94x36.8091x0.4375	19173.00	2330150.00	0.008	25.99	8760916.67	0.000
L5	46.08 - 0 (5)	TP60.25x45.2289x0.5	25460.70	3350750.00	0.008	25.98	16500333.33	0.000

Pole Interaction Design Data

Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	149 - 130.5 (1)	0.004	0.106	0.000	0.019	0.001	0.111 ✔	1.000	4.8.2 ✔
L2	130.5 - 106.42 (2)	0.004	0.248	0.000	0.014	0.000	0.252 ✔	1.000	4.8.2 ✔
L3	106.42 - 79.58 (3)	0.004	0.240	0.000	0.009	0.000	0.244 ✔	1.000	4.8.2 ✔
L4	79.58 - 46.08 (4)	0.004	0.265	0.000	0.008	0.000	0.269 ✔	1.000	4.8.2 ✔
L5	46.08 - 0 (5)	0.006	0.283	0.000	0.008	0.000	0.289 ✔	1.000	4.8.2 ✔

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P lb	ϕP_{allow} lb	% Capacity	Pass Fail
L1	149 - 130.5	Pole	TP25.04x19.75x0.1875	1	-4468.39	1009340.00	11.1	Pass
L2	130.5 - 106.42	Pole	TP31.93x25.04x0.25	2	-6432.01	1694230.00	25.2	Pass
L3	106.42 - 79.58	Pole	TP39.11x30.1195x0.375	3	-11522.50	3288180.00	24.4	Pass

Section No.	Elevation ft	Component Type	Size	Critical Element	P lb	ϕP_{allow} lb	% Capacity	Pass Fail
L4	79.58 - 46.08	Pole	TP47.94x36.8091x0.4375	4	-20712.60	4660290.00	26.9	Pass
L5	46.08 - 0	Pole	TP60.25x45.2289x0.5	5	-41011.30	6701510.00	28.9	Pass
							Summary	
						Pole (L5)	28.9	Pass
						Base Plate	30.1	Pass
						RATING =	**30.1**	**Pass**

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Antenna Mount Analysis Report and PMI Requirements

Mount Analysis

SMART Tool Project #: 10037904
Maser Consulting Connecticut Project #: 21777032A

March 31, 2021

Site Information	*Site ID:*	*468303-VZW / Redding NE CT-Fire Station*
	Site Name:	*Redding NE CT-Fire Station*
	Carrier Name:	*Verizon Wireless*
	Address:	*186 Black Rock Tpk* *Redding, Connecticut 06876* *Fairfield County*
	Latitude:	*41.30993638°*
	Longitude:	*-73.34759638°*
Structure Information	*Tower Type:*	*149.00-Ft Monopole*
	Mount Type:	*12.50-Ft Platform Mount*

FUZE ID # 16272284

Analysis Results

Platform Mount: **61.3% Pass**

Digitally signed by Taqi Khawaja-Ghulam
Date: 2021.04.02 15:04:07-04'00'

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

Report Prepared By: Chuanjiao Hu

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS Site ID: 1835440, dated March 18, 2021*
Mount Mapping Report	*Level-Up Towers, Site ID: 486303, dated February 18, 2021*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	116 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:	0.977
Seismic Parameters:	S_S:	0.222
	S_1:	0.056
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
132.00	135.00	6	Commscope	JAHH-65B-R3B	Added
		3	Samsung	MT6407-77A	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		2	Raycap	RRFDC-3315-PF-48	Retained
		3	Andrew	SBNHH-1D65B	

Standard Conditions:

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

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

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

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

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

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	21.2 %	Pass
Standoff Horizontal	24.1 %	Pass
Corner Plate	30.9 %	Pass
Platform Crossmember	14.2 %	Pass
Grating Support	13.7 %	Pass
Mount Pipe	34.1 %	Pass
Cross Arm Plate	32.3 %	Pass
Support Rail	33.7 %	Pass
Support Rail Corner	61.3 %	Pass
Kicker	11.2 %	Pass
Mount Connection	33.3 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**61.3%**

Recommendation:

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

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

Attachments:

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

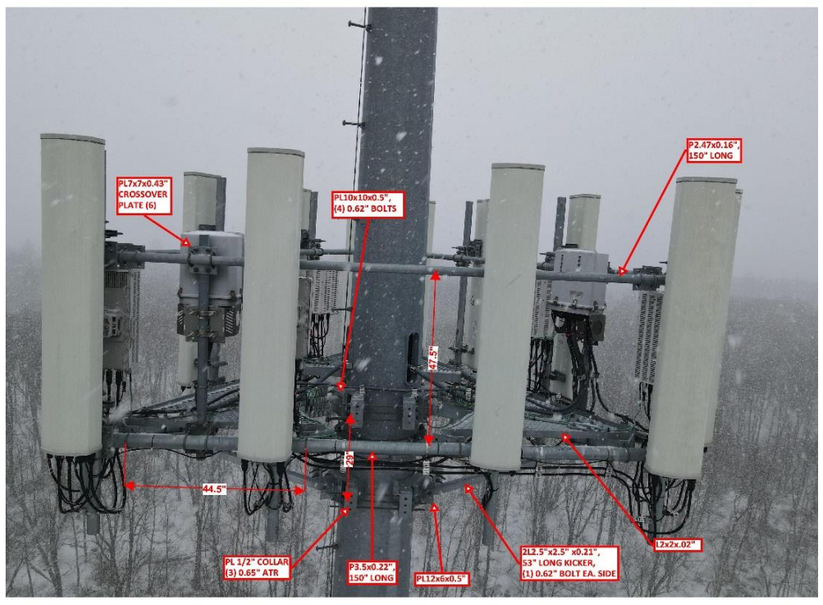

02.18.2021 09:45

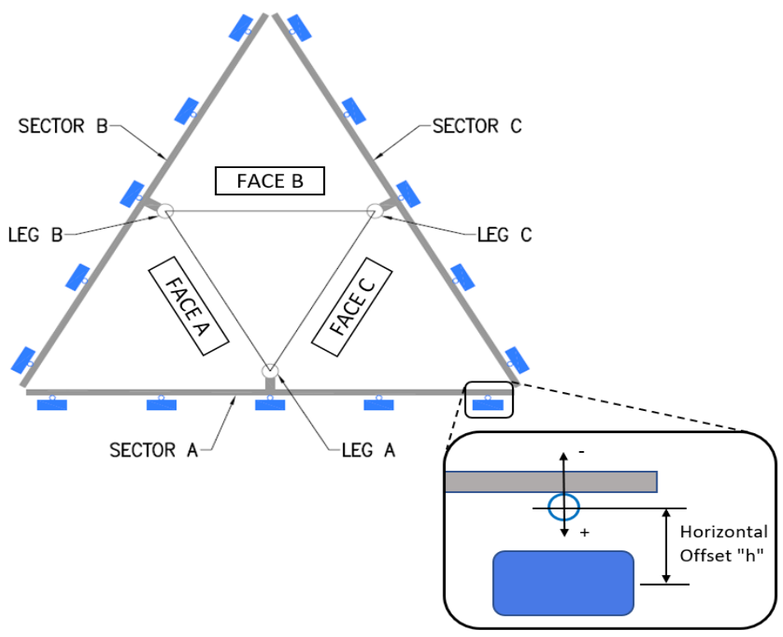
V3.0 Updated on 8-31-2020

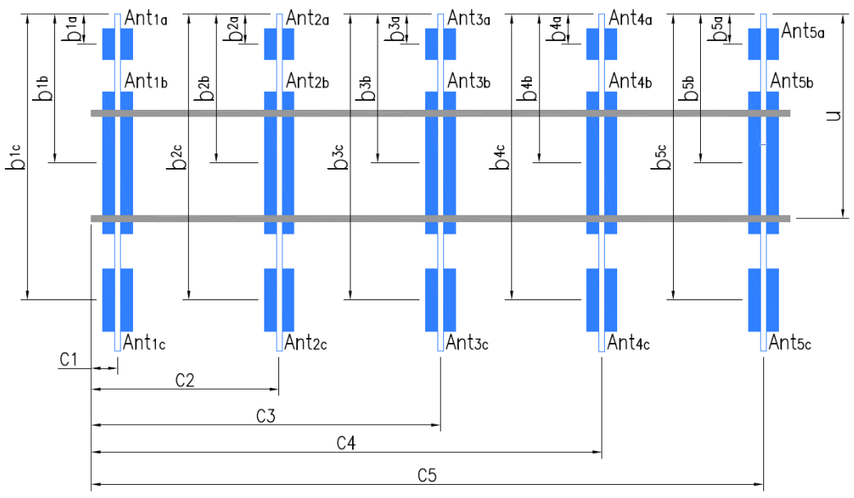
Antenna Mount Mapping Form (PATENT PENDING)

FCC #	

Tower Owner:	Redding Ridge Fire Department	**Mapping Date:**	2/18/2021
Site Name:	Redding NE	**Tower Type:**	Monopole
Site Number or ID:	486303	**Tower Height (Ft.):**	
Mapping Contractor:	Level-Up Towers	**Mount Elevation (Ft.):**	124







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	2.88"x0.21", 96.75" Long	72.50	4.00	C1	2.88"x0.21", 96.75" Long	72.50	4.00
A2	2.88"x0.21", 96.75" Long	72.50	48.00	C2	2.88"x0.21", 96.75" Long	72.50	48.00
A3	2.88"x0.20", 96.75" Long	72.50	103.00	C3	2.88"x0.21", 96.75" Long	72.50	103.00
A4	2.88"x0.20", 96.75" Long	72.50	146.00	C4	2.88"x0.21", 96.75" Long	72.50	146.00
A5				C5			
A6				C6			
B1	2.88"x0.21", 96.75" Long	72.50	4.00	D1			
B2	2.88"x0.21", 96.75" Long	72.50	48.00	D2			
B3	2.88"x0.21", 96.75" Long	72.50	103.00	D3			
B4	2.88"x0.21", 50" Long	72.50	124.50	D4			
B5	2.88"x0.21", 96.75" Long	72.50	146.00	D5			
B6				D6			

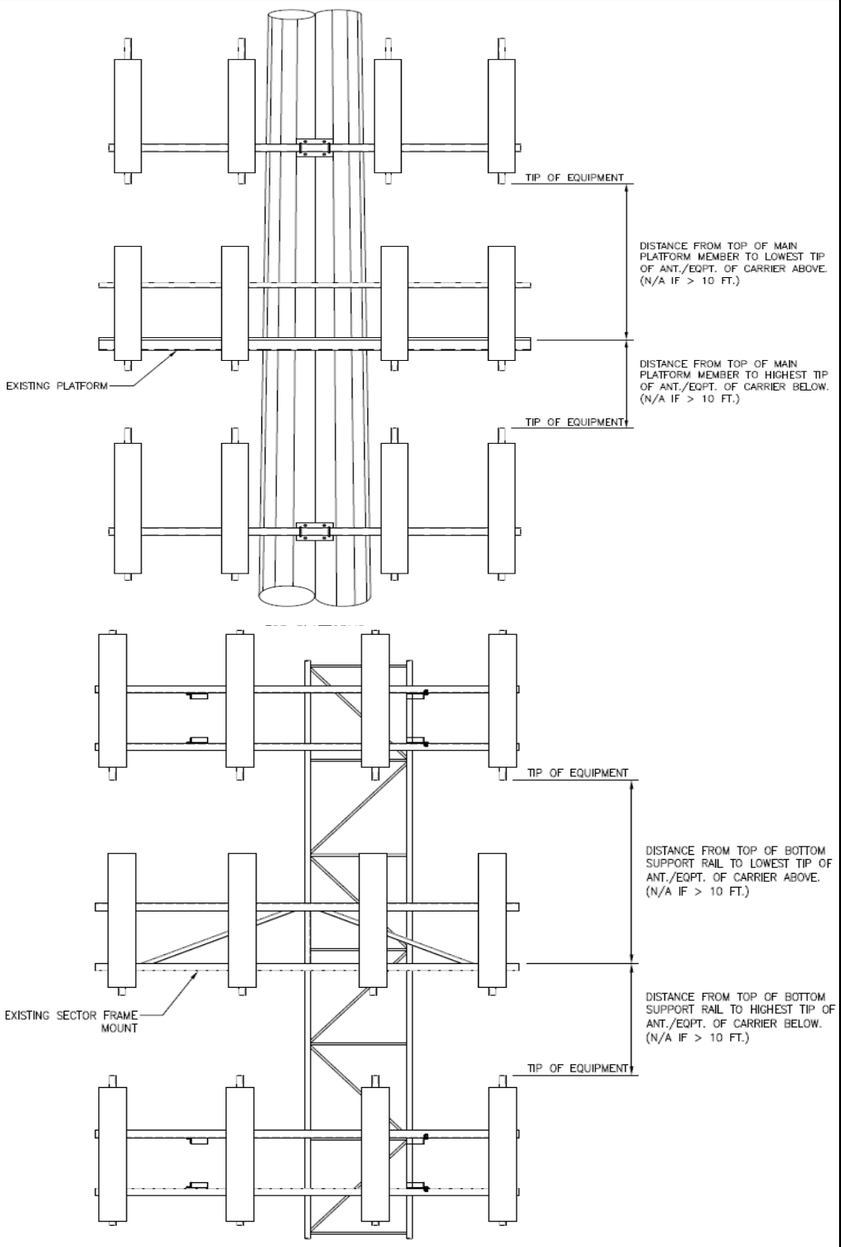
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier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

Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	23.6

	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}	Commscope SBNHH-1	11.85	7.09	72.87		126.875	38.00	10.00	0.00	79
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	Commscope SBNHH-1	11.85	7.09	72.87		126.875	38.00	10.00	0.00	85
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	Commscope SBNHH-1	11.85	7.09	72.87		126.875	38.00	10.00	0.00	91
Ant_{3c}	Alcatel-Lucent B13 RR	11.40	6.90	20.70		126.042	48.00	-5.00		89
Ant_{4a}										
Ant_{4b}	Commscope SBNHH-1	11.85	7.09	72.87		126.875	38.00	10.00	0.00	94
Ant_{4c}	Nokia B66a RRH 4x45	12.00	8.00	22.00		126.042	48.00	-5.00		98
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	355.00	Deg	Leg A:		Deg
Sector B:	115.00	Deg	Leg B:		Deg
Sector C:	235.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information			
Location:	Tower	Deg	Sector C
Climbing Facility	Corrosion Type:		Good condition.
	Access:		N/A
	Condition:		Good condition.



Sector B										
Ant_{1a}										
Ant_{1b}	Commscope SBNHH-1	11.85	7.09	72.87		126.875	38.00	10.00	125.00	100
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	Commscope SBNHH-1	11.85	7.09	72.87		126.875	38.00	10.00	125.00	105
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	Commscope SBNHH-1	11.85	7.09	72.87		126.875	38.00	10.00	125.00	107
Ant_{3c}	Alcatel-Lucent B13 RF	11.40	6.90	20.70		126.042	48.00	-5.00		109
Ant_{4a}										
Ant_{4b}	Raycap	14.00	10.00	27.00		127.708	28.00	-5.00		135
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	Commscope SBNHH-1	11.85	7.09	72.87		126.875	38.00	10.00	125.00	111
Ant_{5c}	Alcatel-Lucent B13 RF	11.40	6.90	20.70		127.708	28.00	-5.00		
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}										
Ant_{1b}	Commscope SBNHH-1	11.85	7.09	72.87		126.875	38.00	10.00	240.00	117
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	Commscope SBNHH-1	11.85	7.09	72.87		126.875	38.00	10.00	240.00	120
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	Commscope SBNHH-1	11.85	7.09	72.87		126.875	38.00	10.00	240.00	124
Ant_{3c}	Alcatel-Lucent B13 RF	11.40	6.90	20.70		127.708	28.00	-5.00		129
Ant_{4a}										
Ant_{4b}	Raycap	14.00	10.00	27.00		127.708	28.00	-5.00		157
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		
2		
3		
4		
5		
6		
7		
8		

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

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

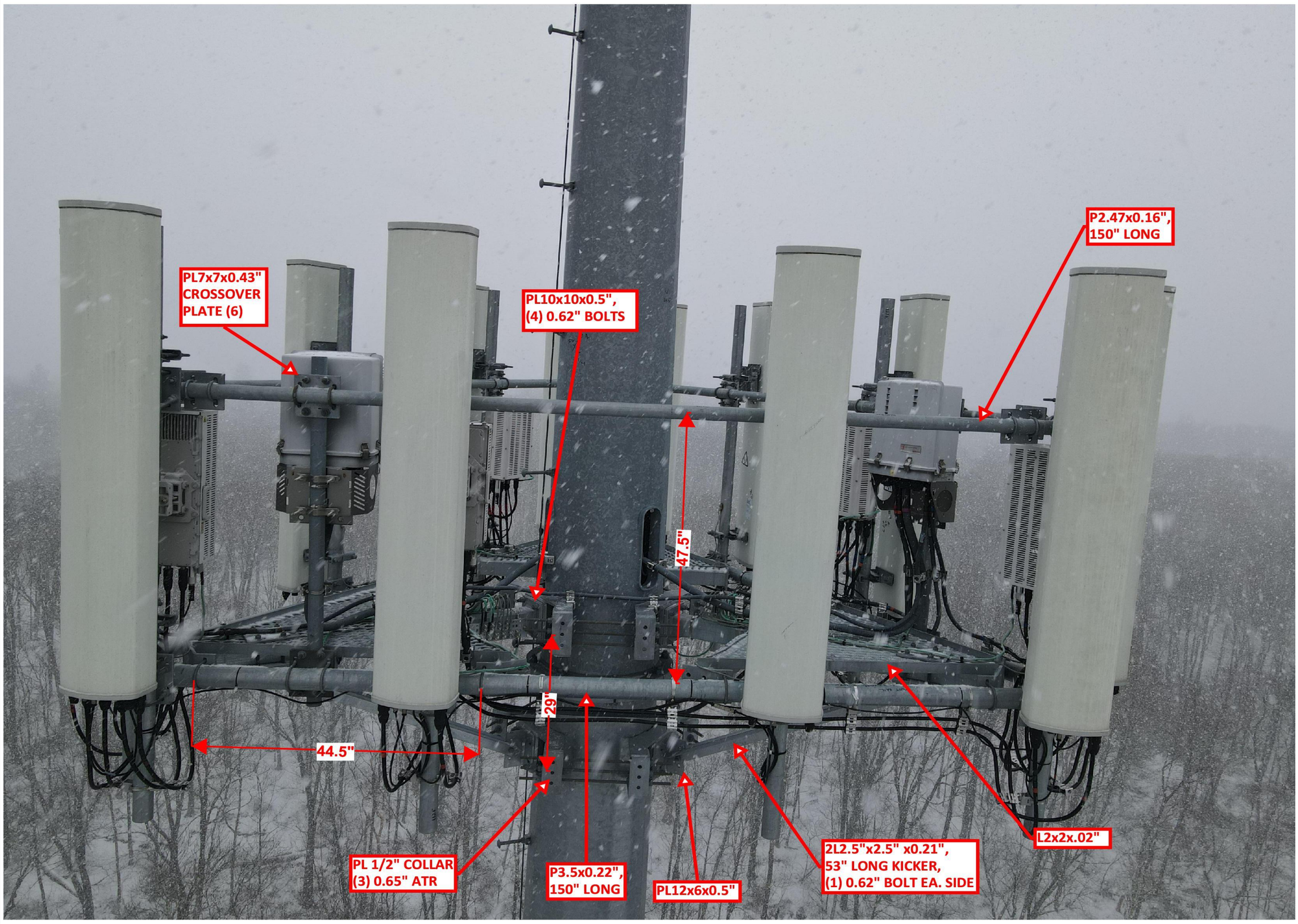
V3.0 Updated on 8-31-2020

Antenna Mount Mapping Form (PATENT PENDING)

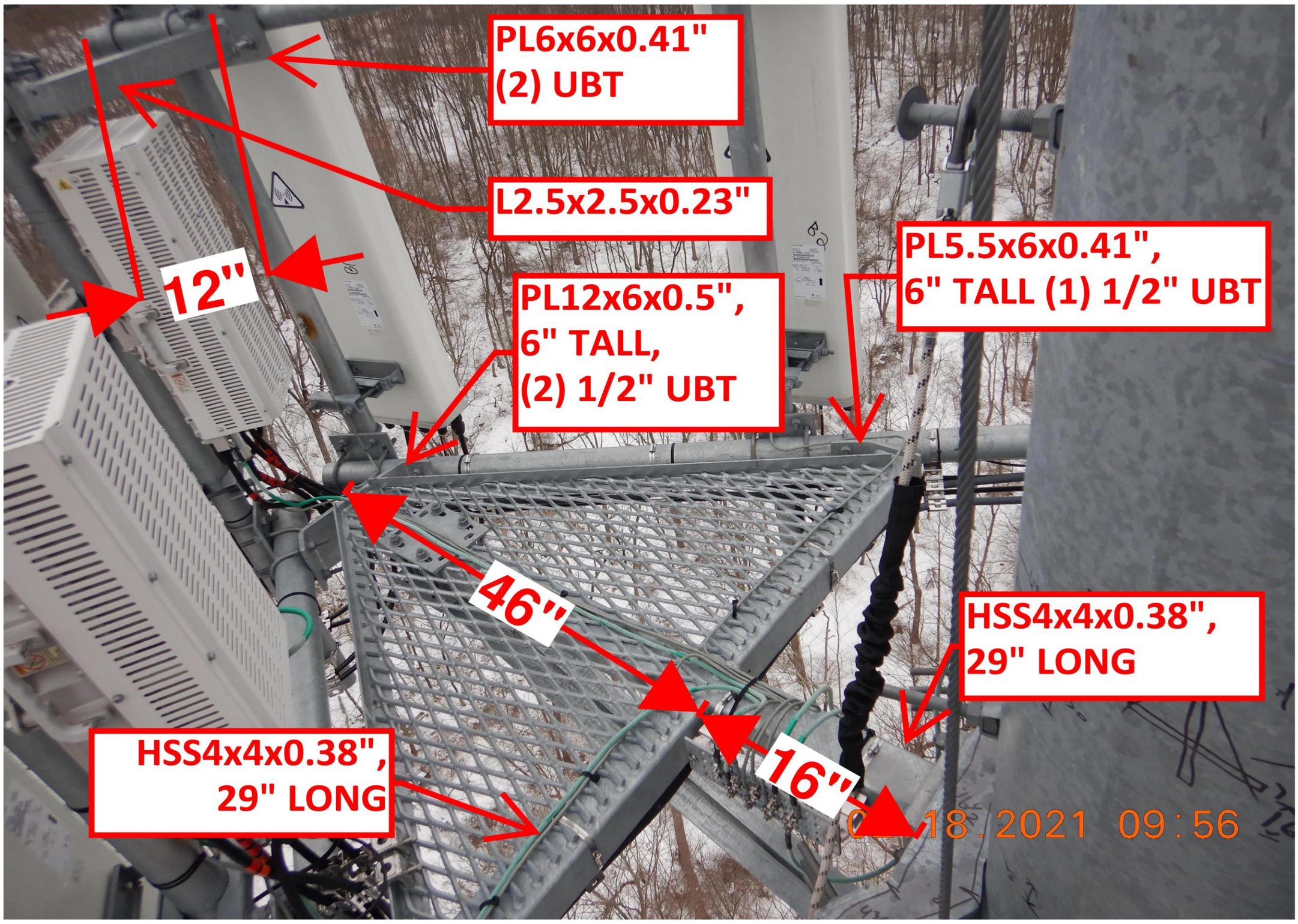
FCC #

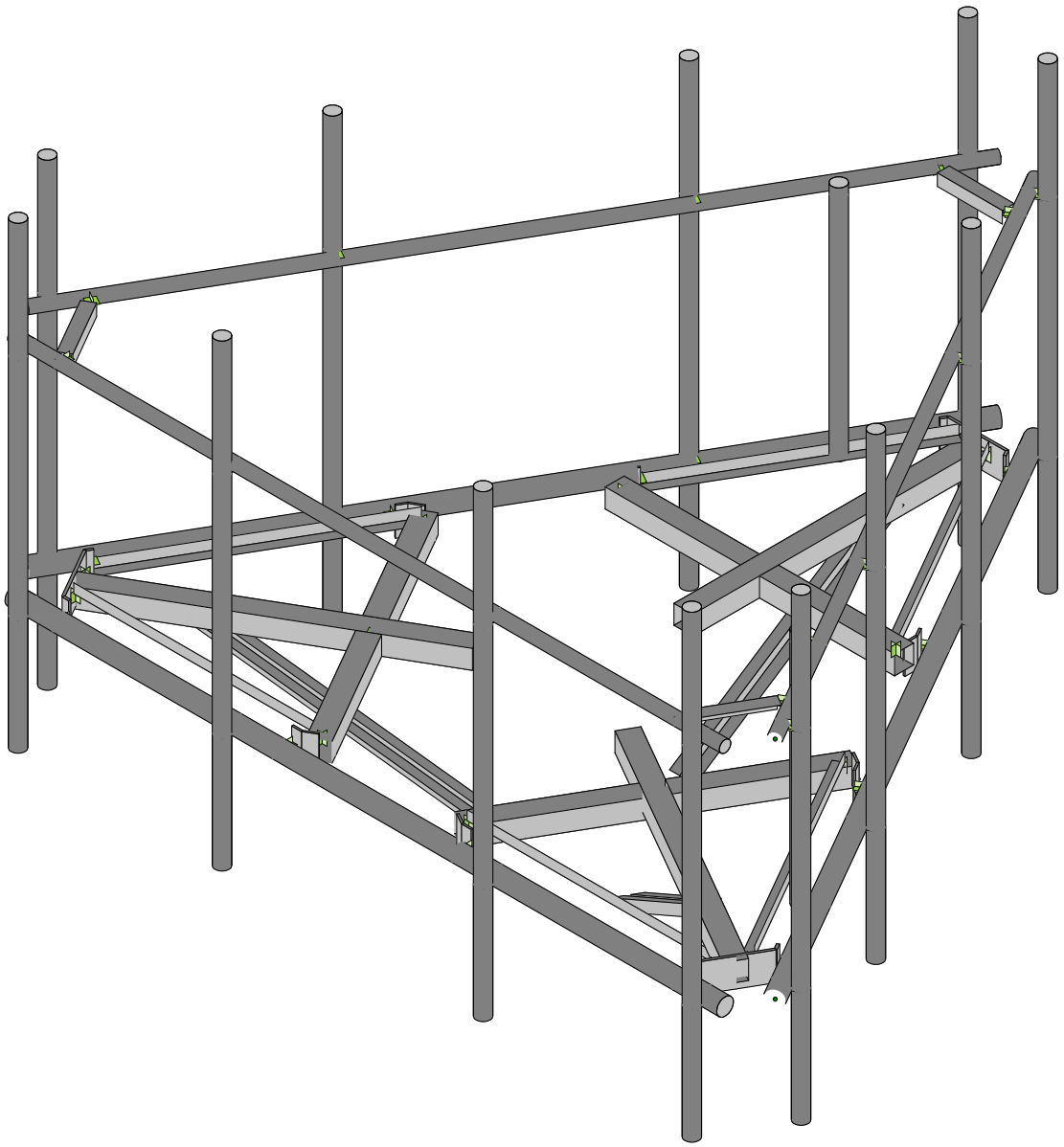
Tower Owner:	Redding Ridge Fire Department	**Mapping Date:**	2/18/2021
Site Name:	Redding NE	**Tower Type:**	Monopole
Site Number or ID:	486303	**Tower Height (Ft.):**	
Mapping Contractor:	Level-Up Towers	**Mount Elevation (Ft.):**	124

Please Insert Sketches of the Antenna Mount



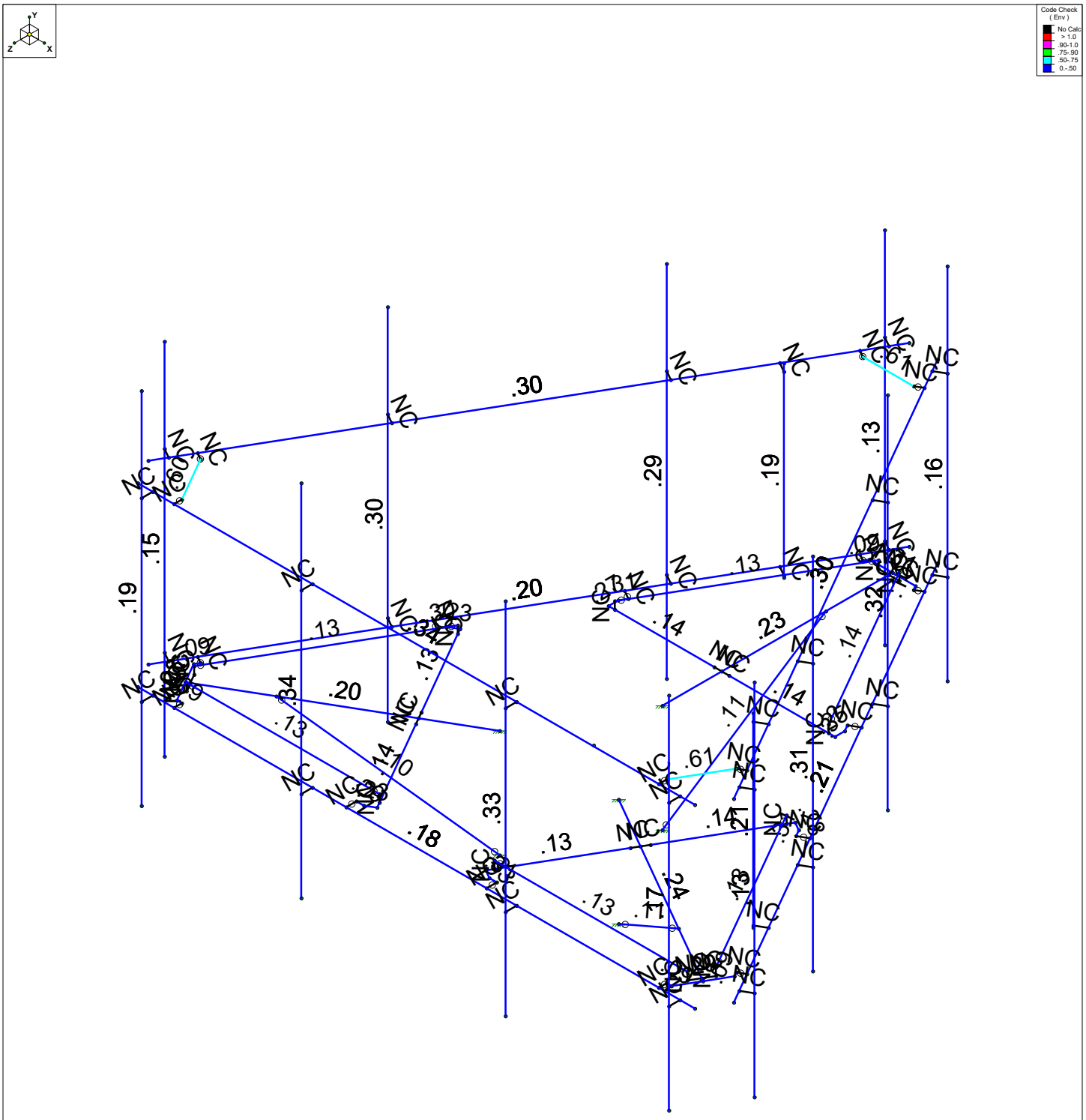
Please Insert Sketches of the Antenna Mount, cont'd





Envelope Only Solution

		SK - 1
		Mar 31, 2021 at 4:40 PM
		468303-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 2
		Mar 31, 2021 at 4:40 PM
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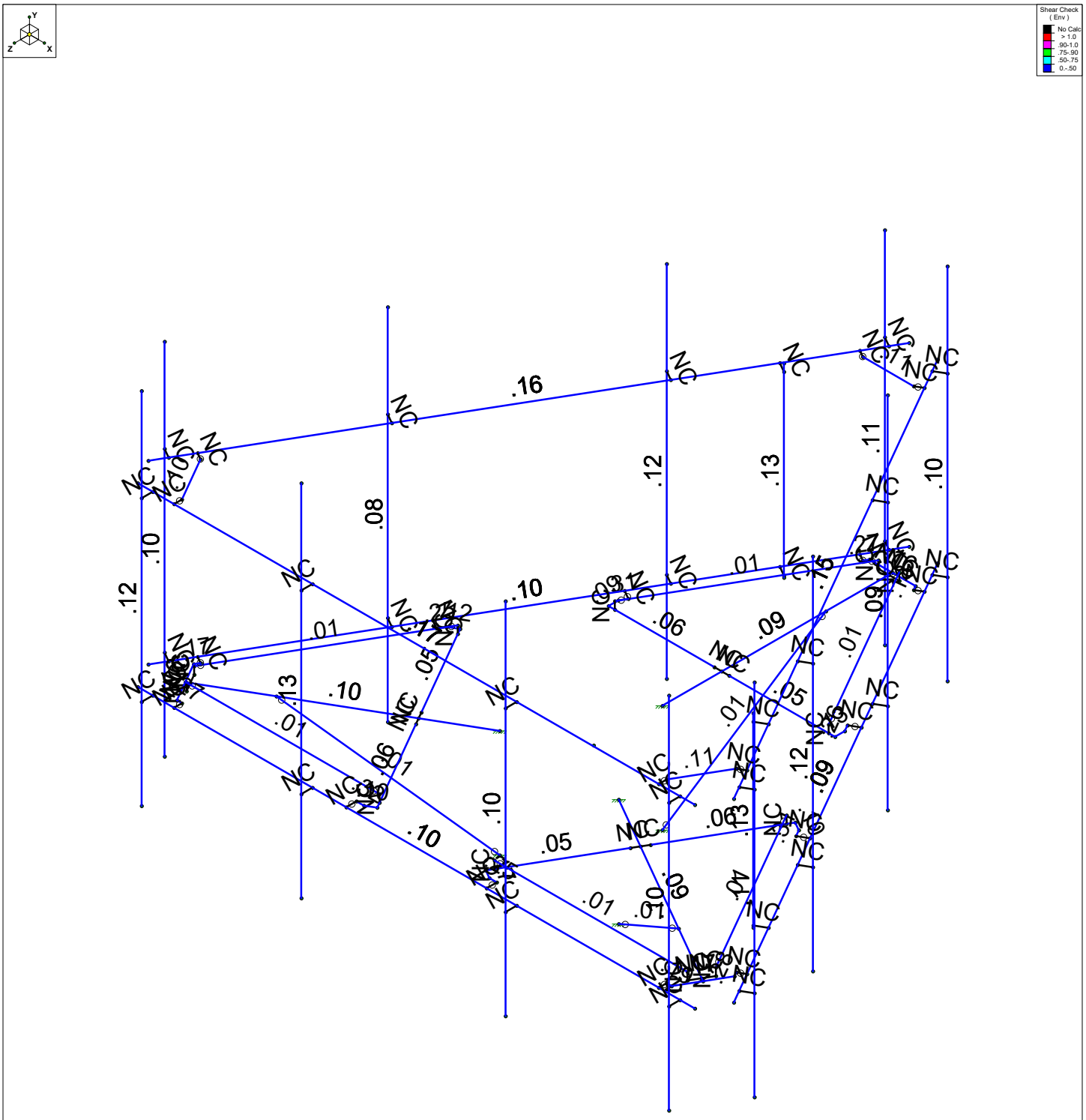


Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 3
		Mar 31, 2021 at 4:40 PM
		468303-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distribut...	Area(Me...	Surface(Pl...
1	Antenna D	None					96			
2	Antenna Di	None					96			
3	Antenna Wo (0 Deg)	None					96			
4	Antenna Wo (30 Deg)	None					96			
5	Antenna Wo (60 Deg)	None					96			
6	Antenna Wo (90 Deg)	None					96			
7	Antenna Wo (120 Deg)	None					96			
8	Antenna Wo (150 Deg)	None					96			
9	Antenna Wo (180 Deg)	None					96			
10	Antenna Wo (210 Deg)	None					96			
11	Antenna Wo (240 Deg)	None					96			
12	Antenna Wo (270 Deg)	None					96			
13	Antenna Wo (300 Deg)	None					96			
14	Antenna Wo (330 Deg)	None					96			
15	Antenna Wi (0 Deg)	None					96			
16	Antenna Wi (30 Deg)	None					96			
17	Antenna Wi (60 Deg)	None					96			
18	Antenna Wi (90 Deg)	None					96			
19	Antenna Wi (120 Deg)	None					96			
20	Antenna Wi (150 Deg)	None					96			
21	Antenna Wi (180 Deg)	None					96			
22	Antenna Wi (210 Deg)	None					96			
23	Antenna Wi (240 Deg)	None					96			
24	Antenna Wi (270 Deg)	None					96			
25	Antenna Wi (300 Deg)	None					96			
26	Antenna Wi (330 Deg)	None					96			
27	Antenna Wm (0 Deg)	None					96			
28	Antenna Wm (30 Deg)	None					96			
29	Antenna Wm (60 Deg)	None					96			
30	Antenna Wm (90 Deg)	None					96			
31	Antenna Wm (120 Deg)	None					96			
32	Antenna Wm (150 Deg)	None					96			
33	Antenna Wm (180 Deg)	None					96			
34	Antenna Wm (210 Deg)	None					96			
35	Antenna Wm (240 Deg)	None					96			
36	Antenna Wm (270 Deg)	None					96			
37	Antenna Wm (300 Deg)	None					96			
38	Antenna Wm (330 Deg)	None					96			
39	Structure D	None		-1					3	
40	Structure Di	None						62	3	
41	Structure Wo (0 Deg)	None						124		
42	Structure Wo (30 Deg)	None						124		
43	Structure Wo (60 Deg)	None						124		
44	Structure Wo (90 Deg)	None						124		
45	Structure Wo (120 Deg)	None						124		
46	Structure Wo (150 Deg)	None						124		
47	Structure Wo (180 Deg)	None						124		
48	Structure Wo (210 Deg)	None						124		
49	Structure Wo (240 Deg)	None						124		
50	Structure Wo (270 Deg)	None						124		
51	Structure Wo (300 Deg)	None						124		
52	Structure Wo (330 Deg)	None						124		
53	Structure Wi (0 Deg)	None						124		
54	Structure Wi (30 Deg)	None						124		
55	Structure Wi (60 Deg)	None						124		
56	Structure Wi (90 Deg)	None						124		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distribut...	Area(Me...	Surface(Pl...
57	Structure Wi (120 Deg)	None						124		
58	Structure Wi (150 Deg)	None						124		
59	Structure Wi (180 Deg)	None						124		
60	Structure Wi (210 Deg)	None						124		
61	Structure Wi (240 Deg)	None						124		
62	Structure Wi (270 Deg)	None						124		
63	Structure Wi (300 Deg)	None						124		
64	Structure Wi (330 Deg)	None						124		
65	Structure Wm (0 Deg)	None						124		
66	Structure Wm (30 Deg)	None						124		
67	Structure Wm (60 Deg)	None						124		
68	Structure Wm (90 Deg)	None						124		
69	Structure Wm (120 Deg)	None						124		
70	Structure Wm (150 Deg)	None						124		
71	Structure Wm (180 Deg)	None						124		
72	Structure Wm (210 Deg)	None						124		
73	Structure Wm (240 Deg)	None						124		
74	Structure Wm (270 Deg)	None						124		
75	Structure Wm (300 Deg)	None						124		
76	Structure Wm (330 Deg)	None						124		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	BLC 39 Transient Area Loads	None						30		
82	BLC 40 Transient Area Loads	None						30		

Load Combinations

	Description	Solve	PDelta	SR...	BLC	F...	B...	Fac...	BLC	Factor	B...	F...	B...	F...	B...	F...	B...	F...	B...	F...	B...	F...	B...	F...	B...	F...
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 (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1										
14	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1										
15	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1										
16	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1										
17	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1										
18	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1										
19	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1										
20	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1										
21	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1										
22	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1										
23	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1										
24	1.2D + 1.0Di + 1.0Wi (...	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												

Load Combinations (Continued)

	Description	Solve	PDelta	SR...	BLC	F...	B...	Fac...	BLC	Factor	B...	F...	B...	F...	B...	F...	B...	F...	B...	F...	B...	F...
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	Seismic Mass		Y		1	1	39	1														
53	1.2D + 1.0Ev + 1.0Eh (...		Y		1	1.2	39	1.2	SX		SY	1	SZ	-1								
54	1.2D + 1.0Ev + 1.0Eh (...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	-....								
55	1.2D + 1.0Ev + 1.0Eh (...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5								
56	1.2D + 1.0Ev + 1.0Eh (...		Y		1	1.2	39	1.2	SX	1	SY	1	SZ									
57	1.2D + 1.0Ev + 1.0Eh (...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	.5								
58	1.2D + 1.0Ev + 1.0Eh (...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	.8...								
59	1.2D + 1.0Ev + 1.0Eh (...		Y		1	1.2	39	1.2	SX		SY	1	SZ	1								
60	1.2D + 1.0Ev + 1.0Eh (...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	.8...								
61	1.2D + 1.0Ev + 1.0Eh (...		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	.5								
62	1.2D + 1.0Ev + 1.0Eh (...		Y		1	1.2	39	1.2	SX	-1	SY	1	SZ									
63	1.2D + 1.0Ev + 1.0Eh (...		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	-.5								
64	1.2D + 1.0Ev + 1.0Eh (...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	-....								

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	6.25	-3.5	3.97719	0	
2	N2	-6.25	-3.5	3.97719	0	
3	N3	-0.	-3.5	-1.541667	0	
4	N5	-2.541667	-3.5	-2.875	0	
5	N8	5.916667	-3.5	3.97719	0	
6	N9	5.916667	-3.5	4.22719	0	
7	N10	-5.916667	-3.5	3.97719	0	
8	N11	-5.916667	-3.5	4.22719	0	
9	N12	2.25	-3.5	3.97719	0	
10	N13	2.25	-3.5	4.22719	0	
11	N14	-2.333333	-3.5	3.97719	0	
12	N15	-2.333333	-3.5	4.22719	0	
13	N16	-2.333333	-5.520833	4.22719	0	
14	N17	-2.333333	2.541667	4.22719	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
15	N18	-5.916667	-5.520833	4.22719	0	
16	N19	-5.916667	2.541667	4.22719	0	
17	N20	2.25	-5.520833	4.22719	0	
18	N21	2.25	2.541667	4.22719	0	
19	N22	5.916667	-5.520833	4.22719	0	
20	N23	5.916667	2.541667	4.22719	0	
21	N24	-0.	-3.5	-2.875	0	
22	N27	-0.	-3.5	-6.708333	0	
23	CP	0	-3.5	0	0	
24	N101	2.541667	-3.5	-2.875	0	
25	N102	-0.166667	-3.5	-2.875	0	
26	N103A	0.166667	-3.5	-2.875	0	
27	N104A	-2.541667	-3.5	-3.09375	0	
28	N105	2.541667	-3.5	-3.09375	0	
29	N131	2.458333	-3.5	-3.238088	0	
30	N135	0.571615	-3.5	-6.611357	0	
31	N144	-2.458333	-3.5	-3.238088	0	
32	N148	-0.571615	-3.5	-6.611357	0	
33	N86A	2.656798	-3.5	-3.352671	0	
34	N86B	-2.656798	-3.5	-3.352671	0	
35	N86C	-0.515625	-3.5	-6.708333	0	
36	N87A	0.515625	-3.5	-6.708333	0	
37	N86D	0.72445	-3.5	-6.699596	0	
38	N86E	-0.72445	-3.5	-6.699596	0	
39	N88A	-0.	-3.5	-6.625	0	
40	N87C	0.234238	-3.333333	-6.625	0	
41	N86G	0.234238	-3.5	-6.625	0	
42	N87B	-0.234238	-3.333333	-6.625	0	
43	N88C	-0.234238	-3.5	-6.625	0	
44	N140B	6.25	0.458333	3.97719	0	
45	N141B	-6.25	0.458333	3.97719	0	
46	N142A	5.916667	0.458333	3.97719	0	
47	N143	5.916667	0.458333	4.22719	0	
48	N144A	-5.916667	0.458333	3.97719	0	
49	N145	-5.916667	0.458333	4.22719	0	
50	N146	2.25	0.458333	3.97719	0	
51	N147	2.25	0.458333	4.22719	0	
52	N148A	-2.333333	0.458333	3.97719	0	
53	N149	-2.333333	0.458333	4.22719	0	
54	N167	0.571615	0.458333	-6.611357	0	
55	N168	0.72445	0.458333	-6.699596	0	
56	N180	-0.571615	0.458333	-6.611357	0	
57	N181	-0.72445	0.458333	-6.699596	0	
58	N190A	-0.	-5.916667	-1.541667	0	
59	N191A	-0.	-3.5	-5.2125	0	
60	N70	2.399301	-3.333333	-2.875	0	
61	N71	-2.399301	-3.333333	-2.875	0	
62	N73	-2.399301	-3.5	-2.875	0	
63	N72	2.399301	-3.5	-2.875	0	
64	N66	0.319348	-3.5	-7.401254	0	
65	N67	6.569348	-3.5	3.424064	0	
66	N69	-6.569348	-3.5	3.424064	0	
67	N70A	-0.319348	-3.5	-7.401254	0	
68	N70B	-1.335122	-3.5	0.770833	0	
69	N71A	-1.21899	-3.5	3.638648	0	
70	N72A	-2.489823	-3.5	1.4375	0	
71	N73A	-5.809587	-3.5	3.354167	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
72	N75	-3.760656	-3.5	-0.763648	0	
73	N76	-2.40649	-3.5	1.581838	0	
74	N77	-2.573156	-3.5	1.293162	0	
75	N78	-1.408433	-3.5	3.748023	0	
76	N79	-3.950099	-3.5	-0.654273	0	
77	N80	-4.033433	-3.5	-0.509935	0	
78	N81	-6.01141	-3.5	2.810646	0	
79	N82	-1.575099	-3.5	3.748023	0	
80	N83	-5.439795	-3.5	3.800711	0	
81	N84	-4.231897	-3.5	-0.624519	0	
82	N85	-1.575099	-3.5	3.97719	0	
83	N86	-5.551775	-3.5	3.800711	0	
84	N87	-6.0674	-3.5	2.907622	0	
85	N88	-6.164245	-3.5	2.722406	0	
86	N89	-5.439795	-3.5	3.97719	0	
87	N90	-5.737418	-3.5	3.3125	0	
88	N91	-5.854537	-3.333333	3.109644	0	
89	N92	-5.854537	-3.5	3.109644	0	
90	N93	-5.6203	-3.333333	3.515356	0	
91	N94	-5.6203	-3.5	3.515356	0	
92	N95	-1.335122	-5.916667	0.770833	0	
93	N96	-4.514157	-3.5	2.60625	0	
94	N97	-3.689474	-3.333333	-0.640356	0	
95	N98	-1.290172	-3.333333	3.515356	0	
96	N99	-1.290172	-3.5	3.515356	0	
97	N100	-3.689474	-3.5	-0.640356	0	
98	N101A	1.335122	-3.5	0.770833	0	
99	N102A	3.760656	-3.5	-0.763648	0	
100	N103	2.489823	-3.5	1.4375	0	
101	N104	5.809587	-3.5	3.354167	0	
102	N106	1.21899	-3.5	3.638648	0	
103	N107	2.573156	-3.5	1.293162	0	
104	N108	2.40649	-3.5	1.581838	0	
105	N109	3.950099	-3.5	-0.654273	0	
106	N110	1.408433	-3.5	3.748023	0	
107	N111	1.575099	-3.5	3.748023	0	
108	N112	5.439795	-3.5	3.800711	0	
109	N113	4.033433	-3.5	-0.509935	0	
110	N114	6.01141	-3.5	2.810646	0	
111	N115	1.575099	-3.5	3.97719	0	
112	N116	4.231897	-3.5	-0.624519	0	
113	N117	6.0674	-3.5	2.907622	0	
114	N118	5.551775	-3.5	3.800711	0	
115	N119	5.439795	-3.5	3.97719	0	
116	N120	6.164245	-3.5	2.722406	0	
117	N121	5.737418	-3.5	3.3125	0	
118	N122	5.6203	-3.333333	3.515356	0	
119	N123	5.6203	-3.5	3.515356	0	
120	N124	5.854537	-3.333333	3.109644	0	
121	N125	5.854537	-3.5	3.109644	0	
122	N126	1.335122	-5.916667	0.770833	0	
123	N127	4.514157	-3.5	2.60625	0	
124	N128	1.290172	-3.333333	3.515356	0	
125	N129	3.689474	-3.333333	-0.640356	0	
126	N130	3.689474	-3.5	-0.640356	0	
127	N131A	1.290172	-3.5	3.515356	0	
128	N129A	0.319348	0.458333	-7.401254	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
129	N130A	6.569348	0.458333	3.424064	0	
130	N132	-6.569348	0.458333	3.424064	0	
131	N133	-0.319348	0.458333	-7.401254	0	
132	N133A	-6.01141	0.458333	2.810646	0	
133	N134	-6.164245	0.458333	2.722406	0	
134	N135A	-5.439795	0.458333	3.800711	0	
135	N136	-5.439795	0.458333	3.97719	0	
136	N138	5.439795	0.458333	3.800711	0	
137	N139	5.439795	0.458333	3.97719	0	
138	N140	6.01141	0.458333	2.810646	0	
139	N141	6.164245	0.458333	2.722406	0	
140	N140A	0.486014	-3.5	-7.112579	0	
141	N141A	0.702521	-3.5	-7.237579	0	
142	N142	6.402681	-3.5	3.135389	0	
143	N143A	6.619187	-3.5	3.010389	0	
144	N144B	2.319348	-3.5	-3.937152	0	
145	N145A	2.535854	-3.5	-4.062152	0	
146	N146A	4.611014	-3.5	0.032131	0	
147	N147A	4.827521	-3.5	-0.092869	0	
148	N148B	4.827521	-5.520833	-0.092869	0	
149	N149A	4.827521	2.541667	-0.092869	0	
150	N150	6.619187	-5.520833	3.010389	0	
151	N151	6.619187	2.541667	3.010389	0	
152	N152	2.535854	-5.520833	-4.062152	0	
153	N153	2.535854	2.541667	-4.062152	0	
154	N154	0.702521	-5.520833	-7.237579	0	
155	N155	0.702521	2.541667	-7.237579	0	
156	N157	0.486014	0.458333	-7.112579	0	
157	N158	0.702521	0.458333	-7.237579	0	
158	N159	6.402681	0.458333	3.135389	0	
159	N160	6.619187	0.458333	3.010389	0	
160	N161	2.319348	0.458333	-3.937152	0	
161	N162	2.535854	0.458333	-4.062152	0	
162	N163	4.611014	0.458333	0.032131	0	
163	N164	4.827521	0.458333	-0.092869	0	
164	N165	-6.402681	-3.5	3.135389	0	
165	N166	-6.619187	-3.5	3.010389	0	
166	N167A	-0.486014	-3.5	-7.112579	0	
167	N168A	-0.702521	-3.5	-7.237579	0	
168	N169	-4.569348	-3.5	-0.040038	0	
169	N170	-4.785854	-3.5	-0.165038	0	
170	N171	-2.277681	-3.5	-4.009321	0	
171	N172	-2.494187	-3.5	-4.134321	0	
172	N173	-2.494187	-5.520833	-4.134321	0	
173	N174	-2.494187	2.541667	-4.134321	0	
174	N175	-0.702521	-5.520833	-7.237579	0	
175	N176	-0.702521	2.541667	-7.237579	0	
176	N177	-4.785854	-5.520833	-0.165038	0	
177	N178	-4.785854	2.541667	-0.165038	0	
178	N179	-6.619187	-5.520833	3.010389	0	
179	N180A	-6.619187	2.541667	3.010389	0	
180	N182	-6.402681	0.458333	3.135389	0	
181	N183	-6.619187	0.458333	3.010389	0	
182	N184	-0.486014	0.458333	-7.112579	0	
183	N185	-0.702521	0.458333	-7.237579	0	
184	N186	-4.569348	0.458333	-0.040038	0	
185	N187	-4.785854	0.458333	-0.165038	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
186	N188	-2.277681	0.458333	-4.009321	0	
187	N189	-2.494187	0.458333	-4.134321	0	
188	N197A	5.290341	-3.5	1.70876	0	
189	N198	5.506848	-3.5	1.58376	0	
190	N199A	5.290341	0.458333	1.70876	0	
191	N200	5.506848	0.458333	1.58376	0	
192	N202	5.290341	-3.541667	1.70876	0	
193	N203	5.290341	.625	1.70876	0	
194	N206	-1.165341	-3.5	-5.43595	0	
195	N207	-1.381848	-3.5	-5.56095	0	
196	N208	-1.165341	0.458333	-5.43595	0	
197	N209	-1.381848	0.458333	-5.56095	0	
198	N211	-1.165341	-3.541667	-5.43595	0	
199	N212	-1.165341	.625	-5.43595	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	Q235	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	Q235	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2x6	Beam	BAR	Q235	Typical	3	.063	9	.237
4	Platform Crossmem...	HSS4X4X4	Beam	SquareTube	Q235	Typical	3.37	7.8	7.8	12.8
5	Grating Support	L2x2x3	Beam	Single Angle	Q235	Typical	.722	.271	.271	.009
6	Mount Pipe	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
7	Cross Arm Plate	PL3/8x6	Column	RECT	Q235	Typical	2.25	.026	6.75	.101
8	Support Rail	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
9	Support Rail Corner	L2.5x2.5x3	Column	Single Angle	Q235	Typical	.901	.535	.535	.011
10	Kicker	LL2.5x2.5x3x3	Column	Double Angle (3...	A36 Gr.36	Typical	1.8	2.46	1.07	.023

