Robinson+Cole

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Also admitted in Massachusetts
and New York

September 21, 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**
10 Tanner Marsh Road, Guilford, Connecticut

Dear Attorney Bachman:

Cellco Partnership d/b/a Verizon Wireless ("Cellco") currently maintains an existing wireless telecommunications facility located 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 was approved by the Siting Council ("Council") in July 2013 (Petition No 1066). A copy of the Petition No. 1066 Staff Report is included in Attachment 1.

Cellco now intends to modify its facility by replacing three (3) existing antennas with three (3) Samsung MT6407-77A antennas on its existing mounting platform. A set of project plans showing Cellco's proposed facility modifications and new antennas 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 Guilford's Chief Elected Official and Land Use Officer. The Town of Guilford is the Property Owner.

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

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

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 Cellco's 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 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:
Matthew T. Hoey III, First Selectman for the Town of Guilford
George Kral, Guilford Town Planner
Alex Tyurin

ATTACHMENT 1

Petition No. 1066
CTI Towers Assets I, LLC
Staff Report
July 11, 2013

On May 28, 2013, the Connecticut Siting Council (Council) received a petition (Petition) from CTI Tower Assets I, LLC (CTI) for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required to replace and extend an existing telecommunications facility at 10 Tanner Marsh Road, Guilford. This Petition was field reviewed by Council member Phil Ashton and Michael Perrone of the Council staff on June 17, 2013. Attorney Tom Regan, Attorney Carrie Larson, and Scott Chasse also attended the field review.

Specifically, CTI seeks to replace an existing self-supporting 88-foot lattice tower with a new approximately 150-foot monopole to accommodate Cellco Partnership d/b/a Verizon Wireless (Cellco) and Sprint Nextel Corporation (Sprint). The subject property is owned by the Town of Guilford (Town). This site contains a water tank owned by Connecticut Water Company and a 190-foot lattice tower owned by American Tower Corporation (ATC).

The 88-foot lattice is not tall enough to meet Sprint's coverage objectives. Sprint seeks to locate its antennas at 140 feet, but this location is not available for use on the ATC tower due to existing antennas. Sprint would install nine panel antennas on a low-profile platform at 140 feet AGL on the proposed monopole. The top location of the proposed tower would be 150 feet above ground level (AGL) for Cellco. Cellco would install 12 panel antennas on a low-profile platform at that height. The tallest appurtenance would be lighting rod that would reach 154 feet AGL.

To accommodate the carriers' equipment, the existing fenced compound would be expanded to the north by approximately 12 feet. Cellco would install a 12-foot 8-inch by 24-foot equipment shelter within the fenced compound. Sprint's equipment would be installed on an 8-foot by 11-foot concrete pad.

Lighting or marking of the tower would not be required per the Federal Aviation Administration. The new tower would be structurally adequate to support the proposed loading. The maximum worst-case power density would be 35.3 percent of the applicable limit for the proposed monopole as calculated at the tower base.

The site is located in unshaded Flood Zone X, an area located outside of the 500-year flood zone. There are no wetlands at the site. No trees greater than six inches diameter at breast height would be removed. The project would have no adverse effect on historic resources.

The existing 190-foot lattice tower (approximately 70 feet away and at the same site) is the dominant visual object at the tower site. The 150-foot monopole would be considerably shorter and have a more narrow visual profile. Coax cables would be located inside the tower.

The site is located in a largely commercial area and is located next door to a diner. However, there are residences across the street (Route 1). The nearest is approximately 270 feet to the southwest and located on Route 1. CTI provided notice to abutting property owners on or about May 24, 2013. Council staff received one inquiry about the project, but no objections.

In its July 9, 2013 filing, CTI notes that the structural design standard of the proposed tower has been changed from TIA/EIA-222 Rev. F to Rev. G in response to concerns raised by the Town. This would result in a stronger tower with a basic wind speed design of 125 miles per hour versus the originally proposed 85 miles per hour. Any difference in tower diameter would very small from a visual perspective. By letter dated July 10, 2013, the Town of Guilford Fire Department expressed support for the new tower design.

Given two towers at the same site, staff suggests that a power density report containing the results of post-construction field measurements be submitted within 30 days after completion of construction to certify compliance.

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Existing 88-foot lattice tower proposed to be removed and replaced with a 150-foot monopole.

The corners of the proposed expanded compound are marked with orange cones.

ATTACHMENT 2

VICINITY MAP

SCALE: N.T.S.