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1E5 F)	Density[k/f...	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	M1	N1	N2			Face Horizontal	Beam	Pipe	Q235	Typical
2	M4	N3	N27			Standoff Horizont...	Beam	SquareTube	Q235	Typical
3	M10	N101	N103A			Platform Crossm...	Beam	SquareTube	Q235	Typical
4	M19	N8	N9			RIGID	None	None	RIGID	Typical
5	M20	N10	N11			RIGID	None	None	RIGID	Typical
6	M21	N12	N13			RIGID	None	None	RIGID	Typical
7	M22	N14	N15			RIGID	None	None	RIGID	Typical
8	MP3A	N17	N16			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
9	MP4A	N19	N18			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
10	MP2A	N21	N20			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
11	MP1A	N23	N22			Mount Pipe	Column	Pipe	A53 Gr.B	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
12	M43	N102	N5			Platform Crossm...	Beam	SquareTube	Q235	Typical
13	M46	N86C	N87A			Corner Plate	Beam	BAR	Q235	Typical
14	M51B	N87C	N70			Grating Support	Beam	Single Angle	Q235	Typical
15	M52B	N71	N87B			Grating Support	Beam	Single Angle	Q235	Typical
16	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
17	M58	N102	N24			RIGID	None	None	RIGID	Typical
18	M59	N24	N103A			RIGID	None	None	RIGID	Typical
19	M76	N101	N105			Cross Arm Plate	Column	RECT	Q235	Typical
20	M77	N105	N131			Cross Arm Plate	Column	RECT	Q235	Typical
21	M79	N131	N86A			RIGID	None	None	RIGID	Typical
22	M80	N87A	N135			Corner Plate	Beam	BAR	Q235	Typical
23	M83	N135	N86D			RIGID	None	None	RIGID	Typical
24	M84	N5	N104A			Cross Arm Plate	Column	RECT	Q235	Typical
25	M85	N104A	N144			Cross Arm Plate	Column	RECT	Q235	Typical
26	M88	N144	N86B			RIGID	None	None	RIGID	Typical
27	M91	N86C	N148			Corner Plate	Beam	BAR	Q235	Typical
28	M92	N148	N86E			RIGID	None	None	RIGID	Typical
29	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
30	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
31	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
32	M100	N140B	N141B			Support Rail	Column	Pipe	A53 Gr.B	Typical
33	M101	N142A	N143			RIGID	None	None	RIGID	Typical
34	M102	N144A	N145			RIGID	None	None	RIGID	Typical
35	M103	N146	N147			RIGID	None	None	RIGID	Typical
36	M104	N148A	N149			RIGID	None	None	RIGID	Typical
37	M113	N167	N168			RIGID	None	None	RIGID	Typical
38	M119	N180	N181			RIGID	None	None	RIGID	Typical
39	M123	N180	N167		180	Support Rail Cor...	Column	Single Angle	Q235	Typical
40	M128	N191A	N190A			Kicker	Column	Double Angle ...	A36 Gr.36	Typical
41	M45	N71	N73			RIGID	None	None	RIGID	Typical
42	M45A	N70	N72			RIGID	None	None	RIGID	Typical
43	M43A	N66	N67			Face Horizontal	Beam	Pipe	Q235	Typical
44	M44	N69	N70A			Face Horizontal	Beam	Pipe	Q235	Typical
45	M45B	N70B	N73A			Standoff Horizont...	Beam	SquareTube	Q235	Typical
46	M46A	N75	N77			Platform Crossm...	Beam	SquareTube	Q235	Typical
47	M47	N76	N71A			Platform Crossm...	Beam	SquareTube	Q235	Typical
48	M48	N86	N87			Corner Plate	Beam	BAR	Q235	Typical
49	M49	N91	N97			Grating Support	Beam	Single Angle	Q235	Typical
50	M50A	N98	N93			Grating Support	Beam	Single Angle	Q235	Typical
51	M51C	N93	N94			RIGID	None	None	RIGID	Typical
52	M52A	N76	N72A			RIGID	None	None	RIGID	Typical
53	M53	N72A	N77			RIGID	None	None	RIGID	Typical
54	M54	N75	N79			Cross Arm Plate	Column	RECT	Q235	Typical
55	M55	N79	N80			Cross Arm Plate	Column	RECT	Q235	Typical
56	M56	N80	N84			RIGID	None	None	RIGID	Typical
57	M57	N87	N81			Corner Plate	Beam	BAR	Q235	Typical
58	M58A	N81	N88			RIGID	None	None	RIGID	Typical
59	M59A	N71A	N78			Cross Arm Plate	Column	RECT	Q235	Typical
60	M60	N78	N82			Cross Arm Plate	Column	RECT	Q235	Typical
61	M61	N82	N85			RIGID	None	None	RIGID	Typical
62	M62	N86	N83			Corner Plate	Beam	BAR	Q235	Typical
63	M63	N83	N89			RIGID	None	None	RIGID	Typical
64	M64	N94	N90			RIGID	None	None	RIGID	Typical
65	M65	N90	N92			RIGID	None	None	RIGID	Typical
66	M66	N91	N92			RIGID	None	None	RIGID	Typical
67	M67	N96	N95			Kicker	Column	Double Angle ...	A36 Gr.36	Typical
68	M68	N98	N99			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
69	M69	N97	N100			RIGID	None	None	RIGID	Typical
70	M70	N101A	N104			Standoff Horizont...	Beam	SquareTube	Q235	Typical
71	M71	N106	N108			Platform Crossm...	Beam	SquareTube	Q235	Typical
72	M72	N107	N102A			Platform Crossm...	Beam	SquareTube	Q235	Typical
73	M73	N117	N118			Corner Plate	Beam	BAR	Q235	Typical
74	M74	N122	N128			Grating Support	Beam	Single Angle	Q235	Typical
75	M75	N129	N124			Grating Support	Beam	Single Angle	Q235	Typical
76	M76A	N124	N125			RIGID	None	None	RIGID	Typical
77	M77A	N107	N103			RIGID	None	None	RIGID	Typical
78	M78	N103	N108			RIGID	None	None	RIGID	Typical
79	M79A	N106	N110			Cross Arm Plate	Column	RECT	Q235	Typical
80	M80A	N110	N111			Cross Arm Plate	Column	RECT	Q235	Typical
81	M81	N111	N115			RIGID	None	None	RIGID	Typical
82	M82	N118	N112			Corner Plate	Beam	BAR	Q235	Typical
83	M83A	N112	N119			RIGID	None	None	RIGID	Typical
84	M84A	N102A	N109			Cross Arm Plate	Column	RECT	Q235	Typical
85	M85A	N109	N113			Cross Arm Plate	Column	RECT	Q235	Typical
86	M86	N113	N116			RIGID	None	None	RIGID	Typical
87	M87	N117	N114			Corner Plate	Beam	BAR	Q235	Typical
88	M88A	N114	N120			RIGID	None	None	RIGID	Typical
89	M89	N125	N121			RIGID	None	None	RIGID	Typical
90	M90	N121	N123			RIGID	None	None	RIGID	Typical
91	M91A	N122	N123			RIGID	None	None	RIGID	Typical
92	M92A	N127	N126			Kicker	Column	Double Angle ...	A36 Gr.36	Typical
93	M93	N129	N130			RIGID	None	None	RIGID	Typical
94	M94	N128	N131A			RIGID	None	None	RIGID	Typical
95	M95	N129A	N130A			Support Rail	Column	Pipe	A53 Gr.B	Typical
96	M96	N132	N133			Support Rail	Column	Pipe	A53 Gr.B	Typical
97	M97	N133A	N134			RIGID	None	None	RIGID	Typical
98	M98	N135A	N136			RIGID	None	None	RIGID	Typical
99	M99	N135A	N133A		180	Support Rail Cor...	Column	Single Angle	Q235	Typical
100	M100A	N138	N139			RIGID	None	None	RIGID	Typical
101	M101A	N140	N141			RIGID	None	None	RIGID	Typical
102	M102A	N140	N138		180	Support Rail Cor...	Column	Single Angle	Q235	Typical
103	M103A	N140A	N141A			RIGID	None	None	RIGID	Typical
104	M104A	N142	N143A			RIGID	None	None	RIGID	Typical
105	M105	N144B	N145A			RIGID	None	None	RIGID	Typical
106	M106	N146A	N147A			RIGID	None	None	RIGID	Typical
107	MP3C	N149A	N148B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
108	MP5C	N151	N150			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
109	MP2C	N153	N152			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
110	MP1C	N155	N154			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
111	M111	N157	N158			RIGID	None	None	RIGID	Typical
112	M112	N159	N160			RIGID	None	None	RIGID	Typical
113	M113A	N161	N162			RIGID	None	None	RIGID	Typical
114	M114	N163	N164			RIGID	None	None	RIGID	Typical
115	M115	N165	N166			RIGID	None	None	RIGID	Typical
116	M116	N167A	N168A			RIGID	None	None	RIGID	Typical
117	M117	N169	N170			RIGID	None	None	RIGID	Typical
118	M118	N171	N172			RIGID	None	None	RIGID	Typical
119	MP3B	N174	N173			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
120	MP5B	N176	N175			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
121	MP2B	N178	N177			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
122	MP1B	N180A	N179			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
123	M123A	N182	N183			RIGID	None	None	RIGID	Typical
124	M124	N184	N185			RIGID	None	None	RIGID	Typical
125	M125	N186	N187			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
126	M126	N188	N189			RIGID	None	None	RIGID	Typical
127	M130	N197A	N198			RIGID	None	None	RIGID	Typical
128	M131A	N199A	N200			RIGID	None	None	RIGID	Typical
129	MP4C	N203	N202			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
130	M133	N206	N207			RIGID	None	None	RIGID	Typical
131	M134	N208	N209			RIGID	None	None	RIGID	Typical
132	MP4B	N212	N211			Mount Pipe	Column	Pipe	A53 Gr.B	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes	Default			None
2	M4						Yes				None
3	M10						Yes	Default			None
4	M19						Yes	** NA **			None
5	M20						Yes	** NA **			None
6	M21						Yes	** NA **			None
7	M22						Yes	** NA **			None
8	MP3A						Yes	** NA **			None
9	MP4A						Yes	** NA **			None
10	MP2A						Yes	** NA **			None
11	MP1A						Yes	** NA **			None
12	M43						Yes	Default			None
13	M46						Yes	Default			None
14	M51B	OOOOOX	OOOOOX				Yes	Default			None
15	M52B	OOOOOX	OOOOOX				Yes	Default			None
16	M52						Yes	** NA **			None
17	M58						Yes	** NA **			None
18	M59						Yes	** NA **			None
19	M76						Yes	** NA **			None
20	M77						Yes	** NA **			None
21	M79		BenPIN				Yes	** NA **			None
22	M80						Yes				None
23	M83		BenPIN				Yes	** NA **			None
24	M84						Yes	** NA **			None
25	M85						Yes	** NA **			None
26	M88		BenPIN				Yes	** NA **			None
27	M91						Yes				None
28	M92		BenPIN				Yes	** NA **			None
29	M50						Yes	** NA **			None
30	M51						Yes	** NA **			None
31	M51A						Yes	** NA **			None
32	M100						Yes	** NA **			None
33	M101						Yes	** NA **			None
34	M102						Yes	** NA **			None
35	M103						Yes	** NA **			None
36	M104						Yes	** NA **			None
37	M113		OOOOOO				Yes	** NA **			None
38	M119		OOOOOO				Yes	** NA **			None
39	M123						Yes	** NA **			None
40	M128	OOOOOX	OOOOOX				Yes	** NA **			None
41	M45						Yes	** NA **			None
42	M45A						Yes	** NA **			None
43	M43A						Yes	Default			None
44	M44						Yes	Default			None
45	M45B						Yes				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
46	M46A						Yes	Default			None
47	M47						Yes	Default			None
48	M48						Yes	Default			None
49	M49	OOOOOX	OOOOOX				Yes	Default			None
50	M50A	OOOOOX	OOOOOX				Yes	Default			None
51	M51C						Yes	** NA **			None
52	M52A						Yes	** NA **			None
53	M53						Yes	** NA **			None
54	M54						Yes	** NA **			None
55	M55						Yes	** NA **			None
56	M56		BenPIN				Yes	** NA **			None
57	M57						Yes				None
58	M58A		BenPIN				Yes	** NA **			None
59	M59A						Yes	** NA **			None
60	M60						Yes	** NA **			None
61	M61		BenPIN				Yes	** NA **			None
62	M62						Yes				None
63	M63		BenPIN				Yes	** NA **			None
64	M64						Yes	** NA **			None
65	M65						Yes	** NA **			None
66	M66						Yes	** NA **			None
67	M67	OOOOOX	OOOOOX				Yes	** NA **			None
68	M68						Yes	** NA **			None
69	M69						Yes	** NA **			None
70	M70						Yes				None
71	M71						Yes	Default			None
72	M72						Yes	Default			None
73	M73						Yes	Default			None
74	M74	OOOOOX	OOOOOX				Yes	Default			None
75	M75	OOOOOX	OOOOOX				Yes	Default			None
76	M76A						Yes	** NA **			None
77	M77A						Yes	** NA **			None
78	M78						Yes	** NA **			None
79	M79A						Yes	** NA **			None
80	M80A						Yes	** NA **			None
81	M81		BenPIN				Yes	** NA **			None
82	M82						Yes				None
83	M83A		BenPIN				Yes	** NA **			None
84	M84A						Yes	** NA **			None
85	M85A						Yes	** NA **			None
86	M86		BenPIN				Yes	** NA **			None
87	M87						Yes				None
88	M88A		BenPIN				Yes	** NA **			None
89	M89						Yes	** NA **			None
90	M90						Yes	** NA **			None
91	M91A						Yes	** NA **			None
92	M92A	OOOOOX	OOOOOX				Yes	** NA **			None
93	M93						Yes	** NA **			None
94	M94						Yes	** NA **			None
95	M95						Yes	** NA **			None
96	M96						Yes	** NA **			None
97	M97		OOOOOO				Yes	** NA **			None
98	M98		OOOOOO				Yes	** NA **			None
99	M99						Yes	** NA **			None
100	M100A		OOOOOO				Yes	** NA **			None
101	M101A		OOOOOO				Yes	** NA **			None
102	M102A						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...
103	M103A						Yes	** NA **			None
104	M104A						Yes	** NA **			None
105	M105						Yes	** NA **			None
106	M106						Yes	** NA **			None
107	MP3C						Yes	** NA **			None
108	MP5C						Yes	** NA **			None
109	MP2C						Yes	** NA **			None
110	MP1C						Yes	** NA **			None
111	M111						Yes	** NA **			None
112	M112						Yes	** NA **			None
113	M113A						Yes	** NA **			None
114	M114						Yes	** NA **			None
115	M115						Yes	** NA **			None
116	M116						Yes	** NA **			None
117	M117						Yes	** NA **			None
118	M118						Yes	** NA **			None
119	MP3B						Yes	** NA **			None
120	MP5B						Yes	** NA **			None
121	MP2B						Yes	** NA **			None
122	MP1B						Yes	** NA **			None
123	M123A						Yes	** NA **			None
124	M124						Yes	** NA **			None
125	M125						Yes	** NA **			None
126	M126						Yes	** NA **			None
127	M130						Yes	** NA **			None
128	M131A						Yes	** NA **			None
129	MP4C						Yes	** NA **			None
130	M133						Yes	** NA **			None
131	M134						Yes	** NA **			None
132	MP4B						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-31.65	1
2	MP3A	My	-.016	1
3	MP3A	Mz	.021	1
4	MP3A	Y	-31.65	5
5	MP3A	My	-.016	5
6	MP3A	Mz	.021	5
7	MP3B	Y	-31.65	1
8	MP3B	My	-.001	1
9	MP3B	Mz	-.026	1
10	MP3B	Y	-31.65	5
11	MP3B	My	-.001	5
12	MP3B	Mz	-.026	5
13	MP3C	Y	-31.65	1
14	MP3C	My	.025	1
15	MP3C	Mz	.008	1
16	MP3C	Y	-31.65	5
17	MP3C	My	.025	5
18	MP3C	Mz	.008	5
19	MP3A	Y	-31.65	1
20	MP3A	My	-.016	1
21	MP3A	Mz	-.021	1
22	MP3A	Y	-31.65	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP3A	My	-.016	5
24	MP3A	Mz	-.021	5
25	MP3B	Y	-31.65	1
26	MP3B	My	.026	1
27	MP3B	Mz	.006	1
28	MP3B	Y	-31.65	5
29	MP3B	My	.026	5
30	MP3B	Mz	.006	5
31	MP3C	Y	-31.65	1
32	MP3C	My	-.014	1
33	MP3C	Mz	.022	1
34	MP3C	Y	-31.65	5
35	MP3C	My	-.014	5
36	MP3C	Mz	.022	5
37	MP4A	Y	-43.55	2
38	MP4A	My	-.022	2
39	MP4A	Mz	0	2
40	MP4A	Y	-43.55	4
41	MP4A	My	-.022	4
42	MP4A	Mz	0	4
43	MP5B	Y	-43.55	2
44	MP5B	My	.017	2
45	MP5B	Mz	-.014	2
46	MP5B	Y	-43.55	4
47	MP5B	My	.017	4
48	MP5B	Mz	-.014	4
49	MP5C	Y	-43.55	2
50	MP5C	My	.007	2
51	MP5C	Mz	.02	2
52	MP5C	Y	-43.55	4
53	MP5C	My	.007	4
54	MP5C	Mz	.02	4
55	MP2A	Y	-84.4	4
56	MP2A	My	.042	4
57	MP2A	Mz	0	4
58	MP2B	Y	-84.4	4
59	MP2B	My	-.032	4
60	MP2B	Mz	.027	4
61	MP2C	Y	-84.4	4
62	MP2C	My	-.014	4
63	MP2C	Mz	-.04	4
64	MP3A	Y	-70.3	4
65	MP3A	My	.035	4
66	MP3A	Mz	0	4
67	MP3B	Y	-70.3	4
68	MP3B	My	-.027	4
69	MP3B	Mz	.023	4
70	MP3C	Y	-70.3	4
71	MP3C	My	-.012	4
72	MP3C	Mz	-.033	4
73	MP4B	Y	-26.9	1
74	MP4B	My	-.01	1
75	MP4B	Mz	.009	1
76	MP4C	Y	-26.9	1
77	MP4C	My	-.005	1
78	MP4C	Mz	-.013	1
79	MP1A	Y	-20	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP1A	My	-.01	1.75
81	MP1A	Mz	0	1.75
82	MP1A	Y	-20	5.5
83	MP1A	My	-.01	5.5
84	MP1A	Mz	0	5.5
85	MP1B	Y	-20	1.75
86	MP1B	My	.008	1.75
87	MP1B	Mz	-.006	1.75
88	MP1B	Y	-20	5.5
89	MP1B	My	.008	5.5
90	MP1B	Mz	-.006	5.5
91	MP1C	Y	-20	1.75
92	MP1C	My	.003	1.75
93	MP1C	Mz	.009	1.75
94	MP1C	Y	-20	5.5
95	MP1C	My	.003	5.5
96	MP1C	Mz	.009	5.5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-69.596	1
2	MP3A	My	-.035	1
3	MP3A	Mz	.046	1
4	MP3A	Y	-69.596	5
5	MP3A	My	-.035	5
6	MP3A	Mz	.046	5
7	MP3B	Y	-69.596	1
8	MP3B	My	-.003	1
9	MP3B	Mz	-.058	1
10	MP3B	Y	-69.596	5
11	MP3B	My	-.003	5
12	MP3B	Mz	-.058	5
13	MP3C	Y	-69.596	1
14	MP3C	My	.056	1
15	MP3C	Mz	.017	1
16	MP3C	Y	-69.596	5
17	MP3C	My	.056	5
18	MP3C	Mz	.017	5
19	MP3A	Y	-69.596	1
20	MP3A	My	-.035	1
21	MP3A	Mz	-.046	1
22	MP3A	Y	-69.596	5
23	MP3A	My	-.035	5
24	MP3A	Mz	-.046	5
25	MP3B	Y	-69.596	1
26	MP3B	My	.056	1
27	MP3B	Mz	.013	1
28	MP3B	Y	-69.596	5
29	MP3B	My	.056	5
30	MP3B	Mz	.013	5
31	MP3C	Y	-69.596	1
32	MP3C	My	-.032	1
33	MP3C	Mz	.049	1
34	MP3C	Y	-69.596	5
35	MP3C	My	-.032	5
36	MP3C	Mz	.049	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP4A	Y	-35.431	2
38	MP4A	My	-.018	2
39	MP4A	Mz	0	2
40	MP4A	Y	-35.431	4
41	MP4A	My	-.018	4
42	MP4A	Mz	0	4
43	MP5B	Y	-35.431	2
44	MP5B	My	.014	2
45	MP5B	Mz	-.011	2
46	MP5B	Y	-35.431	4
47	MP5B	My	.014	4
48	MP5B	Mz	-.011	4
49	MP5C	Y	-35.431	2
50	MP5C	My	.006	2
51	MP5C	Mz	.017	2
52	MP5C	Y	-35.431	4
53	MP5C	My	.006	4
54	MP5C	Mz	.017	4
55	MP2A	Y	-44.667	4
56	MP2A	My	.022	4
57	MP2A	Mz	0	4
58	MP2B	Y	-44.667	4
59	MP2B	My	-.017	4
60	MP2B	Mz	.014	4
61	MP2C	Y	-44.667	4
62	MP2C	My	-.008	4
63	MP2C	Mz	-.021	4
64	MP3A	Y	-40.168	4
65	MP3A	My	.02	4
66	MP3A	Mz	0	4
67	MP3B	Y	-40.168	4
68	MP3B	My	-.015	4
69	MP3B	Mz	.013	4
70	MP3C	Y	-40.168	4
71	MP3C	My	-.007	4
72	MP3C	Mz	-.019	4
73	MP4B	Y	-55.005	1
74	MP4B	My	-.021	1
75	MP4B	Mz	.018	1
76	MP4C	Y	-55.005	1
77	MP4C	My	-.009	1
78	MP4C	Mz	-.026	1
79	MP1A	Y	-60.751	1.75
80	MP1A	My	-.03	1.75
81	MP1A	Mz	0	1.75
82	MP1A	Y	-60.751	5.5
83	MP1A	My	-.03	5.5
84	MP1A	Mz	0	5.5
85	MP1B	Y	-60.751	1.75
86	MP1B	My	.023	1.75
87	MP1B	Mz	-.02	1.75
88	MP1B	Y	-60.751	5.5
89	MP1B	My	.023	5.5
90	MP1B	Mz	-.02	5.5
91	MP1C	Y	-60.751	1.75
92	MP1C	My	.01	1.75
93	MP1C	Mz	.029	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP1C	Y	-60.751	5.5
95	MP1C	My	.01	5.5
96	MP1C	Mz	.029	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1
2	MP3A	Z	-140.253	1
3	MP3A	Mx	-.094	1
4	MP3A	X	0	5
5	MP3A	Z	-140.253	5
6	MP3A	Mx	-.094	5
7	MP3B	X	0	1
8	MP3B	Z	-120.364	1
9	MP3B	Mx	.1	1
10	MP3B	X	0	5
11	MP3B	Z	-120.364	5
12	MP3B	Mx	.1	5
13	MP3C	X	0	1
14	MP3C	Z	-97.748	1
15	MP3C	Mx	-.024	1
16	MP3C	X	0	5
17	MP3C	Z	-97.748	5
18	MP3C	Mx	-.024	5
19	MP3A	X	0	1
20	MP3A	Z	-140.253	1
21	MP3A	Mx	.094	1
22	MP3A	X	0	5
23	MP3A	Z	-140.253	5
24	MP3A	Mx	.094	5
25	MP3B	X	0	1
26	MP3B	Z	-120.364	1
27	MP3B	Mx	-.023	1
28	MP3B	X	0	5
29	MP3B	Z	-120.364	5
30	MP3B	Mx	-.023	5
31	MP3C	X	0	1
32	MP3C	Z	-97.748	1
33	MP3C	Mx	-.068	1
34	MP3C	X	0	5
35	MP3C	Z	-97.748	5
36	MP3C	Mx	-.068	5
37	MP4A	X	0	2
38	MP4A	Z	-72.359	2
39	MP4A	Mx	0	2
40	MP4A	X	0	4
41	MP4A	Z	-72.359	4
42	MP4A	Mx	0	4
43	MP5B	X	0	2
44	MP5B	Z	-54.167	2
45	MP5B	Mx	.017	2
46	MP5B	X	0	4
47	MP5B	Z	-54.167	4
48	MP5B	Mx	.017	4
49	MP5C	X	0	2
50	MP5C	Z	-33.479	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP5C	Mx	-.016	2
52	MP5C	X	0	4
53	MP5C	Z	-33.479	4
54	MP5C	Mx	-.016	4
55	MP2A	X	0	4
56	MP2A	Z	-57.579	4
57	MP2A	Mx	0	4
58	MP2B	X	0	4
59	MP2B	Z	-49.692	4
60	MP2B	Mx	-.016	4
61	MP2C	X	0	4
62	MP2C	Z	-40.722	4
63	MP2C	Mx	.019	4
64	MP3A	X	0	4
65	MP3A	Z	-57.579	4
66	MP3A	Mx	0	4
67	MP3B	X	0	4
68	MP3B	Z	-46.67	4
69	MP3B	Mx	-.015	4
70	MP3C	X	0	4
71	MP3C	Z	-34.265	4
72	MP3C	Mx	.016	4
73	MP4B	X	0	1
74	MP4B	Z	-65.827	1
75	MP4B	Mx	-.021	1
76	MP4C	X	0	1
77	MP4C	Z	-53.146	1
78	MP4C	Mx	.025	1
79	MP1A	X	0	1.75
80	MP1A	Z	-125.628	1.75
81	MP1A	Mx	0	1.75
82	MP1A	X	0	5.5
83	MP1A	Z	-125.628	5.5
84	MP1A	Mx	0	5.5
85	MP1B	X	0	1.75
86	MP1B	Z	-108.047	1.75
87	MP1B	Mx	.035	1.75
88	MP1B	X	0	5.5
89	MP1B	Z	-108.047	5.5
90	MP1B	Mx	.035	5.5
91	MP1C	X	0	1.75
92	MP1C	Z	-88.056	1.75
93	MP1C	Mx	-.041	1.75
94	MP1C	X	0	5.5
95	MP1C	Z	-88.056	5.5
96	MP1C	Mx	-.041	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	64.11	1
2	MP3A	Z	-111.041	1
3	MP3A	Mx	-.106	1
4	MP3A	X	64.11	5
5	MP3A	Z	-111.041	5
6	MP3A	Mx	-.106	5
7	MP3B	X	48.874	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP3B	Z	-84.652	1
9	MP3B	Mx	.068	1
10	MP3B	X	48.874	5
11	MP3B	Z	-84.652	5
12	MP3B	Mx	.068	5
13	MP3C	X	60.182	1
14	MP3C	Z	-104.239	1
15	MP3C	Mx	.023	1
16	MP3C	X	60.182	5
17	MP3C	Z	-104.239	5
18	MP3C	Mx	.023	5
19	MP3A	X	64.11	1
20	MP3A	Z	-111.041	1
21	MP3A	Mx	.042	1
22	MP3A	X	64.11	5
23	MP3A	Z	-111.041	5
24	MP3A	Mx	.042	5
25	MP3B	X	48.874	1
26	MP3B	Z	-84.652	1
27	MP3B	Mx	.024	1
28	MP3B	X	48.874	5
29	MP3B	Z	-84.652	5
30	MP3B	Mx	.024	5
31	MP3C	X	60.182	1
32	MP3C	Z	-104.239	1
33	MP3C	Mx	-.1	1
34	MP3C	X	60.182	5
35	MP3C	Z	-104.239	5
36	MP3C	Mx	-.1	5
37	MP4A	X	30.676	2
38	MP4A	Z	-53.132	2
39	MP4A	Mx	-.015	2
40	MP4A	X	30.676	4
41	MP4A	Z	-53.132	4
42	MP4A	Mx	-.015	4
43	MP5B	X	16.74	2
44	MP5B	Z	-28.994	2
45	MP5B	Mx	.016	2
46	MP5B	X	16.74	4
47	MP5B	Z	-28.994	4
48	MP5B	Mx	.016	4
49	MP5C	X	27.083	2
50	MP5C	Z	-46.91	2
51	MP5C	Mx	-.017	2
52	MP5C	X	27.083	4
53	MP5C	Z	-46.91	4
54	MP5C	Mx	-.017	4
55	MP2A	X	26.403	4
56	MP2A	Z	-45.732	4
57	MP2A	Mx	.013	4
58	MP2B	X	20.361	4
59	MP2B	Z	-35.266	4
60	MP2B	Mx	-.019	4
61	MP2C	X	24.846	4
62	MP2C	Z	-43.034	4
63	MP2C	Mx	.016	4
64	MP3A	X	25.489	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP3A	Z	-44.149	4
66	MP3A	Mx	.013	4
67	MP3B	X	17.132	4
68	MP3B	Z	-29.674	4
69	MP3B	Mx	-.016	4
70	MP3C	X	23.335	4
71	MP3C	Z	-40.417	4
72	MP3C	Mx	.015	4
73	MP4B	X	26.573	1
74	MP4B	Z	-46.026	1
75	MP4B	Mx	-.025	1
76	MP4C	X	32.913	1
77	MP4C	Z	-57.008	1
78	MP4C	Mx	.021	1
79	MP1A	X	57.495	1.75
80	MP1A	Z	-99.585	1.75
81	MP1A	Mx	-.029	1.75
82	MP1A	X	57.495	5.5
83	MP1A	Z	-99.585	5.5
84	MP1A	Mx	-.029	5.5
85	MP1B	X	44.028	1.75
86	MP1B	Z	-76.258	1.75
87	MP1B	Mx	.041	1.75
88	MP1B	X	44.028	5.5
89	MP1B	Z	-76.258	5.5
90	MP1B	Mx	.041	5.5
91	MP1C	X	54.024	1.75
92	MP1C	Z	-93.572	1.75
93	MP1C	Mx	-.035	1.75
94	MP1C	X	54.024	5.5
95	MP1C	Z	-93.572	5.5
96	MP1C	Mx	-.035	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	90.197	1
2	MP3A	Z	-52.075	1
3	MP3A	Mx	-.08	1
4	MP3A	X	90.197	5
5	MP3A	Z	-52.075	5
6	MP3A	Mx	-.08	5
7	MP3B	X	81.032	1
8	MP3B	Z	-46.784	1
9	MP3B	Mx	.035	1
10	MP3B	X	81.032	5
11	MP3B	Z	-46.784	5
12	MP3B	Mx	.035	5
13	MP3C	X	120.206	1
14	MP3C	Z	-69.401	1
15	MP3C	Mx	.079	1
16	MP3C	X	120.206	5
17	MP3C	Z	-69.401	5
18	MP3C	Mx	.079	5
19	MP3A	X	90.197	1
20	MP3A	Z	-52.075	1
21	MP3A	Mx	-.01	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP3A	X	90.197	5
23	MP3A	Z	-52.075	5
24	MP3A	Mx	-.01	5
25	MP3B	X	81.032	1
26	MP3B	Z	-46.784	1
27	MP3B	Mx	.057	1
28	MP3B	X	81.032	5
29	MP3B	Z	-46.784	5
30	MP3B	Mx	.057	5
31	MP3C	X	120.206	1
32	MP3C	Z	-69.401	1
33	MP3C	Mx	-.103	1
34	MP3C	X	120.206	5
35	MP3C	Z	-69.401	5
36	MP3C	Mx	-.103	5
37	MP4A	X	34.066	2
38	MP4A	Z	-19.668	2
39	MP4A	Mx	-.017	2
40	MP4A	X	34.066	4
41	MP4A	Z	-19.668	4
42	MP4A	Mx	-.017	4
43	MP5B	X	25.683	2
44	MP5B	Z	-14.828	2
45	MP5B	Mx	.015	2
46	MP5B	X	25.683	4
47	MP5B	Z	-14.828	4
48	MP5B	Mx	.015	4
49	MP5C	X	61.515	2
50	MP5C	Z	-35.516	2
51	MP5C	Mx	-.006	2
52	MP5C	X	61.515	4
53	MP5C	Z	-35.516	4
54	MP5C	Mx	-.006	4
55	MP2A	X	37.466	4
56	MP2A	Z	-21.631	4
57	MP2A	Mx	.019	4
58	MP2B	X	33.831	4
59	MP2B	Z	-19.532	4
60	MP2B	Mx	-.019	4
61	MP2C	X	49.367	4
62	MP2C	Z	-28.502	4
63	MP2C	Mx	.005	4
64	MP3A	X	32.716	4
65	MP3A	Z	-18.888	4
66	MP3A	Mx	.016	4
67	MP3B	X	27.689	4
68	MP3B	Z	-15.986	4
69	MP3B	Mx	-.016	4
70	MP3C	X	49.176	4
71	MP3C	Z	-28.392	4
72	MP3C	Mx	.005	4
73	MP4B	X	43.997	1
74	MP4B	Z	-25.402	1
75	MP4B	Mx	-.025	1
76	MP4C	X	65.96	1
77	MP4C	Z	-38.082	1
78	MP4C	Mx	.007	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	MP1A	X	81.16	1.75
80	MP1A	Z	-46.858	1.75
81	MP1A	Mx	-.041	1.75
82	MP1A	X	81.16	5.5
83	MP1A	Z	-46.858	5.5
84	MP1A	Mx	-.041	5.5
85	MP1B	X	73.059	1.75
86	MP1B	Z	-42.181	1.75
87	MP1B	Mx	.042	1.75
88	MP1B	X	73.059	5.5
89	MP1B	Z	-42.181	5.5
90	MP1B	Mx	.042	5.5
91	MP1C	X	107.686	1.75
92	MP1C	Z	-62.172	1.75
93	MP1C	Mx	-.011	1.75
94	MP1C	X	107.686	5.5
95	MP1C	Z	-62.172	5.5
96	MP1C	Mx	-.011	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	92.117	1
2	MP3A	Z	0	1
3	MP3A	Mx	-.046	1
4	MP3A	X	92.117	5
5	MP3A	Z	0	5
6	MP3A	Mx	-.046	5
7	MP3B	X	112.006	1
8	MP3B	Z	0	1
9	MP3B	Mx	-.005	1
10	MP3B	X	112.006	5
11	MP3B	Z	0	5
12	MP3B	Mx	-.005	5
13	MP3C	X	134.622	1
14	MP3C	Z	0	1
15	MP3C	Mx	.107	1
16	MP3C	X	134.622	5
17	MP3C	Z	0	5
18	MP3C	Mx	.107	5
19	MP3A	X	92.117	1
20	MP3A	Z	0	1
21	MP3A	Mx	-.046	1
22	MP3A	X	92.117	5
23	MP3A	Z	0	5
24	MP3A	Mx	-.046	5
25	MP3B	X	112.006	1
26	MP3B	Z	0	1
27	MP3B	Mx	.091	1
28	MP3B	X	112.006	5
29	MP3B	Z	0	5
30	MP3B	Mx	.091	5
31	MP3C	X	134.622	1
32	MP3C	Z	0	1
33	MP3C	Mx	-.061	1
34	MP3C	X	134.622	5
35	MP3C	Z	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP3C	Mx	-.061	5
37	MP4A	X	28.328	2
38	MP4A	Z	0	2
39	MP4A	Mx	-.014	2
40	MP4A	X	28.328	4
41	MP4A	Z	0	4
42	MP4A	Mx	-.014	4
43	MP5B	X	46.521	2
44	MP5B	Z	0	2
45	MP5B	Mx	.018	2
46	MP5B	X	46.521	4
47	MP5B	Z	0	4
48	MP5B	Mx	.018	4
49	MP5C	X	67.208	2
50	MP5C	Z	0	2
51	MP5C	Mx	.011	2
52	MP5C	X	67.208	4
53	MP5C	Z	0	4
54	MP5C	Mx	.011	4
55	MP2A	X	38.489	4
56	MP2A	Z	0	4
57	MP2A	Mx	.019	4
58	MP2B	X	46.377	4
59	MP2B	Z	0	4
60	MP2B	Mx	-.018	4
61	MP2C	X	55.346	4
62	MP2C	Z	0	4
63	MP2C	Mx	-.009	4
64	MP3A	X	31.176	4
65	MP3A	Z	0	4
66	MP3A	Mx	.016	4
67	MP3B	X	42.085	4
68	MP3B	Z	0	4
69	MP3B	Mx	-.016	4
70	MP3C	X	54.491	4
71	MP3C	Z	0	4
72	MP3C	Mx	-.009	4
73	MP4B	X	61.14	1
74	MP4B	Z	0	1
75	MP4B	Mx	-.023	1
76	MP4C	X	73.821	1
77	MP4C	Z	0	1
78	MP4C	Mx	-.013	1
79	MP1A	X	83.078	1.75
80	MP1A	Z	0	1.75
81	MP1A	Mx	-.042	1.75
82	MP1A	X	83.078	5.5
83	MP1A	Z	0	5.5
84	MP1A	Mx	-.042	5.5
85	MP1B	X	100.659	1.75
86	MP1B	Z	0	1.75
87	MP1B	Mx	.039	1.75
88	MP1B	X	100.659	5.5
89	MP1B	Z	0	5.5
90	MP1B	Mx	.039	5.5
91	MP1C	X	120.65	1.75
92	MP1C	Z	0	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	MP1C	Mx	.021	1.75
94	MP1C	X	120.65	5.5
95	MP1C	Z	0	5.5
96	MP1C	Mx	.021	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	90.197	1
2	MP3A	Z	52.075	1
3	MP3A	Mx	-.01	1
4	MP3A	X	90.197	5
5	MP3A	Z	52.075	5
6	MP3A	Mx	-.01	5
7	MP3B	X	116.586	1
8	MP3B	Z	67.311	1
9	MP3B	Mx	-.061	1
10	MP3B	X	116.586	5
11	MP3B	Z	67.311	5
12	MP3B	Mx	-.061	5
13	MP3C	X	97	1
14	MP3C	Z	56.003	1
15	MP3C	Mx	.091	1
16	MP3C	X	97	5
17	MP3C	Z	56.003	5
18	MP3C	Mx	.091	5
19	MP3A	X	90.197	1
20	MP3A	Z	52.075	1
21	MP3A	Mx	-.08	1
22	MP3A	X	90.197	5
23	MP3A	Z	52.075	5
24	MP3A	Mx	-.08	5
25	MP3B	X	116.586	1
26	MP3B	Z	67.311	1
27	MP3B	Mx	.107	1
28	MP3B	X	116.586	5
29	MP3B	Z	67.311	5
30	MP3B	Mx	.107	5
31	MP3C	X	97	1
32	MP3C	Z	56.003	1
33	MP3C	Mx	-.005	1
34	MP3C	X	97	5
35	MP3C	Z	56.003	5
36	MP3C	Mx	-.005	5
37	MP4A	X	34.066	2
38	MP4A	Z	19.668	2
39	MP4A	Mx	-.017	2
40	MP4A	X	34.066	4
41	MP4A	Z	19.668	4
42	MP4A	Mx	-.017	4
43	MP5B	X	58.204	2
44	MP5B	Z	33.604	2
45	MP5B	Mx	.011	2
46	MP5B	X	58.204	4
47	MP5B	Z	33.604	4
48	MP5B	Mx	.011	4
49	MP5C	X	40.288	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
50	MP5C	Z	23.26	2
51	MP5C	Mx	.018	2
52	MP5C	X	40.288	4
53	MP5C	Z	23.26	4
54	MP5C	Mx	.018	4
55	MP2A	X	37.466	4
56	MP2A	Z	21.631	4
57	MP2A	Mx	.019	4
58	MP2B	X	47.931	4
59	MP2B	Z	27.673	4
60	MP2B	Mx	-.009	4
61	MP2C	X	40.163	4
62	MP2C	Z	23.188	4
63	MP2C	Mx	-.018	4
64	MP3A	X	32.716	4
65	MP3A	Z	18.888	4
66	MP3A	Mx	.016	4
67	MP3B	X	47.19	4
68	MP3B	Z	27.245	4
69	MP3B	Mx	-.009	4
70	MP3C	X	36.447	4
71	MP3C	Z	21.043	4
72	MP3C	Mx	-.016	4
73	MP4B	X	63.931	1
74	MP4B	Z	36.91	1
75	MP4B	Mx	-.013	1
76	MP4C	X	52.949	1
77	MP4C	Z	30.57	1
78	MP4C	Mx	-.023	1
79	MP1A	X	81.16	1.75
80	MP1A	Z	46.858	1.75
81	MP1A	Mx	-.041	1.75
82	MP1A	X	81.16	5.5
83	MP1A	Z	46.858	5.5
84	MP1A	Mx	-.041	5.5
85	MP1B	X	104.486	1.75
86	MP1B	Z	60.325	1.75
87	MP1B	Mx	.021	1.75
88	MP1B	X	104.486	5.5
89	MP1B	Z	60.325	5.5
90	MP1B	Mx	.021	5.5
91	MP1C	X	87.173	1.75
92	MP1C	Z	50.329	1.75
93	MP1C	Mx	.039	1.75
94	MP1C	X	87.173	5.5
95	MP1C	Z	50.329	5.5
96	MP1C	Mx	.039	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	64.11	1
2	MP3A	Z	111.041	1
3	MP3A	Mx	.042	1
4	MP3A	X	64.11	5
5	MP3A	Z	111.041	5
6	MP3A	Mx	.042	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP3B	X	69.401	1
8	MP3B	Z	120.206	1
9	MP3B	Mx	-.103	1
10	MP3B	X	69.401	5
11	MP3B	Z	120.206	5
12	MP3B	Mx	-.103	5
13	MP3C	X	46.784	1
14	MP3C	Z	81.032	1
15	MP3C	Mx	.057	1
16	MP3C	X	46.784	5
17	MP3C	Z	81.032	5
18	MP3C	Mx	.057	5
19	MP3A	X	64.11	1
20	MP3A	Z	111.041	1
21	MP3A	Mx	-.106	1
22	MP3A	X	64.11	5
23	MP3A	Z	111.041	5
24	MP3A	Mx	-.106	5
25	MP3B	X	69.401	1
26	MP3B	Z	120.206	1
27	MP3B	Mx	.079	1
28	MP3B	X	69.401	5
29	MP3B	Z	120.206	5
30	MP3B	Mx	.079	5
31	MP3C	X	46.784	1
32	MP3C	Z	81.032	1
33	MP3C	Mx	.035	1
34	MP3C	X	46.784	5
35	MP3C	Z	81.032	5
36	MP3C	Mx	.035	5
37	MP4A	X	30.676	2
38	MP4A	Z	53.132	2
39	MP4A	Mx	-.015	2
40	MP4A	X	30.676	4
41	MP4A	Z	53.132	4
42	MP4A	Mx	-.015	4
43	MP5B	X	35.516	2
44	MP5B	Z	61.515	2
45	MP5B	Mx	-.006	2
46	MP5B	X	35.516	4
47	MP5B	Z	61.515	4
48	MP5B	Mx	-.006	4
49	MP5C	X	14.828	2
50	MP5C	Z	25.683	2
51	MP5C	Mx	.015	2
52	MP5C	X	14.828	4
53	MP5C	Z	25.683	4
54	MP5C	Mx	.015	4
55	MP2A	X	26.403	4
56	MP2A	Z	45.732	4
57	MP2A	Mx	.013	4
58	MP2B	X	28.502	4
59	MP2B	Z	49.367	4
60	MP2B	Mx	.005	4
61	MP2C	X	19.532	4
62	MP2C	Z	33.831	4
63	MP2C	Mx	-.019	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP3A	X	25.489	4
65	MP3A	Z	44.149	4
66	MP3A	Mx	.013	4
67	MP3B	X	28.392	4
68	MP3B	Z	49.176	4
69	MP3B	Mx	.005	4
70	MP3C	X	15.986	4
71	MP3C	Z	27.689	4
72	MP3C	Mx	-.016	4
73	MP4B	X	38.082	1
74	MP4B	Z	65.96	1
75	MP4B	Mx	.007	1
76	MP4C	X	25.402	1
77	MP4C	Z	43.997	1
78	MP4C	Mx	-.025	1
79	MP1A	X	57.495	1.75
80	MP1A	Z	99.585	1.75
81	MP1A	Mx	-.029	1.75
82	MP1A	X	57.495	5.5
83	MP1A	Z	99.585	5.5
84	MP1A	Mx	-.029	5.5
85	MP1B	X	62.172	1.75
86	MP1B	Z	107.686	1.75
87	MP1B	Mx	-.011	1.75
88	MP1B	X	62.172	5.5
89	MP1B	Z	107.686	5.5
90	MP1B	Mx	-.011	5.5
91	MP1C	X	42.181	1.75
92	MP1C	Z	73.059	1.75
93	MP1C	Mx	.042	1.75
94	MP1C	X	42.181	5.5
95	MP1C	Z	73.059	5.5
96	MP1C	Mx	.042	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1
2	MP3A	Z	140.253	1
3	MP3A	Mx	.094	1
4	MP3A	X	0	5
5	MP3A	Z	140.253	5
6	MP3A	Mx	.094	5
7	MP3B	X	0	1
8	MP3B	Z	120.364	1
9	MP3B	Mx	-.1	1
10	MP3B	X	0	5
11	MP3B	Z	120.364	5
12	MP3B	Mx	-.1	5
13	MP3C	X	0	1
14	MP3C	Z	97.748	1
15	MP3C	Mx	.024	1
16	MP3C	X	0	5
17	MP3C	Z	97.748	5
18	MP3C	Mx	.024	5
19	MP3A	X	0	1
20	MP3A	Z	140.253	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP3A	Mx	-.094	1
22	MP3A	X	0	5
23	MP3A	Z	140.253	5
24	MP3A	Mx	-.094	5
25	MP3B	X	0	1
26	MP3B	Z	120.364	1
27	MP3B	Mx	.023	1
28	MP3B	X	0	5
29	MP3B	Z	120.364	5
30	MP3B	Mx	.023	5
31	MP3C	X	0	1
32	MP3C	Z	97.748	1
33	MP3C	Mx	.068	1
34	MP3C	X	0	5
35	MP3C	Z	97.748	5
36	MP3C	Mx	.068	5
37	MP4A	X	0	2
38	MP4A	Z	72.359	2
39	MP4A	Mx	0	2
40	MP4A	X	0	4
41	MP4A	Z	72.359	4
42	MP4A	Mx	0	4
43	MP5B	X	0	2
44	MP5B	Z	54.167	2
45	MP5B	Mx	-.017	2
46	MP5B	X	0	4
47	MP5B	Z	54.167	4
48	MP5B	Mx	-.017	4
49	MP5C	X	0	2
50	MP5C	Z	33.479	2
51	MP5C	Mx	.016	2
52	MP5C	X	0	4
53	MP5C	Z	33.479	4
54	MP5C	Mx	.016	4
55	MP2A	X	0	4
56	MP2A	Z	57.579	4
57	MP2A	Mx	0	4
58	MP2B	X	0	4
59	MP2B	Z	49.692	4
60	MP2B	Mx	.016	4
61	MP2C	X	0	4
62	MP2C	Z	40.722	4
63	MP2C	Mx	-.019	4
64	MP3A	X	0	4
65	MP3A	Z	57.579	4
66	MP3A	Mx	0	4
67	MP3B	X	0	4
68	MP3B	Z	46.67	4
69	MP3B	Mx	.015	4
70	MP3C	X	0	4
71	MP3C	Z	34.265	4
72	MP3C	Mx	-.016	4
73	MP4B	X	0	1
74	MP4B	Z	65.827	1
75	MP4B	Mx	.021	1
76	MP4C	X	0	1
77	MP4C	Z	53.146	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP4C	Mx	-.025	1
79	MP1A	X	0	1.75
80	MP1A	Z	125.628	1.75
81	MP1A	Mx	0	1.75
82	MP1A	X	0	5.5
83	MP1A	Z	125.628	5.5
84	MP1A	Mx	0	5.5
85	MP1B	X	0	1.75
86	MP1B	Z	108.047	1.75
87	MP1B	Mx	-.035	1.75
88	MP1B	X	0	5.5
89	MP1B	Z	108.047	5.5
90	MP1B	Mx	-.035	5.5
91	MP1C	X	0	1.75
92	MP1C	Z	88.056	1.75
93	MP1C	Mx	.041	1.75
94	MP1C	X	0	5.5
95	MP1C	Z	88.056	5.5
96	MP1C	Mx	.041	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-64.11	1
2	MP3A	Z	111.041	1
3	MP3A	Mx	.106	1
4	MP3A	X	-64.11	5
5	MP3A	Z	111.041	5
6	MP3A	Mx	.106	5
7	MP3B	X	-48.874	1
8	MP3B	Z	84.652	1
9	MP3B	Mx	-.068	1
10	MP3B	X	-48.874	5
11	MP3B	Z	84.652	5
12	MP3B	Mx	-.068	5
13	MP3C	X	-60.182	1
14	MP3C	Z	104.239	1
15	MP3C	Mx	-.023	1
16	MP3C	X	-60.182	5
17	MP3C	Z	104.239	5
18	MP3C	Mx	-.023	5
19	MP3A	X	-64.11	1
20	MP3A	Z	111.041	1
21	MP3A	Mx	-.042	1
22	MP3A	X	-64.11	5
23	MP3A	Z	111.041	5
24	MP3A	Mx	-.042	5
25	MP3B	X	-48.874	1
26	MP3B	Z	84.652	1
27	MP3B	Mx	-.024	1
28	MP3B	X	-48.874	5
29	MP3B	Z	84.652	5
30	MP3B	Mx	-.024	5
31	MP3C	X	-60.182	1
32	MP3C	Z	104.239	1
33	MP3C	Mx	.1	1
34	MP3C	X	-60.182	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP3C	Z	104.239	5
36	MP3C	Mx	.1	5
37	MP4A	X	-30.676	2
38	MP4A	Z	53.132	2
39	MP4A	Mx	.015	2
40	MP4A	X	-30.676	4
41	MP4A	Z	53.132	4
42	MP4A	Mx	.015	4
43	MP5B	X	-16.74	2
44	MP5B	Z	28.994	2
45	MP5B	Mx	-.016	2
46	MP5B	X	-16.74	4
47	MP5B	Z	28.994	4
48	MP5B	Mx	-.016	4
49	MP5C	X	-27.083	2
50	MP5C	Z	46.91	2
51	MP5C	Mx	.017	2
52	MP5C	X	-27.083	4
53	MP5C	Z	46.91	4
54	MP5C	Mx	.017	4
55	MP2A	X	-26.403	4
56	MP2A	Z	45.732	4
57	MP2A	Mx	-.013	4
58	MP2B	X	-20.361	4
59	MP2B	Z	35.266	4
60	MP2B	Mx	.019	4
61	MP2C	X	-24.846	4
62	MP2C	Z	43.034	4
63	MP2C	Mx	-.016	4
64	MP3A	X	-25.489	4
65	MP3A	Z	44.149	4
66	MP3A	Mx	-.013	4
67	MP3B	X	-17.132	4
68	MP3B	Z	29.674	4
69	MP3B	Mx	.016	4
70	MP3C	X	-23.335	4
71	MP3C	Z	40.417	4
72	MP3C	Mx	-.015	4
73	MP4B	X	-26.573	1
74	MP4B	Z	46.026	1
75	MP4B	Mx	.025	1
76	MP4C	X	-32.913	1
77	MP4C	Z	57.008	1
78	MP4C	Mx	-.021	1
79	MP1A	X	-57.495	1.75
80	MP1A	Z	99.585	1.75
81	MP1A	Mx	.029	1.75
82	MP1A	X	-57.495	5.5
83	MP1A	Z	99.585	5.5
84	MP1A	Mx	.029	5.5
85	MP1B	X	-44.028	1.75
86	MP1B	Z	76.258	1.75
87	MP1B	Mx	-.041	1.75
88	MP1B	X	-44.028	5.5
89	MP1B	Z	76.258	5.5
90	MP1B	Mx	-.041	5.5
91	MP1C	X	-54.024	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP1C	Z	93.572	1.75
93	MP1C	Mx	.035	1.75
94	MP1C	X	-54.024	5.5
95	MP1C	Z	93.572	5.5
96	MP1C	Mx	.035	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-90.197	1
2	MP3A	Z	52.075	1
3	MP3A	Mx	.08	1
4	MP3A	X	-90.197	5
5	MP3A	Z	52.075	5
6	MP3A	Mx	.08	5
7	MP3B	X	-81.032	1
8	MP3B	Z	46.784	1
9	MP3B	Mx	-.035	1
10	MP3B	X	-81.032	5
11	MP3B	Z	46.784	5
12	MP3B	Mx	-.035	5
13	MP3C	X	-120.206	1
14	MP3C	Z	69.401	1
15	MP3C	Mx	-.079	1
16	MP3C	X	-120.206	5
17	MP3C	Z	69.401	5
18	MP3C	Mx	-.079	5
19	MP3A	X	-90.197	1
20	MP3A	Z	52.075	1
21	MP3A	Mx	.01	1
22	MP3A	X	-90.197	5
23	MP3A	Z	52.075	5
24	MP3A	Mx	.01	5
25	MP3B	X	-81.032	1
26	MP3B	Z	46.784	1
27	MP3B	Mx	-.057	1
28	MP3B	X	-81.032	5
29	MP3B	Z	46.784	5
30	MP3B	Mx	-.057	5
31	MP3C	X	-120.206	1
32	MP3C	Z	69.401	1
33	MP3C	Mx	.103	1
34	MP3C	X	-120.206	5
35	MP3C	Z	69.401	5
36	MP3C	Mx	.103	5
37	MP4A	X	-34.066	2
38	MP4A	Z	19.668	2
39	MP4A	Mx	.017	2
40	MP4A	X	-34.066	4
41	MP4A	Z	19.668	4
42	MP4A	Mx	.017	4
43	MP5B	X	-25.683	2
44	MP5B	Z	14.828	2
45	MP5B	Mx	-.015	2
46	MP5B	X	-25.683	4
47	MP5B	Z	14.828	4
48	MP5B	Mx	-.015	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP5C	X	-61.515	2
50	MP5C	Z	35.516	2
51	MP5C	Mx	.006	2
52	MP5C	X	-61.515	4
53	MP5C	Z	35.516	4
54	MP5C	Mx	.006	4
55	MP2A	X	-37.466	4
56	MP2A	Z	21.631	4
57	MP2A	Mx	-.019	4
58	MP2B	X	-33.831	4
59	MP2B	Z	19.532	4
60	MP2B	Mx	.019	4
61	MP2C	X	-49.367	4
62	MP2C	Z	28.502	4
63	MP2C	Mx	-.005	4
64	MP3A	X	-32.716	4
65	MP3A	Z	18.888	4
66	MP3A	Mx	-.016	4
67	MP3B	X	-27.689	4
68	MP3B	Z	15.986	4
69	MP3B	Mx	.016	4
70	MP3C	X	-49.176	4
71	MP3C	Z	28.392	4
72	MP3C	Mx	-.005	4
73	MP4B	X	-43.997	1
74	MP4B	Z	25.402	1
75	MP4B	Mx	.025	1
76	MP4C	X	-65.96	1
77	MP4C	Z	38.082	1
78	MP4C	Mx	-.007	1
79	MP1A	X	-81.16	1.75
80	MP1A	Z	46.858	1.75
81	MP1A	Mx	.041	1.75
82	MP1A	X	-81.16	5.5
83	MP1A	Z	46.858	5.5
84	MP1A	Mx	.041	5.5
85	MP1B	X	-73.059	1.75
86	MP1B	Z	42.181	1.75
87	MP1B	Mx	-.042	1.75
88	MP1B	X	-73.059	5.5
89	MP1B	Z	42.181	5.5
90	MP1B	Mx	-.042	5.5
91	MP1C	X	-107.686	1.75
92	MP1C	Z	62.172	1.75
93	MP1C	Mx	.011	1.75
94	MP1C	X	-107.686	5.5
95	MP1C	Z	62.172	5.5
96	MP1C	Mx	.011	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-92.117	1
2	MP3A	Z	0	1
3	MP3A	Mx	.046	1
4	MP3A	X	-92.117	5
5	MP3A	Z	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP3A	Mx	.046	5
7	MP3B	X	-112.006	1
8	MP3B	Z	0	1
9	MP3B	Mx	.005	1
10	MP3B	X	-112.006	5
11	MP3B	Z	0	5
12	MP3B	Mx	.005	5
13	MP3C	X	-134.622	1
14	MP3C	Z	0	1
15	MP3C	Mx	-.107	1
16	MP3C	X	-134.622	5
17	MP3C	Z	0	5
18	MP3C	Mx	-.107	5
19	MP3A	X	-92.117	1
20	MP3A	Z	0	1
21	MP3A	Mx	.046	1
22	MP3A	X	-92.117	5
23	MP3A	Z	0	5
24	MP3A	Mx	.046	5
25	MP3B	X	-112.006	1
26	MP3B	Z	0	1
27	MP3B	Mx	-.091	1
28	MP3B	X	-112.006	5
29	MP3B	Z	0	5
30	MP3B	Mx	-.091	5
31	MP3C	X	-134.622	1
32	MP3C	Z	0	1
33	MP3C	Mx	.061	1
34	MP3C	X	-134.622	5
35	MP3C	Z	0	5
36	MP3C	Mx	.061	5
37	MP4A	X	-28.328	2
38	MP4A	Z	0	2
39	MP4A	Mx	.014	2
40	MP4A	X	-28.328	4
41	MP4A	Z	0	4
42	MP4A	Mx	.014	4
43	MP5B	X	-46.521	2
44	MP5B	Z	0	2
45	MP5B	Mx	-.018	2
46	MP5B	X	-46.521	4
47	MP5B	Z	0	4
48	MP5B	Mx	-.018	4
49	MP5C	X	-67.208	2
50	MP5C	Z	0	2
51	MP5C	Mx	-.011	2
52	MP5C	X	-67.208	4
53	MP5C	Z	0	4
54	MP5C	Mx	-.011	4
55	MP2A	X	-38.489	4
56	MP2A	Z	0	4
57	MP2A	Mx	-.019	4
58	MP2B	X	-46.377	4
59	MP2B	Z	0	4
60	MP2B	Mx	.018	4
61	MP2C	X	-55.346	4
62	MP2C	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP2C	Mx	.009	4
64	MP3A	X	-31.176	4
65	MP3A	Z	0	4
66	MP3A	Mx	-.016	4
67	MP3B	X	-42.085	4
68	MP3B	Z	0	4
69	MP3B	Mx	.016	4
70	MP3C	X	-54.491	4
71	MP3C	Z	0	4
72	MP3C	Mx	.009	4
73	MP4B	X	-61.14	1
74	MP4B	Z	0	1
75	MP4B	Mx	.023	1
76	MP4C	X	-73.821	1
77	MP4C	Z	0	1
78	MP4C	Mx	.013	1
79	MP1A	X	-83.078	1.75
80	MP1A	Z	0	1.75
81	MP1A	Mx	.042	1.75
82	MP1A	X	-83.078	5.5
83	MP1A	Z	0	5.5
84	MP1A	Mx	.042	5.5
85	MP1B	X	-100.659	1.75
86	MP1B	Z	0	1.75
87	MP1B	Mx	-.039	1.75
88	MP1B	X	-100.659	5.5
89	MP1B	Z	0	5.5
90	MP1B	Mx	-.039	5.5
91	MP1C	X	-120.65	1.75
92	MP1C	Z	0	1.75
93	MP1C	Mx	-.021	1.75
94	MP1C	X	-120.65	5.5
95	MP1C	Z	0	5.5
96	MP1C	Mx	-.021	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-90.197	1
2	MP3A	Z	-52.075	1
3	MP3A	Mx	.01	1
4	MP3A	X	-90.197	5
5	MP3A	Z	-52.075	5
6	MP3A	Mx	.01	5
7	MP3B	X	-116.586	1
8	MP3B	Z	-67.311	1
9	MP3B	Mx	.061	1
10	MP3B	X	-116.586	5
11	MP3B	Z	-67.311	5
12	MP3B	Mx	.061	5
13	MP3C	X	-97	1
14	MP3C	Z	-56.003	1
15	MP3C	Mx	-.091	1
16	MP3C	X	-97	5
17	MP3C	Z	-56.003	5
18	MP3C	Mx	-.091	5
19	MP3A	X	-90.197	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP3A	Z	-52.075	1
21	MP3A	Mx	.08	1
22	MP3A	X	-90.197	5
23	MP3A	Z	-52.075	5
24	MP3A	Mx	.08	5
25	MP3B	X	-116.586	1
26	MP3B	Z	-67.311	1
27	MP3B	Mx	-.107	1
28	MP3B	X	-116.586	5
29	MP3B	Z	-67.311	5
30	MP3B	Mx	-.107	5
31	MP3C	X	-97	1
32	MP3C	Z	-56.003	1
33	MP3C	Mx	.005	1
34	MP3C	X	-97	5
35	MP3C	Z	-56.003	5
36	MP3C	Mx	.005	5
37	MP4A	X	-34.066	2
38	MP4A	Z	-19.668	2
39	MP4A	Mx	.017	2
40	MP4A	X	-34.066	4
41	MP4A	Z	-19.668	4
42	MP4A	Mx	.017	4
43	MP5B	X	-58.204	2
44	MP5B	Z	-33.604	2
45	MP5B	Mx	-.011	2
46	MP5B	X	-58.204	4
47	MP5B	Z	-33.604	4
48	MP5B	Mx	-.011	4
49	MP5C	X	-40.288	2
50	MP5C	Z	-23.26	2
51	MP5C	Mx	-.018	2
52	MP5C	X	-40.288	4
53	MP5C	Z	-23.26	4
54	MP5C	Mx	-.018	4
55	MP2A	X	-37.466	4
56	MP2A	Z	-21.631	4
57	MP2A	Mx	-.019	4
58	MP2B	X	-47.931	4
59	MP2B	Z	-27.673	4
60	MP2B	Mx	.009	4
61	MP2C	X	-40.163	4
62	MP2C	Z	-23.188	4
63	MP2C	Mx	.018	4
64	MP3A	X	-32.716	4
65	MP3A	Z	-18.888	4
66	MP3A	Mx	-.016	4
67	MP3B	X	-47.19	4
68	MP3B	Z	-27.245	4
69	MP3B	Mx	.009	4
70	MP3C	X	-36.447	4
71	MP3C	Z	-21.043	4
72	MP3C	Mx	.016	4
73	MP4B	X	-63.931	1
74	MP4B	Z	-36.91	1
75	MP4B	Mx	.013	1
76	MP4C	X	-52.949	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
77	MP4C	Z	-30.57	1
78	MP4C	Mx	.023	1
79	MP1A	X	-81.16	1.75
80	MP1A	Z	-46.858	1.75
81	MP1A	Mx	.041	1.75
82	MP1A	X	-81.16	5.5
83	MP1A	Z	-46.858	5.5
84	MP1A	Mx	.041	5.5
85	MP1B	X	-104.486	1.75
86	MP1B	Z	-60.325	1.75
87	MP1B	Mx	-.021	1.75
88	MP1B	X	-104.486	5.5
89	MP1B	Z	-60.325	5.5
90	MP1B	Mx	-.021	5.5
91	MP1C	X	-87.173	1.75
92	MP1C	Z	-50.329	1.75
93	MP1C	Mx	-.039	1.75
94	MP1C	X	-87.173	5.5
95	MP1C	Z	-50.329	5.5
96	MP1C	Mx	-.039	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-64.11	1
2	MP3A	Z	-111.041	1
3	MP3A	Mx	-.042	1
4	MP3A	X	-64.11	5
5	MP3A	Z	-111.041	5
6	MP3A	Mx	-.042	5
7	MP3B	X	-69.401	1
8	MP3B	Z	-120.206	1
9	MP3B	Mx	.103	1
10	MP3B	X	-69.401	5
11	MP3B	Z	-120.206	5
12	MP3B	Mx	.103	5
13	MP3C	X	-46.784	1
14	MP3C	Z	-81.032	1
15	MP3C	Mx	-.057	1
16	MP3C	X	-46.784	5
17	MP3C	Z	-81.032	5
18	MP3C	Mx	-.057	5
19	MP3A	X	-64.11	1
20	MP3A	Z	-111.041	1
21	MP3A	Mx	.106	1
22	MP3A	X	-64.11	5
23	MP3A	Z	-111.041	5
24	MP3A	Mx	.106	5
25	MP3B	X	-69.401	1
26	MP3B	Z	-120.206	1
27	MP3B	Mx	-.079	1
28	MP3B	X	-69.401	5
29	MP3B	Z	-120.206	5
30	MP3B	Mx	-.079	5
31	MP3C	X	-46.784	1
32	MP3C	Z	-81.032	1
33	MP3C	Mx	-.035	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP3C	X	-46.784	5
35	MP3C	Z	-81.032	5
36	MP3C	Mx	-.035	5
37	MP4A	X	-30.676	2
38	MP4A	Z	-53.132	2
39	MP4A	Mx	.015	2
40	MP4A	X	-30.676	4
41	MP4A	Z	-53.132	4
42	MP4A	Mx	.015	4
43	MP5B	X	-35.516	2
44	MP5B	Z	-61.515	2
45	MP5B	Mx	.006	2
46	MP5B	X	-35.516	4
47	MP5B	Z	-61.515	4
48	MP5B	Mx	.006	4
49	MP5C	X	-14.828	2
50	MP5C	Z	-25.683	2
51	MP5C	Mx	-.015	2
52	MP5C	X	-14.828	4
53	MP5C	Z	-25.683	4
54	MP5C	Mx	-.015	4
55	MP2A	X	-26.403	4
56	MP2A	Z	-45.732	4
57	MP2A	Mx	-.013	4
58	MP2B	X	-28.502	4
59	MP2B	Z	-49.367	4
60	MP2B	Mx	-.005	4
61	MP2C	X	-19.532	4
62	MP2C	Z	-33.831	4
63	MP2C	Mx	.019	4
64	MP3A	X	-25.489	4
65	MP3A	Z	-44.149	4
66	MP3A	Mx	-.013	4
67	MP3B	X	-28.392	4
68	MP3B	Z	-49.176	4
69	MP3B	Mx	-.005	4
70	MP3C	X	-15.986	4
71	MP3C	Z	-27.689	4
72	MP3C	Mx	.016	4
73	MP4B	X	-38.082	1
74	MP4B	Z	-65.96	1
75	MP4B	Mx	-.007	1
76	MP4C	X	-25.402	1
77	MP4C	Z	-43.997	1
78	MP4C	Mx	.025	1
79	MP1A	X	-57.495	1.75
80	MP1A	Z	-99.585	1.75
81	MP1A	Mx	.029	1.75
82	MP1A	X	-57.495	5.5
83	MP1A	Z	-99.585	5.5
84	MP1A	Mx	.029	5.5
85	MP1B	X	-62.172	1.75
86	MP1B	Z	-107.686	1.75
87	MP1B	Mx	.011	1.75
88	MP1B	X	-62.172	5.5
89	MP1B	Z	-107.686	5.5
90	MP1B	Mx	.011	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	MP1C	X	-42.181	1.75
92	MP1C	Z	-73.059	1.75
93	MP1C	Mx	-.042	1.75
94	MP1C	X	-42.181	5.5
95	MP1C	Z	-73.059	5.5
96	MP1C	Mx	-.042	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1
2	MP3A	Z	-28.543	1
3	MP3A	Mx	-.019	1
4	MP3A	X	0	5
5	MP3A	Z	-28.543	5
6	MP3A	Mx	-.019	5
7	MP3B	X	0	1
8	MP3B	Z	-24.793	1
9	MP3B	Mx	.021	1
10	MP3B	X	0	5
11	MP3B	Z	-24.793	5
12	MP3B	Mx	.021	5
13	MP3C	X	0	1
14	MP3C	Z	-20.529	1
15	MP3C	Mx	-.005	1
16	MP3C	X	0	5
17	MP3C	Z	-20.529	5
18	MP3C	Mx	-.005	5
19	MP3A	X	0	1
20	MP3A	Z	-28.543	1
21	MP3A	Mx	.019	1
22	MP3A	X	0	5
23	MP3A	Z	-28.543	5
24	MP3A	Mx	.019	5
25	MP3B	X	0	1
26	MP3B	Z	-24.793	1
27	MP3B	Mx	-.005	1
28	MP3B	X	0	5
29	MP3B	Z	-24.793	5
30	MP3B	Mx	-.005	5
31	MP3C	X	0	1
32	MP3C	Z	-20.529	1
33	MP3C	Mx	-.014	1
34	MP3C	X	0	5
35	MP3C	Z	-20.529	5
36	MP3C	Mx	-.014	5
37	MP4A	X	0	2
38	MP4A	Z	-15.179	2
39	MP4A	Mx	0	2
40	MP4A	X	0	4
41	MP4A	Z	-15.179	4
42	MP4A	Mx	0	4
43	MP5B	X	0	2
44	MP5B	Z	-11.578	2
45	MP5B	Mx	.004	2
46	MP5B	X	0	4
47	MP5B	Z	-11.578	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP5B	Mx	.004	4
49	MP5C	X	0	2
50	MP5C	Z	-7.483	2
51	MP5C	Mx	-.004	2
52	MP5C	X	0	4
53	MP5C	Z	-7.483	4
54	MP5C	Mx	-.004	4
55	MP2A	X	0	4
56	MP2A	Z	-12.79	4
57	MP2A	Mx	0	4
58	MP2B	X	0	4
59	MP2B	Z	-11.18	4
60	MP2B	Mx	-.004	4
61	MP2C	X	0	4
62	MP2C	Z	-9.35	4
63	MP2C	Mx	.004	4
64	MP3A	X	0	4
65	MP3A	Z	-12.79	4
66	MP3A	Mx	0	4
67	MP3B	X	0	4
68	MP3B	Z	-10.569	4
69	MP3B	Mx	-.003	4
70	MP3C	X	0	4
71	MP3C	Z	-8.044	4
72	MP3C	Mx	.004	4
73	MP4B	X	0	1
74	MP4B	Z	-14.451	1
75	MP4B	Mx	-.005	1
76	MP4C	X	0	1
77	MP4C	Z	-11.933	1
78	MP4C	Mx	.006	1
79	MP1A	X	0	1.75
80	MP1A	Z	-25.727	1.75
81	MP1A	Mx	0	1.75
82	MP1A	X	0	5.5
83	MP1A	Z	-25.727	5.5
84	MP1A	Mx	0	5.5
85	MP1B	X	0	1.75
86	MP1B	Z	-22.427	1.75
87	MP1B	Mx	.007	1.75
88	MP1B	X	0	5.5
89	MP1B	Z	-22.427	5.5
90	MP1B	Mx	.007	5.5
91	MP1C	X	0	1.75
92	MP1C	Z	-18.674	1.75
93	MP1C	Mx	-.009	1.75
94	MP1C	X	0	5.5
95	MP1C	Z	-18.674	5.5
96	MP1C	Mx	-.009	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	13.137	1
2	MP3A	Z	-22.754	1
3	MP3A	Mx	-.022	1
4	MP3A	X	13.137	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP3A	Z	-22.754	5
6	MP3A	Mx	-.022	5
7	MP3B	X	10.264	1
8	MP3B	Z	-17.778	1
9	MP3B	Mx	.014	1
10	MP3B	X	10.264	5
11	MP3B	Z	-17.778	5
12	MP3B	Mx	.014	5
13	MP3C	X	12.396	1
14	MP3C	Z	-21.471	1
15	MP3C	Mx	.005	1
16	MP3C	X	12.396	5
17	MP3C	Z	-21.471	5
18	MP3C	Mx	.005	5
19	MP3A	X	13.137	1
20	MP3A	Z	-22.754	1
21	MP3A	Mx	.009	1
22	MP3A	X	13.137	5
23	MP3A	Z	-22.754	5
24	MP3A	Mx	.009	5
25	MP3B	X	10.264	1
26	MP3B	Z	-17.778	1
27	MP3B	Mx	.005	1
28	MP3B	X	10.264	5
29	MP3B	Z	-17.778	5
30	MP3B	Mx	.005	5
31	MP3C	X	12.396	1
32	MP3C	Z	-21.471	1
33	MP3C	Mx	-.021	1
34	MP3C	X	12.396	5
35	MP3C	Z	-21.471	5
36	MP3C	Mx	-.021	5
37	MP4A	X	6.5	2
38	MP4A	Z	-11.258	2
39	MP4A	Mx	-.003	2
40	MP4A	X	6.5	4
41	MP4A	Z	-11.258	4
42	MP4A	Mx	-.003	4
43	MP5B	X	3.741	2
44	MP5B	Z	-6.48	2
45	MP5B	Mx	.004	2
46	MP5B	X	3.741	4
47	MP5B	Z	-6.48	4
48	MP5B	Mx	.004	4
49	MP5C	X	5.789	2
50	MP5C	Z	-10.027	2
51	MP5C	Mx	-.004	2
52	MP5C	X	5.789	4
53	MP5C	Z	-10.027	4
54	MP5C	Mx	-.004	4
55	MP2A	X	5.908	4
56	MP2A	Z	-10.233	4
57	MP2A	Mx	.003	4
58	MP2B	X	4.675	4
59	MP2B	Z	-8.098	4
60	MP2B	Mx	-.004	4
61	MP2C	X	5.59	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP2C	Z	-9.683	4
63	MP2C	Mx	.004	4
64	MP3A	X	5.723	4
65	MP3A	Z	-9.913	4
66	MP3A	Mx	.003	4
67	MP3B	X	4.022	4
68	MP3B	Z	-6.966	4
69	MP3B	Mx	-.004	4
70	MP3C	X	5.284	4
71	MP3C	Z	-9.153	4
72	MP3C	Mx	.003	4
73	MP4B	X	5.967	1
74	MP4B	Z	-10.334	1
75	MP4B	Mx	-.006	1
76	MP4C	X	7.226	1
77	MP4C	Z	-12.515	1
78	MP4C	Mx	.005	1
79	MP1A	X	11.865	1.75
80	MP1A	Z	-20.551	1.75
81	MP1A	Mx	-.006	1.75
82	MP1A	X	11.865	5.5
83	MP1A	Z	-20.551	5.5
84	MP1A	Mx	-.006	5.5
85	MP1B	X	9.337	1.75
86	MP1B	Z	-16.172	1.75
87	MP1B	Mx	.009	1.75
88	MP1B	X	9.337	5.5
89	MP1B	Z	-16.172	5.5
90	MP1B	Mx	.009	5.5
91	MP1C	X	11.213	1.75
92	MP1C	Z	-19.422	1.75
93	MP1C	Mx	-.007	1.75
94	MP1C	X	11.213	5.5
95	MP1C	Z	-19.422	5.5
96	MP1C	Mx	-.007	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	18.824	1
2	MP3A	Z	-10.868	1
3	MP3A	Mx	-.017	1
4	MP3A	X	18.824	5
5	MP3A	Z	-10.868	5
6	MP3A	Mx	-.017	5
7	MP3B	X	17.096	1
8	MP3B	Z	-9.87	1
9	MP3B	Mx	.007	1
10	MP3B	X	17.096	5
11	MP3B	Z	-9.87	5
12	MP3B	Mx	.007	5
13	MP3C	X	24.482	1
14	MP3C	Z	-14.134	1
15	MP3C	Mx	.016	1
16	MP3C	X	24.482	5
17	MP3C	Z	-14.134	5
18	MP3C	Mx	.016	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	MP3A	X	18.824	1
20	MP3A	Z	-10.868	1
21	MP3A	Mx	-.002	1
22	MP3A	X	18.824	5
23	MP3A	Z	-10.868	5
24	MP3A	Mx	-.002	5
25	MP3B	X	17.096	1
26	MP3B	Z	-9.87	1
27	MP3B	Mx	.012	1
28	MP3B	X	17.096	5
29	MP3B	Z	-9.87	5
30	MP3B	Mx	.012	5
31	MP3C	X	24.482	1
32	MP3C	Z	-14.134	1
33	MP3C	Mx	-.021	1
34	MP3C	X	24.482	5
35	MP3C	Z	-14.134	5
36	MP3C	Mx	-.021	5
37	MP4A	X	7.484	2
38	MP4A	Z	-4.321	2
39	MP4A	Mx	-.004	2
40	MP4A	X	7.484	4
41	MP4A	Z	-4.321	4
42	MP4A	Mx	-.004	4
43	MP5B	X	5.825	2
44	MP5B	Z	-3.363	2
45	MP5B	Mx	.003	2
46	MP5B	X	5.825	4
47	MP5B	Z	-3.363	4
48	MP5B	Mx	.003	4
49	MP5C	X	12.918	2
50	MP5C	Z	-7.458	2
51	MP5C	Mx	-.001	2
52	MP5C	X	12.918	4
53	MP5C	Z	-7.458	4
54	MP5C	Mx	-.001	4
55	MP2A	X	8.546	4
56	MP2A	Z	-4.934	4
57	MP2A	Mx	.004	4
58	MP2B	X	7.805	4
59	MP2B	Z	-4.506	4
60	MP2B	Mx	-.004	4
61	MP2C	X	10.975	4
62	MP2C	Z	-6.336	4
63	MP2C	Mx	.001	4
64	MP3A	X	7.585	4
65	MP3A	Z	-4.379	4
66	MP3A	Mx	.004	4
67	MP3B	X	6.562	4
68	MP3B	Z	-3.788	4
69	MP3B	Mx	-.004	4
70	MP3C	X	10.936	4
71	MP3C	Z	-6.314	4
72	MP3C	Mx	.001	4
73	MP4B	X	9.931	1
74	MP4B	Z	-5.734	1
75	MP4B	Mx	-.006	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP4C	X	14.293	1
77	MP4C	Z	-8.252	1
78	MP4C	Mx	.001	1
79	MP1A	X	17.092	1.75
80	MP1A	Z	-9.868	1.75
81	MP1A	Mx	-.009	1.75
82	MP1A	X	17.092	5.5
83	MP1A	Z	-9.868	5.5
84	MP1A	Mx	-.009	5.5
85	MP1B	X	15.572	1.75
86	MP1B	Z	-8.99	1.75
87	MP1B	Mx	.009	1.75
88	MP1B	X	15.572	5.5
89	MP1B	Z	-8.99	5.5
90	MP1B	Mx	.009	5.5
91	MP1C	X	22.072	1.75
92	MP1C	Z	-12.743	1.75
93	MP1C	Mx	-.002	1.75
94	MP1C	X	22.072	5.5
95	MP1C	Z	-12.743	5.5
96	MP1C	Mx	-.002	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	19.467	1
2	MP3A	Z	0	1
3	MP3A	Mx	-.01	1
4	MP3A	X	19.467	5
5	MP3A	Z	0	5
6	MP3A	Mx	-.01	5
7	MP3B	X	23.217	1
8	MP3B	Z	0	1
9	MP3B	Mx	-.001	1
10	MP3B	X	23.217	5
11	MP3B	Z	0	5
12	MP3B	Mx	-.001	5
13	MP3C	X	27.481	1
14	MP3C	Z	0	1
15	MP3C	Mx	.022	1
16	MP3C	X	27.481	5
17	MP3C	Z	0	5
18	MP3C	Mx	.022	5
19	MP3A	X	19.467	1
20	MP3A	Z	0	1
21	MP3A	Mx	-.01	1
22	MP3A	X	19.467	5
23	MP3A	Z	0	5
24	MP3A	Mx	-.01	5
25	MP3B	X	23.217	1
26	MP3B	Z	0	1
27	MP3B	Mx	.019	1
28	MP3B	X	23.217	5
29	MP3B	Z	0	5
30	MP3B	Mx	.019	5
31	MP3C	X	27.481	1
32	MP3C	Z	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP3C	Mx	-.013	1
34	MP3C	X	27.481	5
35	MP3C	Z	0	5
36	MP3C	Mx	-.013	5
37	MP4A	X	6.463	2
38	MP4A	Z	0	2
39	MP4A	Mx	-.003	2
40	MP4A	X	6.463	4
41	MP4A	Z	0	4
42	MP4A	Mx	-.003	4
43	MP5B	X	10.064	2
44	MP5B	Z	0	2
45	MP5B	Mx	.004	2
46	MP5B	X	10.064	4
47	MP5B	Z	0	4
48	MP5B	Mx	.004	4
49	MP5C	X	14.159	2
50	MP5C	Z	0	2
51	MP5C	Mx	.002	2
52	MP5C	X	14.159	4
53	MP5C	Z	0	4
54	MP5C	Mx	.002	4
55	MP2A	X	8.895	4
56	MP2A	Z	0	4
57	MP2A	Mx	.004	4
58	MP2B	X	10.504	4
59	MP2B	Z	0	4
60	MP2B	Mx	-.004	4
61	MP2C	X	12.334	4
62	MP2C	Z	0	4
63	MP2C	Mx	-.002	4
64	MP3A	X	7.415	4
65	MP3A	Z	0	4
66	MP3A	Mx	.004	4
67	MP3B	X	9.636	4
68	MP3B	Z	0	4
69	MP3B	Mx	-.004	4
70	MP3C	X	12.161	4
71	MP3C	Z	0	4
72	MP3C	Mx	-.002	4
73	MP4B	X	13.521	1
74	MP4B	Z	0	1
75	MP4B	Mx	-.005	1
76	MP4C	X	16.039	1
77	MP4C	Z	0	1
78	MP4C	Mx	-.003	1
79	MP1A	X	17.74	1.75
80	MP1A	Z	0	1.75
81	MP1A	Mx	-.009	1.75
82	MP1A	X	17.74	5.5
83	MP1A	Z	0	5.5
84	MP1A	Mx	-.009	5.5
85	MP1B	X	21.04	1.75
86	MP1B	Z	0	1.75
87	MP1B	Mx	.008	1.75
88	MP1B	X	21.04	5.5
89	MP1B	Z	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP1B	Mx	.008	5.5
91	MP1C	X	24.793	1.75
92	MP1C	Z	0	1.75
93	MP1C	Mx	.004	1.75
94	MP1C	X	24.793	5.5
95	MP1C	Z	0	5.5
96	MP1C	Mx	.004	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	18.824	1
2	MP3A	Z	10.868	1
3	MP3A	Mx	-.002	1
4	MP3A	X	18.824	5
5	MP3A	Z	10.868	5
6	MP3A	Mx	-.002	5
7	MP3B	X	23.799	1
8	MP3B	Z	13.74	1
9	MP3B	Mx	-.013	1
10	MP3B	X	23.799	5
11	MP3B	Z	13.74	5
12	MP3B	Mx	-.013	5
13	MP3C	X	20.106	1
14	MP3C	Z	11.608	1
15	MP3C	Mx	.019	1
16	MP3C	X	20.106	5
17	MP3C	Z	11.608	5
18	MP3C	Mx	.019	5
19	MP3A	X	18.824	1
20	MP3A	Z	10.868	1
21	MP3A	Mx	-.017	1
22	MP3A	X	18.824	5
23	MP3A	Z	10.868	5
24	MP3A	Mx	-.017	5
25	MP3B	X	23.799	1
26	MP3B	Z	13.74	1
27	MP3B	Mx	.022	1
28	MP3B	X	23.799	5
29	MP3B	Z	13.74	5
30	MP3B	Mx	.022	5
31	MP3C	X	20.106	1
32	MP3C	Z	11.608	1
33	MP3C	Mx	-.001	1
34	MP3C	X	20.106	5
35	MP3C	Z	11.608	5
36	MP3C	Mx	-.001	5
37	MP4A	X	7.484	2
38	MP4A	Z	4.321	2
39	MP4A	Mx	-.004	2
40	MP4A	X	7.484	4
41	MP4A	Z	4.321	4
42	MP4A	Mx	-.004	4
43	MP5B	X	12.262	2
44	MP5B	Z	7.08	2
45	MP5B	Mx	.002	2
46	MP5B	X	12.262	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP5B	Z	7.08	4
48	MP5B	Mx	.002	4
49	MP5C	X	8.716	2
50	MP5C	Z	5.032	2
51	MP5C	Mx	.004	2
52	MP5C	X	8.716	4
53	MP5C	Z	5.032	4
54	MP5C	Mx	.004	4
55	MP2A	X	8.546	4
56	MP2A	Z	4.934	4
57	MP2A	Mx	.004	4
58	MP2B	X	10.682	4
59	MP2B	Z	6.167	4
60	MP2B	Mx	-.002	4
61	MP2C	X	9.097	4
62	MP2C	Z	5.252	4
63	MP2C	Mx	-.004	4
64	MP3A	X	7.585	4
65	MP3A	Z	4.379	4
66	MP3A	Mx	.004	4
67	MP3B	X	10.532	4
68	MP3B	Z	6.08	4
69	MP3B	Mx	-.002	4
70	MP3C	X	8.345	4
71	MP3C	Z	4.818	4
72	MP3C	Mx	-.004	4
73	MP4B	X	13.89	1
74	MP4B	Z	8.019	1
75	MP4B	Mx	-.003	1
76	MP4C	X	11.709	1
77	MP4C	Z	6.76	1
78	MP4C	Mx	-.005	1
79	MP1A	X	17.092	1.75
80	MP1A	Z	9.868	1.75
81	MP1A	Mx	-.009	1.75
82	MP1A	X	17.092	5.5
83	MP1A	Z	9.868	5.5
84	MP1A	Mx	-.009	5.5
85	MP1B	X	21.471	1.75
86	MP1B	Z	12.396	1.75
87	MP1B	Mx	.004	1.75
88	MP1B	X	21.471	5.5
89	MP1B	Z	12.396	5.5
90	MP1B	Mx	.004	5.5
91	MP1C	X	18.221	1.75
92	MP1C	Z	10.52	1.75
93	MP1C	Mx	.008	1.75
94	MP1C	X	18.221	5.5
95	MP1C	Z	10.52	5.5
96	MP1C	Mx	.008	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	13.137	1
2	MP3A	Z	22.754	1
3	MP3A	Mx	.009	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP3A	X	13.137	5
5	MP3A	Z	22.754	5
6	MP3A	Mx	.009	5
7	MP3B	X	14.134	1
8	MP3B	Z	24.482	1
9	MP3B	Mx	-.021	1
10	MP3B	X	14.134	5
11	MP3B	Z	24.482	5
12	MP3B	Mx	-.021	5
13	MP3C	X	9.87	1
14	MP3C	Z	17.096	1
15	MP3C	Mx	.012	1
16	MP3C	X	9.87	5
17	MP3C	Z	17.096	5
18	MP3C	Mx	.012	5
19	MP3A	X	13.137	1
20	MP3A	Z	22.754	1
21	MP3A	Mx	-.022	1
22	MP3A	X	13.137	5
23	MP3A	Z	22.754	5
24	MP3A	Mx	-.022	5
25	MP3B	X	14.134	1
26	MP3B	Z	24.482	1
27	MP3B	Mx	.016	1
28	MP3B	X	14.134	5
29	MP3B	Z	24.482	5
30	MP3B	Mx	.016	5
31	MP3C	X	9.87	1
32	MP3C	Z	17.096	1
33	MP3C	Mx	.007	1
34	MP3C	X	9.87	5
35	MP3C	Z	17.096	5
36	MP3C	Mx	.007	5
37	MP4A	X	6.5	2
38	MP4A	Z	11.258	2
39	MP4A	Mx	-.003	2
40	MP4A	X	6.5	4
41	MP4A	Z	11.258	4
42	MP4A	Mx	-.003	4
43	MP5B	X	7.458	2
44	MP5B	Z	12.918	2
45	MP5B	Mx	-.001	2
46	MP5B	X	7.458	4
47	MP5B	Z	12.918	4
48	MP5B	Mx	-.001	4
49	MP5C	X	3.363	2
50	MP5C	Z	5.825	2
51	MP5C	Mx	.003	2
52	MP5C	X	3.363	4
53	MP5C	Z	5.825	4
54	MP5C	Mx	.003	4
55	MP2A	X	5.908	4
56	MP2A	Z	10.233	4
57	MP2A	Mx	.003	4
58	MP2B	X	6.336	4
59	MP2B	Z	10.975	4
60	MP2B	Mx	.001	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP2C	X	4.506	4
62	MP2C	Z	7.805	4
63	MP2C	Mx	-.004	4
64	MP3A	X	5.723	4
65	MP3A	Z	9.913	4
66	MP3A	Mx	.003	4
67	MP3B	X	6.314	4
68	MP3B	Z	10.936	4
69	MP3B	Mx	.001	4
70	MP3C	X	3.788	4
71	MP3C	Z	6.562	4
72	MP3C	Mx	-.004	4
73	MP4B	X	8.252	1
74	MP4B	Z	14.293	1
75	MP4B	Mx	.001	1
76	MP4C	X	5.734	1
77	MP4C	Z	9.931	1
78	MP4C	Mx	-.006	1
79	MP1A	X	11.865	1.75
80	MP1A	Z	20.551	1.75
81	MP1A	Mx	-.006	1.75
82	MP1A	X	11.865	5.5
83	MP1A	Z	20.551	5.5
84	MP1A	Mx	-.006	5.5
85	MP1B	X	12.743	1.75
86	MP1B	Z	22.072	1.75
87	MP1B	Mx	-.002	1.75
88	MP1B	X	12.743	5.5
89	MP1B	Z	22.072	5.5
90	MP1B	Mx	-.002	5.5
91	MP1C	X	8.99	1.75
92	MP1C	Z	15.572	1.75
93	MP1C	Mx	.009	1.75
94	MP1C	X	8.99	5.5
95	MP1C	Z	15.572	5.5
96	MP1C	Mx	.009	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1
2	MP3A	Z	28.543	1
3	MP3A	Mx	.019	1
4	MP3A	X	0	5
5	MP3A	Z	28.543	5
6	MP3A	Mx	.019	5
7	MP3B	X	0	1
8	MP3B	Z	24.793	1
9	MP3B	Mx	-.021	1
10	MP3B	X	0	5
11	MP3B	Z	24.793	5
12	MP3B	Mx	-.021	5
13	MP3C	X	0	1
14	MP3C	Z	20.529	1
15	MP3C	Mx	.005	1
16	MP3C	X	0	5
17	MP3C	Z	20.529	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP3C	Mx	.005	5
19	MP3A	X	0	1
20	MP3A	Z	28.543	1
21	MP3A	Mx	-.019	1
22	MP3A	X	0	5
23	MP3A	Z	28.543	5
24	MP3A	Mx	-.019	5
25	MP3B	X	0	1
26	MP3B	Z	24.793	1
27	MP3B	Mx	.005	1
28	MP3B	X	0	5
29	MP3B	Z	24.793	5
30	MP3B	Mx	.005	5
31	MP3C	X	0	1
32	MP3C	Z	20.529	1
33	MP3C	Mx	.014	1
34	MP3C	X	0	5
35	MP3C	Z	20.529	5
36	MP3C	Mx	.014	5
37	MP4A	X	0	2
38	MP4A	Z	15.179	2
39	MP4A	Mx	0	2
40	MP4A	X	0	4
41	MP4A	Z	15.179	4
42	MP4A	Mx	0	4
43	MP5B	X	0	2
44	MP5B	Z	11.578	2
45	MP5B	Mx	-.004	2
46	MP5B	X	0	4
47	MP5B	Z	11.578	4
48	MP5B	Mx	-.004	4
49	MP5C	X	0	2
50	MP5C	Z	7.483	2
51	MP5C	Mx	.004	2
52	MP5C	X	0	4
53	MP5C	Z	7.483	4
54	MP5C	Mx	.004	4
55	MP2A	X	0	4
56	MP2A	Z	12.79	4
57	MP2A	Mx	0	4
58	MP2B	X	0	4
59	MP2B	Z	11.18	4
60	MP2B	Mx	.004	4
61	MP2C	X	0	4
62	MP2C	Z	9.35	4
63	MP2C	Mx	-.004	4
64	MP3A	X	0	4
65	MP3A	Z	12.79	4
66	MP3A	Mx	0	4
67	MP3B	X	0	4
68	MP3B	Z	10.569	4
69	MP3B	Mx	.003	4
70	MP3C	X	0	4
71	MP3C	Z	8.044	4
72	MP3C	Mx	-.004	4
73	MP4B	X	0	1
74	MP4B	Z	14.451	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP4B	Mx	.005	1
76	MP4C	X	0	1
77	MP4C	Z	11.933	1
78	MP4C	Mx	-.006	1
79	MP1A	X	0	1.75
80	MP1A	Z	25.727	1.75
81	MP1A	Mx	0	1.75
82	MP1A	X	0	5.5
83	MP1A	Z	25.727	5.5
84	MP1A	Mx	0	5.5
85	MP1B	X	0	1.75
86	MP1B	Z	22.427	1.75
87	MP1B	Mx	-.007	1.75
88	MP1B	X	0	5.5
89	MP1B	Z	22.427	5.5
90	MP1B	Mx	-.007	5.5
91	MP1C	X	0	1.75
92	MP1C	Z	18.674	1.75
93	MP1C	Mx	.009	1.75
94	MP1C	X	0	5.5
95	MP1C	Z	18.674	5.5
96	MP1C	Mx	.009	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-13.137	1
2	MP3A	Z	22.754	1
3	MP3A	Mx	.022	1
4	MP3A	X	-13.137	5
5	MP3A	Z	22.754	5
6	MP3A	Mx	.022	5
7	MP3B	X	-10.264	1
8	MP3B	Z	17.778	1
9	MP3B	Mx	-.014	1
10	MP3B	X	-10.264	5
11	MP3B	Z	17.778	5
12	MP3B	Mx	-.014	5
13	MP3C	X	-12.396	1
14	MP3C	Z	21.471	1
15	MP3C	Mx	-.005	1
16	MP3C	X	-12.396	5
17	MP3C	Z	21.471	5
18	MP3C	Mx	-.005	5
19	MP3A	X	-13.137	1
20	MP3A	Z	22.754	1
21	MP3A	Mx	-.009	1
22	MP3A	X	-13.137	5
23	MP3A	Z	22.754	5
24	MP3A	Mx	-.009	5
25	MP3B	X	-10.264	1
26	MP3B	Z	17.778	1
27	MP3B	Mx	-.005	1
28	MP3B	X	-10.264	5
29	MP3B	Z	17.778	5
30	MP3B	Mx	-.005	5
31	MP3C	X	-12.396	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
32	MP3C	Z	21.471	1
33	MP3C	Mx	.021	1
34	MP3C	X	-12.396	5
35	MP3C	Z	21.471	5
36	MP3C	Mx	.021	5
37	MP4A	X	-6.5	2
38	MP4A	Z	11.258	2
39	MP4A	Mx	.003	2
40	MP4A	X	-6.5	4
41	MP4A	Z	11.258	4
42	MP4A	Mx	.003	4
43	MP5B	X	-3.741	2
44	MP5B	Z	6.48	2
45	MP5B	Mx	-.004	2
46	MP5B	X	-3.741	4
47	MP5B	Z	6.48	4
48	MP5B	Mx	-.004	4
49	MP5C	X	-5.789	2
50	MP5C	Z	10.027	2
51	MP5C	Mx	.004	2
52	MP5C	X	-5.789	4
53	MP5C	Z	10.027	4
54	MP5C	Mx	.004	4
55	MP2A	X	-5.908	4
56	MP2A	Z	10.233	4
57	MP2A	Mx	-.003	4
58	MP2B	X	-4.675	4
59	MP2B	Z	8.098	4
60	MP2B	Mx	.004	4
61	MP2C	X	-5.59	4
62	MP2C	Z	9.683	4
63	MP2C	Mx	-.004	4
64	MP3A	X	-5.723	4
65	MP3A	Z	9.913	4
66	MP3A	Mx	-.003	4
67	MP3B	X	-4.022	4
68	MP3B	Z	6.966	4
69	MP3B	Mx	.004	4
70	MP3C	X	-5.284	4
71	MP3C	Z	9.153	4
72	MP3C	Mx	-.003	4
73	MP4B	X	-5.967	1
74	MP4B	Z	10.334	1
75	MP4B	Mx	.006	1
76	MP4C	X	-7.226	1
77	MP4C	Z	12.515	1
78	MP4C	Mx	-.005	1
79	MP1A	X	-11.865	1.75
80	MP1A	Z	20.551	1.75
81	MP1A	Mx	.006	1.75
82	MP1A	X	-11.865	5.5
83	MP1A	Z	20.551	5.5
84	MP1A	Mx	.006	5.5
85	MP1B	X	-9.337	1.75
86	MP1B	Z	16.172	1.75
87	MP1B	Mx	-.009	1.75
88	MP1B	X	-9.337	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP1B	Z	16.172	5.5
90	MP1B	Mx	-.009	5.5
91	MP1C	X	-11.213	1.75
92	MP1C	Z	19.422	1.75
93	MP1C	Mx	.007	1.75
94	MP1C	X	-11.213	5.5
95	MP1C	Z	19.422	5.5
96	MP1C	Mx	.007	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-18.824	1
2	MP3A	Z	10.868	1
3	MP3A	Mx	.017	1
4	MP3A	X	-18.824	5
5	MP3A	Z	10.868	5
6	MP3A	Mx	.017	5
7	MP3B	X	-17.096	1
8	MP3B	Z	9.87	1
9	MP3B	Mx	-.007	1
10	MP3B	X	-17.096	5
11	MP3B	Z	9.87	5
12	MP3B	Mx	-.007	5
13	MP3C	X	-24.482	1
14	MP3C	Z	14.134	1
15	MP3C	Mx	-.016	1
16	MP3C	X	-24.482	5
17	MP3C	Z	14.134	5
18	MP3C	Mx	-.016	5
19	MP3A	X	-18.824	1
20	MP3A	Z	10.868	1
21	MP3A	Mx	.002	1
22	MP3A	X	-18.824	5
23	MP3A	Z	10.868	5
24	MP3A	Mx	.002	5
25	MP3B	X	-17.096	1
26	MP3B	Z	9.87	1
27	MP3B	Mx	-.012	1
28	MP3B	X	-17.096	5
29	MP3B	Z	9.87	5
30	MP3B	Mx	-.012	5
31	MP3C	X	-24.482	1
32	MP3C	Z	14.134	1
33	MP3C	Mx	.021	1
34	MP3C	X	-24.482	5
35	MP3C	Z	14.134	5
36	MP3C	Mx	.021	5
37	MP4A	X	-7.484	2
38	MP4A	Z	4.321	2
39	MP4A	Mx	.004	2
40	MP4A	X	-7.484	4
41	MP4A	Z	4.321	4
42	MP4A	Mx	.004	4
43	MP5B	X	-5.825	2
44	MP5B	Z	3.363	2
45	MP5B	Mx	-.003	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP5B	X	-5.825	4
47	MP5B	Z	3.363	4
48	MP5B	Mx	-.003	4
49	MP5C	X	-12.918	2
50	MP5C	Z	7.458	2
51	MP5C	Mx	.001	2
52	MP5C	X	-12.918	4
53	MP5C	Z	7.458	4
54	MP5C	Mx	.001	4
55	MP2A	X	-8.546	4
56	MP2A	Z	4.934	4
57	MP2A	Mx	-.004	4
58	MP2B	X	-7.805	4
59	MP2B	Z	4.506	4
60	MP2B	Mx	.004	4
61	MP2C	X	-10.975	4
62	MP2C	Z	6.336	4
63	MP2C	Mx	-.001	4
64	MP3A	X	-7.585	4
65	MP3A	Z	4.379	4
66	MP3A	Mx	-.004	4
67	MP3B	X	-6.562	4
68	MP3B	Z	3.788	4
69	MP3B	Mx	.004	4
70	MP3C	X	-10.936	4
71	MP3C	Z	6.314	4
72	MP3C	Mx	-.001	4
73	MP4B	X	-9.931	1
74	MP4B	Z	5.734	1
75	MP4B	Mx	.006	1
76	MP4C	X	-14.293	1
77	MP4C	Z	8.252	1
78	MP4C	Mx	-.001	1
79	MP1A	X	-17.092	1.75
80	MP1A	Z	9.868	1.75
81	MP1A	Mx	.009	1.75
82	MP1A	X	-17.092	5.5
83	MP1A	Z	9.868	5.5
84	MP1A	Mx	.009	5.5
85	MP1B	X	-15.572	1.75
86	MP1B	Z	8.99	1.75
87	MP1B	Mx	-.009	1.75
88	MP1B	X	-15.572	5.5
89	MP1B	Z	8.99	5.5
90	MP1B	Mx	-.009	5.5
91	MP1C	X	-22.072	1.75
92	MP1C	Z	12.743	1.75
93	MP1C	Mx	.002	1.75
94	MP1C	X	-22.072	5.5
95	MP1C	Z	12.743	5.5
96	MP1C	Mx	.002	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-19.467	1
2	MP3A	Z	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP3A	Mx	.01	1
4	MP3A	X	-19.467	5
5	MP3A	Z	0	5
6	MP3A	Mx	.01	5
7	MP3B	X	-23.217	1
8	MP3B	Z	0	1
9	MP3B	Mx	.001	1
10	MP3B	X	-23.217	5
11	MP3B	Z	0	5
12	MP3B	Mx	.001	5
13	MP3C	X	-27.481	1
14	MP3C	Z	0	1
15	MP3C	Mx	-.022	1
16	MP3C	X	-27.481	5
17	MP3C	Z	0	5
18	MP3C	Mx	-.022	5
19	MP3A	X	-19.467	1
20	MP3A	Z	0	1
21	MP3A	Mx	.01	1
22	MP3A	X	-19.467	5
23	MP3A	Z	0	5
24	MP3A	Mx	.01	5
25	MP3B	X	-23.217	1
26	MP3B	Z	0	1
27	MP3B	Mx	-.019	1
28	MP3B	X	-23.217	5
29	MP3B	Z	0	5
30	MP3B	Mx	-.019	5
31	MP3C	X	-27.481	1
32	MP3C	Z	0	1
33	MP3C	Mx	.013	1
34	MP3C	X	-27.481	5
35	MP3C	Z	0	5
36	MP3C	Mx	.013	5
37	MP4A	X	-6.463	2
38	MP4A	Z	0	2
39	MP4A	Mx	.003	2
40	MP4A	X	-6.463	4
41	MP4A	Z	0	4
42	MP4A	Mx	.003	4
43	MP5B	X	-10.064	2
44	MP5B	Z	0	2
45	MP5B	Mx	-.004	2
46	MP5B	X	-10.064	4
47	MP5B	Z	0	4
48	MP5B	Mx	-.004	4
49	MP5C	X	-14.159	2
50	MP5C	Z	0	2
51	MP5C	Mx	-.002	2
52	MP5C	X	-14.159	4
53	MP5C	Z	0	4
54	MP5C	Mx	-.002	4
55	MP2A	X	-8.895	4
56	MP2A	Z	0	4
57	MP2A	Mx	-.004	4
58	MP2B	X	-10.504	4
59	MP2B	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP2B	Mx	.004	4
61	MP2C	X	-12.334	4
62	MP2C	Z	0	4
63	MP2C	Mx	.002	4
64	MP3A	X	-7.415	4
65	MP3A	Z	0	4
66	MP3A	Mx	-.004	4
67	MP3B	X	-9.636	4
68	MP3B	Z	0	4
69	MP3B	Mx	.004	4
70	MP3C	X	-12.161	4
71	MP3C	Z	0	4
72	MP3C	Mx	.002	4
73	MP4B	X	-13.521	1
74	MP4B	Z	0	1
75	MP4B	Mx	.005	1
76	MP4C	X	-16.039	1
77	MP4C	Z	0	1
78	MP4C	Mx	.003	1
79	MP1A	X	-17.74	1.75
80	MP1A	Z	0	1.75
81	MP1A	Mx	.009	1.75
82	MP1A	X	-17.74	5.5
83	MP1A	Z	0	5.5
84	MP1A	Mx	.009	5.5
85	MP1B	X	-21.04	1.75
86	MP1B	Z	0	1.75
87	MP1B	Mx	-.008	1.75
88	MP1B	X	-21.04	5.5
89	MP1B	Z	0	5.5
90	MP1B	Mx	-.008	5.5
91	MP1C	X	-24.793	1.75
92	MP1C	Z	0	1.75
93	MP1C	Mx	-.004	1.75
94	MP1C	X	-24.793	5.5
95	MP1C	Z	0	5.5
96	MP1C	Mx	-.004	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-18.824	1
2	MP3A	Z	-10.868	1
3	MP3A	Mx	.002	1
4	MP3A	X	-18.824	5
5	MP3A	Z	-10.868	5
6	MP3A	Mx	.002	5
7	MP3B	X	-23.799	1
8	MP3B	Z	-13.74	1
9	MP3B	Mx	.013	1
10	MP3B	X	-23.799	5
11	MP3B	Z	-13.74	5
12	MP3B	Mx	.013	5
13	MP3C	X	-20.106	1
14	MP3C	Z	-11.608	1
15	MP3C	Mx	-.019	1
16	MP3C	X	-20.106	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP3C	Z	-11.608	5
18	MP3C	Mx	-.019	5
19	MP3A	X	-18.824	1
20	MP3A	Z	-10.868	1
21	MP3A	Mx	.017	1
22	MP3A	X	-18.824	5
23	MP3A	Z	-10.868	5
24	MP3A	Mx	.017	5
25	MP3B	X	-23.799	1
26	MP3B	Z	-13.74	1
27	MP3B	Mx	-.022	1
28	MP3B	X	-23.799	5
29	MP3B	Z	-13.74	5
30	MP3B	Mx	-.022	5
31	MP3C	X	-20.106	1
32	MP3C	Z	-11.608	1
33	MP3C	Mx	.001	1
34	MP3C	X	-20.106	5
35	MP3C	Z	-11.608	5
36	MP3C	Mx	.001	5
37	MP4A	X	-7.484	2
38	MP4A	Z	-4.321	2
39	MP4A	Mx	.004	2
40	MP4A	X	-7.484	4
41	MP4A	Z	-4.321	4
42	MP4A	Mx	.004	4
43	MP5B	X	-12.262	2
44	MP5B	Z	-7.08	2
45	MP5B	Mx	-.002	2
46	MP5B	X	-12.262	4
47	MP5B	Z	-7.08	4
48	MP5B	Mx	-.002	4
49	MP5C	X	-8.716	2
50	MP5C	Z	-5.032	2
51	MP5C	Mx	-.004	2
52	MP5C	X	-8.716	4
53	MP5C	Z	-5.032	4
54	MP5C	Mx	-.004	4
55	MP2A	X	-8.546	4
56	MP2A	Z	-4.934	4
57	MP2A	Mx	-.004	4
58	MP2B	X	-10.682	4
59	MP2B	Z	-6.167	4
60	MP2B	Mx	.002	4
61	MP2C	X	-9.097	4
62	MP2C	Z	-5.252	4
63	MP2C	Mx	.004	4
64	MP3A	X	-7.585	4
65	MP3A	Z	-4.379	4
66	MP3A	Mx	-.004	4
67	MP3B	X	-10.532	4
68	MP3B	Z	-6.08	4
69	MP3B	Mx	.002	4
70	MP3C	X	-8.345	4
71	MP3C	Z	-4.818	4
72	MP3C	Mx	.004	4
73	MP4B	X	-13.89	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP4B	Z	-8.019	1
75	MP4B	Mx	.003	1
76	MP4C	X	-11.709	1
77	MP4C	Z	-6.76	1
78	MP4C	Mx	.005	1
79	MP1A	X	-17.092	1.75
80	MP1A	Z	-9.868	1.75
81	MP1A	Mx	.009	1.75
82	MP1A	X	-17.092	5.5
83	MP1A	Z	-9.868	5.5
84	MP1A	Mx	.009	5.5
85	MP1B	X	-21.471	1.75
86	MP1B	Z	-12.396	1.75
87	MP1B	Mx	-.004	1.75
88	MP1B	X	-21.471	5.5
89	MP1B	Z	-12.396	5.5
90	MP1B	Mx	-.004	5.5
91	MP1C	X	-18.221	1.75
92	MP1C	Z	-10.52	1.75
93	MP1C	Mx	-.008	1.75
94	MP1C	X	-18.221	5.5
95	MP1C	Z	-10.52	5.5
96	MP1C	Mx	-.008	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-13.137	1
2	MP3A	Z	-22.754	1
3	MP3A	Mx	-.009	1
4	MP3A	X	-13.137	5
5	MP3A	Z	-22.754	5
6	MP3A	Mx	-.009	5
7	MP3B	X	-14.134	1
8	MP3B	Z	-24.482	1
9	MP3B	Mx	.021	1
10	MP3B	X	-14.134	5
11	MP3B	Z	-24.482	5
12	MP3B	Mx	.021	5
13	MP3C	X	-9.87	1
14	MP3C	Z	-17.096	1
15	MP3C	Mx	-.012	1
16	MP3C	X	-9.87	5
17	MP3C	Z	-17.096	5
18	MP3C	Mx	-.012	5
19	MP3A	X	-13.137	1
20	MP3A	Z	-22.754	1
21	MP3A	Mx	.022	1
22	MP3A	X	-13.137	5
23	MP3A	Z	-22.754	5
24	MP3A	Mx	.022	5
25	MP3B	X	-14.134	1
26	MP3B	Z	-24.482	1
27	MP3B	Mx	-.016	1
28	MP3B	X	-14.134	5
29	MP3B	Z	-24.482	5
30	MP3B	Mx	-.016	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3C	X	-9.87	1
32	MP3C	Z	-17.096	1
33	MP3C	Mx	-.007	1
34	MP3C	X	-9.87	5
35	MP3C	Z	-17.096	5
36	MP3C	Mx	-.007	5
37	MP4A	X	-6.5	2
38	MP4A	Z	-11.258	2
39	MP4A	Mx	.003	2
40	MP4A	X	-6.5	4
41	MP4A	Z	-11.258	4
42	MP4A	Mx	.003	4
43	MP5B	X	-7.458	2
44	MP5B	Z	-12.918	2
45	MP5B	Mx	.001	2
46	MP5B	X	-7.458	4
47	MP5B	Z	-12.918	4
48	MP5B	Mx	.001	4
49	MP5C	X	-3.363	2
50	MP5C	Z	-5.825	2
51	MP5C	Mx	-.003	2
52	MP5C	X	-3.363	4
53	MP5C	Z	-5.825	4
54	MP5C	Mx	-.003	4
55	MP2A	X	-5.908	4
56	MP2A	Z	-10.233	4
57	MP2A	Mx	-.003	4
58	MP2B	X	-6.336	4
59	MP2B	Z	-10.975	4
60	MP2B	Mx	-.001	4
61	MP2C	X	-4.506	4
62	MP2C	Z	-7.805	4
63	MP2C	Mx	.004	4
64	MP3A	X	-5.723	4
65	MP3A	Z	-9.913	4
66	MP3A	Mx	-.003	4
67	MP3B	X	-6.314	4
68	MP3B	Z	-10.936	4
69	MP3B	Mx	-.001	4
70	MP3C	X	-3.788	4
71	MP3C	Z	-6.562	4
72	MP3C	Mx	.004	4
73	MP4B	X	-8.252	1
74	MP4B	Z	-14.293	1
75	MP4B	Mx	-.001	1
76	MP4C	X	-5.734	1
77	MP4C	Z	-9.931	1
78	MP4C	Mx	.006	1
79	MP1A	X	-11.865	1.75
80	MP1A	Z	-20.551	1.75
81	MP1A	Mx	.006	1.75
82	MP1A	X	-11.865	5.5
83	MP1A	Z	-20.551	5.5
84	MP1A	Mx	.006	5.5
85	MP1B	X	-12.743	1.75
86	MP1B	Z	-22.072	1.75
87	MP1B	Mx	.002	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP1B	X	-12.743	5.5
89	MP1B	Z	-22.072	5.5
90	MP1B	Mx	.002	5.5
91	MP1C	X	-8.99	1.75
92	MP1C	Z	-15.572	1.75
93	MP1C	Mx	-.009	1.75
94	MP1C	X	-8.99	5.5
95	MP1C	Z	-15.572	5.5
96	MP1C	Mx	-.009	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1
2	MP3A	Z	-9.381	1
3	MP3A	Mx	-.006	1
4	MP3A	X	0	5
5	MP3A	Z	-9.381	5
6	MP3A	Mx	-.006	5
7	MP3B	X	0	1
8	MP3B	Z	-8.051	1
9	MP3B	Mx	.007	1
10	MP3B	X	0	5
11	MP3B	Z	-8.051	5
12	MP3B	Mx	.007	5
13	MP3C	X	0	1
14	MP3C	Z	-6.538	1
15	MP3C	Mx	-.002	1
16	MP3C	X	0	5
17	MP3C	Z	-6.538	5
18	MP3C	Mx	-.002	5
19	MP3A	X	0	1
20	MP3A	Z	-9.381	1
21	MP3A	Mx	.006	1
22	MP3A	X	0	5
23	MP3A	Z	-9.381	5
24	MP3A	Mx	.006	5
25	MP3B	X	0	1
26	MP3B	Z	-8.051	1
27	MP3B	Mx	-.002	1
28	MP3B	X	0	5
29	MP3B	Z	-8.051	5
30	MP3B	Mx	-.002	5
31	MP3C	X	0	1
32	MP3C	Z	-6.538	1
33	MP3C	Mx	-.005	1
34	MP3C	X	0	5
35	MP3C	Z	-6.538	5
36	MP3C	Mx	-.005	5
37	MP4A	X	0	2
38	MP4A	Z	-4.84	2
39	MP4A	Mx	0	2
40	MP4A	X	0	4
41	MP4A	Z	-4.84	4
42	MP4A	Mx	0	4
43	MP5B	X	0	2
44	MP5B	Z	-3.623	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP5B	Mx	.001	2
46	MP5B	X	0	4
47	MP5B	Z	-3.623	4
48	MP5B	Mx	.001	4
49	MP5C	X	0	2
50	MP5C	Z	-2.239	2
51	MP5C	Mx	-.001	2
52	MP5C	X	0	4
53	MP5C	Z	-2.239	4
54	MP5C	Mx	-.001	4
55	MP2A	X	0	4
56	MP2A	Z	-3.851	4
57	MP2A	Mx	0	4
58	MP2B	X	0	4
59	MP2B	Z	-3.324	4
60	MP2B	Mx	-.001	4
61	MP2C	X	0	4
62	MP2C	Z	-2.724	4
63	MP2C	Mx	.001	4
64	MP3A	X	0	4
65	MP3A	Z	-3.851	4
66	MP3A	Mx	0	4
67	MP3B	X	0	4
68	MP3B	Z	-3.122	4
69	MP3B	Mx	-.001	4
70	MP3C	X	0	4
71	MP3C	Z	-2.292	4
72	MP3C	Mx	.001	4
73	MP4B	X	0	1
74	MP4B	Z	-4.403	1
75	MP4B	Mx	-.001	1
76	MP4C	X	0	1
77	MP4C	Z	-3.555	1
78	MP4C	Mx	.002	1
79	MP1A	X	0	1.75
80	MP1A	Z	-8.403	1.75
81	MP1A	Mx	0	1.75
82	MP1A	X	0	5.5
83	MP1A	Z	-8.403	5.5
84	MP1A	Mx	0	5.5
85	MP1B	X	0	1.75
86	MP1B	Z	-7.227	1.75
87	MP1B	Mx	.002	1.75
88	MP1B	X	0	5.5
89	MP1B	Z	-7.227	5.5
90	MP1B	Mx	.002	5.5
91	MP1C	X	0	1.75
92	MP1C	Z	-5.89	1.75
93	MP1C	Mx	-.003	1.75
94	MP1C	X	0	5.5
95	MP1C	Z	-5.89	5.5
96	MP1C	Mx	-.003	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	4.288	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP3A	Z	-7.427	1
3	MP3A	Mx	-.007	1
4	MP3A	X	4.288	5
5	MP3A	Z	-7.427	5
6	MP3A	Mx	-.007	5
7	MP3B	X	3.269	1
8	MP3B	Z	-5.662	1
9	MP3B	Mx	.005	1
10	MP3B	X	3.269	5
11	MP3B	Z	-5.662	5
12	MP3B	Mx	.005	5
13	MP3C	X	4.025	1
14	MP3C	Z	-6.972	1
15	MP3C	Mx	.002	1
16	MP3C	X	4.025	5
17	MP3C	Z	-6.972	5
18	MP3C	Mx	.002	5
19	MP3A	X	4.288	1
20	MP3A	Z	-7.427	1
21	MP3A	Mx	.003	1
22	MP3A	X	4.288	5
23	MP3A	Z	-7.427	5
24	MP3A	Mx	.003	5
25	MP3B	X	3.269	1
26	MP3B	Z	-5.662	1
27	MP3B	Mx	.002	1
28	MP3B	X	3.269	5
29	MP3B	Z	-5.662	5
30	MP3B	Mx	.002	5
31	MP3C	X	4.025	1
32	MP3C	Z	-6.972	1
33	MP3C	Mx	-.007	1
34	MP3C	X	4.025	5
35	MP3C	Z	-6.972	5
36	MP3C	Mx	-.007	5
37	MP4A	X	2.052	2
38	MP4A	Z	-3.554	2
39	MP4A	Mx	-.001	2
40	MP4A	X	2.052	4
41	MP4A	Z	-3.554	4
42	MP4A	Mx	-.001	4
43	MP5B	X	1.12	2
44	MP5B	Z	-1.939	2
45	MP5B	Mx	.001	2
46	MP5B	X	1.12	4
47	MP5B	Z	-1.939	4
48	MP5B	Mx	.001	4
49	MP5C	X	1.811	2
50	MP5C	Z	-3.138	2
51	MP5C	Mx	-.001	2
52	MP5C	X	1.811	4
53	MP5C	Z	-3.138	4
54	MP5C	Mx	-.001	4
55	MP2A	X	1.766	4
56	MP2A	Z	-3.059	4
57	MP2A	Mx	.000883	4
58	MP2B	X	1.362	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP2B	Z	-2.359	4
60	MP2B	Mx	-.001	4
61	MP2C	X	1.662	4
62	MP2C	Z	-2.878	4
63	MP2C	Mx	.001	4
64	MP3A	X	1.705	4
65	MP3A	Z	-2.953	4
66	MP3A	Mx	.000853	4
67	MP3B	X	1.146	4
68	MP3B	Z	-1.985	4
69	MP3B	Mx	-.001	4
70	MP3C	X	1.561	4
71	MP3C	Z	-2.703	4
72	MP3C	Mx	.001	4
73	MP4B	X	1.777	1
74	MP4B	Z	-3.078	1
75	MP4B	Mx	-.002	1
76	MP4C	X	2.201	1
77	MP4C	Z	-3.813	1
78	MP4C	Mx	.001	1
79	MP1A	X	3.846	1.75
80	MP1A	Z	-6.661	1.75
81	MP1A	Mx	-.002	1.75
82	MP1A	X	3.846	5.5
83	MP1A	Z	-6.661	5.5
84	MP1A	Mx	-.002	5.5
85	MP1B	X	2.945	1.75
86	MP1B	Z	-5.101	1.75
87	MP1B	Mx	.003	1.75
88	MP1B	X	2.945	5.5
89	MP1B	Z	-5.101	5.5
90	MP1B	Mx	.003	5.5
91	MP1C	X	3.613	1.75
92	MP1C	Z	-6.259	1.75
93	MP1C	Mx	-.002	1.75
94	MP1C	X	3.613	5.5
95	MP1C	Z	-6.259	5.5
96	MP1C	Mx	-.002	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	6.033	1
2	MP3A	Z	-3.483	1
3	MP3A	Mx	-.005	1
4	MP3A	X	6.033	5
5	MP3A	Z	-3.483	5
6	MP3A	Mx	-.005	5
7	MP3B	X	5.42	1
8	MP3B	Z	-3.129	1
9	MP3B	Mx	.002	1
10	MP3B	X	5.42	5
11	MP3B	Z	-3.129	5
12	MP3B	Mx	.002	5
13	MP3C	X	8.04	1
14	MP3C	Z	-4.642	1
15	MP3C	Mx	.005	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP3C	X	8.04	5
17	MP3C	Z	-4.642	5
18	MP3C	Mx	.005	5
19	MP3A	X	6.033	1
20	MP3A	Z	-3.483	1
21	MP3A	Mx	-.000694	1
22	MP3A	X	6.033	5
23	MP3A	Z	-3.483	5
24	MP3A	Mx	-.000694	5
25	MP3B	X	5.42	1
26	MP3B	Z	-3.129	1
27	MP3B	Mx	.004	1
28	MP3B	X	5.42	5
29	MP3B	Z	-3.129	5
30	MP3B	Mx	.004	5
31	MP3C	X	8.04	1
32	MP3C	Z	-4.642	1
33	MP3C	Mx	-.007	1
34	MP3C	X	8.04	5
35	MP3C	Z	-4.642	5
36	MP3C	Mx	-.007	5
37	MP4A	X	2.278	2
38	MP4A	Z	-1.315	2
39	MP4A	Mx	-.001	2
40	MP4A	X	2.278	4
41	MP4A	Z	-1.315	4
42	MP4A	Mx	-.001	4
43	MP5B	X	1.718	2
44	MP5B	Z	-.992	2
45	MP5B	Mx	.000977	2
46	MP5B	X	1.718	4
47	MP5B	Z	-.992	4
48	MP5B	Mx	.000977	4
49	MP5C	X	4.114	2
50	MP5C	Z	-2.375	2
51	MP5C	Mx	-.000412	2
52	MP5C	X	4.114	4
53	MP5C	Z	-2.375	4
54	MP5C	Mx	-.000412	4
55	MP2A	X	2.506	4
56	MP2A	Z	-1.447	4
57	MP2A	Mx	.001	4
58	MP2B	X	2.263	4
59	MP2B	Z	-1.306	4
60	MP2B	Mx	-.001	4
61	MP2C	X	3.302	4
62	MP2C	Z	-1.906	4
63	MP2C	Mx	.000331	4
64	MP3A	X	2.188	4
65	MP3A	Z	-1.263	4
66	MP3A	Mx	.001	4
67	MP3B	X	1.852	4
68	MP3B	Z	-1.069	4
69	MP3B	Mx	-.001	4
70	MP3C	X	3.289	4
71	MP3C	Z	-1.899	4
72	MP3C	Mx	.00033	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP4B	X	2.943	1
74	MP4B	Z	-1.699	1
75	MP4B	Mx	-.002	1
76	MP4C	X	4.412	1
77	MP4C	Z	-2.547	1
78	MP4C	Mx	.000442	1
79	MP1A	X	5.428	1.75
80	MP1A	Z	-3.134	1.75
81	MP1A	Mx	-.003	1.75
82	MP1A	X	5.428	5.5
83	MP1A	Z	-3.134	5.5
84	MP1A	Mx	-.003	5.5
85	MP1B	X	4.887	1.75
86	MP1B	Z	-2.821	1.75
87	MP1B	Mx	.003	1.75
88	MP1B	X	4.887	5.5
89	MP1B	Z	-2.821	5.5
90	MP1B	Mx	.003	5.5
91	MP1C	X	7.203	1.75
92	MP1C	Z	-4.158	1.75
93	MP1C	Mx	-.000722	1.75
94	MP1C	X	7.203	5.5
95	MP1C	Z	-4.158	5.5
96	MP1C	Mx	-.000722	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	6.161	1
2	MP3A	Z	0	1
3	MP3A	Mx	-.003	1
4	MP3A	X	6.161	5
5	MP3A	Z	0	5
6	MP3A	Mx	-.003	5
7	MP3B	X	7.491	1
8	MP3B	Z	0	1
9	MP3B	Mx	-.000341	1
10	MP3B	X	7.491	5
11	MP3B	Z	0	5
12	MP3B	Mx	-.000341	5
13	MP3C	X	9.004	1
14	MP3C	Z	0	1
15	MP3C	Mx	.007	1
16	MP3C	X	9.004	5
17	MP3C	Z	0	5
18	MP3C	Mx	.007	5
19	MP3A	X	6.161	1
20	MP3A	Z	0	1
21	MP3A	Mx	-.003	1
22	MP3A	X	6.161	5
23	MP3A	Z	0	5
24	MP3A	Mx	-.003	5
25	MP3B	X	7.491	1
26	MP3B	Z	0	1
27	MP3B	Mx	.006	1
28	MP3B	X	7.491	5
29	MP3B	Z	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP3B	Mx	.006	5
31	MP3C	X	9.004	1
32	MP3C	Z	0	1
33	MP3C	Mx	-.004	1
34	MP3C	X	9.004	5
35	MP3C	Z	0	5
36	MP3C	Mx	-.004	5
37	MP4A	X	1.895	2
38	MP4A	Z	0	2
39	MP4A	Mx	-.000948	2
40	MP4A	X	1.895	4
41	MP4A	Z	0	4
42	MP4A	Mx	-.000948	4
43	MP5B	X	3.112	2
44	MP5B	Z	0	2
45	MP5B	Mx	.001	2
46	MP5B	X	3.112	4
47	MP5B	Z	0	4
48	MP5B	Mx	.001	4
49	MP5C	X	4.495	2
50	MP5C	Z	0	2
51	MP5C	Mx	.000769	2
52	MP5C	X	4.495	4
53	MP5C	Z	0	4
54	MP5C	Mx	.000769	4
55	MP2A	X	2.574	4
56	MP2A	Z	0	4
57	MP2A	Mx	.001	4
58	MP2B	X	3.102	4
59	MP2B	Z	0	4
60	MP2B	Mx	-.001	4
61	MP2C	X	3.702	4
62	MP2C	Z	0	4
63	MP2C	Mx	-.000633	4
64	MP3A	X	2.085	4
65	MP3A	Z	0	4
66	MP3A	Mx	.001	4
67	MP3B	X	2.815	4
68	MP3B	Z	0	4
69	MP3B	Mx	-.001	4
70	MP3C	X	3.645	4
71	MP3C	Z	0	4
72	MP3C	Mx	-.000623	4
73	MP4B	X	4.089	1
74	MP4B	Z	0	1
75	MP4B	Mx	-.002	1
76	MP4C	X	4.937	1
77	MP4C	Z	0	1
78	MP4C	Mx	-.000844	1
79	MP1A	X	5.557	1.75
80	MP1A	Z	0	1.75
81	MP1A	Mx	-.003	1.75
82	MP1A	X	5.557	5.5
83	MP1A	Z	0	5.5
84	MP1A	Mx	-.003	5.5
85	MP1B	X	6.733	1.75
86	MP1B	Z	0	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP1B	Mx	.003	1.75
88	MP1B	X	6.733	5.5
89	MP1B	Z	0	5.5
90	MP1B	Mx	.003	5.5
91	MP1C	X	8.07	1.75
92	MP1C	Z	0	1.75
93	MP1C	Mx	.001	1.75
94	MP1C	X	8.07	5.5
95	MP1C	Z	0	5.5
96	MP1C	Mx	.001	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	6.033	1
2	MP3A	Z	3.483	1
3	MP3A	Mx	-.000694	1
4	MP3A	X	6.033	5
5	MP3A	Z	3.483	5
6	MP3A	Mx	-.000694	5
7	MP3B	X	7.798	1
8	MP3B	Z	4.502	1
9	MP3B	Mx	-.004	1
10	MP3B	X	7.798	5
11	MP3B	Z	4.502	5
12	MP3B	Mx	-.004	5
13	MP3C	X	6.488	1
14	MP3C	Z	3.746	1
15	MP3C	Mx	.006	1
16	MP3C	X	6.488	5
17	MP3C	Z	3.746	5
18	MP3C	Mx	.006	5
19	MP3A	X	6.033	1
20	MP3A	Z	3.483	1
21	MP3A	Mx	-.005	1
22	MP3A	X	6.033	5
23	MP3A	Z	3.483	5
24	MP3A	Mx	-.005	5
25	MP3B	X	7.798	1
26	MP3B	Z	4.502	1
27	MP3B	Mx	.007	1
28	MP3B	X	7.798	5
29	MP3B	Z	4.502	5
30	MP3B	Mx	.007	5
31	MP3C	X	6.488	1
32	MP3C	Z	3.746	1
33	MP3C	Mx	-.000341	1
34	MP3C	X	6.488	5
35	MP3C	Z	3.746	5
36	MP3C	Mx	-.000341	5
37	MP4A	X	2.278	2
38	MP4A	Z	1.315	2
39	MP4A	Mx	-.001	2
40	MP4A	X	2.278	4
41	MP4A	Z	1.315	4
42	MP4A	Mx	-.001	4
43	MP5B	X	3.893	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP5B	Z	2.248	2
45	MP5B	Mx	.000769	2
46	MP5B	X	3.893	4
47	MP5B	Z	2.248	4
48	MP5B	Mx	.000769	4
49	MP5C	X	2.695	2
50	MP5C	Z	1.556	2
51	MP5C	Mx	.001	2
52	MP5C	X	2.695	4
53	MP5C	Z	1.556	4
54	MP5C	Mx	.001	4
55	MP2A	X	2.506	4
56	MP2A	Z	1.447	4
57	MP2A	Mx	.001	4
58	MP2B	X	3.206	4
59	MP2B	Z	1.851	4
60	MP2B	Mx	-.000633	4
61	MP2C	X	2.686	4
62	MP2C	Z	1.551	4
63	MP2C	Mx	-.001	4
64	MP3A	X	2.188	4
65	MP3A	Z	1.263	4
66	MP3A	Mx	.001	4
67	MP3B	X	3.156	4
68	MP3B	Z	1.822	4
69	MP3B	Mx	-.000623	4
70	MP3C	X	2.438	4
71	MP3C	Z	1.407	4
72	MP3C	Mx	-.001	4
73	MP4B	X	4.276	1
74	MP4B	Z	2.469	1
75	MP4B	Mx	-.000844	1
76	MP4C	X	3.541	1
77	MP4C	Z	2.045	1
78	MP4C	Mx	-.002	1
79	MP1A	X	5.428	1.75
80	MP1A	Z	3.134	1.75
81	MP1A	Mx	-.003	1.75
82	MP1A	X	5.428	5.5
83	MP1A	Z	3.134	5.5
84	MP1A	Mx	-.003	5.5
85	MP1B	X	6.989	1.75
86	MP1B	Z	4.035	1.75
87	MP1B	Mx	.001	1.75
88	MP1B	X	6.989	5.5
89	MP1B	Z	4.035	5.5
90	MP1B	Mx	.001	5.5
91	MP1C	X	5.831	1.75
92	MP1C	Z	3.366	1.75
93	MP1C	Mx	.003	1.75
94	MP1C	X	5.831	5.5
95	MP1C	Z	3.366	5.5
96	MP1C	Mx	.003	5.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	4.288	1
2	MP3A	Z	7.427	1
3	MP3A	Mx	.003	1
4	MP3A	X	4.288	5
5	MP3A	Z	7.427	5
6	MP3A	Mx	.003	5
7	MP3B	X	4.642	1
8	MP3B	Z	8.04	1
9	MP3B	Mx	-.007	1
10	MP3B	X	4.642	5
11	MP3B	Z	8.04	5
12	MP3B	Mx	-.007	5
13	MP3C	X	3.129	1
14	MP3C	Z	5.42	1
15	MP3C	Mx	.004	1
16	MP3C	X	3.129	5
17	MP3C	Z	5.42	5
18	MP3C	Mx	.004	5
19	MP3A	X	4.288	1
20	MP3A	Z	7.427	1
21	MP3A	Mx	-.007	1
22	MP3A	X	4.288	5
23	MP3A	Z	7.427	5
24	MP3A	Mx	-.007	5
25	MP3B	X	4.642	1
26	MP3B	Z	8.04	1
27	MP3B	Mx	.005	1
28	MP3B	X	4.642	5
29	MP3B	Z	8.04	5
30	MP3B	Mx	.005	5
31	MP3C	X	3.129	1
32	MP3C	Z	5.42	1
33	MP3C	Mx	.002	1
34	MP3C	X	3.129	5
35	MP3C	Z	5.42	5
36	MP3C	Mx	.002	5
37	MP4A	X	2.052	2
38	MP4A	Z	3.554	2
39	MP4A	Mx	-.001	2
40	MP4A	X	2.052	4
41	MP4A	Z	3.554	4
42	MP4A	Mx	-.001	4
43	MP5B	X	2.375	2
44	MP5B	Z	4.114	2
45	MP5B	Mx	-.000413	2
46	MP5B	X	2.375	4
47	MP5B	Z	4.114	4
48	MP5B	Mx	-.000413	4
49	MP5C	X	.992	2
50	MP5C	Z	1.718	2
51	MP5C	Mx	.000977	2
52	MP5C	X	.992	4
53	MP5C	Z	1.718	4
54	MP5C	Mx	.000977	4
55	MP2A	X	1.766	4
56	MP2A	Z	3.059	4
57	MP2A	Mx	.000883	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	1.906	4
59	MP2B	Z	3.302	4
60	MP2B	Mx	.000331	4
61	MP2C	X	1.306	4
62	MP2C	Z	2.263	4
63	MP2C	Mx	-.001	4
64	MP3A	X	1.705	4
65	MP3A	Z	2.953	4
66	MP3A	Mx	.000853	4
67	MP3B	X	1.899	4
68	MP3B	Z	3.289	4
69	MP3B	Mx	.00033	4
70	MP3C	X	1.069	4
71	MP3C	Z	1.852	4
72	MP3C	Mx	-.001	4
73	MP4B	X	2.547	1
74	MP4B	Z	4.412	1
75	MP4B	Mx	.000442	1
76	MP4C	X	1.699	1
77	MP4C	Z	2.943	1
78	MP4C	Mx	-.002	1
79	MP1A	X	3.846	1.75
80	MP1A	Z	6.661	1.75
81	MP1A	Mx	-.002	1.75
82	MP1A	X	3.846	5.5
83	MP1A	Z	6.661	5.5
84	MP1A	Mx	-.002	5.5
85	MP1B	X	4.158	1.75
86	MP1B	Z	7.203	1.75
87	MP1B	Mx	-.000722	1.75
88	MP1B	X	4.158	5.5
89	MP1B	Z	7.203	5.5
90	MP1B	Mx	-.000722	5.5
91	MP1C	X	2.821	1.75
92	MP1C	Z	4.887	1.75
93	MP1C	Mx	.003	1.75
94	MP1C	X	2.821	5.5
95	MP1C	Z	4.887	5.5
96	MP1C	Mx	.003	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1
2	MP3A	Z	9.381	1
3	MP3A	Mx	.006	1
4	MP3A	X	0	5
5	MP3A	Z	9.381	5
6	MP3A	Mx	.006	5
7	MP3B	X	0	1
8	MP3B	Z	8.051	1
9	MP3B	Mx	-.007	1
10	MP3B	X	0	5
11	MP3B	Z	8.051	5
12	MP3B	Mx	-.007	5
13	MP3C	X	0	1
14	MP3C	Z	6.538	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP3C	Mx	.002	1
16	MP3C	X	0	5
17	MP3C	Z	6.538	5
18	MP3C	Mx	.002	5
19	MP3A	X	0	1
20	MP3A	Z	9.381	1
21	MP3A	Mx	-.006	1
22	MP3A	X	0	5
23	MP3A	Z	9.381	5
24	MP3A	Mx	-.006	5
25	MP3B	X	0	1
26	MP3B	Z	8.051	1
27	MP3B	Mx	.002	1
28	MP3B	X	0	5
29	MP3B	Z	8.051	5
30	MP3B	Mx	.002	5
31	MP3C	X	0	1
32	MP3C	Z	6.538	1
33	MP3C	Mx	.005	1
34	MP3C	X	0	5
35	MP3C	Z	6.538	5
36	MP3C	Mx	.005	5
37	MP4A	X	0	2
38	MP4A	Z	4.84	2
39	MP4A	Mx	0	2
40	MP4A	X	0	4
41	MP4A	Z	4.84	4
42	MP4A	Mx	0	4
43	MP5B	X	0	2
44	MP5B	Z	3.623	2
45	MP5B	Mx	-.001	2
46	MP5B	X	0	4
47	MP5B	Z	3.623	4
48	MP5B	Mx	-.001	4
49	MP5C	X	0	2
50	MP5C	Z	2.239	2
51	MP5C	Mx	.001	2
52	MP5C	X	0	4
53	MP5C	Z	2.239	4
54	MP5C	Mx	.001	4
55	MP2A	X	0	4
56	MP2A	Z	3.851	4
57	MP2A	Mx	0	4
58	MP2B	X	0	4
59	MP2B	Z	3.324	4
60	MP2B	Mx	.001	4
61	MP2C	X	0	4
62	MP2C	Z	2.724	4
63	MP2C	Mx	-.001	4
64	MP3A	X	0	4
65	MP3A	Z	3.851	4
66	MP3A	Mx	0	4
67	MP3B	X	0	4
68	MP3B	Z	3.122	4
69	MP3B	Mx	.001	4
70	MP3C	X	0	4
71	MP3C	Z	2.292	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP3C	Mx	-.001	4
73	MP4B	X	0	1
74	MP4B	Z	4.403	1
75	MP4B	Mx	.001	1
76	MP4C	X	0	1
77	MP4C	Z	3.555	1
78	MP4C	Mx	-.002	1
79	MP1A	X	0	1.75
80	MP1A	Z	8.403	1.75
81	MP1A	Mx	0	1.75
82	MP1A	X	0	5.5
83	MP1A	Z	8.403	5.5
84	MP1A	Mx	0	5.5
85	MP1B	X	0	1.75
86	MP1B	Z	7.227	1.75
87	MP1B	Mx	-.002	1.75
88	MP1B	X	0	5.5
89	MP1B	Z	7.227	5.5
90	MP1B	Mx	-.002	5.5
91	MP1C	X	0	1.75
92	MP1C	Z	5.89	1.75
93	MP1C	Mx	.003	1.75
94	MP1C	X	0	5.5
95	MP1C	Z	5.89	5.5
96	MP1C	Mx	.003	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-4.288	1
2	MP3A	Z	7.427	1
3	MP3A	Mx	.007	1
4	MP3A	X	-4.288	5
5	MP3A	Z	7.427	5
6	MP3A	Mx	.007	5
7	MP3B	X	-3.269	1
8	MP3B	Z	5.662	1
9	MP3B	Mx	-.005	1
10	MP3B	X	-3.269	5
11	MP3B	Z	5.662	5
12	MP3B	Mx	-.005	5
13	MP3C	X	-4.025	1
14	MP3C	Z	6.972	1
15	MP3C	Mx	-.002	1
16	MP3C	X	-4.025	5
17	MP3C	Z	6.972	5
18	MP3C	Mx	-.002	5
19	MP3A	X	-4.288	1
20	MP3A	Z	7.427	1
21	MP3A	Mx	-.003	1
22	MP3A	X	-4.288	5
23	MP3A	Z	7.427	5
24	MP3A	Mx	-.003	5
25	MP3B	X	-3.269	1
26	MP3B	Z	5.662	1
27	MP3B	Mx	-.002	1
28	MP3B	X	-3.269	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP3B	Z	5.662	5
30	MP3B	Mx	-.002	5
31	MP3C	X	-4.025	1
32	MP3C	Z	6.972	1
33	MP3C	Mx	.007	1
34	MP3C	X	-4.025	5
35	MP3C	Z	6.972	5
36	MP3C	Mx	.007	5
37	MP4A	X	-2.052	2
38	MP4A	Z	3.554	2
39	MP4A	Mx	.001	2
40	MP4A	X	-2.052	4
41	MP4A	Z	3.554	4
42	MP4A	Mx	.001	4
43	MP5B	X	-1.12	2
44	MP5B	Z	1.939	2
45	MP5B	Mx	-.001	2
46	MP5B	X	-1.12	4
47	MP5B	Z	1.939	4
48	MP5B	Mx	-.001	4
49	MP5C	X	-1.811	2
50	MP5C	Z	3.138	2
51	MP5C	Mx	.001	2
52	MP5C	X	-1.811	4
53	MP5C	Z	3.138	4
54	MP5C	Mx	.001	4
55	MP2A	X	-1.766	4
56	MP2A	Z	3.059	4
57	MP2A	Mx	-.000883	4
58	MP2B	X	-1.362	4
59	MP2B	Z	2.359	4
60	MP2B	Mx	.001	4
61	MP2C	X	-1.662	4
62	MP2C	Z	2.878	4
63	MP2C	Mx	-.001	4
64	MP3A	X	-1.705	4
65	MP3A	Z	2.953	4
66	MP3A	Mx	-.000853	4
67	MP3B	X	-1.146	4
68	MP3B	Z	1.985	4
69	MP3B	Mx	.001	4
70	MP3C	X	-1.561	4
71	MP3C	Z	2.703	4
72	MP3C	Mx	-.001	4
73	MP4B	X	-1.777	1
74	MP4B	Z	3.078	1
75	MP4B	Mx	.002	1
76	MP4C	X	-2.201	1
77	MP4C	Z	3.813	1
78	MP4C	Mx	-.001	1
79	MP1A	X	-3.846	1.75
80	MP1A	Z	6.661	1.75
81	MP1A	Mx	.002	1.75
82	MP1A	X	-3.846	5.5
83	MP1A	Z	6.661	5.5
84	MP1A	Mx	.002	5.5
85	MP1B	X	-2.945	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP1B	Z	5.101	1.75
87	MP1B	Mx	-.003	1.75
88	MP1B	X	-2.945	5.5
89	MP1B	Z	5.101	5.5
90	MP1B	Mx	-.003	5.5
91	MP1C	X	-3.613	1.75
92	MP1C	Z	6.259	1.75
93	MP1C	Mx	.002	1.75
94	MP1C	X	-3.613	5.5
95	MP1C	Z	6.259	5.5
96	MP1C	Mx	.002	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-6.033	1
2	MP3A	Z	3.483	1
3	MP3A	Mx	.005	1
4	MP3A	X	-6.033	5
5	MP3A	Z	3.483	5
6	MP3A	Mx	.005	5
7	MP3B	X	-5.42	1
8	MP3B	Z	3.129	1
9	MP3B	Mx	-.002	1
10	MP3B	X	-5.42	5
11	MP3B	Z	3.129	5
12	MP3B	Mx	-.002	5
13	MP3C	X	-8.04	1
14	MP3C	Z	4.642	1
15	MP3C	Mx	-.005	1
16	MP3C	X	-8.04	5
17	MP3C	Z	4.642	5
18	MP3C	Mx	-.005	5
19	MP3A	X	-6.033	1
20	MP3A	Z	3.483	1
21	MP3A	Mx	.000694	1
22	MP3A	X	-6.033	5
23	MP3A	Z	3.483	5
24	MP3A	Mx	.000694	5
25	MP3B	X	-5.42	1
26	MP3B	Z	3.129	1
27	MP3B	Mx	-.004	1
28	MP3B	X	-5.42	5
29	MP3B	Z	3.129	5
30	MP3B	Mx	-.004	5
31	MP3C	X	-8.04	1
32	MP3C	Z	4.642	1
33	MP3C	Mx	.007	1
34	MP3C	X	-8.04	5
35	MP3C	Z	4.642	5
36	MP3C	Mx	.007	5
37	MP4A	X	-2.278	2
38	MP4A	Z	1.315	2
39	MP4A	Mx	.001	2
40	MP4A	X	-2.278	4
41	MP4A	Z	1.315	4
42	MP4A	Mx	.001	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP5B	X	-1.718	2
44	MP5B	Z	.992	2
45	MP5B	Mx	-.000977	2
46	MP5B	X	-1.718	4
47	MP5B	Z	.992	4
48	MP5B	Mx	-.000977	4
49	MP5C	X	-4.114	2
50	MP5C	Z	2.375	2
51	MP5C	Mx	.000412	2
52	MP5C	X	-4.114	4
53	MP5C	Z	2.375	4
54	MP5C	Mx	.000412	4
55	MP2A	X	-2.506	4
56	MP2A	Z	1.447	4
57	MP2A	Mx	-.001	4
58	MP2B	X	-2.263	4
59	MP2B	Z	1.306	4
60	MP2B	Mx	.001	4
61	MP2C	X	-3.302	4
62	MP2C	Z	1.906	4
63	MP2C	Mx	-.000331	4
64	MP3A	X	-2.188	4
65	MP3A	Z	1.263	4
66	MP3A	Mx	-.001	4
67	MP3B	X	-1.852	4
68	MP3B	Z	1.069	4
69	MP3B	Mx	.001	4
70	MP3C	X	-3.289	4
71	MP3C	Z	1.899	4
72	MP3C	Mx	-.00033	4
73	MP4B	X	-2.943	1
74	MP4B	Z	1.699	1
75	MP4B	Mx	.002	1
76	MP4C	X	-4.412	1
77	MP4C	Z	2.547	1
78	MP4C	Mx	-.000442	1
79	MP1A	X	-5.428	1.75
80	MP1A	Z	3.134	1.75
81	MP1A	Mx	.003	1.75
82	MP1A	X	-5.428	5.5
83	MP1A	Z	3.134	5.5
84	MP1A	Mx	.003	5.5
85	MP1B	X	-4.887	1.75
86	MP1B	Z	2.821	1.75
87	MP1B	Mx	-.003	1.75
88	MP1B	X	-4.887	5.5
89	MP1B	Z	2.821	5.5
90	MP1B	Mx	-.003	5.5
91	MP1C	X	-7.203	1.75
92	MP1C	Z	4.158	1.75
93	MP1C	Mx	.000722	1.75
94	MP1C	X	-7.203	5.5
95	MP1C	Z	4.158	5.5
96	MP1C	Mx	.000722	5.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-6.161	1
2	MP3A	Z	0	1
3	MP3A	Mx	.003	1
4	MP3A	X	-6.161	5
5	MP3A	Z	0	5
6	MP3A	Mx	.003	5
7	MP3B	X	-7.491	1
8	MP3B	Z	0	1
9	MP3B	Mx	.000341	1
10	MP3B	X	-7.491	5
11	MP3B	Z	0	5
12	MP3B	Mx	.000341	5
13	MP3C	X	-9.004	1
14	MP3C	Z	0	1
15	MP3C	Mx	-.007	1
16	MP3C	X	-9.004	5
17	MP3C	Z	0	5
18	MP3C	Mx	-.007	5
19	MP3A	X	-6.161	1
20	MP3A	Z	0	1
21	MP3A	Mx	.003	1
22	MP3A	X	-6.161	5
23	MP3A	Z	0	5
24	MP3A	Mx	.003	5
25	MP3B	X	-7.491	1
26	MP3B	Z	0	1
27	MP3B	Mx	-.006	1
28	MP3B	X	-7.491	5
29	MP3B	Z	0	5
30	MP3B	Mx	-.006	5
31	MP3C	X	-9.004	1
32	MP3C	Z	0	1
33	MP3C	Mx	.004	1
34	MP3C	X	-9.004	5
35	MP3C	Z	0	5
36	MP3C	Mx	.004	5
37	MP4A	X	-1.895	2
38	MP4A	Z	0	2
39	MP4A	Mx	.000948	2
40	MP4A	X	-1.895	4
41	MP4A	Z	0	4
42	MP4A	Mx	.000948	4
43	MP5B	X	-3.112	2
44	MP5B	Z	0	2
45	MP5B	Mx	-.001	2
46	MP5B	X	-3.112	4
47	MP5B	Z	0	4
48	MP5B	Mx	-.001	4
49	MP5C	X	-4.495	2
50	MP5C	Z	0	2
51	MP5C	Mx	-.000769	2
52	MP5C	X	-4.495	4
53	MP5C	Z	0	4
54	MP5C	Mx	-.000769	4
55	MP2A	X	-2.574	4
56	MP2A	Z	0	4
57	MP2A	Mx	-.001	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	-3.102	4
59	MP2B	Z	0	4
60	MP2B	Mx	.001	4
61	MP2C	X	-3.702	4
62	MP2C	Z	0	4
63	MP2C	Mx	.000633	4
64	MP3A	X	-2.085	4
65	MP3A	Z	0	4
66	MP3A	Mx	-.001	4
67	MP3B	X	-2.815	4
68	MP3B	Z	0	4
69	MP3B	Mx	.001	4
70	MP3C	X	-3.645	4
71	MP3C	Z	0	4
72	MP3C	Mx	.000623	4
73	MP4B	X	-4.089	1
74	MP4B	Z	0	1
75	MP4B	Mx	.002	1
76	MP4C	X	-4.937	1
77	MP4C	Z	0	1
78	MP4C	Mx	.000844	1
79	MP1A	X	-5.557	1.75
80	MP1A	Z	0	1.75
81	MP1A	Mx	.003	1.75
82	MP1A	X	-5.557	5.5
83	MP1A	Z	0	5.5
84	MP1A	Mx	.003	5.5
85	MP1B	X	-6.733	1.75
86	MP1B	Z	0	1.75
87	MP1B	Mx	-.003	1.75
88	MP1B	X	-6.733	5.5
89	MP1B	Z	0	5.5
90	MP1B	Mx	-.003	5.5
91	MP1C	X	-8.07	1.75
92	MP1C	Z	0	1.75
93	MP1C	Mx	-.001	1.75
94	MP1C	X	-8.07	5.5
95	MP1C	Z	0	5.5
96	MP1C	Mx	-.001	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-6.033	1
2	MP3A	Z	-3.483	1
3	MP3A	Mx	.000694	1
4	MP3A	X	-6.033	5
5	MP3A	Z	-3.483	5
6	MP3A	Mx	.000694	5
7	MP3B	X	-7.798	1
8	MP3B	Z	-4.502	1
9	MP3B	Mx	.004	1
10	MP3B	X	-7.798	5
11	MP3B	Z	-4.502	5
12	MP3B	Mx	.004	5
13	MP3C	X	-6.488	1
14	MP3C	Z	-3.746	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP3C	Mx	-.006	1
16	MP3C	X	-6.488	5
17	MP3C	Z	-3.746	5
18	MP3C	Mx	-.006	5
19	MP3A	X	-6.033	1
20	MP3A	Z	-3.483	1
21	MP3A	Mx	.005	1
22	MP3A	X	-6.033	5
23	MP3A	Z	-3.483	5
24	MP3A	Mx	.005	5
25	MP3B	X	-7.798	1
26	MP3B	Z	-4.502	1
27	MP3B	Mx	-.007	1
28	MP3B	X	-7.798	5
29	MP3B	Z	-4.502	5
30	MP3B	Mx	-.007	5
31	MP3C	X	-6.488	1
32	MP3C	Z	-3.746	1
33	MP3C	Mx	.000341	1
34	MP3C	X	-6.488	5
35	MP3C	Z	-3.746	5
36	MP3C	Mx	.000341	5
37	MP4A	X	-2.278	2
38	MP4A	Z	-1.315	2
39	MP4A	Mx	.001	2
40	MP4A	X	-2.278	4
41	MP4A	Z	-1.315	4
42	MP4A	Mx	.001	4
43	MP5B	X	-3.893	2
44	MP5B	Z	-2.248	2
45	MP5B	Mx	-.000769	2
46	MP5B	X	-3.893	4
47	MP5B	Z	-2.248	4
48	MP5B	Mx	-.000769	4
49	MP5C	X	-2.695	2
50	MP5C	Z	-1.556	2
51	MP5C	Mx	-.001	2
52	MP5C	X	-2.695	4
53	MP5C	Z	-1.556	4
54	MP5C	Mx	-.001	4
55	MP2A	X	-2.506	4
56	MP2A	Z	-1.447	4
57	MP2A	Mx	-.001	4
58	MP2B	X	-3.206	4
59	MP2B	Z	-1.851	4
60	MP2B	Mx	.000633	4
61	MP2C	X	-2.686	4
62	MP2C	Z	-1.551	4
63	MP2C	Mx	.001	4
64	MP3A	X	-2.188	4
65	MP3A	Z	-1.263	4
66	MP3A	Mx	-.001	4
67	MP3B	X	-3.156	4
68	MP3B	Z	-1.822	4
69	MP3B	Mx	.000623	4
70	MP3C	X	-2.438	4
71	MP3C	Z	-1.407	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP3C	Mx	.001	4
73	MP4B	X	-4.276	1
74	MP4B	Z	-2.469	1
75	MP4B	Mx	.000844	1
76	MP4C	X	-3.541	1
77	MP4C	Z	-2.045	1
78	MP4C	Mx	.002	1
79	MP1A	X	-5.428	1.75
80	MP1A	Z	-3.134	1.75
81	MP1A	Mx	.003	1.75
82	MP1A	X	-5.428	5.5
83	MP1A	Z	-3.134	5.5
84	MP1A	Mx	.003	5.5
85	MP1B	X	-6.989	1.75
86	MP1B	Z	-4.035	1.75
87	MP1B	Mx	-.001	1.75
88	MP1B	X	-6.989	5.5
89	MP1B	Z	-4.035	5.5
90	MP1B	Mx	-.001	5.5
91	MP1C	X	-5.831	1.75
92	MP1C	Z	-3.366	1.75
93	MP1C	Mx	-.003	1.75
94	MP1C	X	-5.831	5.5
95	MP1C	Z	-3.366	5.5
96	MP1C	Mx	-.003	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-4.288	1
2	MP3A	Z	-7.427	1
3	MP3A	Mx	-.003	1
4	MP3A	X	-4.288	5
5	MP3A	Z	-7.427	5
6	MP3A	Mx	-.003	5
7	MP3B	X	-4.642	1
8	MP3B	Z	-8.04	1
9	MP3B	Mx	.007	1
10	MP3B	X	-4.642	5
11	MP3B	Z	-8.04	5
12	MP3B	Mx	.007	5
13	MP3C	X	-3.129	1
14	MP3C	Z	-5.42	1
15	MP3C	Mx	-.004	1
16	MP3C	X	-3.129	5
17	MP3C	Z	-5.42	5
18	MP3C	Mx	-.004	5
19	MP3A	X	-4.288	1
20	MP3A	Z	-7.427	1
21	MP3A	Mx	.007	1
22	MP3A	X	-4.288	5
23	MP3A	Z	-7.427	5
24	MP3A	Mx	.007	5
25	MP3B	X	-4.642	1
26	MP3B	Z	-8.04	1
27	MP3B	Mx	-.005	1
28	MP3B	X	-4.642	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP3B	Z	-8.04	5
30	MP3B	Mx	-.005	5
31	MP3C	X	-3.129	1
32	MP3C	Z	-5.42	1
33	MP3C	Mx	-.002	1
34	MP3C	X	-3.129	5
35	MP3C	Z	-5.42	5
36	MP3C	Mx	-.002	5
37	MP4A	X	-2.052	2
38	MP4A	Z	-3.554	2
39	MP4A	Mx	.001	2
40	MP4A	X	-2.052	4
41	MP4A	Z	-3.554	4
42	MP4A	Mx	.001	4
43	MP5B	X	-2.375	2
44	MP5B	Z	-4.114	2
45	MP5B	Mx	.000413	2
46	MP5B	X	-2.375	4
47	MP5B	Z	-4.114	4
48	MP5B	Mx	.000413	4
49	MP5C	X	-.992	2
50	MP5C	Z	-1.718	2
51	MP5C	Mx	-.000977	2
52	MP5C	X	-.992	4
53	MP5C	Z	-1.718	4
54	MP5C	Mx	-.000977	4
55	MP2A	X	-1.766	4
56	MP2A	Z	-3.059	4
57	MP2A	Mx	-.000883	4
58	MP2B	X	-1.906	4
59	MP2B	Z	-3.302	4
60	MP2B	Mx	-.000331	4
61	MP2C	X	-1.306	4
62	MP2C	Z	-2.263	4
63	MP2C	Mx	.001	4
64	MP3A	X	-1.705	4
65	MP3A	Z	-2.953	4
66	MP3A	Mx	-.000853	4
67	MP3B	X	-1.899	4
68	MP3B	Z	-3.289	4
69	MP3B	Mx	-.00033	4
70	MP3C	X	-1.069	4
71	MP3C	Z	-1.852	4
72	MP3C	Mx	.001	4
73	MP4B	X	-2.547	1
74	MP4B	Z	-4.412	1
75	MP4B	Mx	-.000442	1
76	MP4C	X	-1.699	1
77	MP4C	Z	-2.943	1
78	MP4C	Mx	.002	1
79	MP1A	X	-3.846	1.75
80	MP1A	Z	-6.661	1.75
81	MP1A	Mx	.002	1.75
82	MP1A	X	-3.846	5.5
83	MP1A	Z	-6.661	5.5
84	MP1A	Mx	.002	5.5
85	MP1B	X	-4.158	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP1B	Z	-7.203	1.75
87	MP1B	Mx	.000722	1.75
88	MP1B	X	-4.158	5.5
89	MP1B	Z	-7.203	5.5
90	MP1B	Mx	.000722	5.5
91	MP1C	X	-2.821	1.75
92	MP1C	Z	-4.887	1.75
93	MP1C	Mx	-.003	1.75
94	MP1C	X	-2.821	5.5
95	MP1C	Z	-4.887	5.5
96	MP1C	Mx	-.003	5.5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M20	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M22	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 80 : Lv2)

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

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-6.524	-6.524	0	%100
2	M4	Y	-9.551	-9.551	0	%100
3	M10	Y	-9.551	-9.551	0	%100
4	MP3A	Y	-5.647	-5.647	0	%100
5	MP4A	Y	-5.647	-5.647	0	%100
6	MP2A	Y	-5.647	-5.647	0	%100
7	MP1A	Y	-5.647	-5.647	0	%100
8	M43	Y	-9.551	-9.551	0	%100
9	M46	Y	-10.062	-10.062	0	%100
10	M51B	Y	-5.581	-5.581	0	%100
11	M52B	Y	-5.581	-5.581	0	%100
12	M76	Y	-10.049	-10.049	0	%100
13	M77	Y	-10.049	-10.049	0	%100
14	M80	Y	-10.062	-10.062	0	%100
15	M84	Y	-10.049	-10.049	0	%100
16	M85	Y	-10.049	-10.049	0	%100
17	M91	Y	-10.062	-10.062	0	%100
18	M100	Y	-4.945	-4.945	0	%100
19	M123	Y	-6.574	-6.574	0	%100
20	M128	Y	-9.155	-9.155	0	%100
21	M43A	Y	-6.524	-6.524	0	%100
22	M44	Y	-6.524	-6.524	0	%100
23	M45B	Y	-9.551	-9.551	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
24	M46A	Y	-9.551	-9.551	0	%100
25	M47	Y	-9.551	-9.551	0	%100
26	M48	Y	-10.062	-10.062	0	%100
27	M49	Y	-5.581	-5.581	0	%100
28	M50A	Y	-5.581	-5.581	0	%100
29	M54	Y	-10.049	-10.049	0	%100
30	M55	Y	-10.049	-10.049	0	%100
31	M57	Y	-10.062	-10.062	0	%100
32	M59A	Y	-10.049	-10.049	0	%100
33	M60	Y	-10.049	-10.049	0	%100
34	M62	Y	-10.062	-10.062	0	%100
35	M67	Y	-9.155	-9.155	0	%100
36	M70	Y	-9.551	-9.551	0	%100
37	M71	Y	-9.551	-9.551	0	%100
38	M72	Y	-9.551	-9.551	0	%100
39	M73	Y	-10.062	-10.062	0	%100
40	M74	Y	-5.581	-5.581	0	%100
41	M75	Y	-5.581	-5.581	0	%100
42	M79A	Y	-10.049	-10.049	0	%100
43	M80A	Y	-10.049	-10.049	0	%100
44	M82	Y	-10.062	-10.062	0	%100
45	M84A	Y	-10.049	-10.049	0	%100
46	M85A	Y	-10.049	-10.049	0	%100
47	M87	Y	-10.062	-10.062	0	%100
48	M92A	Y	-9.155	-9.155	0	%100
49	M95	Y	-4.945	-4.945	0	%100
50	M96	Y	-4.945	-4.945	0	%100
51	M99	Y	-6.574	-6.574	0	%100
52	M102A	Y	-6.574	-6.574	0	%100
53	MP3C	Y	-5.647	-5.647	0	%100
54	MP5C	Y	-5.647	-5.647	0	%100
55	MP2C	Y	-5.647	-5.647	0	%100
56	MP1C	Y	-5.647	-5.647	0	%100
57	MP3B	Y	-5.647	-5.647	0	%100
58	MP5B	Y	-5.647	-5.647	0	%100
59	MP2B	Y	-5.647	-5.647	0	%100
60	MP1B	Y	-5.647	-5.647	0	%100
61	MP4C	Y	-5.647	-5.647	0	%100
62	MP4B	Y	-5.647	-5.647	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-10.777	-10.777	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-9.262	-9.262	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-8.852	-8.852	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-8.852	-8.852	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-8.852	-8.852	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-8.852	-8.852	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
15	M43	X	0	0	0	%100
16	M43	Z	-9.262	-9.262	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-18.475	-18.475	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-2.566	-2.566	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-2.566	-2.566	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-4.704	-4.704	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-4.955	-4.955	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-4.704	-4.704	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-4.955	-4.955	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	-7.313	-7.313	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	-8.55	-8.55	0	%100
39	M128	X	0	0	0	%100
40	M128	Z	-6.229	-6.229	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	-2.694	-2.694	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	-2.694	-2.694	0	%100
45	M45B	X	0	0	0	%100
46	M45B	Z	-8.2	-8.2	0	%100
47	M46A	X	0	0	0	%100
48	M46A	Z	-2.316	-2.316	0	%100
49	M47	X	0	0	0	%100
50	M47	Z	-2.316	-2.316	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-4.619	-4.619	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	-2.566	-2.566	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	-10.264	-10.264	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	-13.856	-13.856	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	-4.704	-4.704	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	-4.955	-4.955	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	-13.856	-13.856	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	-18.817	-18.817	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	-19.819	-19.819	0	%100
69	M67	X	0	0	0	%100
70	M67	Z	-10.553	-10.553	0	%100
71	M70	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
72	M70	Z	-8.2	-8.2	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	-2.316	-2.316	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-2.316	-2.316	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	-4.619	-4.619	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	-10.264	-10.264	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	-2.566	-2.566	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	-13.856	-13.856	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	-18.817	-18.817	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	-19.819	-19.819	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	-13.856	-13.856	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	-4.704	-4.704	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	-4.955	-4.955	0	%100
95	M92A	X	0	0	0	%100
96	M92A	Z	-10.553	-10.553	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	-1.828	-1.828	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	-1.828	-1.828	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	-2.137	-2.137	0	%100
103	M102A	X	0	0	0	%100
104	M102A	Z	-2.137	-2.137	0	%100
105	MP3C	X	0	0	0	%100
106	MP3C	Z	-8.852	-8.852	0	%100
107	MP5C	X	0	0	0	%100
108	MP5C	Z	-8.852	-8.852	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	-8.852	-8.852	0	%100
111	MP1C	X	0	0	0	%100
112	MP1C	Z	-8.852	-8.852	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	-8.852	-8.852	0	%100
115	MP5B	X	0	0	0	%100
116	MP5B	Z	-8.852	-8.852	0	%100
117	MP2B	X	0	0	0	%100
118	MP2B	Z	-8.852	-8.852	0	%100
119	MP1B	X	0	0	0	%100
120	MP1B	Z	-8.852	-8.852	0	%100
121	MP4C	X	0	0	0	%100
122	MP4C	Z	-7.605	-7.605	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	-7.605	-7.605	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.041	4.041	0	%100
2	M1	Z	-7	-7	0	%100
3	M4	X	1.367	1.367	0	%100
4	M4	Z	-2.367	-2.367	0	%100
5	M10	X	3.473	3.473	0	%100
6	M10	Z	-6.016	-6.016	0	%100
7	MP3A	X	4.426	4.426	0	%100
8	MP3A	Z	-7.666	-7.666	0	%100
9	MP4A	X	4.426	4.426	0	%100
10	MP4A	Z	-7.666	-7.666	0	%100
11	MP2A	X	4.426	4.426	0	%100
12	MP2A	Z	-7.666	-7.666	0	%100
13	MP1A	X	4.426	4.426	0	%100
14	MP1A	Z	-7.666	-7.666	0	%100
15	M43	X	3.473	3.473	0	%100
16	M43	Z	-6.016	-6.016	0	%100
17	M46	X	6.928	6.928	0	%100
18	M46	Z	-12	-12	0	%100
19	M51B	X	3.849	3.849	0	%100
20	M51B	Z	-6.666	-6.666	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	2.309	2.309	0	%100
24	M76	Z	-4	-4	0	%100
25	M77	X	7.056	7.056	0	%100
26	M77	Z	-12.222	-12.222	0	%100
27	M80	X	7.432	7.432	0	%100
28	M80	Z	-12.873	-12.873	0	%100
29	M84	X	2.309	2.309	0	%100
30	M84	Z	-4	-4	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M100	X	2.742	2.742	0	%100
36	M100	Z	-4.75	-4.75	0	%100
37	M123	X	3.206	3.206	0	%100
38	M123	Z	-5.553	-5.553	0	%100
39	M128	X	3.835	3.835	0	%100
40	M128	Z	-6.643	-6.643	0	%100
41	M43A	X	4.041	4.041	0	%100
42	M43A	Z	-7	-7	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	1.367	1.367	0	%100
46	M45B	Z	-2.367	-2.367	0	%100
47	M46A	X	3.473	3.473	0	%100
48	M46A	Z	-6.016	-6.016	0	%100
49	M47	X	3.473	3.473	0	%100
50	M47	Z	-6.016	-6.016	0	%100
51	M48	X	6.928	6.928	0	%100
52	M48	Z	-12	-12	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	3.849	3.849	0	%100
56	M50A	Z	-6.666	-6.666	0	%100
57	M54	X	2.309	2.309	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k...	Start Location[ft,%]	End Location[ft,%]
58	M54	Z	-4	-4	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	M59A	X	2.309	2.309	0	%100
64	M59A	Z	-4	-4	0	%100
65	M60	X	7.056	7.056	0	%100
66	M60	Z	-12.222	-12.222	0	%100
67	M62	X	7.432	7.432	0	%100
68	M62	Z	-12.873	-12.873	0	%100
69	M67	X	3.835	3.835	0	%100
70	M67	Z	-6.643	-6.643	0	%100
71	M70	X	5.467	5.467	0	%100
72	M70	Z	-9.469	-9.469	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	0	0	0	%100
79	M74	X	3.849	3.849	0	%100
80	M74	Z	-6.666	-6.666	0	%100
81	M75	X	3.849	3.849	0	%100
82	M75	Z	-6.666	-6.666	0	%100
83	M79A	X	9.237	9.237	0	%100
84	M79A	Z	-16	-16	0	%100
85	M80A	X	7.056	7.056	0	%100
86	M80A	Z	-12.222	-12.222	0	%100
87	M82	X	7.432	7.432	0	%100
88	M82	Z	-12.873	-12.873	0	%100
89	M84A	X	9.237	9.237	0	%100
90	M84A	Z	-16	-16	0	%100
91	M85A	X	7.056	7.056	0	%100
92	M85A	Z	-12.222	-12.222	0	%100
93	M87	X	7.432	7.432	0	%100
94	M87	Z	-12.873	-12.873	0	%100
95	M92A	X	5.997	5.997	0	%100
96	M92A	Z	-10.388	-10.388	0	%100
97	M95	X	2.742	2.742	0	%100
98	M95	Z	-4.75	-4.75	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	0	0	0	%100
101	M99	X	3.206	3.206	0	%100
102	M99	Z	-5.553	-5.553	0	%100
103	M102A	X	0	0	0	%100
104	M102A	Z	0	0	0	%100
105	MP3C	X	4.426	4.426	0	%100
106	MP3C	Z	-7.666	-7.666	0	%100
107	MP5C	X	4.426	4.426	0	%100
108	MP5C	Z	-7.666	-7.666	0	%100
109	MP2C	X	4.426	4.426	0	%100
110	MP2C	Z	-7.666	-7.666	0	%100
111	MP1C	X	4.426	4.426	0	%100
112	MP1C	Z	-7.666	-7.666	0	%100
113	MP3B	X	4.426	4.426	0	%100
114	MP3B	Z	-7.666	-7.666	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
115	MP5B	X	4.426	4.426	0	%100
116	MP5B	Z	-7.666	-7.666	0	%100
117	MP2B	X	4.426	4.426	0	%100
118	MP2B	Z	-7.666	-7.666	0	%100
119	MP1B	X	4.426	4.426	0	%100
120	MP1B	Z	-7.666	-7.666	0	%100
121	MP4C	X	3.803	3.803	0	%100
122	MP4C	Z	-6.586	-6.586	0	%100
123	MP4B	X	3.803	3.803	0	%100
124	MP4B	Z	-6.586	-6.586	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.333	2.333	0	%100
2	M1	Z	-1.347	-1.347	0	%100
3	M4	X	7.102	7.102	0	%100
4	M4	Z	-4.1	-4.1	0	%100
5	M10	X	2.005	2.005	0	%100
6	M10	Z	-1.158	-1.158	0	%100
7	MP3A	X	7.666	7.666	0	%100
8	MP3A	Z	-4.426	-4.426	0	%100
9	MP4A	X	7.666	7.666	0	%100
10	MP4A	Z	-4.426	-4.426	0	%100
11	MP2A	X	7.666	7.666	0	%100
12	MP2A	Z	-4.426	-4.426	0	%100
13	MP1A	X	7.666	7.666	0	%100
14	MP1A	Z	-4.426	-4.426	0	%100
15	M43	X	2.005	2.005	0	%100
16	M43	Z	-1.158	-1.158	0	%100
17	M46	X	4	4	0	%100
18	M46	Z	-2.309	-2.309	0	%100
19	M51B	X	8.889	8.889	0	%100
20	M51B	Z	-5.132	-5.132	0	%100
21	M52B	X	2.222	2.222	0	%100
22	M52B	Z	-1.283	-1.283	0	%100
23	M76	X	12	12	0	%100
24	M76	Z	-6.928	-6.928	0	%100
25	M77	X	16.296	16.296	0	%100
26	M77	Z	-9.408	-9.408	0	%100
27	M80	X	17.164	17.164	0	%100
28	M80	Z	-9.91	-9.91	0	%100
29	M84	X	12	12	0	%100
30	M84	Z	-6.928	-6.928	0	%100
31	M85	X	4.074	4.074	0	%100
32	M85	Z	-2.352	-2.352	0	%100
33	M91	X	4.291	4.291	0	%100
34	M91	Z	-2.477	-2.477	0	%100
35	M100	X	1.583	1.583	0	%100
36	M100	Z	-.914	-.914	0	%100
37	M123	X	1.851	1.851	0	%100
38	M123	Z	-1.069	-1.069	0	%100
39	M128	X	9.139	9.139	0	%100
40	M128	Z	-5.277	-5.277	0	%100
41	M43A	X	9.333	9.333	0	%100
42	M43A	Z	-5.388	-5.388	0	%100
43	M44	X	2.333	2.333	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
44	M44	Z	-1.347	-1.347	0	%100
45	M45B	X	0	0	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	X	8.021	8.021	0	%100
48	M46A	Z	-4.631	-4.631	0	%100
49	M47	X	8.021	8.021	0	%100
50	M47	Z	-4.631	-4.631	0	%100
51	M48	X	16	16	0	%100
52	M48	Z	-9.237	-9.237	0	%100
53	M49	X	2.222	2.222	0	%100
54	M49	Z	-1.283	-1.283	0	%100
55	M50A	X	2.222	2.222	0	%100
56	M50A	Z	-1.283	-1.283	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	4.074	4.074	0	%100
60	M55	Z	-2.352	-2.352	0	%100
61	M57	X	4.291	4.291	0	%100
62	M57	Z	-2.477	-2.477	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	4.074	4.074	0	%100
66	M60	Z	-2.352	-2.352	0	%100
67	M62	X	4.291	4.291	0	%100
68	M62	Z	-2.477	-2.477	0	%100
69	M67	X	5.395	5.395	0	%100
70	M67	Z	-3.115	-3.115	0	%100
71	M70	X	7.102	7.102	0	%100
72	M70	Z	-4.1	-4.1	0	%100
73	M71	X	2.005	2.005	0	%100
74	M71	Z	-1.158	-1.158	0	%100
75	M72	X	2.005	2.005	0	%100
76	M72	Z	-1.158	-1.158	0	%100
77	M73	X	4	4	0	%100
78	M73	Z	-2.309	-2.309	0	%100
79	M74	X	2.222	2.222	0	%100
80	M74	Z	-1.283	-1.283	0	%100
81	M75	X	8.889	8.889	0	%100
82	M75	Z	-5.132	-5.132	0	%100
83	M79A	X	12	12	0	%100
84	M79A	Z	-6.928	-6.928	0	%100
85	M80A	X	4.074	4.074	0	%100
86	M80A	Z	-2.352	-2.352	0	%100
87	M82	X	4.291	4.291	0	%100
88	M82	Z	-2.477	-2.477	0	%100
89	M84A	X	12	12	0	%100
90	M84A	Z	-6.928	-6.928	0	%100
91	M85A	X	16.296	16.296	0	%100
92	M85A	Z	-9.408	-9.408	0	%100
93	M87	X	17.164	17.164	0	%100
94	M87	Z	-9.91	-9.91	0	%100
95	M92A	X	9.139	9.139	0	%100
96	M92A	Z	-5.277	-5.277	0	%100
97	M95	X	6.333	6.333	0	%100
98	M95	Z	-3.656	-3.656	0	%100
99	M96	X	1.583	1.583	0	%100
100	M96	Z	-.914	-.914	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
101	M99	X	7.404	7.404	0	%100
102	M99	Z	-4.275	-4.275	0	%100
103	M102A	X	1.851	1.851	0	%100
104	M102A	Z	-1.069	-1.069	0	%100
105	MP3C	X	7.666	7.666	0	%100
106	MP3C	Z	-4.426	-4.426	0	%100
107	MP5C	X	7.666	7.666	0	%100
108	MP5C	Z	-4.426	-4.426	0	%100
109	MP2C	X	7.666	7.666	0	%100
110	MP2C	Z	-4.426	-4.426	0	%100
111	MP1C	X	7.666	7.666	0	%100
112	MP1C	Z	-4.426	-4.426	0	%100
113	MP3B	X	7.666	7.666	0	%100
114	MP3B	Z	-4.426	-4.426	0	%100
115	MP5B	X	7.666	7.666	0	%100
116	MP5B	Z	-4.426	-4.426	0	%100
117	MP2B	X	7.666	7.666	0	%100
118	MP2B	Z	-4.426	-4.426	0	%100
119	MP1B	X	7.666	7.666	0	%100
120	MP1B	Z	-4.426	-4.426	0	%100
121	MP4C	X	6.586	6.586	0	%100
122	MP4C	Z	-3.803	-3.803	0	%100
123	MP4B	X	6.586	6.586	0	%100
124	MP4B	Z	-3.803	-3.803	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	10.934	10.934	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	8.852	8.852	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	8.852	8.852	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	8.852	8.852	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	8.852	8.852	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	7.698	7.698	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	7.698	7.698	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	18.475	18.475	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	14.113	14.113	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	14.864	14.864	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	18.475	18.475	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
30	M84	Z	0	0	0	%100
31	M85	X	14.113	14.113	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	14.864	14.864	0	%100
34	M91	Z	0	0	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	0	0	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	0	0	0	%100
39	M128	X	11.995	11.995	0	%100
40	M128	Z	0	0	0	%100
41	M43A	X	8.083	8.083	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	8.083	8.083	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	2.733	2.733	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	X	6.947	6.947	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	6.947	6.947	0	%100
50	M47	Z	0	0	0	%100
51	M48	X	13.856	13.856	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	7.698	7.698	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	0	0	0	%100
57	M54	X	4.619	4.619	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	14.113	14.113	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	14.864	14.864	0	%100
62	M57	Z	0	0	0	%100
63	M59A	X	4.619	4.619	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	0	0	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M67	X	7.671	7.671	0	%100
70	M67	Z	0	0	0	%100
71	M70	X	2.733	2.733	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	6.947	6.947	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	6.947	6.947	0	%100
76	M72	Z	0	0	0	%100
77	M73	X	13.856	13.856	0	%100
78	M73	Z	0	0	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	0	0	0	%100
81	M75	X	7.698	7.698	0	%100
82	M75	Z	0	0	0	%100
83	M79A	X	4.619	4.619	0	%100
84	M79A	Z	0	0	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
87	M82	X	0	0	0	%100
88	M82	Z	0	0	0	%100
89	M84A	X	4.619	4.619	0	%100
90	M84A	Z	0	0	0	%100
91	M85A	X	14.113	14.113	0	%100
92	M85A	Z	0	0	0	%100
93	M87	X	14.864	14.864	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	7.671	7.671	0	%100
96	M92A	Z	0	0	0	%100
97	M95	X	5.485	5.485	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	5.485	5.485	0	%100
100	M96	Z	0	0	0	%100
101	M99	X	6.412	6.412	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	6.412	6.412	0	%100
104	M102A	Z	0	0	0	%100
105	MP3C	X	8.852	8.852	0	%100
106	MP3C	Z	0	0	0	%100
107	MP5C	X	8.852	8.852	0	%100
108	MP5C	Z	0	0	0	%100
109	MP2C	X	8.852	8.852	0	%100
110	MP2C	Z	0	0	0	%100
111	MP1C	X	8.852	8.852	0	%100
112	MP1C	Z	0	0	0	%100
113	MP3B	X	8.852	8.852	0	%100
114	MP3B	Z	0	0	0	%100
115	MP5B	X	8.852	8.852	0	%100
116	MP5B	Z	0	0	0	%100
117	MP2B	X	8.852	8.852	0	%100
118	MP2B	Z	0	0	0	%100
119	MP1B	X	8.852	8.852	0	%100
120	MP1B	Z	0	0	0	%100
121	MP4C	X	7.605	7.605	0	%100
122	MP4C	Z	0	0	0	%100
123	MP4B	X	7.605	7.605	0	%100
124	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.333	2.333	0	%100
2	M1	Z	1.347	1.347	0	%100
3	M4	X	7.102	7.102	0	%100
4	M4	Z	4.1	4.1	0	%100
5	M10	X	2.005	2.005	0	%100
6	M10	Z	1.158	1.158	0	%100
7	MP3A	X	7.666	7.666	0	%100
8	MP3A	Z	4.426	4.426	0	%100
9	MP4A	X	7.666	7.666	0	%100
10	MP4A	Z	4.426	4.426	0	%100
11	MP2A	X	7.666	7.666	0	%100
12	MP2A	Z	4.426	4.426	0	%100
13	MP1A	X	7.666	7.666	0	%100
14	MP1A	Z	4.426	4.426	0	%100
15	M43	X	2.005	2.005	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
16	M43	Z	1.158	1.158	0	%100
17	M46	X	4	4	0	%100
18	M46	Z	2.309	2.309	0	%100
19	M51B	X	2.222	2.222	0	%100
20	M51B	Z	1.283	1.283	0	%100
21	M52B	X	8.889	8.889	0	%100
22	M52B	Z	5.132	5.132	0	%100
23	M76	X	12	12	0	%100
24	M76	Z	6.928	6.928	0	%100
25	M77	X	4.074	4.074	0	%100
26	M77	Z	2.352	2.352	0	%100
27	M80	X	4.291	4.291	0	%100
28	M80	Z	2.477	2.477	0	%100
29	M84	X	12	12	0	%100
30	M84	Z	6.928	6.928	0	%100
31	M85	X	16.296	16.296	0	%100
32	M85	Z	9.408	9.408	0	%100
33	M91	X	17.164	17.164	0	%100
34	M91	Z	9.91	9.91	0	%100
35	M100	X	1.583	1.583	0	%100
36	M100	Z	.914	.914	0	%100
37	M123	X	1.851	1.851	0	%100
38	M123	Z	1.069	1.069	0	%100
39	M128	X	9.139	9.139	0	%100
40	M128	Z	5.277	5.277	0	%100
41	M43A	X	2.333	2.333	0	%100
42	M43A	Z	1.347	1.347	0	%100
43	M44	X	9.333	9.333	0	%100
44	M44	Z	5.388	5.388	0	%100
45	M45B	X	7.102	7.102	0	%100
46	M45B	Z	4.1	4.1	0	%100
47	M46A	X	2.005	2.005	0	%100
48	M46A	Z	1.158	1.158	0	%100
49	M47	X	2.005	2.005	0	%100
50	M47	Z	1.158	1.158	0	%100
51	M48	X	4	4	0	%100
52	M48	Z	2.309	2.309	0	%100
53	M49	X	8.889	8.889	0	%100
54	M49	Z	5.132	5.132	0	%100
55	M50A	X	2.222	2.222	0	%100
56	M50A	Z	1.283	1.283	0	%100
57	M54	X	12	12	0	%100
58	M54	Z	6.928	6.928	0	%100
59	M55	X	16.296	16.296	0	%100
60	M55	Z	9.408	9.408	0	%100
61	M57	X	17.164	17.164	0	%100
62	M57	Z	9.91	9.91	0	%100
63	M59A	X	12	12	0	%100
64	M59A	Z	6.928	6.928	0	%100
65	M60	X	4.074	4.074	0	%100
66	M60	Z	2.352	2.352	0	%100
67	M62	X	4.291	4.291	0	%100
68	M62	Z	2.477	2.477	0	%100
69	M67	X	9.139	9.139	0	%100
70	M67	Z	5.277	5.277	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
73	M71	X	8.021	8.021	0	%100
74	M71	Z	4.631	4.631	0	%100
75	M72	X	8.021	8.021	0	%100
76	M72	Z	4.631	4.631	0	%100
77	M73	X	16	16	0	%100
78	M73	Z	9.237	9.237	0	%100
79	M74	X	2.222	2.222	0	%100
80	M74	Z	1.283	1.283	0	%100
81	M75	X	2.222	2.222	0	%100
82	M75	Z	1.283	1.283	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	0	0	0	%100
85	M80A	X	4.074	4.074	0	%100
86	M80A	Z	2.352	2.352	0	%100
87	M82	X	4.291	4.291	0	%100
88	M82	Z	2.477	2.477	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	0	0	0	%100
91	M85A	X	4.074	4.074	0	%100
92	M85A	Z	2.352	2.352	0	%100
93	M87	X	4.291	4.291	0	%100
94	M87	Z	2.477	2.477	0	%100
95	M92A	X	5.395	5.395	0	%100
96	M92A	Z	3.115	3.115	0	%100
97	M95	X	1.583	1.583	0	%100
98	M95	Z	.914	.914	0	%100
99	M96	X	6.333	6.333	0	%100
100	M96	Z	3.656	3.656	0	%100
101	M99	X	1.851	1.851	0	%100
102	M99	Z	1.069	1.069	0	%100
103	M102A	X	7.404	7.404	0	%100
104	M102A	Z	4.275	4.275	0	%100
105	MP3C	X	7.666	7.666	0	%100
106	MP3C	Z	4.426	4.426	0	%100
107	MP5C	X	7.666	7.666	0	%100
108	MP5C	Z	4.426	4.426	0	%100
109	MP2C	X	7.666	7.666	0	%100
110	MP2C	Z	4.426	4.426	0	%100
111	MP1C	X	7.666	7.666	0	%100
112	MP1C	Z	4.426	4.426	0	%100
113	MP3B	X	7.666	7.666	0	%100
114	MP3B	Z	4.426	4.426	0	%100
115	MP5B	X	7.666	7.666	0	%100
116	MP5B	Z	4.426	4.426	0	%100
117	MP2B	X	7.666	7.666	0	%100
118	MP2B	Z	4.426	4.426	0	%100
119	MP1B	X	7.666	7.666	0	%100
120	MP1B	Z	4.426	4.426	0	%100
121	MP4C	X	6.586	6.586	0	%100
122	MP4C	Z	3.803	3.803	0	%100
123	MP4B	X	6.586	6.586	0	%100
124	MP4B	Z	3.803	3.803	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.041	4.041	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
2	M1	Z	7	7	0	%100
3	M4	X	1.367	1.367	0	%100
4	M4	Z	2.367	2.367	0	%100
5	M10	X	3.473	3.473	0	%100
6	M10	Z	6.016	6.016	0	%100
7	MP3A	X	4.426	4.426	0	%100
8	MP3A	Z	7.666	7.666	0	%100
9	MP4A	X	4.426	4.426	0	%100
10	MP4A	Z	7.666	7.666	0	%100
11	MP2A	X	4.426	4.426	0	%100
12	MP2A	Z	7.666	7.666	0	%100
13	MP1A	X	4.426	4.426	0	%100
14	MP1A	Z	7.666	7.666	0	%100
15	M43	X	3.473	3.473	0	%100
16	M43	Z	6.016	6.016	0	%100
17	M46	X	6.928	6.928	0	%100
18	M46	Z	12	12	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	3.849	3.849	0	%100
22	M52B	Z	6.666	6.666	0	%100
23	M76	X	2.309	2.309	0	%100
24	M76	Z	4	4	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	2.309	2.309	0	%100
30	M84	Z	4	4	0	%100
31	M85	X	7.056	7.056	0	%100
32	M85	Z	12.222	12.222	0	%100
33	M91	X	7.432	7.432	0	%100
34	M91	Z	12.873	12.873	0	%100
35	M100	X	2.742	2.742	0	%100
36	M100	Z	4.75	4.75	0	%100
37	M123	X	3.206	3.206	0	%100
38	M123	Z	5.553	5.553	0	%100
39	M128	X	3.835	3.835	0	%100
40	M128	Z	6.643	6.643	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	4.041	4.041	0	%100
44	M44	Z	7	7	0	%100
45	M45B	X	5.467	5.467	0	%100
46	M45B	Z	9.469	9.469	0	%100
47	M46A	X	0	0	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	0	0	0	%100
50	M47	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	3.849	3.849	0	%100
54	M49	Z	6.666	6.666	0	%100
55	M50A	X	3.849	3.849	0	%100
56	M50A	Z	6.666	6.666	0	%100
57	M54	X	9.237	9.237	0	%100
58	M54	Z	16	16	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
59	M55	X	7.056	7.056	0	%100
60	M55	Z	12.222	12.222	0	%100
61	M57	X	7.432	7.432	0	%100
62	M57	Z	12.873	12.873	0	%100
63	M59A	X	9.237	9.237	0	%100
64	M59A	Z	16	16	0	%100
65	M60	X	7.056	7.056	0	%100
66	M60	Z	12.222	12.222	0	%100
67	M62	X	7.432	7.432	0	%100
68	M62	Z	12.873	12.873	0	%100
69	M67	X	5.997	5.997	0	%100
70	M67	Z	10.388	10.388	0	%100
71	M70	X	1.367	1.367	0	%100
72	M70	Z	2.367	2.367	0	%100
73	M71	X	3.473	3.473	0	%100
74	M71	Z	6.016	6.016	0	%100
75	M72	X	3.473	3.473	0	%100
76	M72	Z	6.016	6.016	0	%100
77	M73	X	6.928	6.928	0	%100
78	M73	Z	12	12	0	%100
79	M74	X	3.849	3.849	0	%100
80	M74	Z	6.666	6.666	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	0	0	0	%100
83	M79A	X	2.309	2.309	0	%100
84	M79A	Z	4	4	0	%100
85	M80A	X	7.056	7.056	0	%100
86	M80A	Z	12.222	12.222	0	%100
87	M82	X	7.432	7.432	0	%100
88	M82	Z	12.873	12.873	0	%100
89	M84A	X	2.309	2.309	0	%100
90	M84A	Z	4	4	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	0	0	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	3.835	3.835	0	%100
96	M92A	Z	6.643	6.643	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	2.742	2.742	0	%100
100	M96	Z	4.75	4.75	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	3.206	3.206	0	%100
104	M102A	Z	5.553	5.553	0	%100
105	MP3C	X	4.426	4.426	0	%100
106	MP3C	Z	7.666	7.666	0	%100
107	MP5C	X	4.426	4.426	0	%100
108	MP5C	Z	7.666	7.666	0	%100
109	MP2C	X	4.426	4.426	0	%100
110	MP2C	Z	7.666	7.666	0	%100
111	MP1C	X	4.426	4.426	0	%100
112	MP1C	Z	7.666	7.666	0	%100
113	MP3B	X	4.426	4.426	0	%100
114	MP3B	Z	7.666	7.666	0	%100
115	MP5B	X	4.426	4.426	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
116	MP5B	Z	7.666	7.666	0	%100
117	MP2B	X	4.426	4.426	0	%100
118	MP2B	Z	7.666	7.666	0	%100
119	MP1B	X	4.426	4.426	0	%100
120	MP1B	Z	7.666	7.666	0	%100
121	MP4C	X	3.803	3.803	0	%100
122	MP4C	Z	6.586	6.586	0	%100
123	MP4B	X	3.803	3.803	0	%100
124	MP4B	Z	6.586	6.586	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	10.777	10.777	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	9.262	9.262	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	8.852	8.852	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	8.852	8.852	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	8.852	8.852	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	8.852	8.852	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	9.262	9.262	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	18.475	18.475	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	2.566	2.566	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	2.566	2.566	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	4.704	4.704	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	4.955	4.955	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	4.704	4.704	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	4.955	4.955	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	7.313	7.313	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	8.55	8.55	0	%100
39	M128	X	0	0	0	%100
40	M128	Z	6.229	6.229	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	2.694	2.694	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	2.694	2.694	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
45	M45B	X	0	0	0	%100
46	M45B	Z	8.2	8.2	0	%100
47	M46A	X	0	0	0	%100
48	M46A	Z	2.316	2.316	0	%100
49	M47	X	0	0	0	%100
50	M47	Z	2.316	2.316	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	4.619	4.619	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	2.566	2.566	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	10.264	10.264	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	13.856	13.856	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	4.704	4.704	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	4.955	4.955	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	13.856	13.856	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	18.817	18.817	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	19.819	19.819	0	%100
69	M67	X	0	0	0	%100
70	M67	Z	10.553	10.553	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	8.2	8.2	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	2.316	2.316	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	2.316	2.316	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	4.619	4.619	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	10.264	10.264	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	2.566	2.566	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	13.856	13.856	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	18.817	18.817	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	19.819	19.819	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	13.856	13.856	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	4.704	4.704	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	4.955	4.955	0	%100
95	M92A	X	0	0	0	%100
96	M92A	Z	10.553	10.553	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	1.828	1.828	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	1.828	1.828	0	%100
101	M99	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
102	M99	Z	2.137	2.137	0	%100
103	M102A	X	0	0	0	%100
104	M102A	Z	2.137	2.137	0	%100
105	MP3C	X	0	0	0	%100
106	MP3C	Z	8.852	8.852	0	%100
107	MP5C	X	0	0	0	%100
108	MP5C	Z	8.852	8.852	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	8.852	8.852	0	%100
111	MP1C	X	0	0	0	%100
112	MP1C	Z	8.852	8.852	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	8.852	8.852	0	%100
115	MP5B	X	0	0	0	%100
116	MP5B	Z	8.852	8.852	0	%100
117	MP2B	X	0	0	0	%100
118	MP2B	Z	8.852	8.852	0	%100
119	MP1B	X	0	0	0	%100
120	MP1B	Z	8.852	8.852	0	%100
121	MP4C	X	0	0	0	%100
122	MP4C	Z	7.605	7.605	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	7.605	7.605	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-4.041	-4.041	0	%100
2	M1	Z	7	7	0	%100
3	M4	X	-1.367	-1.367	0	%100
4	M4	Z	2.367	2.367	0	%100
5	M10	X	-3.473	-3.473	0	%100
6	M10	Z	6.016	6.016	0	%100
7	MP3A	X	-4.426	-4.426	0	%100
8	MP3A	Z	7.666	7.666	0	%100
9	MP4A	X	-4.426	-4.426	0	%100
10	MP4A	Z	7.666	7.666	0	%100
11	MP2A	X	-4.426	-4.426	0	%100
12	MP2A	Z	7.666	7.666	0	%100
13	MP1A	X	-4.426	-4.426	0	%100
14	MP1A	Z	7.666	7.666	0	%100
15	M43	X	-3.473	-3.473	0	%100
16	M43	Z	6.016	6.016	0	%100
17	M46	X	-6.928	-6.928	0	%100
18	M46	Z	12	12	0	%100
19	M51B	X	-3.849	-3.849	0	%100
20	M51B	Z	6.666	6.666	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-2.309	-2.309	0	%100
24	M76	Z	4	4	0	%100
25	M77	X	-7.056	-7.056	0	%100
26	M77	Z	12.222	12.222	0	%100
27	M80	X	-7.432	-7.432	0	%100
28	M80	Z	12.873	12.873	0	%100
29	M84	X	-2.309	-2.309	0	%100
30	M84	Z	4	4	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M100	X	-2.742	-2.742	0	%100
36	M100	Z	4.75	4.75	0	%100
37	M123	X	-3.206	-3.206	0	%100
38	M123	Z	5.553	5.553	0	%100
39	M128	X	-3.835	-3.835	0	%100
40	M128	Z	6.643	6.643	0	%100
41	M43A	X	-4.041	-4.041	0	%100
42	M43A	Z	7	7	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	-1.367	-1.367	0	%100
46	M45B	Z	2.367	2.367	0	%100
47	M46A	X	-3.473	-3.473	0	%100
48	M46A	Z	6.016	6.016	0	%100
49	M47	X	-3.473	-3.473	0	%100
50	M47	Z	6.016	6.016	0	%100
51	M48	X	-6.928	-6.928	0	%100
52	M48	Z	12	12	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	-3.849	-3.849	0	%100
56	M50A	Z	6.666	6.666	0	%100
57	M54	X	-2.309	-2.309	0	%100
58	M54	Z	4	4	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	M59A	X	-2.309	-2.309	0	%100
64	M59A	Z	4	4	0	%100
65	M60	X	-7.056	-7.056	0	%100
66	M60	Z	12.222	12.222	0	%100
67	M62	X	-7.432	-7.432	0	%100
68	M62	Z	12.873	12.873	0	%100
69	M67	X	-3.835	-3.835	0	%100
70	M67	Z	6.643	6.643	0	%100
71	M70	X	-5.467	-5.467	0	%100
72	M70	Z	9.469	9.469	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	0	0	0	%100
79	M74	X	-3.849	-3.849	0	%100
80	M74	Z	6.666	6.666	0	%100
81	M75	X	-3.849	-3.849	0	%100
82	M75	Z	6.666	6.666	0	%100
83	M79A	X	-9.237	-9.237	0	%100
84	M79A	Z	16	16	0	%100
85	M80A	X	-7.056	-7.056	0	%100
86	M80A	Z	12.222	12.222	0	%100
87	M82	X	-7.432	-7.432	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
88	M82	Z	12.873	12.873	0	%100
89	M84A	X	-9.237	-9.237	0	%100
90	M84A	Z	16	16	0	%100
91	M85A	X	-7.056	-7.056	0	%100
92	M85A	Z	12.222	12.222	0	%100
93	M87	X	-7.432	-7.432	0	%100
94	M87	Z	12.873	12.873	0	%100
95	M92A	X	-5.997	-5.997	0	%100
96	M92A	Z	10.388	10.388	0	%100
97	M95	X	-2.742	-2.742	0	%100
98	M95	Z	4.75	4.75	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	0	0	0	%100
101	M99	X	-3.206	-3.206	0	%100
102	M99	Z	5.553	5.553	0	%100
103	M102A	X	0	0	0	%100
104	M102A	Z	0	0	0	%100
105	MP3C	X	-4.426	-4.426	0	%100
106	MP3C	Z	7.666	7.666	0	%100
107	MP5C	X	-4.426	-4.426	0	%100
108	MP5C	Z	7.666	7.666	0	%100
109	MP2C	X	-4.426	-4.426	0	%100
110	MP2C	Z	7.666	7.666	0	%100
111	MP1C	X	-4.426	-4.426	0	%100
112	MP1C	Z	7.666	7.666	0	%100
113	MP3B	X	-4.426	-4.426	0	%100
114	MP3B	Z	7.666	7.666	0	%100
115	MP5B	X	-4.426	-4.426	0	%100
116	MP5B	Z	7.666	7.666	0	%100
117	MP2B	X	-4.426	-4.426	0	%100
118	MP2B	Z	7.666	7.666	0	%100
119	MP1B	X	-4.426	-4.426	0	%100
120	MP1B	Z	7.666	7.666	0	%100
121	MP4C	X	-3.803	-3.803	0	%100
122	MP4C	Z	6.586	6.586	0	%100
123	MP4B	X	-3.803	-3.803	0	%100
124	MP4B	Z	6.586	6.586	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.333	-2.333	0	%100
2	M1	Z	1.347	1.347	0	%100
3	M4	X	-7.102	-7.102	0	%100
4	M4	Z	4.1	4.1	0	%100
5	M10	X	-2.005	-2.005	0	%100
6	M10	Z	1.158	1.158	0	%100
7	MP3A	X	-7.666	-7.666	0	%100
8	MP3A	Z	4.426	4.426	0	%100
9	MP4A	X	-7.666	-7.666	0	%100
10	MP4A	Z	4.426	4.426	0	%100
11	MP2A	X	-7.666	-7.666	0	%100
12	MP2A	Z	4.426	4.426	0	%100
13	MP1A	X	-7.666	-7.666	0	%100
14	MP1A	Z	4.426	4.426	0	%100
15	M43	X	-2.005	-2.005	0	%100
16	M43	Z	1.158	1.158	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
17	M46	X	-4	-4	0	%100
18	M46	Z	2.309	2.309	0	%100
19	M51B	X	-8.889	-8.889	0	%100
20	M51B	Z	5.132	5.132	0	%100
21	M52B	X	-2.222	-2.222	0	%100
22	M52B	Z	1.283	1.283	0	%100
23	M76	X	-12	-12	0	%100
24	M76	Z	6.928	6.928	0	%100
25	M77	X	-16.296	-16.296	0	%100
26	M77	Z	9.408	9.408	0	%100
27	M80	X	-17.164	-17.164	0	%100
28	M80	Z	9.91	9.91	0	%100
29	M84	X	-12	-12	0	%100
30	M84	Z	6.928	6.928	0	%100
31	M85	X	-4.074	-4.074	0	%100
32	M85	Z	2.352	2.352	0	%100
33	M91	X	-4.291	-4.291	0	%100
34	M91	Z	2.477	2.477	0	%100
35	M100	X	-1.583	-1.583	0	%100
36	M100	Z	.914	.914	0	%100
37	M123	X	-1.851	-1.851	0	%100
38	M123	Z	1.069	1.069	0	%100
39	M128	X	-9.139	-9.139	0	%100
40	M128	Z	5.277	5.277	0	%100
41	M43A	X	-9.333	-9.333	0	%100
42	M43A	Z	5.388	5.388	0	%100
43	M44	X	-2.333	-2.333	0	%100
44	M44	Z	1.347	1.347	0	%100
45	M45B	X	0	0	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	X	-8.021	-8.021	0	%100
48	M46A	Z	4.631	4.631	0	%100
49	M47	X	-8.021	-8.021	0	%100
50	M47	Z	4.631	4.631	0	%100
51	M48	X	-16	-16	0	%100
52	M48	Z	9.237	9.237	0	%100
53	M49	X	-2.222	-2.222	0	%100
54	M49	Z	1.283	1.283	0	%100
55	M50A	X	-2.222	-2.222	0	%100
56	M50A	Z	1.283	1.283	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-4.074	-4.074	0	%100
60	M55	Z	2.352	2.352	0	%100
61	M57	X	-4.291	-4.291	0	%100
62	M57	Z	2.477	2.477	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	-4.074	-4.074	0	%100
66	M60	Z	2.352	2.352	0	%100
67	M62	X	-4.291	-4.291	0	%100
68	M62	Z	2.477	2.477	0	%100
69	M67	X	-5.395	-5.395	0	%100
70	M67	Z	3.115	3.115	0	%100
71	M70	X	-7.102	-7.102	0	%100
72	M70	Z	4.1	4.1	0	%100
73	M71	X	-2.005	-2.005	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
74	M71	Z	1.158	1.158	0	%100
75	M72	X	-2.005	-2.005	0	%100
76	M72	Z	1.158	1.158	0	%100
77	M73	X	-4	-4	0	%100
78	M73	Z	2.309	2.309	0	%100
79	M74	X	-2.222	-2.222	0	%100
80	M74	Z	1.283	1.283	0	%100
81	M75	X	-8.889	-8.889	0	%100
82	M75	Z	5.132	5.132	0	%100
83	M79A	X	-12	-12	0	%100
84	M79A	Z	6.928	6.928	0	%100
85	M80A	X	-4.074	-4.074	0	%100
86	M80A	Z	2.352	2.352	0	%100
87	M82	X	-4.291	-4.291	0	%100
88	M82	Z	2.477	2.477	0	%100
89	M84A	X	-12	-12	0	%100
90	M84A	Z	6.928	6.928	0	%100
91	M85A	X	-16.296	-16.296	0	%100
92	M85A	Z	9.408	9.408	0	%100
93	M87	X	-17.164	-17.164	0	%100
94	M87	Z	9.91	9.91	0	%100
95	M92A	X	-9.139	-9.139	0	%100
96	M92A	Z	5.277	5.277	0	%100
97	M95	X	-6.333	-6.333	0	%100
98	M95	Z	3.656	3.656	0	%100
99	M96	X	-1.583	-1.583	0	%100
100	M96	Z	.914	.914	0	%100
101	M99	X	-7.404	-7.404	0	%100
102	M99	Z	4.275	4.275	0	%100
103	M102A	X	-1.851	-1.851	0	%100
104	M102A	Z	1.069	1.069	0	%100
105	MP3C	X	-7.666	-7.666	0	%100
106	MP3C	Z	4.426	4.426	0	%100
107	MP5C	X	-7.666	-7.666	0	%100
108	MP5C	Z	4.426	4.426	0	%100
109	MP2C	X	-7.666	-7.666	0	%100
110	MP2C	Z	4.426	4.426	0	%100
111	MP1C	X	-7.666	-7.666	0	%100
112	MP1C	Z	4.426	4.426	0	%100
113	MP3B	X	-7.666	-7.666	0	%100
114	MP3B	Z	4.426	4.426	0	%100
115	MP5B	X	-7.666	-7.666	0	%100
116	MP5B	Z	4.426	4.426	0	%100
117	MP2B	X	-7.666	-7.666	0	%100
118	MP2B	Z	4.426	4.426	0	%100
119	MP1B	X	-7.666	-7.666	0	%100
120	MP1B	Z	4.426	4.426	0	%100
121	MP4C	X	-6.586	-6.586	0	%100
122	MP4C	Z	3.803	3.803	0	%100
123	MP4B	X	-6.586	-6.586	0	%100
124	MP4B	Z	3.803	3.803	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
3	M4	X	-10.934	-10.934	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-8.852	-8.852	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-8.852	-8.852	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-8.852	-8.852	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-8.852	-8.852	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-7.698	-7.698	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-7.698	-7.698	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-18.475	-18.475	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-14.113	-14.113	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-14.864	-14.864	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-18.475	-18.475	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-14.113	-14.113	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-14.864	-14.864	0	%100
34	M91	Z	0	0	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	0	0	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	0	0	0	%100
39	M128	X	-11.995	-11.995	0	%100
40	M128	Z	0	0	0	%100
41	M43A	X	-8.083	-8.083	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	-8.083	-8.083	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	-2.733	-2.733	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	X	-6.947	-6.947	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	-6.947	-6.947	0	%100
50	M47	Z	0	0	0	%100
51	M48	X	-13.856	-13.856	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	-7.698	-7.698	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	0	0	0	%100
57	M54	X	-4.619	-4.619	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-14.113	-14.113	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
60	M55	Z	0	0	0	%100
61	M57	X	-14.864	-14.864	0	%100
62	M57	Z	0	0	0	%100
63	M59A	X	-4.619	-4.619	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	0	0	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M67	X	-7.671	-7.671	0	%100
70	M67	Z	0	0	0	%100
71	M70	X	-2.733	-2.733	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	-6.947	-6.947	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	-6.947	-6.947	0	%100
76	M72	Z	0	0	0	%100
77	M73	X	-13.856	-13.856	0	%100
78	M73	Z	0	0	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	0	0	0	%100
81	M75	X	-7.698	-7.698	0	%100
82	M75	Z	0	0	0	%100
83	M79A	X	-4.619	-4.619	0	%100
84	M79A	Z	0	0	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	0	0	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	0	0	0	%100
89	M84A	X	-4.619	-4.619	0	%100
90	M84A	Z	0	0	0	%100
91	M85A	X	-14.113	-14.113	0	%100
92	M85A	Z	0	0	0	%100
93	M87	X	-14.864	-14.864	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	-7.671	-7.671	0	%100
96	M92A	Z	0	0	0	%100
97	M95	X	-5.485	-5.485	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	-5.485	-5.485	0	%100
100	M96	Z	0	0	0	%100
101	M99	X	-6.412	-6.412	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	-6.412	-6.412	0	%100
104	M102A	Z	0	0	0	%100
105	MP3C	X	-8.852	-8.852	0	%100
106	MP3C	Z	0	0	0	%100
107	MP5C	X	-8.852	-8.852	0	%100
108	MP5C	Z	0	0	0	%100
109	MP2C	X	-8.852	-8.852	0	%100
110	MP2C	Z	0	0	0	%100
111	MP1C	X	-8.852	-8.852	0	%100
112	MP1C	Z	0	0	0	%100
113	MP3B	X	-8.852	-8.852	0	%100
114	MP3B	Z	0	0	0	%100
115	MP5B	X	-8.852	-8.852	0	%100
116	MP5B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
117	MP2B	X	-8.852	-8.852	0	%100
118	MP2B	Z	0	0	0	%100
119	MP1B	X	-8.852	-8.852	0	%100
120	MP1B	Z	0	0	0	%100
121	MP4C	X	-7.605	-7.605	0	%100
122	MP4C	Z	0	0	0	%100
123	MP4B	X	-7.605	-7.605	0	%100
124	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.333	-2.333	0	%100
2	M1	Z	-1.347	-1.347	0	%100
3	M4	X	-7.102	-7.102	0	%100
4	M4	Z	-4.1	-4.1	0	%100
5	M10	X	-2.005	-2.005	0	%100
6	M10	Z	-1.158	-1.158	0	%100
7	MP3A	X	-7.666	-7.666	0	%100
8	MP3A	Z	-4.426	-4.426	0	%100
9	MP4A	X	-7.666	-7.666	0	%100
10	MP4A	Z	-4.426	-4.426	0	%100
11	MP2A	X	-7.666	-7.666	0	%100
12	MP2A	Z	-4.426	-4.426	0	%100
13	MP1A	X	-7.666	-7.666	0	%100
14	MP1A	Z	-4.426	-4.426	0	%100
15	M43	X	-2.005	-2.005	0	%100
16	M43	Z	-1.158	-1.158	0	%100
17	M46	X	-4	-4	0	%100
18	M46	Z	-2.309	-2.309	0	%100
19	M51B	X	-2.222	-2.222	0	%100
20	M51B	Z	-1.283	-1.283	0	%100
21	M52B	X	-8.889	-8.889	0	%100
22	M52B	Z	-5.132	-5.132	0	%100
23	M76	X	-12	-12	0	%100
24	M76	Z	-6.928	-6.928	0	%100
25	M77	X	-4.074	-4.074	0	%100
26	M77	Z	-2.352	-2.352	0	%100
27	M80	X	-4.291	-4.291	0	%100
28	M80	Z	-2.477	-2.477	0	%100
29	M84	X	-12	-12	0	%100
30	M84	Z	-6.928	-6.928	0	%100
31	M85	X	-16.296	-16.296	0	%100
32	M85	Z	-9.408	-9.408	0	%100
33	M91	X	-17.164	-17.164	0	%100
34	M91	Z	-9.91	-9.91	0	%100
35	M100	X	-1.583	-1.583	0	%100
36	M100	Z	-.914	-.914	0	%100
37	M123	X	-1.851	-1.851	0	%100
38	M123	Z	-1.069	-1.069	0	%100
39	M128	X	-9.139	-9.139	0	%100
40	M128	Z	-5.277	-5.277	0	%100
41	M43A	X	-2.333	-2.333	0	%100
42	M43A	Z	-1.347	-1.347	0	%100
43	M44	X	-9.333	-9.333	0	%100
44	M44	Z	-5.388	-5.388	0	%100
45	M45B	X	-7.102	-7.102	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
46	M45B	Z	-4.1	-4.1	0	%100
47	M46A	X	-2.005	-2.005	0	%100
48	M46A	Z	-1.158	-1.158	0	%100
49	M47	X	-2.005	-2.005	0	%100
50	M47	Z	-1.158	-1.158	0	%100
51	M48	X	-4	-4	0	%100
52	M48	Z	-2.309	-2.309	0	%100
53	M49	X	-8.889	-8.889	0	%100
54	M49	Z	-5.132	-5.132	0	%100
55	M50A	X	-2.222	-2.222	0	%100
56	M50A	Z	-1.283	-1.283	0	%100
57	M54	X	-12	-12	0	%100
58	M54	Z	-6.928	-6.928	0	%100
59	M55	X	-16.296	-16.296	0	%100
60	M55	Z	-9.408	-9.408	0	%100
61	M57	X	-17.164	-17.164	0	%100
62	M57	Z	-9.91	-9.91	0	%100
63	M59A	X	-12	-12	0	%100
64	M59A	Z	-6.928	-6.928	0	%100
65	M60	X	-4.074	-4.074	0	%100
66	M60	Z	-2.352	-2.352	0	%100
67	M62	X	-4.291	-4.291	0	%100
68	M62	Z	-2.477	-2.477	0	%100
69	M67	X	-9.139	-9.139	0	%100
70	M67	Z	-5.277	-5.277	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	-8.021	-8.021	0	%100
74	M71	Z	-4.631	-4.631	0	%100
75	M72	X	-8.021	-8.021	0	%100
76	M72	Z	-4.631	-4.631	0	%100
77	M73	X	-16	-16	0	%100
78	M73	Z	-9.237	-9.237	0	%100
79	M74	X	-2.222	-2.222	0	%100
80	M74	Z	-1.283	-1.283	0	%100
81	M75	X	-2.222	-2.222	0	%100
82	M75	Z	-1.283	-1.283	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	0	0	0	%100
85	M80A	X	-4.074	-4.074	0	%100
86	M80A	Z	-2.352	-2.352	0	%100
87	M82	X	-4.291	-4.291	0	%100
88	M82	Z	-2.477	-2.477	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	0	0	0	%100
91	M85A	X	-4.074	-4.074	0	%100
92	M85A	Z	-2.352	-2.352	0	%100
93	M87	X	-4.291	-4.291	0	%100
94	M87	Z	-2.477	-2.477	0	%100
95	M92A	X	-5.395	-5.395	0	%100
96	M92A	Z	-3.115	-3.115	0	%100
97	M95	X	-1.583	-1.583	0	%100
98	M95	Z	-.914	-.914	0	%100
99	M96	X	-6.333	-6.333	0	%100
100	M96	Z	-3.656	-3.656	0	%100
101	M99	X	-1.851	-1.851	0	%100
102	M99	Z	-1.069	-1.069	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
103	M102A	X	-7.404	-7.404	0	%100
104	M102A	Z	-4.275	-4.275	0	%100
105	MP3C	X	-7.666	-7.666	0	%100
106	MP3C	Z	-4.426	-4.426	0	%100
107	MP5C	X	-7.666	-7.666	0	%100
108	MP5C	Z	-4.426	-4.426	0	%100
109	MP2C	X	-7.666	-7.666	0	%100
110	MP2C	Z	-4.426	-4.426	0	%100
111	MP1C	X	-7.666	-7.666	0	%100
112	MP1C	Z	-4.426	-4.426	0	%100
113	MP3B	X	-7.666	-7.666	0	%100
114	MP3B	Z	-4.426	-4.426	0	%100
115	MP5B	X	-7.666	-7.666	0	%100
116	MP5B	Z	-4.426	-4.426	0	%100
117	MP2B	X	-7.666	-7.666	0	%100
118	MP2B	Z	-4.426	-4.426	0	%100
119	MP1B	X	-7.666	-7.666	0	%100
120	MP1B	Z	-4.426	-4.426	0	%100
121	MP4C	X	-6.586	-6.586	0	%100
122	MP4C	Z	-3.803	-3.803	0	%100
123	MP4B	X	-6.586	-6.586	0	%100
124	MP4B	Z	-3.803	-3.803	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-4.041	-4.041	0	%100
2	M1	Z	-7	-7	0	%100
3	M4	X	-1.367	-1.367	0	%100
4	M4	Z	-2.367	-2.367	0	%100
5	M10	X	-3.473	-3.473	0	%100
6	M10	Z	-6.016	-6.016	0	%100
7	MP3A	X	-4.426	-4.426	0	%100
8	MP3A	Z	-7.666	-7.666	0	%100
9	MP4A	X	-4.426	-4.426	0	%100
10	MP4A	Z	-7.666	-7.666	0	%100
11	MP2A	X	-4.426	-4.426	0	%100
12	MP2A	Z	-7.666	-7.666	0	%100
13	MP1A	X	-4.426	-4.426	0	%100
14	MP1A	Z	-7.666	-7.666	0	%100
15	M43	X	-3.473	-3.473	0	%100
16	M43	Z	-6.016	-6.016	0	%100
17	M46	X	-6.928	-6.928	0	%100
18	M46	Z	-12	-12	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-3.849	-3.849	0	%100
22	M52B	Z	-6.666	-6.666	0	%100
23	M76	X	-2.309	-2.309	0	%100
24	M76	Z	-4	-4	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-2.309	-2.309	0	%100
30	M84	Z	-4	-4	0	%100
31	M85	X	-7.056	-7.056	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
32	M85	Z	-12.222	-12.222	0	%100
33	M91	X	-7.432	-7.432	0	%100
34	M91	Z	-12.873	-12.873	0	%100
35	M100	X	-2.742	-2.742	0	%100
36	M100	Z	-4.75	-4.75	0	%100
37	M123	X	-3.206	-3.206	0	%100
38	M123	Z	-5.553	-5.553	0	%100
39	M128	X	-3.835	-3.835	0	%100
40	M128	Z	-6.643	-6.643	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	-4.041	-4.041	0	%100
44	M44	Z	-7	-7	0	%100
45	M45B	X	-5.467	-5.467	0	%100
46	M45B	Z	-9.469	-9.469	0	%100
47	M46A	X	0	0	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	0	0	0	%100
50	M47	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	-3.849	-3.849	0	%100
54	M49	Z	-6.666	-6.666	0	%100
55	M50A	X	-3.849	-3.849	0	%100
56	M50A	Z	-6.666	-6.666	0	%100
57	M54	X	-9.237	-9.237	0	%100
58	M54	Z	-16	-16	0	%100
59	M55	X	-7.056	-7.056	0	%100
60	M55	Z	-12.222	-12.222	0	%100
61	M57	X	-7.432	-7.432	0	%100
62	M57	Z	-12.873	-12.873	0	%100
63	M59A	X	-9.237	-9.237	0	%100
64	M59A	Z	-16	-16	0	%100
65	M60	X	-7.056	-7.056	0	%100
66	M60	Z	-12.222	-12.222	0	%100
67	M62	X	-7.432	-7.432	0	%100
68	M62	Z	-12.873	-12.873	0	%100
69	M67	X	-5.997	-5.997	0	%100
70	M67	Z	-10.388	-10.388	0	%100
71	M70	X	-1.367	-1.367	0	%100
72	M70	Z	-2.367	-2.367	0	%100
73	M71	X	-3.473	-3.473	0	%100
74	M71	Z	-6.016	-6.016	0	%100
75	M72	X	-3.473	-3.473	0	%100
76	M72	Z	-6.016	-6.016	0	%100
77	M73	X	-6.928	-6.928	0	%100
78	M73	Z	-12	-12	0	%100
79	M74	X	-3.849	-3.849	0	%100
80	M74	Z	-6.666	-6.666	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	0	0	0	%100
83	M79A	X	-2.309	-2.309	0	%100
84	M79A	Z	-4	-4	0	%100
85	M80A	X	-7.056	-7.056	0	%100
86	M80A	Z	-12.222	-12.222	0	%100
87	M82	X	-7.432	-7.432	0	%100
88	M82	Z	-12.873	-12.873	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
89	M84A	X	-2.309	-2.309	0	%100
90	M84A	Z	-4	-4	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	0	0	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	-3.835	-3.835	0	%100
96	M92A	Z	-6.643	-6.643	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	-2.742	-2.742	0	%100
100	M96	Z	-4.75	-4.75	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	-3.206	-3.206	0	%100
104	M102A	Z	-5.553	-5.553	0	%100
105	MP3C	X	-4.426	-4.426	0	%100
106	MP3C	Z	-7.666	-7.666	0	%100
107	MP5C	X	-4.426	-4.426	0	%100
108	MP5C	Z	-7.666	-7.666	0	%100
109	MP2C	X	-4.426	-4.426	0	%100
110	MP2C	Z	-7.666	-7.666	0	%100
111	MP1C	X	-4.426	-4.426	0	%100
112	MP1C	Z	-7.666	-7.666	0	%100
113	MP3B	X	-4.426	-4.426	0	%100
114	MP3B	Z	-7.666	-7.666	0	%100
115	MP5B	X	-4.426	-4.426	0	%100
116	MP5B	Z	-7.666	-7.666	0	%100
117	MP2B	X	-4.426	-4.426	0	%100
118	MP2B	Z	-7.666	-7.666	0	%100
119	MP1B	X	-4.426	-4.426	0	%100
120	MP1B	Z	-7.666	-7.666	0	%100
121	MP4C	X	-3.803	-3.803	0	%100
122	MP4C	Z	-6.586	-6.586	0	%100
123	MP4B	X	-3.803	-3.803	0	%100
124	MP4B	Z	-6.586	-6.586	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-3.317	-3.317	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-2.729	-2.729	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-2.959	-2.959	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-2.959	-2.959	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-2.959	-2.959	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-2.959	-2.959	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-2.729	-2.729	0	%100
17	M46	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
18	M46	Z	-4.269	-4.269	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-.791	-.791	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-.791	-.791	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-1.066	-1.066	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-1.112	-1.112	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-1.066	-1.066	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-1.112	-1.112	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	-2.673	-2.673	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	-2.44	-2.44	0	%100
39	M128	X	0	0	0	%100
40	M128	Z	-1.54	-1.54	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	-.829	-.829	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	-.829	-.829	0	%100
45	M45B	X	0	0	0	%100
46	M45B	Z	-2.509	-2.509	0	%100
47	M46A	X	0	0	0	%100
48	M46A	Z	-.682	-.682	0	%100
49	M47	X	0	0	0	%100
50	M47	Z	-.682	-.682	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-1.067	-1.067	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	-.791	-.791	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	-3.163	-3.163	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	-3.149	-3.149	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	-1.066	-1.066	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	-1.112	-1.112	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	-3.149	-3.149	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	-4.263	-4.263	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	-4.449	-4.449	0	%100
69	M67	X	0	0	0	%100
70	M67	Z	-3.005	-3.005	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	-2.509	-2.509	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	-.682	-.682	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
75	M72	X	0	0	0	%100
76	M72	Z	-.682	-.682	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	-1.067	-1.067	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	-3.163	-3.163	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	-.791	-.791	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	-3.149	-3.149	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	-4.263	-4.263	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	-4.449	-4.449	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	-3.149	-3.149	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	-1.066	-1.066	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	-1.112	-1.112	0	%100
95	M92A	X	0	0	0	%100
96	M92A	Z	-3.005	-3.005	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	-.668	-.668	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	-.668	-.668	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	-.61	-.61	0	%100
103	M102A	X	0	0	0	%100
104	M102A	Z	-.61	-.61	0	%100
105	MP3C	X	0	0	0	%100
106	MP3C	Z	-2.959	-2.959	0	%100
107	MP5C	X	0	0	0	%100
108	MP5C	Z	-2.959	-2.959	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	-2.959	-2.959	0	%100
111	MP1C	X	0	0	0	%100
112	MP1C	Z	-2.959	-2.959	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	-2.959	-2.959	0	%100
115	MP5B	X	0	0	0	%100
116	MP5B	Z	-2.959	-2.959	0	%100
117	MP2B	X	0	0	0	%100
118	MP2B	Z	-2.959	-2.959	0	%100
119	MP1B	X	0	0	0	%100
120	MP1B	Z	-2.959	-2.959	0	%100
121	MP4C	X	0	0	0	%100
122	MP4C	Z	-2.648	-2.648	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	-2.648	-2.648	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.244	1.244	0	%100
2	M1	Z	-2.154	-2.154	0	%100
3	M4	X	.418	.418	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
4	M4	Z	-.724	-.724	0	%100
5	M10	X	1.023	1.023	0	%100
6	M10	Z	-1.772	-1.772	0	%100
7	MP3A	X	1.479	1.479	0	%100
8	MP3A	Z	-2.563	-2.563	0	%100
9	MP4A	X	1.479	1.479	0	%100
10	MP4A	Z	-2.563	-2.563	0	%100
11	MP2A	X	1.479	1.479	0	%100
12	MP2A	Z	-2.563	-2.563	0	%100
13	MP1A	X	1.479	1.479	0	%100
14	MP1A	Z	-2.563	-2.563	0	%100
15	M43	X	1.023	1.023	0	%100
16	M43	Z	-1.772	-1.772	0	%100
17	M46	X	1.601	1.601	0	%100
18	M46	Z	-2.773	-2.773	0	%100
19	M51B	X	1.186	1.186	0	%100
20	M51B	Z	-2.055	-2.055	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	.525	.525	0	%100
24	M76	Z	-.909	-.909	0	%100
25	M77	X	1.598	1.598	0	%100
26	M77	Z	-2.769	-2.769	0	%100
27	M80	X	1.668	1.668	0	%100
28	M80	Z	-2.89	-2.89	0	%100
29	M84	X	.525	.525	0	%100
30	M84	Z	-.909	-.909	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M100	X	1.002	1.002	0	%100
36	M100	Z	-1.736	-1.736	0	%100
37	M123	X	.915	.915	0	%100
38	M123	Z	-1.585	-1.585	0	%100
39	M128	X	1.014	1.014	0	%100
40	M128	Z	-1.756	-1.756	0	%100
41	M43A	X	1.244	1.244	0	%100
42	M43A	Z	-2.154	-2.154	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	.418	.418	0	%100
46	M45B	Z	-.724	-.724	0	%100
47	M46A	X	1.023	1.023	0	%100
48	M46A	Z	-1.772	-1.772	0	%100
49	M47	X	1.023	1.023	0	%100
50	M47	Z	-1.772	-1.772	0	%100
51	M48	X	1.601	1.601	0	%100
52	M48	Z	-2.773	-2.773	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	1.186	1.186	0	%100
56	M50A	Z	-2.055	-2.055	0	%100
57	M54	X	.525	.525	0	%100
58	M54	Z	-.909	-.909	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
61	M57	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	M59A	X	.525	.525	0	%100
64	M59A	Z	-.909	-.909	0	%100
65	M60	X	1.598	1.598	0	%100
66	M60	Z	-2.769	-2.769	0	%100
67	M62	X	1.668	1.668	0	%100
68	M62	Z	-2.89	-2.89	0	%100
69	M67	X	1.014	1.014	0	%100
70	M67	Z	-1.756	-1.756	0	%100
71	M70	X	1.673	1.673	0	%100
72	M70	Z	-2.897	-2.897	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	0	0	0	%100
79	M74	X	1.186	1.186	0	%100
80	M74	Z	-2.055	-2.055	0	%100
81	M75	X	1.186	1.186	0	%100
82	M75	Z	-2.055	-2.055	0	%100
83	M79A	X	2.1	2.1	0	%100
84	M79A	Z	-3.637	-3.637	0	%100
85	M80A	X	1.598	1.598	0	%100
86	M80A	Z	-2.769	-2.769	0	%100
87	M82	X	1.668	1.668	0	%100
88	M82	Z	-2.89	-2.89	0	%100
89	M84A	X	2.1	2.1	0	%100
90	M84A	Z	-3.637	-3.637	0	%100
91	M85A	X	1.598	1.598	0	%100
92	M85A	Z	-2.769	-2.769	0	%100
93	M87	X	1.668	1.668	0	%100
94	M87	Z	-2.89	-2.89	0	%100
95	M92A	X	1.747	1.747	0	%100
96	M92A	Z	-3.025	-3.025	0	%100
97	M95	X	1.002	1.002	0	%100
98	M95	Z	-1.736	-1.736	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	0	0	0	%100
101	M99	X	.915	.915	0	%100
102	M99	Z	-1.585	-1.585	0	%100
103	M102A	X	0	0	0	%100
104	M102A	Z	0	0	0	%100
105	MP3C	X	1.479	1.479	0	%100
106	MP3C	Z	-2.563	-2.563	0	%100
107	MP5C	X	1.479	1.479	0	%100
108	MP5C	Z	-2.563	-2.563	0	%100
109	MP2C	X	1.479	1.479	0	%100
110	MP2C	Z	-2.563	-2.563	0	%100
111	MP1C	X	1.479	1.479	0	%100
112	MP1C	Z	-2.563	-2.563	0	%100
113	MP3B	X	1.479	1.479	0	%100
114	MP3B	Z	-2.563	-2.563	0	%100
115	MP5B	X	1.479	1.479	0	%100
116	MP5B	Z	-2.563	-2.563	0	%100
117	MP2B	X	1.479	1.479	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
118	MP2B	Z	-2.563	-2.563	0	%100
119	MP1B	X	1.479	1.479	0	%100
120	MP1B	Z	-2.563	-2.563	0	%100
121	MP4C	X	1.324	1.324	0	%100
122	MP4C	Z	-2.294	-2.294	0	%100
123	MP4B	X	1.324	1.324	0	%100
124	MP4B	Z	-2.294	-2.294	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.718	.718	0	%100
2	M1	Z	-.415	-.415	0	%100
3	M4	X	2.173	2.173	0	%100
4	M4	Z	-1.255	-1.255	0	%100
5	M10	X	.591	.591	0	%100
6	M10	Z	-.341	-.341	0	%100
7	MP3A	X	2.563	2.563	0	%100
8	MP3A	Z	-1.479	-1.479	0	%100
9	MP4A	X	2.563	2.563	0	%100
10	MP4A	Z	-1.479	-1.479	0	%100
11	MP2A	X	2.563	2.563	0	%100
12	MP2A	Z	-1.479	-1.479	0	%100
13	MP1A	X	2.563	2.563	0	%100
14	MP1A	Z	-1.479	-1.479	0	%100
15	M43	X	.591	.591	0	%100
16	M43	Z	-.341	-.341	0	%100
17	M46	X	.924	.924	0	%100
18	M46	Z	-.534	-.534	0	%100
19	M51B	X	2.739	2.739	0	%100
20	M51B	Z	-1.582	-1.582	0	%100
21	M52B	X	.685	.685	0	%100
22	M52B	Z	-.395	-.395	0	%100
23	M76	X	2.727	2.727	0	%100
24	M76	Z	-1.575	-1.575	0	%100
25	M77	X	3.692	3.692	0	%100
26	M77	Z	-2.131	-2.131	0	%100
27	M80	X	3.853	3.853	0	%100
28	M80	Z	-2.224	-2.224	0	%100
29	M84	X	2.727	2.727	0	%100
30	M84	Z	-1.575	-1.575	0	%100
31	M85	X	.923	.923	0	%100
32	M85	Z	-.533	-.533	0	%100
33	M91	X	.963	.963	0	%100
34	M91	Z	-.556	-.556	0	%100
35	M100	X	.579	.579	0	%100
36	M100	Z	-.334	-.334	0	%100
37	M123	X	.528	.528	0	%100
38	M123	Z	-.305	-.305	0	%100
39	M128	X	2.602	2.602	0	%100
40	M128	Z	-1.502	-1.502	0	%100
41	M43A	X	2.872	2.872	0	%100
42	M43A	Z	-1.658	-1.658	0	%100
43	M44	X	.718	.718	0	%100
44	M44	Z	-.415	-.415	0	%100
45	M45B	X	0	0	0	%100
46	M45B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
47	M46A	X	2.363	2.363	0	%100
48	M46A	Z	-1.364	-1.364	0	%100
49	M47	X	2.363	2.363	0	%100
50	M47	Z	-1.364	-1.364	0	%100
51	M48	X	3.697	3.697	0	%100
52	M48	Z	-2.135	-2.135	0	%100
53	M49	X	.685	.685	0	%100
54	M49	Z	-.395	-.395	0	%100
55	M50A	X	.685	.685	0	%100
56	M50A	Z	-.395	-.395	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	.923	.923	0	%100
60	M55	Z	-.533	-.533	0	%100
61	M57	X	.963	.963	0	%100
62	M57	Z	-.556	-.556	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	.923	.923	0	%100
66	M60	Z	-.533	-.533	0	%100
67	M62	X	.963	.963	0	%100
68	M62	Z	-.556	-.556	0	%100
69	M67	X	1.333	1.333	0	%100
70	M67	Z	-.77	-.77	0	%100
71	M70	X	2.173	2.173	0	%100
72	M70	Z	-1.255	-1.255	0	%100
73	M71	X	.591	.591	0	%100
74	M71	Z	-.341	-.341	0	%100
75	M72	X	.591	.591	0	%100
76	M72	Z	-.341	-.341	0	%100
77	M73	X	.924	.924	0	%100
78	M73	Z	-.534	-.534	0	%100
79	M74	X	.685	.685	0	%100
80	M74	Z	-.395	-.395	0	%100
81	M75	X	2.739	2.739	0	%100
82	M75	Z	-1.582	-1.582	0	%100
83	M79A	X	2.727	2.727	0	%100
84	M79A	Z	-1.575	-1.575	0	%100
85	M80A	X	.923	.923	0	%100
86	M80A	Z	-.533	-.533	0	%100
87	M82	X	.963	.963	0	%100
88	M82	Z	-.556	-.556	0	%100
89	M84A	X	2.727	2.727	0	%100
90	M84A	Z	-1.575	-1.575	0	%100
91	M85A	X	3.692	3.692	0	%100
92	M85A	Z	-2.131	-2.131	0	%100
93	M87	X	3.853	3.853	0	%100
94	M87	Z	-2.224	-2.224	0	%100
95	M92A	X	2.602	2.602	0	%100
96	M92A	Z	-1.502	-1.502	0	%100
97	M95	X	2.315	2.315	0	%100
98	M95	Z	-1.336	-1.336	0	%100
99	M96	X	.579	.579	0	%100
100	M96	Z	-.334	-.334	0	%100
101	M99	X	2.113	2.113	0	%100
102	M99	Z	-1.22	-1.22	0	%100
103	M102A	X	.528	.528	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
104	M102A	Z	-.305	-.305	0	%100
105	MP3C	X	2.563	2.563	0	%100
106	MP3C	Z	-1.479	-1.479	0	%100
107	MP5C	X	2.563	2.563	0	%100
108	MP5C	Z	-1.479	-1.479	0	%100
109	MP2C	X	2.563	2.563	0	%100
110	MP2C	Z	-1.479	-1.479	0	%100
111	MP1C	X	2.563	2.563	0	%100
112	MP1C	Z	-1.479	-1.479	0	%100
113	MP3B	X	2.563	2.563	0	%100
114	MP3B	Z	-1.479	-1.479	0	%100
115	MP5B	X	2.563	2.563	0	%100
116	MP5B	Z	-1.479	-1.479	0	%100
117	MP2B	X	2.563	2.563	0	%100
118	MP2B	Z	-1.479	-1.479	0	%100
119	MP1B	X	2.563	2.563	0	%100
120	MP1B	Z	-1.479	-1.479	0	%100
121	MP4C	X	2.294	2.294	0	%100
122	MP4C	Z	-1.324	-1.324	0	%100
123	MP4B	X	2.294	2.294	0	%100
124	MP4B	Z	-1.324	-1.324	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	3.346	3.346	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	2.959	2.959	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	2.959	2.959	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	2.959	2.959	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	2.959	2.959	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	2.372	2.372	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	2.372	2.372	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	4.199	4.199	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	3.197	3.197	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	3.337	3.337	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	4.199	4.199	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	3.197	3.197	0	%100
32	M85	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
33	M91	X	3.337	3.337	0	%100
34	M91	Z	0	0	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	0	0	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	0	0	0	%100
39	M128	X	3.493	3.493	0	%100
40	M128	Z	0	0	0	%100
41	M43A	X	2.487	2.487	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	2.487	2.487	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	.836	.836	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	X	2.046	2.046	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	2.046	2.046	0	%100
50	M47	Z	0	0	0	%100
51	M48	X	3.202	3.202	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	2.372	2.372	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	0	0	0	%100
57	M54	X	1.05	1.05	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	3.197	3.197	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	3.337	3.337	0	%100
62	M57	Z	0	0	0	%100
63	M59A	X	1.05	1.05	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	0	0	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M67	X	2.028	2.028	0	%100
70	M67	Z	0	0	0	%100
71	M70	X	.836	.836	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	2.046	2.046	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	2.046	2.046	0	%100
76	M72	Z	0	0	0	%100
77	M73	X	3.202	3.202	0	%100
78	M73	Z	0	0	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	0	0	0	%100
81	M75	X	2.372	2.372	0	%100
82	M75	Z	0	0	0	%100
83	M79A	X	1.05	1.05	0	%100
84	M79A	Z	0	0	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	0	0	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	0	0	0	%100
89	M84A	X	1.05	1.05	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
90	M84A	Z	0	0	0	%100
91	M85A	X	3.197	3.197	0	%100
92	M85A	Z	0	0	0	%100
93	M87	X	3.337	3.337	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	2.028	2.028	0	%100
96	M92A	Z	0	0	0	%100
97	M95	X	2.005	2.005	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	2.005	2.005	0	%100
100	M96	Z	0	0	0	%100
101	M99	X	1.83	1.83	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	1.83	1.83	0	%100
104	M102A	Z	0	0	0	%100
105	MP3C	X	2.959	2.959	0	%100
106	MP3C	Z	0	0	0	%100
107	MP5C	X	2.959	2.959	0	%100
108	MP5C	Z	0	0	0	%100
109	MP2C	X	2.959	2.959	0	%100
110	MP2C	Z	0	0	0	%100
111	MP1C	X	2.959	2.959	0	%100
112	MP1C	Z	0	0	0	%100
113	MP3B	X	2.959	2.959	0	%100
114	MP3B	Z	0	0	0	%100
115	MP5B	X	2.959	2.959	0	%100
116	MP5B	Z	0	0	0	%100
117	MP2B	X	2.959	2.959	0	%100
118	MP2B	Z	0	0	0	%100
119	MP1B	X	2.959	2.959	0	%100
120	MP1B	Z	0	0	0	%100
121	MP4C	X	2.648	2.648	0	%100
122	MP4C	Z	0	0	0	%100
123	MP4B	X	2.648	2.648	0	%100
124	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.718	.718	0	%100
2	M1	Z	.415	.415	0	%100
3	M4	X	2.173	2.173	0	%100
4	M4	Z	1.255	1.255	0	%100
5	M10	X	.591	.591	0	%100
6	M10	Z	.341	.341	0	%100
7	MP3A	X	2.563	2.563	0	%100
8	MP3A	Z	1.479	1.479	0	%100
9	MP4A	X	2.563	2.563	0	%100
10	MP4A	Z	1.479	1.479	0	%100
11	MP2A	X	2.563	2.563	0	%100
12	MP2A	Z	1.479	1.479	0	%100
13	MP1A	X	2.563	2.563	0	%100
14	MP1A	Z	1.479	1.479	0	%100
15	M43	X	.591	.591	0	%100
16	M43	Z	.341	.341	0	%100
17	M46	X	.924	.924	0	%100
18	M46	Z	.534	.534	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
19	M51B	X	.685	.685	0	%100
20	M51B	Z	.395	.395	0	%100
21	M52B	X	2.739	2.739	0	%100
22	M52B	Z	1.582	1.582	0	%100
23	M76	X	2.727	2.727	0	%100
24	M76	Z	1.575	1.575	0	%100
25	M77	X	.923	.923	0	%100
26	M77	Z	.533	.533	0	%100
27	M80	X	.963	.963	0	%100
28	M80	Z	.556	.556	0	%100
29	M84	X	2.727	2.727	0	%100
30	M84	Z	1.575	1.575	0	%100
31	M85	X	3.692	3.692	0	%100
32	M85	Z	2.131	2.131	0	%100
33	M91	X	3.853	3.853	0	%100
34	M91	Z	2.224	2.224	0	%100
35	M100	X	.579	.579	0	%100
36	M100	Z	.334	.334	0	%100
37	M123	X	.528	.528	0	%100
38	M123	Z	.305	.305	0	%100
39	M128	X	2.602	2.602	0	%100
40	M128	Z	1.502	1.502	0	%100
41	M43A	X	.718	.718	0	%100
42	M43A	Z	.415	.415	0	%100
43	M44	X	2.872	2.872	0	%100
44	M44	Z	1.658	1.658	0	%100
45	M45B	X	2.173	2.173	0	%100
46	M45B	Z	1.255	1.255	0	%100
47	M46A	X	.591	.591	0	%100
48	M46A	Z	.341	.341	0	%100
49	M47	X	.591	.591	0	%100
50	M47	Z	.341	.341	0	%100
51	M48	X	.924	.924	0	%100
52	M48	Z	.534	.534	0	%100
53	M49	X	2.739	2.739	0	%100
54	M49	Z	1.582	1.582	0	%100
55	M50A	X	.685	.685	0	%100
56	M50A	Z	.395	.395	0	%100
57	M54	X	2.727	2.727	0	%100
58	M54	Z	1.575	1.575	0	%100
59	M55	X	3.692	3.692	0	%100
60	M55	Z	2.131	2.131	0	%100
61	M57	X	3.853	3.853	0	%100
62	M57	Z	2.224	2.224	0	%100
63	M59A	X	2.727	2.727	0	%100
64	M59A	Z	1.575	1.575	0	%100
65	M60	X	.923	.923	0	%100
66	M60	Z	.533	.533	0	%100
67	M62	X	.963	.963	0	%100
68	M62	Z	.556	.556	0	%100
69	M67	X	2.602	2.602	0	%100
70	M67	Z	1.502	1.502	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	2.363	2.363	0	%100
74	M71	Z	1.364	1.364	0	%100
75	M72	X	2.363	2.363	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
76	M72	Z	1.364	1.364	0	%100
77	M73	X	3.697	3.697	0	%100
78	M73	Z	2.135	2.135	0	%100
79	M74	X	.685	.685	0	%100
80	M74	Z	.395	.395	0	%100
81	M75	X	.685	.685	0	%100
82	M75	Z	.395	.395	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	0	0	0	%100
85	M80A	X	.923	.923	0	%100
86	M80A	Z	.533	.533	0	%100
87	M82	X	.963	.963	0	%100
88	M82	Z	.556	.556	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	0	0	0	%100
91	M85A	X	.923	.923	0	%100
92	M85A	Z	.533	.533	0	%100
93	M87	X	.963	.963	0	%100
94	M87	Z	.556	.556	0	%100
95	M92A	X	1.333	1.333	0	%100
96	M92A	Z	.77	.77	0	%100
97	M95	X	.579	.579	0	%100
98	M95	Z	.334	.334	0	%100
99	M96	X	2.315	2.315	0	%100
100	M96	Z	1.336	1.336	0	%100
101	M99	X	.528	.528	0	%100
102	M99	Z	.305	.305	0	%100
103	M102A	X	2.113	2.113	0	%100
104	M102A	Z	1.22	1.22	0	%100
105	MP3C	X	2.563	2.563	0	%100
106	MP3C	Z	1.479	1.479	0	%100
107	MP5C	X	2.563	2.563	0	%100
108	MP5C	Z	1.479	1.479	0	%100
109	MP2C	X	2.563	2.563	0	%100
110	MP2C	Z	1.479	1.479	0	%100
111	MP1C	X	2.563	2.563	0	%100
112	MP1C	Z	1.479	1.479	0	%100
113	MP3B	X	2.563	2.563	0	%100
114	MP3B	Z	1.479	1.479	0	%100
115	MP5B	X	2.563	2.563	0	%100
116	MP5B	Z	1.479	1.479	0	%100
117	MP2B	X	2.563	2.563	0	%100
118	MP2B	Z	1.479	1.479	0	%100
119	MP1B	X	2.563	2.563	0	%100
120	MP1B	Z	1.479	1.479	0	%100
121	MP4C	X	2.294	2.294	0	%100
122	MP4C	Z	1.324	1.324	0	%100
123	MP4B	X	2.294	2.294	0	%100
124	MP4B	Z	1.324	1.324	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.244	1.244	0	%100
2	M1	Z	2.154	2.154	0	%100
3	M4	X	.418	.418	0	%100
4	M4	Z	.724	.724	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
5	M10	X	1.023	1.023	0	%100
6	M10	Z	1.772	1.772	0	%100
7	MP3A	X	1.479	1.479	0	%100
8	MP3A	Z	2.563	2.563	0	%100
9	MP4A	X	1.479	1.479	0	%100
10	MP4A	Z	2.563	2.563	0	%100
11	MP2A	X	1.479	1.479	0	%100
12	MP2A	Z	2.563	2.563	0	%100
13	MP1A	X	1.479	1.479	0	%100
14	MP1A	Z	2.563	2.563	0	%100
15	M43	X	1.023	1.023	0	%100
16	M43	Z	1.772	1.772	0	%100
17	M46	X	1.601	1.601	0	%100
18	M46	Z	2.773	2.773	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	1.186	1.186	0	%100
22	M52B	Z	2.055	2.055	0	%100
23	M76	X	.525	.525	0	%100
24	M76	Z	.909	.909	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	.525	.525	0	%100
30	M84	Z	.909	.909	0	%100
31	M85	X	1.598	1.598	0	%100
32	M85	Z	2.769	2.769	0	%100
33	M91	X	1.668	1.668	0	%100
34	M91	Z	2.89	2.89	0	%100
35	M100	X	1.002	1.002	0	%100
36	M100	Z	1.736	1.736	0	%100
37	M123	X	.915	.915	0	%100
38	M123	Z	1.585	1.585	0	%100
39	M128	X	1.014	1.014	0	%100
40	M128	Z	1.756	1.756	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	1.244	1.244	0	%100
44	M44	Z	2.154	2.154	0	%100
45	M45B	X	1.673	1.673	0	%100
46	M45B	Z	2.897	2.897	0	%100
47	M46A	X	0	0	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	0	0	0	%100
50	M47	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	1.186	1.186	0	%100
54	M49	Z	2.055	2.055	0	%100
55	M50A	X	1.186	1.186	0	%100
56	M50A	Z	2.055	2.055	0	%100
57	M54	X	2.1	2.1	0	%100
58	M54	Z	3.637	3.637	0	%100
59	M55	X	1.598	1.598	0	%100
60	M55	Z	2.769	2.769	0	%100
61	M57	X	1.668	1.668	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
62	M57	Z	2.89	2.89	0	%100
63	M59A	X	2.1	2.1	0	%100
64	M59A	Z	3.637	3.637	0	%100
65	M60	X	1.598	1.598	0	%100
66	M60	Z	2.769	2.769	0	%100
67	M62	X	1.668	1.668	0	%100
68	M62	Z	2.89	2.89	0	%100
69	M67	X	1.747	1.747	0	%100
70	M67	Z	3.025	3.025	0	%100
71	M70	X	.418	.418	0	%100
72	M70	Z	.724	.724	0	%100
73	M71	X	1.023	1.023	0	%100
74	M71	Z	1.772	1.772	0	%100
75	M72	X	1.023	1.023	0	%100
76	M72	Z	1.772	1.772	0	%100
77	M73	X	1.601	1.601	0	%100
78	M73	Z	2.773	2.773	0	%100
79	M74	X	1.186	1.186	0	%100
80	M74	Z	2.055	2.055	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	0	0	0	%100
83	M79A	X	.525	.525	0	%100
84	M79A	Z	.909	.909	0	%100
85	M80A	X	1.598	1.598	0	%100
86	M80A	Z	2.769	2.769	0	%100
87	M82	X	1.668	1.668	0	%100
88	M82	Z	2.89	2.89	0	%100
89	M84A	X	.525	.525	0	%100
90	M84A	Z	.909	.909	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	0	0	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	1.014	1.014	0	%100
96	M92A	Z	1.756	1.756	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	1.002	1.002	0	%100
100	M96	Z	1.736	1.736	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	.915	.915	0	%100
104	M102A	Z	1.585	1.585	0	%100
105	MP3C	X	1.479	1.479	0	%100
106	MP3C	Z	2.563	2.563	0	%100
107	MP5C	X	1.479	1.479	0	%100
108	MP5C	Z	2.563	2.563	0	%100
109	MP2C	X	1.479	1.479	0	%100
110	MP2C	Z	2.563	2.563	0	%100
111	MP1C	X	1.479	1.479	0	%100
112	MP1C	Z	2.563	2.563	0	%100
113	MP3B	X	1.479	1.479	0	%100
114	MP3B	Z	2.563	2.563	0	%100
115	MP5B	X	1.479	1.479	0	%100
116	MP5B	Z	2.563	2.563	0	%100
117	MP2B	X	1.479	1.479	0	%100
118	MP2B	Z	2.563	2.563	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
119	MP1B	X	1.479	1.479	0	%100
120	MP1B	Z	2.563	2.563	0	%100
121	MP4C	X	1.324	1.324	0	%100
122	MP4C	Z	2.294	2.294	0	%100
123	MP4B	X	1.324	1.324	0	%100
124	MP4B	Z	2.294	2.294	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	3.317	3.317	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	2.729	2.729	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	2.959	2.959	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	2.959	2.959	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	2.959	2.959	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	2.959	2.959	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	2.729	2.729	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	4.269	4.269	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	.791	.791	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	.791	.791	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	1.066	1.066	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	1.112	1.112	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	1.066	1.066	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	1.112	1.112	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	2.673	2.673	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	2.44	2.44	0	%100
39	M128	X	0	0	0	%100
40	M128	Z	1.54	1.54	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	.829	.829	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	.829	.829	0	%100
45	M45B	X	0	0	0	%100
46	M45B	Z	2.509	2.509	0	%100
47	M46A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k...	Start Location[ft,%]	End Location[ft,%]
48	M46A	Z	.682	.682	0	%100
49	M47	X	0	0	0	%100
50	M47	Z	.682	.682	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	1.067	1.067	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	.791	.791	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	3.163	3.163	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	3.149	3.149	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	1.066	1.066	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	1.112	1.112	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	3.149	3.149	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	4.263	4.263	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	4.449	4.449	0	%100
69	M67	X	0	0	0	%100
70	M67	Z	3.005	3.005	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	2.509	2.509	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	.682	.682	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	.682	.682	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	1.067	1.067	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	3.163	3.163	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	.791	.791	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	3.149	3.149	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	4.263	4.263	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	4.449	4.449	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	3.149	3.149	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	1.066	1.066	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	1.112	1.112	0	%100
95	M92A	X	0	0	0	%100
96	M92A	Z	3.005	3.005	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	.668	.668	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	.668	.668	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	.61	.61	0	%100
103	M102A	X	0	0	0	%100
104	M102A	Z	.61	.61	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
105	MP3C	X	0	0	0	%100
106	MP3C	Z	2.959	2.959	0	%100
107	MP5C	X	0	0	0	%100
108	MP5C	Z	2.959	2.959	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	2.959	2.959	0	%100
111	MP1C	X	0	0	0	%100
112	MP1C	Z	2.959	2.959	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	2.959	2.959	0	%100
115	MP5B	X	0	0	0	%100
116	MP5B	Z	2.959	2.959	0	%100
117	MP2B	X	0	0	0	%100
118	MP2B	Z	2.959	2.959	0	%100
119	MP1B	X	0	0	0	%100
120	MP1B	Z	2.959	2.959	0	%100
121	MP4C	X	0	0	0	%100
122	MP4C	Z	2.648	2.648	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	2.648	2.648	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.244	-1.244	0	%100
2	M1	Z	2.154	2.154	0	%100
3	M4	X	-.418	-.418	0	%100
4	M4	Z	.724	.724	0	%100
5	M10	X	-1.023	-1.023	0	%100
6	M10	Z	1.772	1.772	0	%100
7	MP3A	X	-1.479	-1.479	0	%100
8	MP3A	Z	2.563	2.563	0	%100
9	MP4A	X	-1.479	-1.479	0	%100
10	MP4A	Z	2.563	2.563	0	%100
11	MP2A	X	-1.479	-1.479	0	%100
12	MP2A	Z	2.563	2.563	0	%100
13	MP1A	X	-1.479	-1.479	0	%100
14	MP1A	Z	2.563	2.563	0	%100
15	M43	X	-1.023	-1.023	0	%100
16	M43	Z	1.772	1.772	0	%100
17	M46	X	-1.601	-1.601	0	%100
18	M46	Z	2.773	2.773	0	%100
19	M51B	X	-1.186	-1.186	0	%100
20	M51B	Z	2.055	2.055	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.525	-.525	0	%100
24	M76	Z	.909	.909	0	%100
25	M77	X	-1.598	-1.598	0	%100
26	M77	Z	2.769	2.769	0	%100
27	M80	X	-1.668	-1.668	0	%100
28	M80	Z	2.89	2.89	0	%100
29	M84	X	-.525	-.525	0	%100
30	M84	Z	.909	.909	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k...	Start Location[ft,%]	End Location[ft,%]
34	M91	Z	0	0	0	%100
35	M100	X	-1.002	-1.002	0	%100
36	M100	Z	1.736	1.736	0	%100
37	M123	X	-.915	-.915	0	%100
38	M123	Z	1.585	1.585	0	%100
39	M128	X	-1.014	-1.014	0	%100
40	M128	Z	1.756	1.756	0	%100
41	M43A	X	-1.244	-1.244	0	%100
42	M43A	Z	2.154	2.154	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	-.418	-.418	0	%100
46	M45B	Z	.724	.724	0	%100
47	M46A	X	-1.023	-1.023	0	%100
48	M46A	Z	1.772	1.772	0	%100
49	M47	X	-1.023	-1.023	0	%100
50	M47	Z	1.772	1.772	0	%100
51	M48	X	-1.601	-1.601	0	%100
52	M48	Z	2.773	2.773	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	-1.186	-1.186	0	%100
56	M50A	Z	2.055	2.055	0	%100
57	M54	X	-.525	-.525	0	%100
58	M54	Z	.909	.909	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	M59A	X	-.525	-.525	0	%100
64	M59A	Z	.909	.909	0	%100
65	M60	X	-1.598	-1.598	0	%100
66	M60	Z	2.769	2.769	0	%100
67	M62	X	-1.668	-1.668	0	%100
68	M62	Z	2.89	2.89	0	%100
69	M67	X	-1.014	-1.014	0	%100
70	M67	Z	1.756	1.756	0	%100
71	M70	X	-1.673	-1.673	0	%100
72	M70	Z	2.897	2.897	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	0	0	0	%100
79	M74	X	-1.186	-1.186	0	%100
80	M74	Z	2.055	2.055	0	%100
81	M75	X	-1.186	-1.186	0	%100
82	M75	Z	2.055	2.055	0	%100
83	M79A	X	-2.1	-2.1	0	%100
84	M79A	Z	3.637	3.637	0	%100
85	M80A	X	-1.598	-1.598	0	%100
86	M80A	Z	2.769	2.769	0	%100
87	M82	X	-1.668	-1.668	0	%100
88	M82	Z	2.89	2.89	0	%100
89	M84A	X	-2.1	-2.1	0	%100
90	M84A	Z	3.637	3.637	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
91	M85A	X	-1.598	-1.598	0	%100
92	M85A	Z	2.769	2.769	0	%100
93	M87	X	-1.668	-1.668	0	%100
94	M87	Z	2.89	2.89	0	%100
95	M92A	X	-1.747	-1.747	0	%100
96	M92A	Z	3.025	3.025	0	%100
97	M95	X	-1.002	-1.002	0	%100
98	M95	Z	1.736	1.736	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	0	0	0	%100
101	M99	X	-.915	-.915	0	%100
102	M99	Z	1.585	1.585	0	%100
103	M102A	X	0	0	0	%100
104	M102A	Z	0	0	0	%100
105	MP3C	X	-1.479	-1.479	0	%100
106	MP3C	Z	2.563	2.563	0	%100
107	MP5C	X	-1.479	-1.479	0	%100
108	MP5C	Z	2.563	2.563	0	%100
109	MP2C	X	-1.479	-1.479	0	%100
110	MP2C	Z	2.563	2.563	0	%100
111	MP1C	X	-1.479	-1.479	0	%100
112	MP1C	Z	2.563	2.563	0	%100
113	MP3B	X	-1.479	-1.479	0	%100
114	MP3B	Z	2.563	2.563	0	%100
115	MP5B	X	-1.479	-1.479	0	%100
116	MP5B	Z	2.563	2.563	0	%100
117	MP2B	X	-1.479	-1.479	0	%100
118	MP2B	Z	2.563	2.563	0	%100
119	MP1B	X	-1.479	-1.479	0	%100
120	MP1B	Z	2.563	2.563	0	%100
121	MP4C	X	-1.324	-1.324	0	%100
122	MP4C	Z	2.294	2.294	0	%100
123	MP4B	X	-1.324	-1.324	0	%100
124	MP4B	Z	2.294	2.294	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.718	-.718	0	%100
2	M1	Z	.415	.415	0	%100
3	M4	X	-2.173	-2.173	0	%100
4	M4	Z	1.255	1.255	0	%100
5	M10	X	-.591	-.591	0	%100
6	M10	Z	.341	.341	0	%100
7	MP3A	X	-2.563	-2.563	0	%100
8	MP3A	Z	1.479	1.479	0	%100
9	MP4A	X	-2.563	-2.563	0	%100
10	MP4A	Z	1.479	1.479	0	%100
11	MP2A	X	-2.563	-2.563	0	%100
12	MP2A	Z	1.479	1.479	0	%100
13	MP1A	X	-2.563	-2.563	0	%100
14	MP1A	Z	1.479	1.479	0	%100
15	M43	X	-.591	-.591	0	%100
16	M43	Z	.341	.341	0	%100
17	M46	X	-.924	-.924	0	%100
18	M46	Z	.534	.534	0	%100
19	M51B	X	-2.739	-2.739	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k...	Start Location[ft,%]	End Location[ft,%]
20	M51B	Z	1.582	1.582	0	%100
21	M52B	X	-.685	-.685	0	%100
22	M52B	Z	.395	.395	0	%100
23	M76	X	-2.727	-2.727	0	%100
24	M76	Z	1.575	1.575	0	%100
25	M77	X	-3.692	-3.692	0	%100
26	M77	Z	2.131	2.131	0	%100
27	M80	X	-3.853	-3.853	0	%100
28	M80	Z	2.224	2.224	0	%100
29	M84	X	-2.727	-2.727	0	%100
30	M84	Z	1.575	1.575	0	%100
31	M85	X	-.923	-.923	0	%100
32	M85	Z	.533	.533	0	%100
33	M91	X	-.963	-.963	0	%100
34	M91	Z	.556	.556	0	%100
35	M100	X	-.579	-.579	0	%100
36	M100	Z	.334	.334	0	%100
37	M123	X	-.528	-.528	0	%100
38	M123	Z	.305	.305	0	%100
39	M128	X	-2.602	-2.602	0	%100
40	M128	Z	1.502	1.502	0	%100
41	M43A	X	-2.872	-2.872	0	%100
42	M43A	Z	1.658	1.658	0	%100
43	M44	X	-.718	-.718	0	%100
44	M44	Z	.415	.415	0	%100
45	M45B	X	0	0	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	X	-2.363	-2.363	0	%100
48	M46A	Z	1.364	1.364	0	%100
49	M47	X	-2.363	-2.363	0	%100
50	M47	Z	1.364	1.364	0	%100
51	M48	X	-3.697	-3.697	0	%100
52	M48	Z	2.135	2.135	0	%100
53	M49	X	-.685	-.685	0	%100
54	M49	Z	.395	.395	0	%100
55	M50A	X	-.685	-.685	0	%100
56	M50A	Z	.395	.395	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-.923	-.923	0	%100
60	M55	Z	.533	.533	0	%100
61	M57	X	-.963	-.963	0	%100
62	M57	Z	.556	.556	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	-.923	-.923	0	%100
66	M60	Z	.533	.533	0	%100
67	M62	X	-.963	-.963	0	%100
68	M62	Z	.556	.556	0	%100
69	M67	X	-1.333	-1.333	0	%100
70	M67	Z	.77	.77	0	%100
71	M70	X	-2.173	-2.173	0	%100
72	M70	Z	1.255	1.255	0	%100
73	M71	X	-.591	-.591	0	%100
74	M71	Z	.341	.341	0	%100
75	M72	X	-.591	-.591	0	%100
76	M72	Z	.341	.341	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
77	M73	X	-.924	-.924	0	%100
78	M73	Z	.534	.534	0	%100
79	M74	X	-.685	-.685	0	%100
80	M74	Z	.395	.395	0	%100
81	M75	X	-2.739	-2.739	0	%100
82	M75	Z	1.582	1.582	0	%100
83	M79A	X	-2.727	-2.727	0	%100
84	M79A	Z	1.575	1.575	0	%100
85	M80A	X	-.923	-.923	0	%100
86	M80A	Z	.533	.533	0	%100
87	M82	X	-.963	-.963	0	%100
88	M82	Z	.556	.556	0	%100
89	M84A	X	-2.727	-2.727	0	%100
90	M84A	Z	1.575	1.575	0	%100
91	M85A	X	-3.692	-3.692	0	%100
92	M85A	Z	2.131	2.131	0	%100
93	M87	X	-3.853	-3.853	0	%100
94	M87	Z	2.224	2.224	0	%100
95	M92A	X	-2.602	-2.602	0	%100
96	M92A	Z	1.502	1.502	0	%100
97	M95	X	-2.315	-2.315	0	%100
98	M95	Z	1.336	1.336	0	%100
99	M96	X	-.579	-.579	0	%100
100	M96	Z	.334	.334	0	%100
101	M99	X	-2.113	-2.113	0	%100
102	M99	Z	1.22	1.22	0	%100
103	M102A	X	-.528	-.528	0	%100
104	M102A	Z	.305	.305	0	%100
105	MP3C	X	-2.563	-2.563	0	%100
106	MP3C	Z	1.479	1.479	0	%100
107	MP5C	X	-2.563	-2.563	0	%100
108	MP5C	Z	1.479	1.479	0	%100
109	MP2C	X	-2.563	-2.563	0	%100
110	MP2C	Z	1.479	1.479	0	%100
111	MP1C	X	-2.563	-2.563	0	%100
112	MP1C	Z	1.479	1.479	0	%100
113	MP3B	X	-2.563	-2.563	0	%100
114	MP3B	Z	1.479	1.479	0	%100
115	MP5B	X	-2.563	-2.563	0	%100
116	MP5B	Z	1.479	1.479	0	%100
117	MP2B	X	-2.563	-2.563	0	%100
118	MP2B	Z	1.479	1.479	0	%100
119	MP1B	X	-2.563	-2.563	0	%100
120	MP1B	Z	1.479	1.479	0	%100
121	MP4C	X	-2.294	-2.294	0	%100
122	MP4C	Z	1.324	1.324	0	%100
123	MP4B	X	-2.294	-2.294	0	%100
124	MP4B	Z	1.324	1.324	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-3.346	-3.346	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
6	M10	Z	0	0	0	%100
7	MP3A	X	-2.959	-2.959	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-2.959	-2.959	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-2.959	-2.959	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-2.959	-2.959	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-2.372	-2.372	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-2.372	-2.372	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-4.199	-4.199	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-3.197	-3.197	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-3.337	-3.337	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-4.199	-4.199	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-3.197	-3.197	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-3.337	-3.337	0	%100
34	M91	Z	0	0	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	0	0	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	0	0	0	%100
39	M128	X	-3.493	-3.493	0	%100
40	M128	Z	0	0	0	%100
41	M43A	X	-2.487	-2.487	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	-2.487	-2.487	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	-.836	-.836	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	X	-2.046	-2.046	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	-2.046	-2.046	0	%100
50	M47	Z	0	0	0	%100
51	M48	X	-3.202	-3.202	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	-2.372	-2.372	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	0	0	0	%100
57	M54	X	-1.05	-1.05	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-3.197	-3.197	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	-3.337	-3.337	0	%100
62	M57	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
63	M59A	X	-1.05	-1.05	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	0	0	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M67	X	-2.028	-2.028	0	%100
70	M67	Z	0	0	0	%100
71	M70	X	-.836	-.836	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	-2.046	-2.046	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	-2.046	-2.046	0	%100
76	M72	Z	0	0	0	%100
77	M73	X	-3.202	-3.202	0	%100
78	M73	Z	0	0	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	0	0	0	%100
81	M75	X	-2.372	-2.372	0	%100
82	M75	Z	0	0	0	%100
83	M79A	X	-1.05	-1.05	0	%100
84	M79A	Z	0	0	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	0	0	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	0	0	0	%100
89	M84A	X	-1.05	-1.05	0	%100
90	M84A	Z	0	0	0	%100
91	M85A	X	-3.197	-3.197	0	%100
92	M85A	Z	0	0	0	%100
93	M87	X	-3.337	-3.337	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	-2.028	-2.028	0	%100
96	M92A	Z	0	0	0	%100
97	M95	X	-2.005	-2.005	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	-2.005	-2.005	0	%100
100	M96	Z	0	0	0	%100
101	M99	X	-1.83	-1.83	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	-1.83	-1.83	0	%100
104	M102A	Z	0	0	0	%100
105	MP3C	X	-2.959	-2.959	0	%100
106	MP3C	Z	0	0	0	%100
107	MP5C	X	-2.959	-2.959	0	%100
108	MP5C	Z	0	0	0	%100
109	MP2C	X	-2.959	-2.959	0	%100
110	MP2C	Z	0	0	0	%100
111	MP1C	X	-2.959	-2.959	0	%100
112	MP1C	Z	0	0	0	%100
113	MP3B	X	-2.959	-2.959	0	%100
114	MP3B	Z	0	0	0	%100
115	MP5B	X	-2.959	-2.959	0	%100
116	MP5B	Z	0	0	0	%100
117	MP2B	X	-2.959	-2.959	0	%100
118	MP2B	Z	0	0	0	%100
119	MP1B	X	-2.959	-2.959	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
120	MP1B	Z	0	0	0	%100
121	MP4C	X	-2.648	-2.648	0	%100
122	MP4C	Z	0	0	0	%100
123	MP4B	X	-2.648	-2.648	0	%100
124	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.718	-.718	0	%100
2	M1	Z	-.415	-.415	0	%100
3	M4	X	-2.173	-2.173	0	%100
4	M4	Z	-1.255	-1.255	0	%100
5	M10	X	-.591	-.591	0	%100
6	M10	Z	-.341	-.341	0	%100
7	MP3A	X	-2.563	-2.563	0	%100
8	MP3A	Z	-1.479	-1.479	0	%100
9	MP4A	X	-2.563	-2.563	0	%100
10	MP4A	Z	-1.479	-1.479	0	%100
11	MP2A	X	-2.563	-2.563	0	%100
12	MP2A	Z	-1.479	-1.479	0	%100
13	MP1A	X	-2.563	-2.563	0	%100
14	MP1A	Z	-1.479	-1.479	0	%100
15	M43	X	-.591	-.591	0	%100
16	M43	Z	-.341	-.341	0	%100
17	M46	X	-.924	-.924	0	%100
18	M46	Z	-.534	-.534	0	%100
19	M51B	X	-.685	-.685	0	%100
20	M51B	Z	-.395	-.395	0	%100
21	M52B	X	-2.739	-2.739	0	%100
22	M52B	Z	-1.582	-1.582	0	%100
23	M76	X	-2.727	-2.727	0	%100
24	M76	Z	-1.575	-1.575	0	%100
25	M77	X	-.923	-.923	0	%100
26	M77	Z	-.533	-.533	0	%100
27	M80	X	-.963	-.963	0	%100
28	M80	Z	-.556	-.556	0	%100
29	M84	X	-2.727	-2.727	0	%100
30	M84	Z	-1.575	-1.575	0	%100
31	M85	X	-3.692	-3.692	0	%100
32	M85	Z	-2.131	-2.131	0	%100
33	M91	X	-3.853	-3.853	0	%100
34	M91	Z	-2.224	-2.224	0	%100
35	M100	X	-.579	-.579	0	%100
36	M100	Z	-.334	-.334	0	%100
37	M123	X	-.528	-.528	0	%100
38	M123	Z	-.305	-.305	0	%100
39	M128	X	-2.602	-2.602	0	%100
40	M128	Z	-1.502	-1.502	0	%100
41	M43A	X	-.718	-.718	0	%100
42	M43A	Z	-.415	-.415	0	%100
43	M44	X	-2.872	-2.872	0	%100
44	M44	Z	-1.658	-1.658	0	%100
45	M45B	X	-2.173	-2.173	0	%100
46	M45B	Z	-1.255	-1.255	0	%100
47	M46A	X	-.591	-.591	0	%100
48	M46A	Z	-.341	-.341	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
49	M47	X	-.591	-.591	0	%100
50	M47	Z	-.341	-.341	0	%100
51	M48	X	-.924	-.924	0	%100
52	M48	Z	-.534	-.534	0	%100
53	M49	X	-2.739	-2.739	0	%100
54	M49	Z	-1.582	-1.582	0	%100
55	M50A	X	-.685	-.685	0	%100
56	M50A	Z	-.395	-.395	0	%100
57	M54	X	-2.727	-2.727	0	%100
58	M54	Z	-1.575	-1.575	0	%100
59	M55	X	-3.692	-3.692	0	%100
60	M55	Z	-2.131	-2.131	0	%100
61	M57	X	-3.853	-3.853	0	%100
62	M57	Z	-2.224	-2.224	0	%100
63	M59A	X	-2.727	-2.727	0	%100
64	M59A	Z	-1.575	-1.575	0	%100
65	M60	X	-.923	-.923	0	%100
66	M60	Z	-.533	-.533	0	%100
67	M62	X	-.963	-.963	0	%100
68	M62	Z	-.556	-.556	0	%100
69	M67	X	-2.602	-2.602	0	%100
70	M67	Z	-1.502	-1.502	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	-2.363	-2.363	0	%100
74	M71	Z	-1.364	-1.364	0	%100
75	M72	X	-2.363	-2.363	0	%100
76	M72	Z	-1.364	-1.364	0	%100
77	M73	X	-3.697	-3.697	0	%100
78	M73	Z	-2.135	-2.135	0	%100
79	M74	X	-.685	-.685	0	%100
80	M74	Z	-.395	-.395	0	%100
81	M75	X	-.685	-.685	0	%100
82	M75	Z	-.395	-.395	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	0	0	0	%100
85	M80A	X	-.923	-.923	0	%100
86	M80A	Z	-.533	-.533	0	%100
87	M82	X	-.963	-.963	0	%100
88	M82	Z	-.556	-.556	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	0	0	0	%100
91	M85A	X	-.923	-.923	0	%100
92	M85A	Z	-.533	-.533	0	%100
93	M87	X	-.963	-.963	0	%100
94	M87	Z	-.556	-.556	0	%100
95	M92A	X	-1.333	-1.333	0	%100
96	M92A	Z	-.77	-.77	0	%100
97	M95	X	-.579	-.579	0	%100
98	M95	Z	-.334	-.334	0	%100
99	M96	X	-2.315	-2.315	0	%100
100	M96	Z	-1.336	-1.336	0	%100
101	M99	X	-.528	-.528	0	%100
102	M99	Z	-.305	-.305	0	%100
103	M102A	X	-2.113	-2.113	0	%100
104	M102A	Z	-1.22	-1.22	0	%100
105	MP3C	X	-2.563	-2.563	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
106	MP3C	Z	-1.479	-1.479	0	%100
107	MP5C	X	-2.563	-2.563	0	%100
108	MP5C	Z	-1.479	-1.479	0	%100
109	MP2C	X	-2.563	-2.563	0	%100
110	MP2C	Z	-1.479	-1.479	0	%100
111	MP1C	X	-2.563	-2.563	0	%100
112	MP1C	Z	-1.479	-1.479	0	%100
113	MP3B	X	-2.563	-2.563	0	%100
114	MP3B	Z	-1.479	-1.479	0	%100
115	MP5B	X	-2.563	-2.563	0	%100
116	MP5B	Z	-1.479	-1.479	0	%100
117	MP2B	X	-2.563	-2.563	0	%100
118	MP2B	Z	-1.479	-1.479	0	%100
119	MP1B	X	-2.563	-2.563	0	%100
120	MP1B	Z	-1.479	-1.479	0	%100
121	MP4C	X	-2.294	-2.294	0	%100
122	MP4C	Z	-1.324	-1.324	0	%100
123	MP4B	X	-2.294	-2.294	0	%100
124	MP4B	Z	-1.324	-1.324	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.244	-1.244	0	%100
2	M1	Z	-2.154	-2.154	0	%100
3	M4	X	-.418	-.418	0	%100
4	M4	Z	-.724	-.724	0	%100
5	M10	X	-1.023	-1.023	0	%100
6	M10	Z	-1.772	-1.772	0	%100
7	MP3A	X	-1.479	-1.479	0	%100
8	MP3A	Z	-2.563	-2.563	0	%100
9	MP4A	X	-1.479	-1.479	0	%100
10	MP4A	Z	-2.563	-2.563	0	%100
11	MP2A	X	-1.479	-1.479	0	%100
12	MP2A	Z	-2.563	-2.563	0	%100
13	MP1A	X	-1.479	-1.479	0	%100
14	MP1A	Z	-2.563	-2.563	0	%100
15	M43	X	-1.023	-1.023	0	%100
16	M43	Z	-1.772	-1.772	0	%100
17	M46	X	-1.601	-1.601	0	%100
18	M46	Z	-2.773	-2.773	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-1.186	-1.186	0	%100
22	M52B	Z	-2.055	-2.055	0	%100
23	M76	X	-.525	-.525	0	%100
24	M76	Z	-.909	-.909	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-.525	-.525	0	%100
30	M84	Z	-.909	-.909	0	%100
31	M85	X	-1.598	-1.598	0	%100
32	M85	Z	-2.769	-2.769	0	%100
33	M91	X	-1.668	-1.668	0	%100
34	M91	Z	-2.89	-2.89	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
35	M100	X	-1.002	-1.002	0	%100
36	M100	Z	-1.736	-1.736	0	%100
37	M123	X	-.915	-.915	0	%100
38	M123	Z	-1.585	-1.585	0	%100
39	M128	X	-1.014	-1.014	0	%100
40	M128	Z	-1.756	-1.756	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	-1.244	-1.244	0	%100
44	M44	Z	-2.154	-2.154	0	%100
45	M45B	X	-1.673	-1.673	0	%100
46	M45B	Z	-2.897	-2.897	0	%100
47	M46A	X	0	0	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	0	0	0	%100
50	M47	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	-1.186	-1.186	0	%100
54	M49	Z	-2.055	-2.055	0	%100
55	M50A	X	-1.186	-1.186	0	%100
56	M50A	Z	-2.055	-2.055	0	%100
57	M54	X	-2.1	-2.1	0	%100
58	M54	Z	-3.637	-3.637	0	%100
59	M55	X	-1.598	-1.598	0	%100
60	M55	Z	-2.769	-2.769	0	%100
61	M57	X	-1.668	-1.668	0	%100
62	M57	Z	-2.89	-2.89	0	%100
63	M59A	X	-2.1	-2.1	0	%100
64	M59A	Z	-3.637	-3.637	0	%100
65	M60	X	-1.598	-1.598	0	%100
66	M60	Z	-2.769	-2.769	0	%100
67	M62	X	-1.668	-1.668	0	%100
68	M62	Z	-2.89	-2.89	0	%100
69	M67	X	-1.747	-1.747	0	%100
70	M67	Z	-3.025	-3.025	0	%100
71	M70	X	-.418	-.418	0	%100
72	M70	Z	-.724	-.724	0	%100
73	M71	X	-1.023	-1.023	0	%100
74	M71	Z	-1.772	-1.772	0	%100
75	M72	X	-1.023	-1.023	0	%100
76	M72	Z	-1.772	-1.772	0	%100
77	M73	X	-1.601	-1.601	0	%100
78	M73	Z	-2.773	-2.773	0	%100
79	M74	X	-1.186	-1.186	0	%100
80	M74	Z	-2.055	-2.055	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	0	0	0	%100
83	M79A	X	-.525	-.525	0	%100
84	M79A	Z	-.909	-.909	0	%100
85	M80A	X	-1.598	-1.598	0	%100
86	M80A	Z	-2.769	-2.769	0	%100
87	M82	X	-1.668	-1.668	0	%100
88	M82	Z	-2.89	-2.89	0	%100
89	M84A	X	-.525	-.525	0	%100
90	M84A	Z	-.909	-.909	0	%100
91	M85A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
92	M85A	Z	0	0	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	-1.014	-1.014	0	%100
96	M92A	Z	-1.756	-1.756	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	-1.002	-1.002	0	%100
100	M96	Z	-1.736	-1.736	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	-.915	-.915	0	%100
104	M102A	Z	-1.585	-1.585	0	%100
105	MP3C	X	-1.479	-1.479	0	%100
106	MP3C	Z	-2.563	-2.563	0	%100
107	MP5C	X	-1.479	-1.479	0	%100
108	MP5C	Z	-2.563	-2.563	0	%100
109	MP2C	X	-1.479	-1.479	0	%100
110	MP2C	Z	-2.563	-2.563	0	%100
111	MP1C	X	-1.479	-1.479	0	%100
112	MP1C	Z	-2.563	-2.563	0	%100
113	MP3B	X	-1.479	-1.479	0	%100
114	MP3B	Z	-2.563	-2.563	0	%100
115	MP5B	X	-1.479	-1.479	0	%100
116	MP5B	Z	-2.563	-2.563	0	%100
117	MP2B	X	-1.479	-1.479	0	%100
118	MP2B	Z	-2.563	-2.563	0	%100
119	MP1B	X	-1.479	-1.479	0	%100
120	MP1B	Z	-2.563	-2.563	0	%100
121	MP4C	X	-1.324	-1.324	0	%100
122	MP4C	Z	-2.294	-2.294	0	%100
123	MP4B	X	-1.324	-1.324	0	%100
124	MP4B	Z	-2.294	-2.294	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-.721	-.721	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-.62	-.62	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-.592	-.592	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-.592	-.592	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-.592	-.592	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-.592	-.592	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-.62	-.62	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-1.236	-1.236	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-.172	-.172	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k...	Start Location[ft,%]	End Location[ft,%]
21	M52B	X	0	0	0	%100
22	M52B	Z	-.172	-.172	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-.315	-.315	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-.331	-.331	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-.315	-.315	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-.331	-.331	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	-.489	-.489	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	-.572	-.572	0	%100
39	M128	X	0	0	0	%100
40	M128	Z	-.417	-.417	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	-.18	-.18	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	-.18	-.18	0	%100
45	M45B	X	0	0	0	%100
46	M45B	Z	-.548	-.548	0	%100
47	M46A	X	0	0	0	%100
48	M46A	Z	-.155	-.155	0	%100
49	M47	X	0	0	0	%100
50	M47	Z	-.155	-.155	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-.309	-.309	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	-.172	-.172	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	-.686	-.686	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	-.927	-.927	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	-.315	-.315	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	-.331	-.331	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	-.927	-.927	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	-1.259	-1.259	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	-1.326	-1.326	0	%100
69	M67	X	0	0	0	%100
70	M67	Z	-.706	-.706	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	-.548	-.548	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	-.155	-.155	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-.155	-.155	0	%100
77	M73	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
78	M73	Z	-.309	-.309	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	-.686	-.686	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	-.172	-.172	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	-.927	-.927	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	-1.259	-1.259	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	-1.326	-1.326	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	-.927	-.927	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	-.315	-.315	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	-.331	-.331	0	%100
95	M92A	X	0	0	0	%100
96	M92A	Z	-.706	-.706	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	-.122	-.122	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	-.122	-.122	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	-.143	-.143	0	%100
103	M102A	X	0	0	0	%100
104	M102A	Z	-.143	-.143	0	%100
105	MP3C	X	0	0	0	%100
106	MP3C	Z	-.592	-.592	0	%100
107	MP5C	X	0	0	0	%100
108	MP5C	Z	-.592	-.592	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	-.592	-.592	0	%100
111	MP1C	X	0	0	0	%100
112	MP1C	Z	-.592	-.592	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	-.592	-.592	0	%100
115	MP5B	X	0	0	0	%100
116	MP5B	Z	-.592	-.592	0	%100
117	MP2B	X	0	0	0	%100
118	MP2B	Z	-.592	-.592	0	%100
119	MP1B	X	0	0	0	%100
120	MP1B	Z	-.592	-.592	0	%100
121	MP4C	X	0	0	0	%100
122	MP4C	Z	-.509	-.509	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	-.509	-.509	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.27	.27	0	%100
2	M1	Z	-.468	-.468	0	%100
3	M4	X	.091	.091	0	%100
4	M4	Z	-.158	-.158	0	%100
5	M10	X	.232	.232	0	%100
6	M10	Z	-.402	-.402	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
7	MP3A	X	.296	.296	0	%100
8	MP3A	Z	-.513	-.513	0	%100
9	MP4A	X	.296	.296	0	%100
10	MP4A	Z	-.513	-.513	0	%100
11	MP2A	X	.296	.296	0	%100
12	MP2A	Z	-.513	-.513	0	%100
13	MP1A	X	.296	.296	0	%100
14	MP1A	Z	-.513	-.513	0	%100
15	M43	X	.232	.232	0	%100
16	M43	Z	-.402	-.402	0	%100
17	M46	X	.463	.463	0	%100
18	M46	Z	-.803	-.803	0	%100
19	M51B	X	.257	.257	0	%100
20	M51B	Z	-.446	-.446	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	.154	.154	0	%100
24	M76	Z	-.268	-.268	0	%100
25	M77	X	.472	.472	0	%100
26	M77	Z	-.817	-.817	0	%100
27	M80	X	.497	.497	0	%100
28	M80	Z	-.861	-.861	0	%100
29	M84	X	.154	.154	0	%100
30	M84	Z	-.268	-.268	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M100	X	.183	.183	0	%100
36	M100	Z	-.318	-.318	0	%100
37	M123	X	.214	.214	0	%100
38	M123	Z	-.371	-.371	0	%100
39	M128	X	.257	.257	0	%100
40	M128	Z	-.444	-.444	0	%100
41	M43A	X	.27	.27	0	%100
42	M43A	Z	-.468	-.468	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	.091	.091	0	%100
46	M45B	Z	-.158	-.158	0	%100
47	M46A	X	.232	.232	0	%100
48	M46A	Z	-.402	-.402	0	%100
49	M47	X	.232	.232	0	%100
50	M47	Z	-.402	-.402	0	%100
51	M48	X	.463	.463	0	%100
52	M48	Z	-.803	-.803	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	.257	.257	0	%100
56	M50A	Z	-.446	-.446	0	%100
57	M54	X	.154	.154	0	%100
58	M54	Z	-.268	-.268	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	M59A	X	.154	.154	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
64	M59A	Z	-.268	-.268	0	%100
65	M60	X	.472	.472	0	%100
66	M60	Z	-.817	-.817	0	%100
67	M62	X	.497	.497	0	%100
68	M62	Z	-.861	-.861	0	%100
69	M67	X	.257	.257	0	%100
70	M67	Z	-.444	-.444	0	%100
71	M70	X	.366	.366	0	%100
72	M70	Z	-.633	-.633	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	0	0	0	%100
79	M74	X	.257	.257	0	%100
80	M74	Z	-.446	-.446	0	%100
81	M75	X	.257	.257	0	%100
82	M75	Z	-.446	-.446	0	%100
83	M79A	X	.618	.618	0	%100
84	M79A	Z	-1.07	-1.07	0	%100
85	M80A	X	.472	.472	0	%100
86	M80A	Z	-.817	-.817	0	%100
87	M82	X	.497	.497	0	%100
88	M82	Z	-.861	-.861	0	%100
89	M84A	X	.618	.618	0	%100
90	M84A	Z	-1.07	-1.07	0	%100
91	M85A	X	.472	.472	0	%100
92	M85A	Z	-.817	-.817	0	%100
93	M87	X	.497	.497	0	%100
94	M87	Z	-.861	-.861	0	%100
95	M92A	X	.401	.401	0	%100
96	M92A	Z	-.695	-.695	0	%100
97	M95	X	.183	.183	0	%100
98	M95	Z	-.318	-.318	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	0	0	0	%100
101	M99	X	.214	.214	0	%100
102	M99	Z	-.371	-.371	0	%100
103	M102A	X	0	0	0	%100
104	M102A	Z	0	0	0	%100
105	MP3C	X	.296	.296	0	%100
106	MP3C	Z	-.513	-.513	0	%100
107	MP5C	X	.296	.296	0	%100
108	MP5C	Z	-.513	-.513	0	%100
109	MP2C	X	.296	.296	0	%100
110	MP2C	Z	-.513	-.513	0	%100
111	MP1C	X	.296	.296	0	%100
112	MP1C	Z	-.513	-.513	0	%100
113	MP3B	X	.296	.296	0	%100
114	MP3B	Z	-.513	-.513	0	%100
115	MP5B	X	.296	.296	0	%100
116	MP5B	Z	-.513	-.513	0	%100
117	MP2B	X	.296	.296	0	%100
118	MP2B	Z	-.513	-.513	0	%100
119	MP1B	X	.296	.296	0	%100
120	MP1B	Z	-.513	-.513	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
121	MP4C	X	.254	.254	0	%100
122	MP4C	Z	-.441	-.441	0	%100
123	MP4B	X	.254	.254	0	%100
124	MP4B	Z	-.441	-.441	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.156	.156	0	%100
2	M1	Z	-.09	-.09	0	%100
3	M4	X	.475	.475	0	%100
4	M4	Z	-.274	-.274	0	%100
5	M10	X	.134	.134	0	%100
6	M10	Z	-.077	-.077	0	%100
7	MP3A	X	.513	.513	0	%100
8	MP3A	Z	-.296	-.296	0	%100
9	MP4A	X	.513	.513	0	%100
10	MP4A	Z	-.296	-.296	0	%100
11	MP2A	X	.513	.513	0	%100
12	MP2A	Z	-.296	-.296	0	%100
13	MP1A	X	.513	.513	0	%100
14	MP1A	Z	-.296	-.296	0	%100
15	M43	X	.134	.134	0	%100
16	M43	Z	-.077	-.077	0	%100
17	M46	X	.268	.268	0	%100
18	M46	Z	-.154	-.154	0	%100
19	M51B	X	.595	.595	0	%100
20	M51B	Z	-.343	-.343	0	%100
21	M52B	X	.149	.149	0	%100
22	M52B	Z	-.086	-.086	0	%100
23	M76	X	.803	.803	0	%100
24	M76	Z	-.463	-.463	0	%100
25	M77	X	1.09	1.09	0	%100
26	M77	Z	-.629	-.629	0	%100
27	M80	X	1.148	1.148	0	%100
28	M80	Z	-.663	-.663	0	%100
29	M84	X	.803	.803	0	%100
30	M84	Z	-.463	-.463	0	%100
31	M85	X	.272	.272	0	%100
32	M85	Z	-.157	-.157	0	%100
33	M91	X	.287	.287	0	%100
34	M91	Z	-.166	-.166	0	%100
35	M100	X	.106	.106	0	%100
36	M100	Z	-.061	-.061	0	%100
37	M123	X	.124	.124	0	%100
38	M123	Z	-.071	-.071	0	%100
39	M128	X	.611	.611	0	%100
40	M128	Z	-.353	-.353	0	%100
41	M43A	X	.624	.624	0	%100
42	M43A	Z	-.36	-.36	0	%100
43	M44	X	.156	.156	0	%100
44	M44	Z	-.09	-.09	0	%100
45	M45B	X	0	0	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	X	.537	.537	0	%100
48	M46A	Z	-.31	-.31	0	%100
49	M47	X	.537	.537	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
50	M47	Z	-.31	-.31	0	%100
51	M48	X	1.07	1.07	0	%100
52	M48	Z	-.618	-.618	0	%100
53	M49	X	.149	.149	0	%100
54	M49	Z	-.086	-.086	0	%100
55	M50A	X	.149	.149	0	%100
56	M50A	Z	-.086	-.086	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	.272	.272	0	%100
60	M55	Z	-.157	-.157	0	%100
61	M57	X	.287	.287	0	%100
62	M57	Z	-.166	-.166	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	.272	.272	0	%100
66	M60	Z	-.157	-.157	0	%100
67	M62	X	.287	.287	0	%100
68	M62	Z	-.166	-.166	0	%100
69	M67	X	.361	.361	0	%100
70	M67	Z	-.208	-.208	0	%100
71	M70	X	.475	.475	0	%100
72	M70	Z	-.274	-.274	0	%100
73	M71	X	.134	.134	0	%100
74	M71	Z	-.077	-.077	0	%100
75	M72	X	.134	.134	0	%100
76	M72	Z	-.077	-.077	0	%100
77	M73	X	.268	.268	0	%100
78	M73	Z	-.154	-.154	0	%100
79	M74	X	.149	.149	0	%100
80	M74	Z	-.086	-.086	0	%100
81	M75	X	.595	.595	0	%100
82	M75	Z	-.343	-.343	0	%100
83	M79A	X	.803	.803	0	%100
84	M79A	Z	-.463	-.463	0	%100
85	M80A	X	.272	.272	0	%100
86	M80A	Z	-.157	-.157	0	%100
87	M82	X	.287	.287	0	%100
88	M82	Z	-.166	-.166	0	%100
89	M84A	X	.803	.803	0	%100
90	M84A	Z	-.463	-.463	0	%100
91	M85A	X	1.09	1.09	0	%100
92	M85A	Z	-.629	-.629	0	%100
93	M87	X	1.148	1.148	0	%100
94	M87	Z	-.663	-.663	0	%100
95	M92A	X	.611	.611	0	%100
96	M92A	Z	-.353	-.353	0	%100
97	M95	X	.424	.424	0	%100
98	M95	Z	-.245	-.245	0	%100
99	M96	X	.106	.106	0	%100
100	M96	Z	-.061	-.061	0	%100
101	M99	X	.495	.495	0	%100
102	M99	Z	-.286	-.286	0	%100
103	M102A	X	.124	.124	0	%100
104	M102A	Z	-.071	-.071	0	%100
105	MP3C	X	.513	.513	0	%100
106	MP3C	Z	-.296	-.296	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
107	MP5C	X	.513	.513	0	%100
108	MP5C	Z	-.296	-.296	0	%100
109	MP2C	X	.513	.513	0	%100
110	MP2C	Z	-.296	-.296	0	%100
111	MP1C	X	.513	.513	0	%100
112	MP1C	Z	-.296	-.296	0	%100
113	MP3B	X	.513	.513	0	%100
114	MP3B	Z	-.296	-.296	0	%100
115	MP5B	X	.513	.513	0	%100
116	MP5B	Z	-.296	-.296	0	%100
117	MP2B	X	.513	.513	0	%100
118	MP2B	Z	-.296	-.296	0	%100
119	MP1B	X	.513	.513	0	%100
120	MP1B	Z	-.296	-.296	0	%100
121	MP4C	X	.441	.441	0	%100
122	MP4C	Z	-.254	-.254	0	%100
123	MP4B	X	.441	.441	0	%100
124	MP4B	Z	-.254	-.254	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	.731	.731	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	.592	.592	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	.592	.592	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	.592	.592	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	.592	.592	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	.515	.515	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.515	.515	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	1.236	1.236	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	.944	.944	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	.994	.994	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	1.236	1.236	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	.944	.944	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	.994	.994	0	%100
34	M91	Z	0	0	0	%100
35	M100	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
36	M100	Z	0	0	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	0	0	0	%100
39	M128	X	.802	.802	0	%100
40	M128	Z	0	0	0	%100
41	M43A	X	.541	.541	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	.541	.541	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	.183	.183	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	X	.465	.465	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	.465	.465	0	%100
50	M47	Z	0	0	0	%100
51	M48	X	.927	.927	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	.515	.515	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	0	0	0	%100
57	M54	X	.309	.309	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	.944	.944	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	.994	.994	0	%100
62	M57	Z	0	0	0	%100
63	M59A	X	.309	.309	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	0	0	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M67	X	.513	.513	0	%100
70	M67	Z	0	0	0	%100
71	M70	X	.183	.183	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	.465	.465	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	.465	.465	0	%100
76	M72	Z	0	0	0	%100
77	M73	X	.927	.927	0	%100
78	M73	Z	0	0	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	0	0	0	%100
81	M75	X	.515	.515	0	%100
82	M75	Z	0	0	0	%100
83	M79A	X	.309	.309	0	%100
84	M79A	Z	0	0	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	0	0	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	0	0	0	%100
89	M84A	X	.309	.309	0	%100
90	M84A	Z	0	0	0	%100
91	M85A	X	.944	.944	0	%100
92	M85A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
93	M87	X	.994	.994	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	.513	.513	0	%100
96	M92A	Z	0	0	0	%100
97	M95	X	.367	.367	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	.367	.367	0	%100
100	M96	Z	0	0	0	%100
101	M99	X	.429	.429	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	.429	.429	0	%100
104	M102A	Z	0	0	0	%100
105	MP3C	X	.592	.592	0	%100
106	MP3C	Z	0	0	0	%100
107	MP5C	X	.592	.592	0	%100
108	MP5C	Z	0	0	0	%100
109	MP2C	X	.592	.592	0	%100
110	MP2C	Z	0	0	0	%100
111	MP1C	X	.592	.592	0	%100
112	MP1C	Z	0	0	0	%100
113	MP3B	X	.592	.592	0	%100
114	MP3B	Z	0	0	0	%100
115	MP5B	X	.592	.592	0	%100
116	MP5B	Z	0	0	0	%100
117	MP2B	X	.592	.592	0	%100
118	MP2B	Z	0	0	0	%100
119	MP1B	X	.592	.592	0	%100
120	MP1B	Z	0	0	0	%100
121	MP4C	X	.509	.509	0	%100
122	MP4C	Z	0	0	0	%100
123	MP4B	X	.509	.509	0	%100
124	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.156	.156	0	%100
2	M1	Z	.09	.09	0	%100
3	M4	X	.475	.475	0	%100
4	M4	Z	.274	.274	0	%100
5	M10	X	.134	.134	0	%100
6	M10	Z	.077	.077	0	%100
7	MP3A	X	.513	.513	0	%100
8	MP3A	Z	.296	.296	0	%100
9	MP4A	X	.513	.513	0	%100
10	MP4A	Z	.296	.296	0	%100
11	MP2A	X	.513	.513	0	%100
12	MP2A	Z	.296	.296	0	%100
13	MP1A	X	.513	.513	0	%100
14	MP1A	Z	.296	.296	0	%100
15	M43	X	.134	.134	0	%100
16	M43	Z	.077	.077	0	%100
17	M46	X	.268	.268	0	%100
18	M46	Z	.154	.154	0	%100
19	M51B	X	.149	.149	0	%100
20	M51B	Z	.086	.086	0	%100
21	M52B	X	.595	.595	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
22	M52B	Z	.343	.343	0	%100
23	M76	X	.803	.803	0	%100
24	M76	Z	.463	.463	0	%100
25	M77	X	.272	.272	0	%100
26	M77	Z	.157	.157	0	%100
27	M80	X	.287	.287	0	%100
28	M80	Z	.166	.166	0	%100
29	M84	X	.803	.803	0	%100
30	M84	Z	.463	.463	0	%100
31	M85	X	1.09	1.09	0	%100
32	M85	Z	.629	.629	0	%100
33	M91	X	1.148	1.148	0	%100
34	M91	Z	.663	.663	0	%100
35	M100	X	.106	.106	0	%100
36	M100	Z	.061	.061	0	%100
37	M123	X	.124	.124	0	%100
38	M123	Z	.071	.071	0	%100
39	M128	X	.611	.611	0	%100
40	M128	Z	.353	.353	0	%100
41	M43A	X	.156	.156	0	%100
42	M43A	Z	.09	.09	0	%100
43	M44	X	.624	.624	0	%100
44	M44	Z	.36	.36	0	%100
45	M45B	X	.475	.475	0	%100
46	M45B	Z	.274	.274	0	%100
47	M46A	X	.134	.134	0	%100
48	M46A	Z	.077	.077	0	%100
49	M47	X	.134	.134	0	%100
50	M47	Z	.077	.077	0	%100
51	M48	X	.268	.268	0	%100
52	M48	Z	.154	.154	0	%100
53	M49	X	.595	.595	0	%100
54	M49	Z	.343	.343	0	%100
55	M50A	X	.149	.149	0	%100
56	M50A	Z	.086	.086	0	%100
57	M54	X	.803	.803	0	%100
58	M54	Z	.463	.463	0	%100
59	M55	X	1.09	1.09	0	%100
60	M55	Z	.629	.629	0	%100
61	M57	X	1.148	1.148	0	%100
62	M57	Z	.663	.663	0	%100
63	M59A	X	.803	.803	0	%100
64	M59A	Z	.463	.463	0	%100
65	M60	X	.272	.272	0	%100
66	M60	Z	.157	.157	0	%100
67	M62	X	.287	.287	0	%100
68	M62	Z	.166	.166	0	%100
69	M67	X	.611	.611	0	%100
70	M67	Z	.353	.353	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	.537	.537	0	%100
74	M71	Z	.31	.31	0	%100
75	M72	X	.537	.537	0	%100
76	M72	Z	.31	.31	0	%100
77	M73	X	1.07	1.07	0	%100
78	M73	Z	.618	.618	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
79	M74	X	.149	.149	0	%100
80	M74	Z	.086	.086	0	%100
81	M75	X	.149	.149	0	%100
82	M75	Z	.086	.086	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	0	0	0	%100
85	M80A	X	.272	.272	0	%100
86	M80A	Z	.157	.157	0	%100
87	M82	X	.287	.287	0	%100
88	M82	Z	.166	.166	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	0	0	0	%100
91	M85A	X	.272	.272	0	%100
92	M85A	Z	.157	.157	0	%100
93	M87	X	.287	.287	0	%100
94	M87	Z	.166	.166	0	%100
95	M92A	X	.361	.361	0	%100
96	M92A	Z	.208	.208	0	%100
97	M95	X	.106	.106	0	%100
98	M95	Z	.061	.061	0	%100
99	M96	X	.424	.424	0	%100
100	M96	Z	.245	.245	0	%100
101	M99	X	.124	.124	0	%100
102	M99	Z	.071	.071	0	%100
103	M102A	X	.495	.495	0	%100
104	M102A	Z	.286	.286	0	%100
105	MP3C	X	.513	.513	0	%100
106	MP3C	Z	.296	.296	0	%100
107	MP5C	X	.513	.513	0	%100
108	MP5C	Z	.296	.296	0	%100
109	MP2C	X	.513	.513	0	%100
110	MP2C	Z	.296	.296	0	%100
111	MP1C	X	.513	.513	0	%100
112	MP1C	Z	.296	.296	0	%100
113	MP3B	X	.513	.513	0	%100
114	MP3B	Z	.296	.296	0	%100
115	MP5B	X	.513	.513	0	%100
116	MP5B	Z	.296	.296	0	%100
117	MP2B	X	.513	.513	0	%100
118	MP2B	Z	.296	.296	0	%100
119	MP1B	X	.513	.513	0	%100
120	MP1B	Z	.296	.296	0	%100
121	MP4C	X	.441	.441	0	%100
122	MP4C	Z	.254	.254	0	%100
123	MP4B	X	.441	.441	0	%100
124	MP4B	Z	.254	.254	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.27	.27	0	%100
2	M1	Z	.468	.468	0	%100
3	M4	X	.091	.091	0	%100
4	M4	Z	.158	.158	0	%100
5	M10	X	.232	.232	0	%100
6	M10	Z	.402	.402	0	%100
7	MP3A	X	.296	.296	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k...	Start Location[ft,%]	End Location[ft,%]
8	MP3A	Z	.513	.513	0	%100
9	MP4A	X	.296	.296	0	%100
10	MP4A	Z	.513	.513	0	%100
11	MP2A	X	.296	.296	0	%100
12	MP2A	Z	.513	.513	0	%100
13	MP1A	X	.296	.296	0	%100
14	MP1A	Z	.513	.513	0	%100
15	M43	X	.232	.232	0	%100
16	M43	Z	.402	.402	0	%100
17	M46	X	.463	.463	0	%100
18	M46	Z	.803	.803	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.257	.257	0	%100
22	M52B	Z	.446	.446	0	%100
23	M76	X	.154	.154	0	%100
24	M76	Z	.268	.268	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	.154	.154	0	%100
30	M84	Z	.268	.268	0	%100
31	M85	X	.472	.472	0	%100
32	M85	Z	.817	.817	0	%100
33	M91	X	.497	.497	0	%100
34	M91	Z	.861	.861	0	%100
35	M100	X	.183	.183	0	%100
36	M100	Z	.318	.318	0	%100
37	M123	X	.214	.214	0	%100
38	M123	Z	.371	.371	0	%100
39	M128	X	.257	.257	0	%100
40	M128	Z	.444	.444	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	.27	.27	0	%100
44	M44	Z	.468	.468	0	%100
45	M45B	X	.366	.366	0	%100
46	M45B	Z	.633	.633	0	%100
47	M46A	X	0	0	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	0	0	0	%100
50	M47	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	.257	.257	0	%100
54	M49	Z	.446	.446	0	%100
55	M50A	X	.257	.257	0	%100
56	M50A	Z	.446	.446	0	%100
57	M54	X	.618	.618	0	%100
58	M54	Z	1.07	1.07	0	%100
59	M55	X	.472	.472	0	%100
60	M55	Z	.817	.817	0	%100
61	M57	X	.497	.497	0	%100
62	M57	Z	.861	.861	0	%100
63	M59A	X	.618	.618	0	%100
64	M59A	Z	1.07	1.07	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k...	Start Location[ft,%]	End Location[ft,%]
65	M60	X	.472	.472	0	%100
66	M60	Z	.817	.817	0	%100
67	M62	X	.497	.497	0	%100
68	M62	Z	.861	.861	0	%100
69	M67	X	.401	.401	0	%100
70	M67	Z	.695	.695	0	%100
71	M70	X	.091	.091	0	%100
72	M70	Z	.158	.158	0	%100
73	M71	X	.232	.232	0	%100
74	M71	Z	.402	.402	0	%100
75	M72	X	.232	.232	0	%100
76	M72	Z	.402	.402	0	%100
77	M73	X	.463	.463	0	%100
78	M73	Z	.803	.803	0	%100
79	M74	X	.257	.257	0	%100
80	M74	Z	.446	.446	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	0	0	0	%100
83	M79A	X	.154	.154	0	%100
84	M79A	Z	.268	.268	0	%100
85	M80A	X	.472	.472	0	%100
86	M80A	Z	.817	.817	0	%100
87	M82	X	.497	.497	0	%100
88	M82	Z	.861	.861	0	%100
89	M84A	X	.154	.154	0	%100
90	M84A	Z	.268	.268	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	0	0	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	.257	.257	0	%100
96	M92A	Z	.444	.444	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	.183	.183	0	%100
100	M96	Z	.318	.318	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	.214	.214	0	%100
104	M102A	Z	.371	.371	0	%100
105	MP3C	X	.296	.296	0	%100
106	MP3C	Z	.513	.513	0	%100
107	MP5C	X	.296	.296	0	%100
108	MP5C	Z	.513	.513	0	%100
109	MP2C	X	.296	.296	0	%100
110	MP2C	Z	.513	.513	0	%100
111	MP1C	X	.296	.296	0	%100
112	MP1C	Z	.513	.513	0	%100
113	MP3B	X	.296	.296	0	%100
114	MP3B	Z	.513	.513	0	%100
115	MP5B	X	.296	.296	0	%100
116	MP5B	Z	.513	.513	0	%100
117	MP2B	X	.296	.296	0	%100
118	MP2B	Z	.513	.513	0	%100
119	MP1B	X	.296	.296	0	%100
120	MP1B	Z	.513	.513	0	%100
121	MP4C	X	.254	.254	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
122	MP4C	Z	.441	.441	0	%100
123	MP4B	X	.254	.254	0	%100
124	MP4B	Z	.441	.441	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	.721	.721	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	.62	.62	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	.592	.592	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	.592	.592	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	.592	.592	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	.592	.592	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	.62	.62	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	1.236	1.236	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	.172	.172	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	.172	.172	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	.315	.315	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	.331	.331	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	.315	.315	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	.331	.331	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	.489	.489	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	.572	.572	0	%100
39	M128	X	0	0	0	%100
40	M128	Z	.417	.417	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	.18	.18	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	.18	.18	0	%100
45	M45B	X	0	0	0	%100
46	M45B	Z	.548	.548	0	%100
47	M46A	X	0	0	0	%100
48	M46A	Z	.155	.155	0	%100
49	M47	X	0	0	0	%100
50	M47	Z	.155	.155	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
51	M48	X	0	0	0	%100
52	M48	Z	.309	.309	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	.172	.172	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	.686	.686	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	.927	.927	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	.315	.315	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	.331	.331	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	.927	.927	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	1.259	1.259	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	1.326	1.326	0	%100
69	M67	X	0	0	0	%100
70	M67	Z	.706	.706	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	.548	.548	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	.155	.155	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	.155	.155	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	.309	.309	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	.686	.686	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	.172	.172	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	.927	.927	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	1.259	1.259	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	1.326	1.326	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	.927	.927	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	.315	.315	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	.331	.331	0	%100
95	M92A	X	0	0	0	%100
96	M92A	Z	.706	.706	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	.122	.122	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	.122	.122	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	.143	.143	0	%100
103	M102A	X	0	0	0	%100
104	M102A	Z	.143	.143	0	%100
105	MP3C	X	0	0	0	%100
106	MP3C	Z	.592	.592	0	%100
107	MP5C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
108	MP5C	Z	.592	.592	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	.592	.592	0	%100
111	MP1C	X	0	0	0	%100
112	MP1C	Z	.592	.592	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	.592	.592	0	%100
115	MP5B	X	0	0	0	%100
116	MP5B	Z	.592	.592	0	%100
117	MP2B	X	0	0	0	%100
118	MP2B	Z	.592	.592	0	%100
119	MP1B	X	0	0	0	%100
120	MP1B	Z	.592	.592	0	%100
121	MP4C	X	0	0	0	%100
122	MP4C	Z	.509	.509	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	.509	.509	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.27	-.27	0	%100
2	M1	Z	.468	.468	0	%100
3	M4	X	-.091	-.091	0	%100
4	M4	Z	.158	.158	0	%100
5	M10	X	-.232	-.232	0	%100
6	M10	Z	.402	.402	0	%100
7	MP3A	X	-.296	-.296	0	%100
8	MP3A	Z	.513	.513	0	%100
9	MP4A	X	-.296	-.296	0	%100
10	MP4A	Z	.513	.513	0	%100
11	MP2A	X	-.296	-.296	0	%100
12	MP2A	Z	.513	.513	0	%100
13	MP1A	X	-.296	-.296	0	%100
14	MP1A	Z	.513	.513	0	%100
15	M43	X	-.232	-.232	0	%100
16	M43	Z	.402	.402	0	%100
17	M46	X	-.463	-.463	0	%100
18	M46	Z	.803	.803	0	%100
19	M51B	X	-.257	-.257	0	%100
20	M51B	Z	.446	.446	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.154	-.154	0	%100
24	M76	Z	.268	.268	0	%100
25	M77	X	-.472	-.472	0	%100
26	M77	Z	.817	.817	0	%100
27	M80	X	-.497	-.497	0	%100
28	M80	Z	.861	.861	0	%100
29	M84	X	-.154	-.154	0	%100
30	M84	Z	.268	.268	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M100	X	-.183	-.183	0	%100
36	M100	Z	.318	.318	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k...	Start Location[ft,%]	End Location[ft,%]
37	M123	X	-.214	-.214	0	%100
38	M123	Z	.371	.371	0	%100
39	M128	X	-.257	-.257	0	%100
40	M128	Z	.444	.444	0	%100
41	M43A	X	-.27	-.27	0	%100
42	M43A	Z	.468	.468	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	-.091	-.091	0	%100
46	M45B	Z	.158	.158	0	%100
47	M46A	X	-.232	-.232	0	%100
48	M46A	Z	.402	.402	0	%100
49	M47	X	-.232	-.232	0	%100
50	M47	Z	.402	.402	0	%100
51	M48	X	-.463	-.463	0	%100
52	M48	Z	.803	.803	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	-.257	-.257	0	%100
56	M50A	Z	.446	.446	0	%100
57	M54	X	-.154	-.154	0	%100
58	M54	Z	.268	.268	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	M59A	X	-.154	-.154	0	%100
64	M59A	Z	.268	.268	0	%100
65	M60	X	-.472	-.472	0	%100
66	M60	Z	.817	.817	0	%100
67	M62	X	-.497	-.497	0	%100
68	M62	Z	.861	.861	0	%100
69	M67	X	-.257	-.257	0	%100
70	M67	Z	.444	.444	0	%100
71	M70	X	-.366	-.366	0	%100
72	M70	Z	.633	.633	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	0	0	0	%100
79	M74	X	-.257	-.257	0	%100
80	M74	Z	.446	.446	0	%100
81	M75	X	-.257	-.257	0	%100
82	M75	Z	.446	.446	0	%100
83	M79A	X	-.618	-.618	0	%100
84	M79A	Z	1.07	1.07	0	%100
85	M80A	X	-.472	-.472	0	%100
86	M80A	Z	.817	.817	0	%100
87	M82	X	-.497	-.497	0	%100
88	M82	Z	.861	.861	0	%100
89	M84A	X	-.618	-.618	0	%100
90	M84A	Z	1.07	1.07	0	%100
91	M85A	X	-.472	-.472	0	%100
92	M85A	Z	.817	.817	0	%100
93	M87	X	-.497	-.497	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
94	M87	Z	.861	.861	0	%100
95	M92A	X	-.401	-.401	0	%100
96	M92A	Z	.695	.695	0	%100
97	M95	X	-.183	-.183	0	%100
98	M95	Z	.318	.318	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	0	0	0	%100
101	M99	X	-.214	-.214	0	%100
102	M99	Z	.371	.371	0	%100
103	M102A	X	0	0	0	%100
104	M102A	Z	0	0	0	%100
105	MP3C	X	-.296	-.296	0	%100
106	MP3C	Z	.513	.513	0	%100
107	MP5C	X	-.296	-.296	0	%100
108	MP5C	Z	.513	.513	0	%100
109	MP2C	X	-.296	-.296	0	%100
110	MP2C	Z	.513	.513	0	%100
111	MP1C	X	-.296	-.296	0	%100
112	MP1C	Z	.513	.513	0	%100
113	MP3B	X	-.296	-.296	0	%100
114	MP3B	Z	.513	.513	0	%100
115	MP5B	X	-.296	-.296	0	%100
116	MP5B	Z	.513	.513	0	%100
117	MP2B	X	-.296	-.296	0	%100
118	MP2B	Z	.513	.513	0	%100
119	MP1B	X	-.296	-.296	0	%100
120	MP1B	Z	.513	.513	0	%100
121	MP4C	X	-.254	-.254	0	%100
122	MP4C	Z	.441	.441	0	%100
123	MP4B	X	-.254	-.254	0	%100
124	MP4B	Z	.441	.441	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.156	-.156	0	%100
2	M1	Z	.09	.09	0	%100
3	M4	X	-.475	-.475	0	%100
4	M4	Z	.274	.274	0	%100
5	M10	X	-.134	-.134	0	%100
6	M10	Z	.077	.077	0	%100
7	MP3A	X	-.513	-.513	0	%100
8	MP3A	Z	.296	.296	0	%100
9	MP4A	X	-.513	-.513	0	%100
10	MP4A	Z	.296	.296	0	%100
11	MP2A	X	-.513	-.513	0	%100
12	MP2A	Z	.296	.296	0	%100
13	MP1A	X	-.513	-.513	0	%100
14	MP1A	Z	.296	.296	0	%100
15	M43	X	-.134	-.134	0	%100
16	M43	Z	.077	.077	0	%100
17	M46	X	-.268	-.268	0	%100
18	M46	Z	.154	.154	0	%100
19	M51B	X	-.595	-.595	0	%100
20	M51B	Z	.343	.343	0	%100
21	M52B	X	-.149	-.149	0	%100
22	M52B	Z	.086	.086	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
23	M76	X	-.803	-.803	0	%100
24	M76	Z	.463	.463	0	%100
25	M77	X	-1.09	-1.09	0	%100
26	M77	Z	.629	.629	0	%100
27	M80	X	-1.148	-1.148	0	%100
28	M80	Z	.663	.663	0	%100
29	M84	X	-.803	-.803	0	%100
30	M84	Z	.463	.463	0	%100
31	M85	X	-.272	-.272	0	%100
32	M85	Z	.157	.157	0	%100
33	M91	X	-.287	-.287	0	%100
34	M91	Z	.166	.166	0	%100
35	M100	X	-.106	-.106	0	%100
36	M100	Z	.061	.061	0	%100
37	M123	X	-.124	-.124	0	%100
38	M123	Z	.071	.071	0	%100
39	M128	X	-.611	-.611	0	%100
40	M128	Z	.353	.353	0	%100
41	M43A	X	-.624	-.624	0	%100
42	M43A	Z	.36	.36	0	%100
43	M44	X	-.156	-.156	0	%100
44	M44	Z	.09	.09	0	%100
45	M45B	X	0	0	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	X	-.537	-.537	0	%100
48	M46A	Z	.31	.31	0	%100
49	M47	X	-.537	-.537	0	%100
50	M47	Z	.31	.31	0	%100
51	M48	X	-1.07	-1.07	0	%100
52	M48	Z	.618	.618	0	%100
53	M49	X	-.149	-.149	0	%100
54	M49	Z	.086	.086	0	%100
55	M50A	X	-.149	-.149	0	%100
56	M50A	Z	.086	.086	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-.272	-.272	0	%100
60	M55	Z	.157	.157	0	%100
61	M57	X	-.287	-.287	0	%100
62	M57	Z	.166	.166	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	-.272	-.272	0	%100
66	M60	Z	.157	.157	0	%100
67	M62	X	-.287	-.287	0	%100
68	M62	Z	.166	.166	0	%100
69	M67	X	-.361	-.361	0	%100
70	M67	Z	.208	.208	0	%100
71	M70	X	-.475	-.475	0	%100
72	M70	Z	.274	.274	0	%100
73	M71	X	-.134	-.134	0	%100
74	M71	Z	.077	.077	0	%100
75	M72	X	-.134	-.134	0	%100
76	M72	Z	.077	.077	0	%100
77	M73	X	-.268	-.268	0	%100
78	M73	Z	.154	.154	0	%100
79	M74	X	-.149	-.149	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
80	M74	Z	.086	.086	0	%100
81	M75	X	-.595	-.595	0	%100
82	M75	Z	.343	.343	0	%100
83	M79A	X	-.803	-.803	0	%100
84	M79A	Z	.463	.463	0	%100
85	M80A	X	-.272	-.272	0	%100
86	M80A	Z	.157	.157	0	%100
87	M82	X	-.287	-.287	0	%100
88	M82	Z	.166	.166	0	%100
89	M84A	X	-.803	-.803	0	%100
90	M84A	Z	.463	.463	0	%100
91	M85A	X	-1.09	-1.09	0	%100
92	M85A	Z	.629	.629	0	%100
93	M87	X	-1.148	-1.148	0	%100
94	M87	Z	.663	.663	0	%100
95	M92A	X	-.611	-.611	0	%100
96	M92A	Z	.353	.353	0	%100
97	M95	X	-.424	-.424	0	%100
98	M95	Z	.245	.245	0	%100
99	M96	X	-.106	-.106	0	%100
100	M96	Z	.061	.061	0	%100
101	M99	X	-.495	-.495	0	%100
102	M99	Z	.286	.286	0	%100
103	M102A	X	-.124	-.124	0	%100
104	M102A	Z	.071	.071	0	%100
105	MP3C	X	-.513	-.513	0	%100
106	MP3C	Z	.296	.296	0	%100
107	MP5C	X	-.513	-.513	0	%100
108	MP5C	Z	.296	.296	0	%100
109	MP2C	X	-.513	-.513	0	%100
110	MP2C	Z	.296	.296	0	%100
111	MP1C	X	-.513	-.513	0	%100
112	MP1C	Z	.296	.296	0	%100
113	MP3B	X	-.513	-.513	0	%100
114	MP3B	Z	.296	.296	0	%100
115	MP5B	X	-.513	-.513	0	%100
116	MP5B	Z	.296	.296	0	%100
117	MP2B	X	-.513	-.513	0	%100
118	MP2B	Z	.296	.296	0	%100
119	MP1B	X	-.513	-.513	0	%100
120	MP1B	Z	.296	.296	0	%100
121	MP4C	X	-.441	-.441	0	%100
122	MP4C	Z	.254	.254	0	%100
123	MP4B	X	-.441	-.441	0	%100
124	MP4B	Z	.254	.254	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-.731	-.731	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-.592	-.592	0	%100
8	MP3A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k...	Start Location[ft,%]	End Location[ft,%]
9	MP4A	X	-.592	-.592	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-.592	-.592	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-.592	-.592	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-.515	-.515	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.515	-.515	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-1.236	-1.236	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-.944	-.944	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-.994	-.994	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-1.236	-1.236	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-.944	-.944	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-.994	-.994	0	%100
34	M91	Z	0	0	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	0	0	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	0	0	0	%100
39	M128	X	-.802	-.802	0	%100
40	M128	Z	0	0	0	%100
41	M43A	X	-.541	-.541	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	-.541	-.541	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	-.183	-.183	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	X	-.465	-.465	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	-.465	-.465	0	%100
50	M47	Z	0	0	0	%100
51	M48	X	-.927	-.927	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	-.515	-.515	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	0	0	0	%100
57	M54	X	-.309	-.309	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-.944	-.944	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	-.994	-.994	0	%100
62	M57	Z	0	0	0	%100
63	M59A	X	-.309	-.309	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
66	M60	Z	0	0	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M67	X	-.513	-.513	0	%100
70	M67	Z	0	0	0	%100
71	M70	X	-.183	-.183	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	-.465	-.465	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	-.465	-.465	0	%100
76	M72	Z	0	0	0	%100
77	M73	X	-.927	-.927	0	%100
78	M73	Z	0	0	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	0	0	0	%100
81	M75	X	-.515	-.515	0	%100
82	M75	Z	0	0	0	%100
83	M79A	X	-.309	-.309	0	%100
84	M79A	Z	0	0	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	0	0	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	0	0	0	%100
89	M84A	X	-.309	-.309	0	%100
90	M84A	Z	0	0	0	%100
91	M85A	X	-.944	-.944	0	%100
92	M85A	Z	0	0	0	%100
93	M87	X	-.994	-.994	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	-.513	-.513	0	%100
96	M92A	Z	0	0	0	%100
97	M95	X	-.367	-.367	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	-.367	-.367	0	%100
100	M96	Z	0	0	0	%100
101	M99	X	-.429	-.429	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	-.429	-.429	0	%100
104	M102A	Z	0	0	0	%100
105	MP3C	X	-.592	-.592	0	%100
106	MP3C	Z	0	0	0	%100
107	MP5C	X	-.592	-.592	0	%100
108	MP5C	Z	0	0	0	%100
109	MP2C	X	-.592	-.592	0	%100
110	MP2C	Z	0	0	0	%100
111	MP1C	X	-.592	-.592	0	%100
112	MP1C	Z	0	0	0	%100
113	MP3B	X	-.592	-.592	0	%100
114	MP3B	Z	0	0	0	%100
115	MP5B	X	-.592	-.592	0	%100
116	MP5B	Z	0	0	0	%100
117	MP2B	X	-.592	-.592	0	%100
118	MP2B	Z	0	0	0	%100
119	MP1B	X	-.592	-.592	0	%100
120	MP1B	Z	0	0	0	%100
121	MP4C	X	-.509	-.509	0	%100
122	MP4C	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
123	MP4B	X	-.509	-.509	0	%100
124	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.156	-.156	0	%100
2	M1	Z	-.09	-.09	0	%100
3	M4	X	-.475	-.475	0	%100
4	M4	Z	-.274	-.274	0	%100
5	M10	X	-.134	-.134	0	%100
6	M10	Z	-.077	-.077	0	%100
7	MP3A	X	-.513	-.513	0	%100
8	MP3A	Z	-.296	-.296	0	%100
9	MP4A	X	-.513	-.513	0	%100
10	MP4A	Z	-.296	-.296	0	%100
11	MP2A	X	-.513	-.513	0	%100
12	MP2A	Z	-.296	-.296	0	%100
13	MP1A	X	-.513	-.513	0	%100
14	MP1A	Z	-.296	-.296	0	%100
15	M43	X	-.134	-.134	0	%100
16	M43	Z	-.077	-.077	0	%100
17	M46	X	-.268	-.268	0	%100
18	M46	Z	-.154	-.154	0	%100
19	M51B	X	-.149	-.149	0	%100
20	M51B	Z	-.086	-.086	0	%100
21	M52B	X	-.595	-.595	0	%100
22	M52B	Z	-.343	-.343	0	%100
23	M76	X	-.803	-.803	0	%100
24	M76	Z	-.463	-.463	0	%100
25	M77	X	-.272	-.272	0	%100
26	M77	Z	-.157	-.157	0	%100
27	M80	X	-.287	-.287	0	%100
28	M80	Z	-.166	-.166	0	%100
29	M84	X	-.803	-.803	0	%100
30	M84	Z	-.463	-.463	0	%100
31	M85	X	-1.09	-1.09	0	%100
32	M85	Z	-.629	-.629	0	%100
33	M91	X	-1.148	-1.148	0	%100
34	M91	Z	-.663	-.663	0	%100
35	M100	X	-.106	-.106	0	%100
36	M100	Z	-.061	-.061	0	%100
37	M123	X	-.124	-.124	0	%100
38	M123	Z	-.071	-.071	0	%100
39	M128	X	-.611	-.611	0	%100
40	M128	Z	-.353	-.353	0	%100
41	M43A	X	-.156	-.156	0	%100
42	M43A	Z	-.09	-.09	0	%100
43	M44	X	-.624	-.624	0	%100
44	M44	Z	-.36	-.36	0	%100
45	M45B	X	-.475	-.475	0	%100
46	M45B	Z	-.274	-.274	0	%100
47	M46A	X	-.134	-.134	0	%100
48	M46A	Z	-.077	-.077	0	%100
49	M47	X	-.134	-.134	0	%100
50	M47	Z	-.077	-.077	0	%100
51	M48	X	-.268	-.268	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
52	M48	Z	-.154	-.154	0	%100
53	M49	X	-.595	-.595	0	%100
54	M49	Z	-.343	-.343	0	%100
55	M50A	X	-.149	-.149	0	%100
56	M50A	Z	-.086	-.086	0	%100
57	M54	X	-.803	-.803	0	%100
58	M54	Z	-.463	-.463	0	%100
59	M55	X	-1.09	-1.09	0	%100
60	M55	Z	-.629	-.629	0	%100
61	M57	X	-1.148	-1.148	0	%100
62	M57	Z	-.663	-.663	0	%100
63	M59A	X	-.803	-.803	0	%100
64	M59A	Z	-.463	-.463	0	%100
65	M60	X	-.272	-.272	0	%100
66	M60	Z	-.157	-.157	0	%100
67	M62	X	-.287	-.287	0	%100
68	M62	Z	-.166	-.166	0	%100
69	M67	X	-.611	-.611	0	%100
70	M67	Z	-.353	-.353	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	-.537	-.537	0	%100
74	M71	Z	-.31	-.31	0	%100
75	M72	X	-.537	-.537	0	%100
76	M72	Z	-.31	-.31	0	%100
77	M73	X	-1.07	-1.07	0	%100
78	M73	Z	-.618	-.618	0	%100
79	M74	X	-.149	-.149	0	%100
80	M74	Z	-.086	-.086	0	%100
81	M75	X	-.149	-.149	0	%100
82	M75	Z	-.086	-.086	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	0	0	0	%100
85	M80A	X	-.272	-.272	0	%100
86	M80A	Z	-.157	-.157	0	%100
87	M82	X	-.287	-.287	0	%100
88	M82	Z	-.166	-.166	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	0	0	0	%100
91	M85A	X	-.272	-.272	0	%100
92	M85A	Z	-.157	-.157	0	%100
93	M87	X	-.287	-.287	0	%100
94	M87	Z	-.166	-.166	0	%100
95	M92A	X	-.361	-.361	0	%100
96	M92A	Z	-.208	-.208	0	%100
97	M95	X	-.106	-.106	0	%100
98	M95	Z	-.061	-.061	0	%100
99	M96	X	-.424	-.424	0	%100
100	M96	Z	-.245	-.245	0	%100
101	M99	X	-.124	-.124	0	%100
102	M99	Z	-.071	-.071	0	%100
103	M102A	X	-.495	-.495	0	%100
104	M102A	Z	-.286	-.286	0	%100
105	MP3C	X	-.513	-.513	0	%100
106	MP3C	Z	-.296	-.296	0	%100
107	MP5C	X	-.513	-.513	0	%100
108	MP5C	Z	-.296	-.296	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
109	MP2C	X	-.513	-.513	0	%100
110	MP2C	Z	-.296	-.296	0	%100
111	MP1C	X	-.513	-.513	0	%100
112	MP1C	Z	-.296	-.296	0	%100
113	MP3B	X	-.513	-.513	0	%100
114	MP3B	Z	-.296	-.296	0	%100
115	MP5B	X	-.513	-.513	0	%100
116	MP5B	Z	-.296	-.296	0	%100
117	MP2B	X	-.513	-.513	0	%100
118	MP2B	Z	-.296	-.296	0	%100
119	MP1B	X	-.513	-.513	0	%100
120	MP1B	Z	-.296	-.296	0	%100
121	MP4C	X	-.441	-.441	0	%100
122	MP4C	Z	-.254	-.254	0	%100
123	MP4B	X	-.441	-.441	0	%100
124	MP4B	Z	-.254	-.254	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.27	-.27	0	%100
2	M1	Z	-.468	-.468	0	%100
3	M4	X	-.091	-.091	0	%100
4	M4	Z	-.158	-.158	0	%100
5	M10	X	-.232	-.232	0	%100
6	M10	Z	-.402	-.402	0	%100
7	MP3A	X	-.296	-.296	0	%100
8	MP3A	Z	-.513	-.513	0	%100
9	MP4A	X	-.296	-.296	0	%100
10	MP4A	Z	-.513	-.513	0	%100
11	MP2A	X	-.296	-.296	0	%100
12	MP2A	Z	-.513	-.513	0	%100
13	MP1A	X	-.296	-.296	0	%100
14	MP1A	Z	-.513	-.513	0	%100
15	M43	X	-.232	-.232	0	%100
16	M43	Z	-.402	-.402	0	%100
17	M46	X	-.463	-.463	0	%100
18	M46	Z	-.803	-.803	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.257	-.257	0	%100
22	M52B	Z	-.446	-.446	0	%100
23	M76	X	-.154	-.154	0	%100
24	M76	Z	-.268	-.268	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-.154	-.154	0	%100
30	M84	Z	-.268	-.268	0	%100
31	M85	X	-.472	-.472	0	%100
32	M85	Z	-.817	-.817	0	%100
33	M91	X	-.497	-.497	0	%100
34	M91	Z	-.861	-.861	0	%100
35	M100	X	-.183	-.183	0	%100
36	M100	Z	-.318	-.318	0	%100
37	M123	X	-.214	-.214	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
38	M123	Z	-.371	-.371	0	%100
39	M128	X	-.257	-.257	0	%100
40	M128	Z	-.444	-.444	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	-.27	-.27	0	%100
44	M44	Z	-.468	-.468	0	%100
45	M45B	X	-.366	-.366	0	%100
46	M45B	Z	-.633	-.633	0	%100
47	M46A	X	0	0	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	0	0	0	%100
50	M47	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	-.257	-.257	0	%100
54	M49	Z	-.446	-.446	0	%100
55	M50A	X	-.257	-.257	0	%100
56	M50A	Z	-.446	-.446	0	%100
57	M54	X	-.618	-.618	0	%100
58	M54	Z	-1.07	-1.07	0	%100
59	M55	X	-.472	-.472	0	%100
60	M55	Z	-.817	-.817	0	%100
61	M57	X	-.497	-.497	0	%100
62	M57	Z	-.861	-.861	0	%100
63	M59A	X	-.618	-.618	0	%100
64	M59A	Z	-1.07	-1.07	0	%100
65	M60	X	-.472	-.472	0	%100
66	M60	Z	-.817	-.817	0	%100
67	M62	X	-.497	-.497	0	%100
68	M62	Z	-.861	-.861	0	%100
69	M67	X	-.401	-.401	0	%100
70	M67	Z	-.695	-.695	0	%100
71	M70	X	-.091	-.091	0	%100
72	M70	Z	-.158	-.158	0	%100
73	M71	X	-.232	-.232	0	%100
74	M71	Z	-.402	-.402	0	%100
75	M72	X	-.232	-.232	0	%100
76	M72	Z	-.402	-.402	0	%100
77	M73	X	-.463	-.463	0	%100
78	M73	Z	-.803	-.803	0	%100
79	M74	X	-.257	-.257	0	%100
80	M74	Z	-.446	-.446	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	0	0	0	%100
83	M79A	X	-.154	-.154	0	%100
84	M79A	Z	-.268	-.268	0	%100
85	M80A	X	-.472	-.472	0	%100
86	M80A	Z	-.817	-.817	0	%100
87	M82	X	-.497	-.497	0	%100
88	M82	Z	-.861	-.861	0	%100
89	M84A	X	-.154	-.154	0	%100
90	M84A	Z	-.268	-.268	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	0	0	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
95	M92A	X	-.257	-.257	0	%100
96	M92A	Z	-.444	-.444	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	-.183	-.183	0	%100
100	M96	Z	-.318	-.318	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	-.214	-.214	0	%100
104	M102A	Z	-.371	-.371	0	%100
105	MP3C	X	-.296	-.296	0	%100
106	MP3C	Z	-.513	-.513	0	%100
107	MP5C	X	-.296	-.296	0	%100
108	MP5C	Z	-.513	-.513	0	%100
109	MP2C	X	-.296	-.296	0	%100
110	MP2C	Z	-.513	-.513	0	%100
111	MP1C	X	-.296	-.296	0	%100
112	MP1C	Z	-.513	-.513	0	%100
113	MP3B	X	-.296	-.296	0	%100
114	MP3B	Z	-.513	-.513	0	%100
115	MP5B	X	-.296	-.296	0	%100
116	MP5B	Z	-.513	-.513	0	%100
117	MP2B	X	-.296	-.296	0	%100
118	MP2B	Z	-.513	-.513	0	%100
119	MP1B	X	-.296	-.296	0	%100
120	MP1B	Z	-.513	-.513	0	%100
121	MP4C	X	-.254	-.254	0	%100
122	MP4C	Z	-.441	-.441	0	%100
123	MP4B	X	-.254	-.254	0	%100
124	MP4B	Z	-.441	-.441	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M51B	Y	-1.606	-4.239	0	.866
2	M51B	Y	-4.239	-6.839	.866	1.732
3	M51B	Y	-6.839	-8.084	1.732	2.598
4	M51B	Y	-8.084	-6.536	2.598	3.464
5	M51B	Y	-6.536	-3.518	3.464	4.33
6	M52B	Y	-3.574	-6.663	0	.866
7	M52B	Y	-6.663	-8.334	.866	1.732
8	M52B	Y	-8.334	-7.343	1.732	2.598
9	M52B	Y	-7.343	-4.342	2.598	3.464
10	M52B	Y	-4.342	-.578	3.464	4.33
11	M74	Y	-1.781	-4.333	0	.866
12	M74	Y	-4.333	-6.98	.866	1.732
13	M74	Y	-6.98	-8.235	1.732	2.598
14	M74	Y	-8.235	-6.584	2.598	3.464
15	M74	Y	-6.584	-3.511	3.464	4.33
16	M75	Y	-3.512	-6.557	0	.866
17	M75	Y	-6.557	-8.163	.866	1.732
18	M75	Y	-8.163	-6.836	1.732	2.598
19	M75	Y	-6.836	-4.141	2.598	3.464
20	M75	Y	-4.141	-1.573	3.464	4.33
21	M49	Y	-1.575	-4.14	0	.866
22	M49	Y	-4.14	-6.837	.866	1.732
23	M49	Y	-6.837	-8.166	1.732	2.598

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
24	M49	Y	-8.166	-6.556	2.598	3.464
25	M49	Y	-6.556	-3.512	3.464	4.33
26	M50A	Y	-3.518	-6.589	0	.866
27	M50A	Y	-6.589	-8.23	.866	1.732
28	M50A	Y	-8.23	-6.973	1.732	2.598
29	M50A	Y	-6.973	-4.335	2.598	3.464
30	M50A	Y	-4.335	-1.779	3.464	4.33

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,k..	Start Location[ft,%]	End Location[ft,%]
1	M51B	Y	-3.34	-8.817	0	.866
2	M51B	Y	-8.817	-14.226	.866	1.732
3	M51B	Y	-14.226	-16.815	1.732	2.598
4	M51B	Y	-16.815	-13.594	2.598	3.464
5	M51B	Y	-13.594	-7.318	3.464	4.33
6	M52B	Y	-7.435	-13.858	0	.866
7	M52B	Y	-13.858	-17.335	.866	1.732
8	M52B	Y	-17.335	-15.273	1.732	2.598
9	M52B	Y	-15.273	-9.032	2.598	3.464
10	M52B	Y	-9.032	-1.202	3.464	4.33
11	M74	Y	-3.562	-8.666	0	.866
12	M74	Y	-8.666	-13.959	.866	1.732
13	M74	Y	-13.959	-16.471	1.732	2.598
14	M74	Y	-16.471	-13.168	2.598	3.464
15	M74	Y	-13.168	-7.023	3.464	4.33
16	M75	Y	-7.024	-13.114	0	.866
17	M75	Y	-13.114	-16.327	.866	1.732
18	M75	Y	-16.327	-13.672	1.732	2.598
19	M75	Y	-13.672	-8.281	2.598	3.464
20	M75	Y	-8.281	-3.147	3.464	4.33
21	M49	Y	-3.15	-8.279	0	.866
22	M49	Y	-8.279	-13.675	.866	1.732
23	M49	Y	-13.675	-16.331	1.732	2.598
24	M49	Y	-16.331	-13.112	2.598	3.464
25	M49	Y	-13.112	-7.023	3.464	4.33
26	M50A	Y	-7.037	-13.179	0	.866
27	M50A	Y	-13.179	-16.46	.866	1.732
28	M50A	Y	-16.46	-13.947	1.732	2.598
29	M50A	Y	-13.947	-8.669	2.598	3.464
30	M50A	Y	-8.669	-3.559	3.464	4.33

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87B	N87C	N70	N71	Y	Two Way	-.005
2	N128	N122	N124	N129	Y	Two Way	-.005
3	N93	N98	N97	N91	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87B	N87C	N70	N71	Y	Two Way	-.01
2	N128	N122	N124	N129	Y	Two Way	-.01
3	N93	N98	N97	N91	Y	Two Way	-.01

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N3	max	592.034	10	834.297	7	6361.456	1	.886	7	.955	4	.196	1
2		min	-573.495	4	-463.343	1	-3449.9...	7	-.389	1	-1.019	10	-.39	7
3	N190A	max	100.915	10	2656.246	1	956.237	7	0	51	.219	4	.143	4
4		min	-131.721	4	-622.538	7	-3999.0...	1	0	1	-.186	10	-.122	10
5	N70B	max	5019.377	9	669.088	3	1575.025	3	.163	9	.919	12	.156	9
6		min	-2662.45	3	-291.659	9	-2936.1...	9	-.837	39	-.957	6	-.519	3
7	N95	max	666.838	3	2406.39	9	1828.101	9	.119	12	.209	12	.062	6
8		min	-3123.524	9	-500.642	3	-387.298	3	-.107	6	-.188	6	-.069	12
9	N101A	max	3069.616	11	933.817	11	1737.333	11	.165	5	.936	8	.998	12
10		min	-5613.522	5	-580.575	5	-3184.5...	5	-.306	50	-1.004	2	-.484	6
11	N126	max	3626.883	5	2768.347	5	2057.139	5	.102	2	.213	8	.059	2
12		min	-970.852	11	-730.214	11	-557.904	11	-.121	8	-.18	2	-.07	8
13	Totals:	max	4385.33	10	7273.425	13	4537.227	1						
14		min	-4385.331	4	3539.415	7	-4537.2...	7						

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear C...	Loc[ft]	Dir	LC	phi*Pn...	phi*...	phi*...	phi...	Cb	Eqn
1	M102A	L2.5x2.5x3	.613	1.143	3	.108	0	z	8	27107....	283...	.848	1.9...	2....	H2-1
2	M123	L2.5x2.5x3	.612	1.143	11	.106	0	z	4	27107....	283...	.848	1.9...	2....	H2-1
3	M99	L2.5x2.5x3	.602	1.143	7	.099	.036	z	6	27107....	283...	.848	1.9...	2....	H2-1
4	MP3A	PIPE_2.5	.341	5.963	4	.131	5.963		3	29792....	507...	3.596	3.5...	3....	H1-1b
5	M100	PIPE_2.0	.337	8.594	7	.167	11.719		7	6295.4...	321...	1.872	1.8...	2....	H1-1b
6	MP2A	PIPE_2.5	.330	5.963	4	.100	3.947		6	29792....	507...	3.596	3.5...	4....	H1-1b
7	M77	PL3/8x6	.323	.167	7	.258	0	y	13	69647....	708...	.554	8.8...	1....	H1-1b
8	MP2C	PIPE_2.5	.320	5.963	12	.090	3.947		2	29792....	507...	3.596	3.5...	3....	H1-1b
9	M85	PL3/8x6	.314	.167	7	.314	0	y	21	69647....	708...	.554	8.8...	1....	H1-1b
10	MP3C	PIPE_2.5	.312	5.963	12	.121	5.963		11	29792....	507...	3.596	3.5...	3....	H1-1b
11	M46	PL1/2x6	.309	.516	1	.164	.516	y	4	64869....	945...	.984	11....	1....	H1-1b
12	M85A	PL3/8x6	.307	.167	11	.313	0	y	13	69647....	708...	.554	8.8...	1....	H1-1b
13	M80A	PL3/8x6	.306	.167	11	.246	0	y	21	69647....	708...	.554	8.8...	1....	H1-1b
14	M55	PL3/8x6	.302	.167	3	.249	0	y	21	69647....	708...	.554	8.8...	1....	H1-1b
15	M95	PIPE_2.0	.300	8.594	3	.151	10.286		4	6295.4...	321...	1.872	1.8...	2....	H1-1b
16	MP2B	PIPE_2.5	.300	5.963	8	.083	3.947		10	29792....	507...	3.596	3.5...	4....	H1-1b
17	M96	PIPE_2.0	.298	8.594	11	.157	10.286		12	6295.4...	321...	1.872	1.8...	3....	H1-1b
18	MP3B	PIPE_2.5	.294	5.963	8	.120	5.963		7	29792....	507...	3.596	3.5...	3....	H1-1b
19	M73	PL1/2x6	.292	.516	5	.169	.516	y	8	64869....	945...	.984	11....	1....	H1-1b
20	M60	PL3/8x6	.287	.167	3	.317	0	y	42	69647....	708...	.554	8.8...	1....	H1-1b
21	M84A	PL3/8x6	.280	0	2	.098	0	y	5	68773....	708...	.554	8.8...	1....	H1-1b
22	M48	PL1/2x6	.278	.516	9	.162	.516	y	36	64869....	945...	.984	11....	1....	H1-1b
23	M84	PL3/8x6	.271	0	10	.087	0	y	1	68773....	708...	.554	8.8...	1....	H1-1b
24	M76	PL3/8x6	.252	0	5	.133	0	y	7	68773....	708...	.554	8.8...	1....	H1-1b
25	M70	HSS4X4X4	.241	3.66	5	.092	3.714	y	7	97504....	106...	12....	12....	1....	H1-1b
26	M59A	PL3/8x6	.231	0	6	.097	0	y	46	68773....	708...	.554	8.8...	1....	H1-1b
27	M4	HSS4X4X4	.229	3.66	1	.088	3.714	y	3	97504....	106...	12....	12....	1....	H1-1b
28	M79A	PL3/8x6	.228	0	9	.167	0	y	11	68773....	708...	.554	8.8...	1....	H1-1b
29	M54	PL3/8x6	.225	0	1	.122	0	y	39	68773....	708...	.554	8.8...	1....	H1-1b
30	M43A	PIPE_3.0	.212	8.464	12	.090	8.594		4	28250....	652...	5.749	5.7...	3....	H1-1b
31	MP4C	PIPE_2.5	.206	4.123	6	.125	.174		4	43998....	507...	3.596	3.5...	2....	H1-1b
32	M45B	HSS4X4X4	.204	3.66	9	.096	3.714	y	35	97504....	106...	12....	12....	1....	H1-1b
33	M44	PIPE_3.0	.201	8.464	8	.096	8.594		12	28250....	652...	5.749	5.7...	3....	H1-1b
34	MP4B	PIPE_2.5	.192	4.123	2	.130	.174		12	43998....	507...	3.596	3.5...	2....	H1-1b
35	MP4A	PIPE_2.5	.186	5.963	9	.123	2.1		7	29792....	507...	3.596	3.5...	4....	H1-1b
36	M1	PIPE_3.0	.175	8.464	4	.101	11.719		8	28250....	652...	5.749	5.7...	4....	H1-1b
37	MP1A	PIPE_2.5	.171	5.963	10	.101	2.1		8	29792....	507...	3.596	3.5...	3....	H1-1b

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear C...	Loc[ft]	Dir	LC	phi*Pn...	phi*...	phi*...	phi...	Cb	Eqn
38	MP1C	PIPE_2.5	.162	5.963	6	.100	2.1		10	29792....	507...	3.596	3.5...	3....	H1-1b
39	MP1B	PIPE_2.5	.152	5.963	1	.099	2.1		6	29792....	507...	3.596	3.5...	4....	H1-1b
40	M43	HSS4X4X4	.142	0	24	.064	0	y	20	104265...	106...	12....	12....	1....	H1-1b
41	M72	HSS4X4X4	.140	0	16	.064	0	y	24	104265...	106...	12....	12....	1....	H1-1b
42	M51B	L2x2x3	.137	0	1	.011	0	y	17	9125.0...	227...	.542	1.0...	1....	H2-1
43	M10	HSS4X4X4	.136	2.375	14	.050	.124	z	1	104265...	106...	12....	12....	1....	H1-1b
44	M47	HSS4X4X4	.136	0	20	.063	0	y	41	104265...	106...	12....	12....	1....	H1-1b
45	M74	L2x2x3	.134	0	6	.011	0	y	21	9125.0...	227...	.542	1.05	1....	H2-1
46	M49	L2x2x3	.132	0	10	.010	0	y	13	9125.0...	227...	.542	1.05	1....	H2-1
47	M71	HSS4X4X4	.132	2.375	18	.047	.124	z	5	104265...	106...	12....	12....	1....	H1-1b
48	M46A	HSS4X4X4	.131	2.375	22	.047	.124	z	9	104265...	106...	12....	12....	1....	H1-1b
49	M52B	L2x2x3	.130	4.33	11	.010	0	y	20	9125.0...	227...	.542	1.0...	1....	H2-1
50	MP5C	PIPE_2.5	.130	5.963	5	.112	2.1		3	29792....	507...	3.596	3.5...	1....	H1-1b
51	MP5B	PIPE_2.5	.129	5.963	1	.114	2.1		11	29792....	507...	3.596	3.5...	3....	H1-1b
52	M75	L2x2x3	.127	4.33	3	.010	0	y	24	9125.0...	227...	.542	1.0...	1....	H2-1
53	M50A	L2x2x3	.126	4.33	8	.010	4.33	y	17	9125.0...	227...	.542	1.05	1....	H2-1
54	M92A	LL2.5x2.5...	.112	0	5	.009	4.395	z	8	44569....	583...	3.954	2.55	2....	H1-1b*
55	M128	LL2.5x2.5...	.108	0	1	.010	4.395	z	4	44569....	583...	3.954	2.55	2....	H1-1b*
56	M67	LL2.5x2.5...	.103	0	35	.009	4.395	z	12	44569....	583...	3.954	2.55	2....	H1-1b
57	M80	PL1/2x6	.100	.112	1	.179	0	y	12	94081....	945...	.984	11....	1....	H1-1b
58	M82	PL1/2x6	.094	.112	5	.188	0	y	4	94081....	945...	.984	11....	1....	H1-1b
59	M91	PL1/2x6	.092	.112	7	.265	0	y	2	94081....	945...	.984	11....	1....	H1-1b
60	M87	PL1/2x6	.091	.112	11	.280	0	y	6	94081....	945...	.984	11....	1....	H1-1b
61	M57	PL1/2x6	.091	.112	9	.169	0	y	8	94081....	945...	.984	11....	1....	H1-1b
62	M62	PL1/2x6	.085	.112	3	.268	0	y	34	94081....	945...	.984	11....	1....	H1-1b

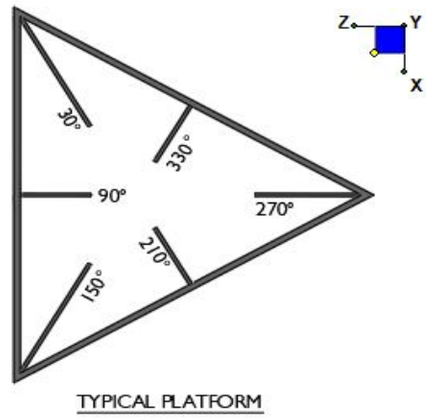
Client:	Verizon Wireless	Date:	3/31/2021
Site Name:	REDDING NE CT - Fire Station		
Project No.	21777032A		
Title:	Mount Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

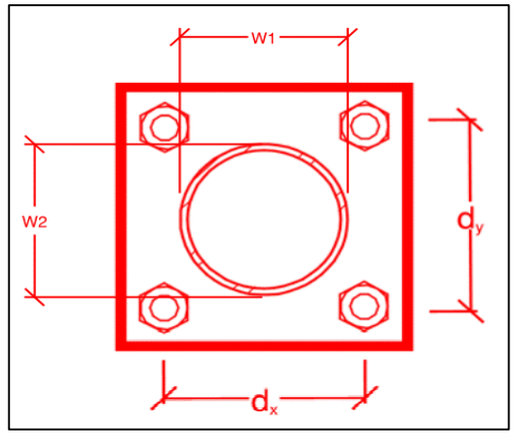
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N3	270
N101A	150
N70B	30



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)* :	7
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	7
Bolt Type:	A307
Bolt Diameter (in):	0.625
Required Tensile Strength (kips):	8.4
Required Shear Strength (kips):	2.7
Tensile Strength / bolt (kips):	10.0
Shear Strength / bolt (kips):	6.0
Tensile Capacity Overall:	**20.9%***
Shear Capacity Overall:	**11.2%**



**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):	10
Plate Height (in):	10
W1 (in):	4
W2 (in):	4
Fy (ksi, plate):	36
t_{Plate} (in):	0.5
Weld Size (1/16 in):	3
Phi*Rn (kip/in):	4.18
Required Weld Strength (kip/in):	0.81
Plate Bending Capacity:	**33.3%**
Weld Capacity:	**19.5%**

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	4.5
$Phi*Mn_{xx}$ *(kip-in)* :	20.3
Mu_{yy} *(kip-in)* :	2.2
$Phi*Mn_{yy}$ *(kip-in)* :	20.3

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

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

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

Base Requirements:

- Any special photos outside of the standard requirements will be indicated on the passing MA
- Verification that loading is as communicated in the Passing Mount Analysis. NOTE If loading is different than what is conveyed contact Maser Consulting Connecticut immediately.
- Each photo should be time and date stamped
- Photos should be high resolution and submitted in a Zip File and should be organized in the file structure as depicted in Schedule A attached.
- Contractor shall ensure that the safety climb wire rope is supported and not adversely impacted by the install of the modification components. This may involve the install of wire rope guides, or other items to protect the wire rope.
- The photos in the file structure should be uploaded to ***https://pmi.vzwsmart.com*** as depicted on the drawings

Photo Requirements:

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

- These photos should also certify that the placement and geometry of the equipment on the mount is as depicted on the sketch and table in the mount analysis
- 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.

Antenna & equipment placement and Geometry Confirmation:

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

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

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

Certifying Individual: Company _____

Name _____

Signature _____

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

Issue:

Contractor shall install new safety climb wire clip standoff onto existing mount collar threaded rods such that the existing wire rope does not make contact with existing mount members.

Response:

Schedule A – Photo & Document File Structure

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

Structure: 468303-VZW - Redding NE

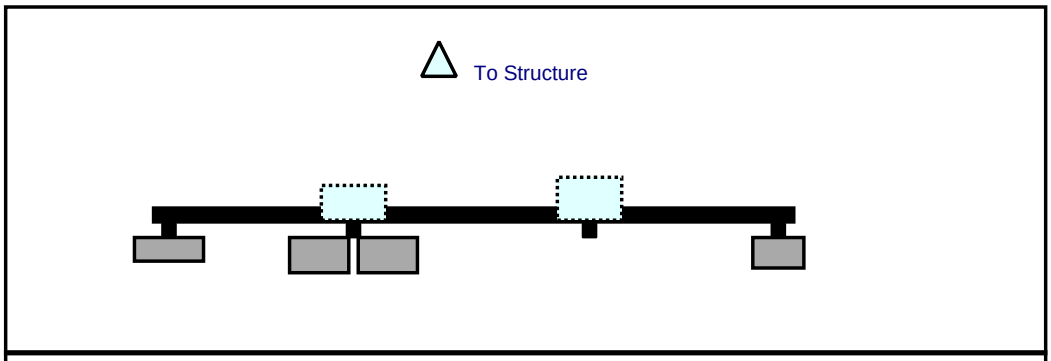
Sector: **A**

Structure Type: Monopole

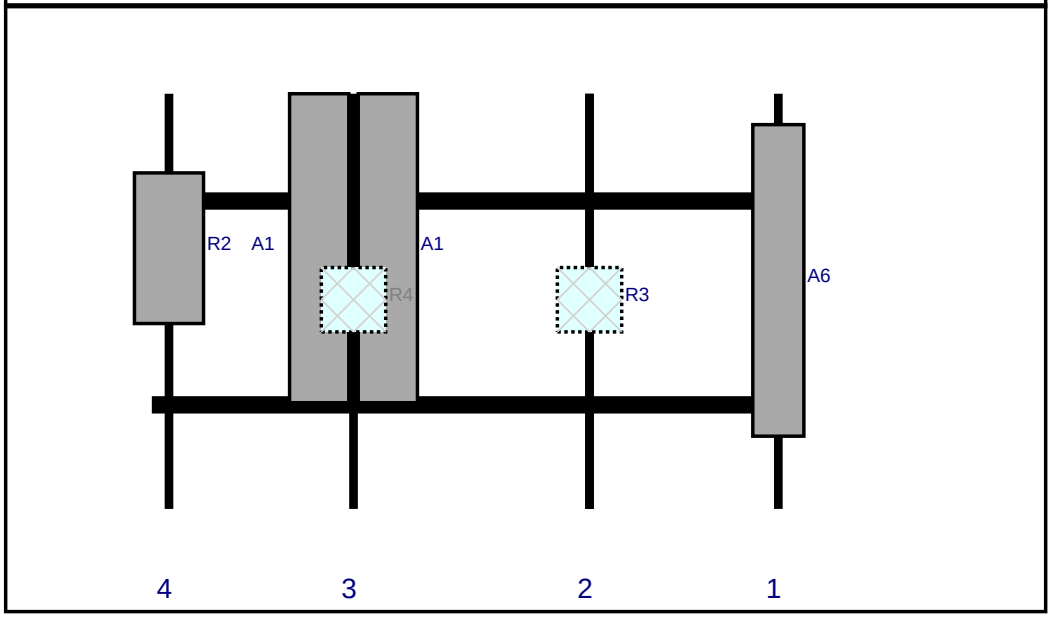
Mount Elev: 132.00

3/31/2021

Plan View



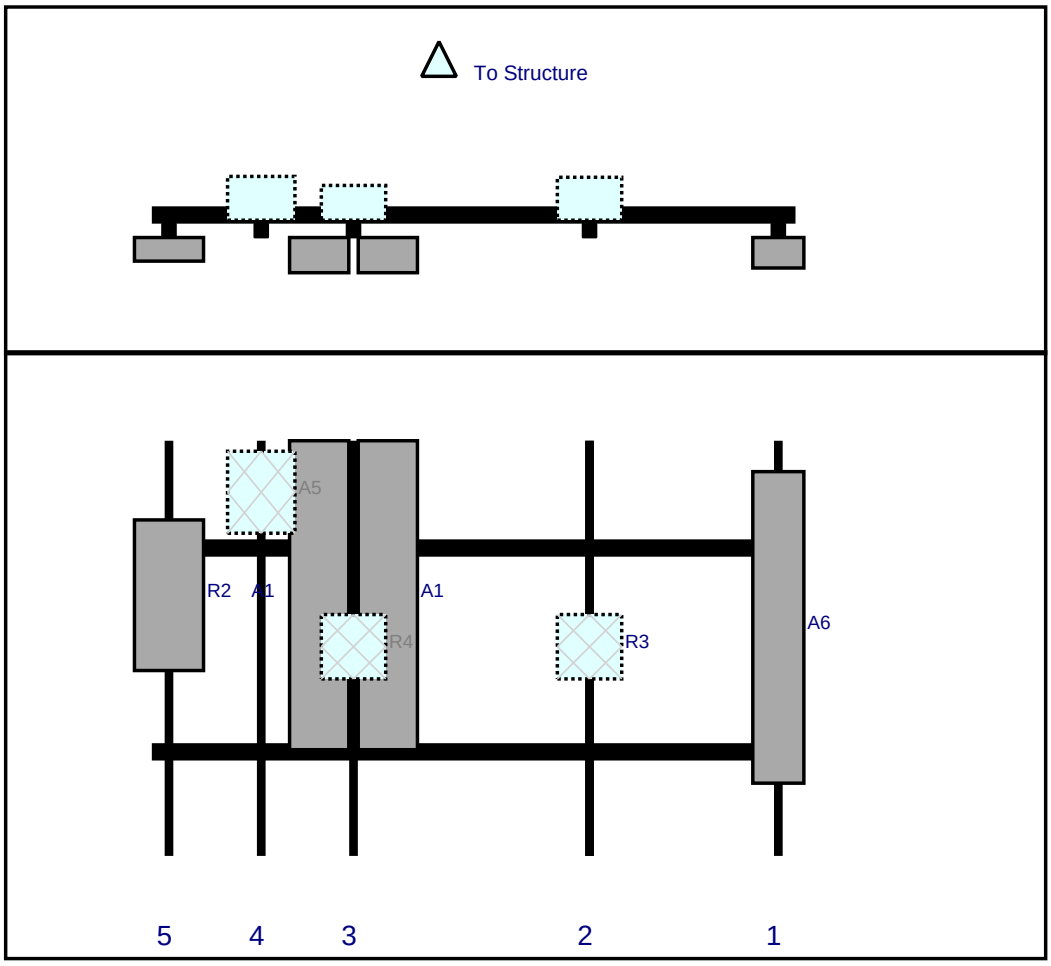
Front View
Looking at Structure



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
A6	SBNHH-1D65B	72.6	11.9	146	1	a	Front	43.5	0	Retained	02/18/2021
R3	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	102	2	a	Behind	48	0	Added	
A1	JAHH-65B-R3B	72	13.8	47	3	a	Front	36	8	Added	
A1	JAHH-65B-R3B	72	13.8	47	3	b	Front	36	-8	Added	
R4	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	47	3	a	Behind	48	0	Added	
R2	MT6407-77A	35.1	16.1	4	4	a	Front	36	0	Added	

Plan View

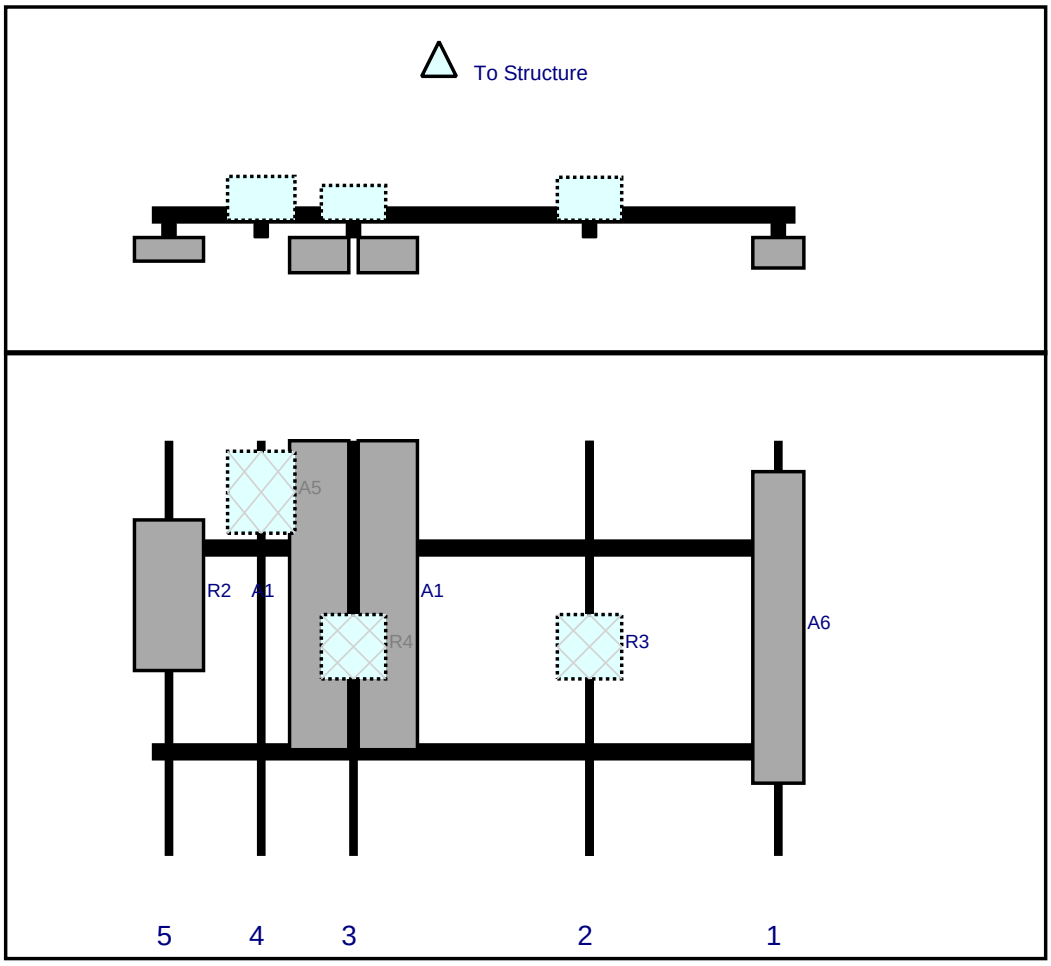
Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A6	SBNHH-1D65B	72.6	11.9	146	1	a	Front	43.5	0	Retained	02/18/2021
R3	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	102	2	a	Behind	48	0	Added	
A1	JAHH-65B-R3B	72	13.8	47	3	a	Front	36	8	Added	
A1	JAHH-65B-R3B	72	13.8	47	3	b	Front	36	-8	Added	
R4	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	47	3	a	Behind	48	0	Added	
A5	RRFDC-3315-PF-48	19.1	15.7	25.5	4	a	Behind	12	0	Retained	02/18/2021
R2	MT6407-77A	35.1	16.1	4	5	a	Front	36	0	Added	

Plan View

Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A6	SBNHH-1D65B	72.6	11.9	146	1	a	Front	43.5	0	Retained	02/18/2021
R3	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	102	2	a	Behind	48	0	Added	
A1	JAHH-65B-R3B	72	13.8	47	3	a	Front	36	8	Added	
A1	JAHH-65B-R3B	72	13.8	47	3	b	Front	36	-8	Added	
R4	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	47	3	a	Behind	48	0	Added	
A5	RRFDC-3315-PF-48	19.1	15.7	25.5	4	a	Behind	12	0	Retained	02/18/2021
R2	MT6407-77A	35.1	16.1	4	5	a	Front	36	0	Added	

Maser Consulting Connecticut

Subject TIA-222-H Usage

Site Information

Site ID: 1835440
Site Name: Redding NE CT-Fire Station
Carrier Name: Verizon Wireless
Address: 186 Black Rock Tpk
Redding, Connecticut 06876
Fairfield County

Latitude: 41.30993638°
Longitude: -73.34759638°

Structure Information

Tower Type: 149.00-Ft Monopole
Mount Type: 12.50-Ft Platform Mount

To Whom It May Concern,

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

The 2018 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,

Taqi Khawaja, P.E.
Technical Manager

ATTACHMENT 5


Silversmith Ln
Black Rock Turnpike
Silversmith Ln
186 Black Rock
Turnpike, Redding, CT...
58
3

REDDING,CT

186 BLACK ROCK TPKE

Location
186 BLACK ROCK TPKE
Mblu
23/ / 72/ /
Acct#
00066200
Owner
REDDING FIRE DISTRICT 1
Assessment
$1,202,800
Appraisal
$1,718,200
PID
676
Building Count
1

Current Value

Appraisal

Valuation Year	Improvements	Land	Total
2020	$1,120,700	$597,500	$1,718,200

Assessment

Valuation Year	Improvements	Land	Total

2020	$784,500	$418,300	$1,202,800

Owner of Record

Owner REDDING FIRE DISTRICT 1
Co-Owner
Address BOX 45
REDDING, CT 06875-0045
Sale Price $0
Certificate 1
Book & Page 0040/0203
Sale Date 01/27/1939
Instrument XX

Ownership History

Ownership History

Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
REDDING FIRE DISTRICT 1	$0	1	0040/0203	XX	01/27/1939

Building Information
Building 1 : Section 1

Year Built: 1927
Living Area: 7,879
Replacement Cost: $1,591,726
Building Percent Good: 70
Replacement Cost Less Depreciation: $1,114,200

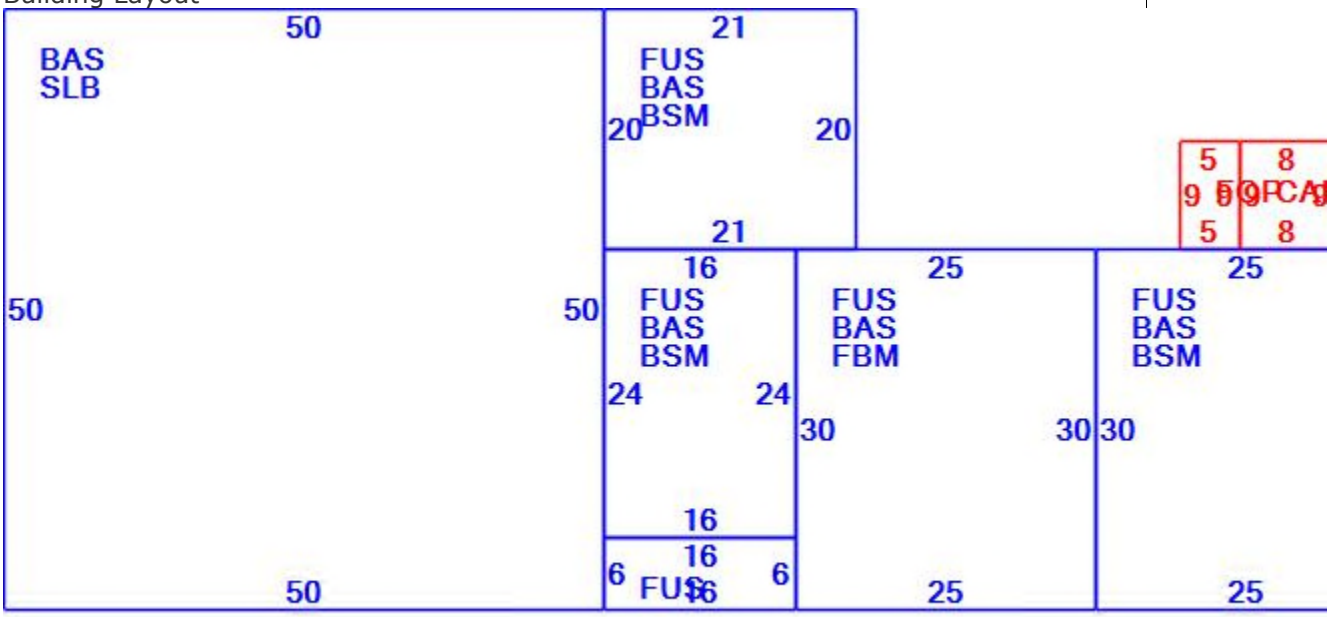
Building Attributes

Field	Description
Style	Fire Station
Model	Ind/Comm
Grade	B-
Stories	1
Occupancy	1.00

Exterior Wall 1	Stucco/Masonry
Exterior Wall 2	Vinyl Siding
Roof Structure	Gable
Roof Cover	Asphalt Shingl
Interior Wall 1	Drywall
Interior Wall 2	
Interior Floor 1	Carpet
Interior Floor 2	Hardwood
Heating Fuel	Oil
Heating Type	Hot Water
AC Type	Central
Struct Class	
Bldg Use	Fire Dept
Bedrooms	
Full Bths	
Half Bths	
1st Floor Use:	
Heat/AC	None
Frame Type	Masonry
Baths/Plumbing	Average
Ceiling/Walls	Ceil & Wall
Rooms/Prtns	Average
Wall Height	9.00
% Comn Wall	

Building Photo

Building Layout



Building Sub-Areas (sq ft) Legend

Code	Description	Gross Area	Living Area
BAS	First Floor	4,804	4,804
FUS	Finished Upper Story	2,400	2,400
FBM	Finished Basement	750	675
BSM	Basement Area	1,554	0
CAN	Canopy	72	0
FOP	Framed Open Porch	90	0
SLB	Slab	2,500	0
UST	Utility Storage	96	0
		12,266	7,879

Extra Features

Extra Features Legend

Code	Description	Size	Value	Bldg #

GEN	Generator	1.00 Units	$0	1

Land

Land Use

Use Code	928
Description	Fire Dept
Zone	R-2
Neighborhood	115
Alt Land Appr	No
Category	

Land Line Valuation

Size (Acres)	0.84
Frontage	
Depth	
Assessed Value	$418,300
Appraised Value	$597,500

Outbuildings

Outbuildings Legend

Code	Description	Sub Code	Sub Description	Size	Value	Bldg #
PAV1	Paving Asph.			4000.00 S.F.	$6,500	1
CGEN	Commercial Generator			1.00 Units	$0	1

Valuation History

Appraisal

Valuation Year	Improvements	Land	Total
2020	$1,120,700	$597,500	$1,718,200
2019	$1,120,700	$597,500	$1,718,200
2018	$1,120,700	$597,500	$1,718,200

Assessment

Valuation Year	Improvements	Land	Total

2020	$784,500	$418,300	$1,202,800
2019	$784,500	$418,300	$1,202,800
2018	$784,500	$418,300	$1,202,800

closecloseclose

ATTACHMENT 6

UNITED STATES POSTAL SERVICE®

REDDING NE

Certificate of Mailing — Firm

Name and Address of Sender	TOTAL NO. of Pieces Listed by Sender	TOTAL NO. of Pieces Received at Post Office™	Affix Stamp Here *Postmark with Date of Receipt.*
Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103	3	3	neopost 07/09/2021 US POSTAGE $002.89⁰ ZIP 06103 041L12203937
	Postmaster, per *(name of receiving employee)* V-P		

USPS® Tracking Number / Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)	Postage	Fee	Special Handling	Parcel Airlift
1.	Julia Pemberton, First Selectwoman Town of Redding 100 Hill Road Redding, CT 06875				
2.	Amy Pardee, Land Use Director Town of Redding ~~Old Town House~~ ~~23 Cross Highway~~ Redding, CT 06875				
3.	Redding Fire District I P.O. Box 45 Redding, CT 06875-0045				
4.					
5.					
6.					

OLD STATE HOUSE STATION 06103 JUL - 9 2021 USPS