N

APPROXIMATE COORDINATES:	LATITUDE:	N41° 17' 19.70"
	LONGITUDE:	W72° 39' 29.90"

NOTE:

AN ANALYSIS OF THE CAPACITY OF THE EXISTING STRUCTURE TO SUPPORT THE PROPOSED LOADING HAS BEEN COMPLETED BY HUDSON DESIGN GROUP, LLC.
DATED: DECEMBER 15, 2020

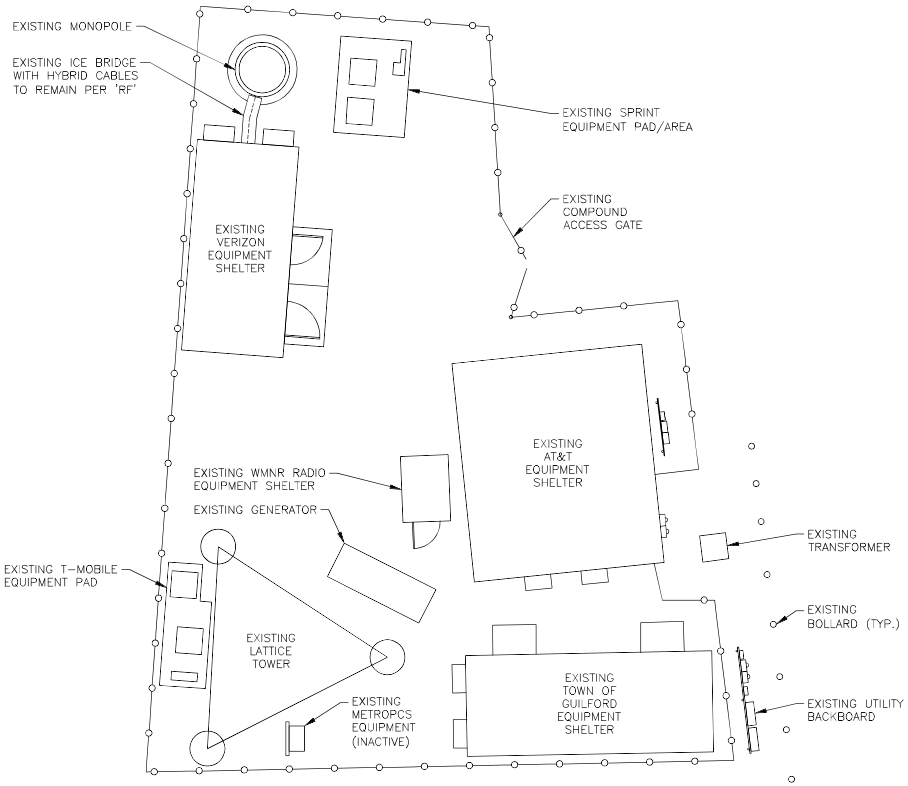
NOTE:

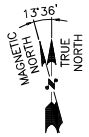
AN ANALYSIS FOR THE CAPACITY OF THE EXISTING ANTENNA MOUNT TO SUPPORT THE PROPOSED LOADING IS BASED UPON THE LATEST MOUNT ASSESSMENT BY MASER CONSULTING P.A.

NOTE:

PROPOSED LICENSED SUB 6 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: 06-16-2020

SCOPE

1. EXISTING (9) ANTENNAS TO REMAIN PER 'RF'.
   EXISTING (3) ANTENNAS TO BE REMOVED PER 'RF'.
   INSTALL (3) PROPOSED ANTENNAS PER 'RF'.
2. EXISTING (6) RRH'S TO REMAIN PER 'RF'.
   INSTALL (3) PROPOSED RRH'S PER 'RF'.
3. EXISTING (2) OVP TO REMAIN PER 'RF'.
4. EXISTING (2) HYBRID CABLES TO REMAIN PER 'RF'.
5. EXISTING (3) DIPLEXERS TO REMAIN PER 'RF'.
6. ALL REPLACEMENT ANTENNAS TO MATCH EXISTING CONDITION & HEIGHTS.
7. 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: NOVEMBER 17, 2020, REV 0.**

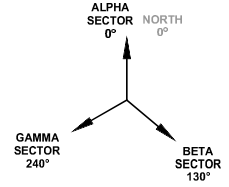
THE CONTRACTOR OF RECORD SHALL CONTACT VZW PRIOR TO ANY AND ALL ORDERING/PURCHASING/INSTALLATION OF EQUIPMENT TO VERIFY THAT THE 'RF' LISTED IN THE DRAWING SET IS CURRENT AND UP TO DATE.

INSTALL NEW 2" STD. (2.38" O.D.) PIPES SECURED TO EXISTING ANTENNA PIPES AND MOUNT FACE (TYP. OF 4 PER SECTOR, TOTAL OF 12)

NOTES

1. NORTH SHOWN AS APPROXIMATE.
2. SOME EXISTING & PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
3. ANTENNAS WILL BE CAMOUFLAGED WITH 3M WRAP, 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: CELLCO PARTNERSHIP D.B.A.

verizon

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

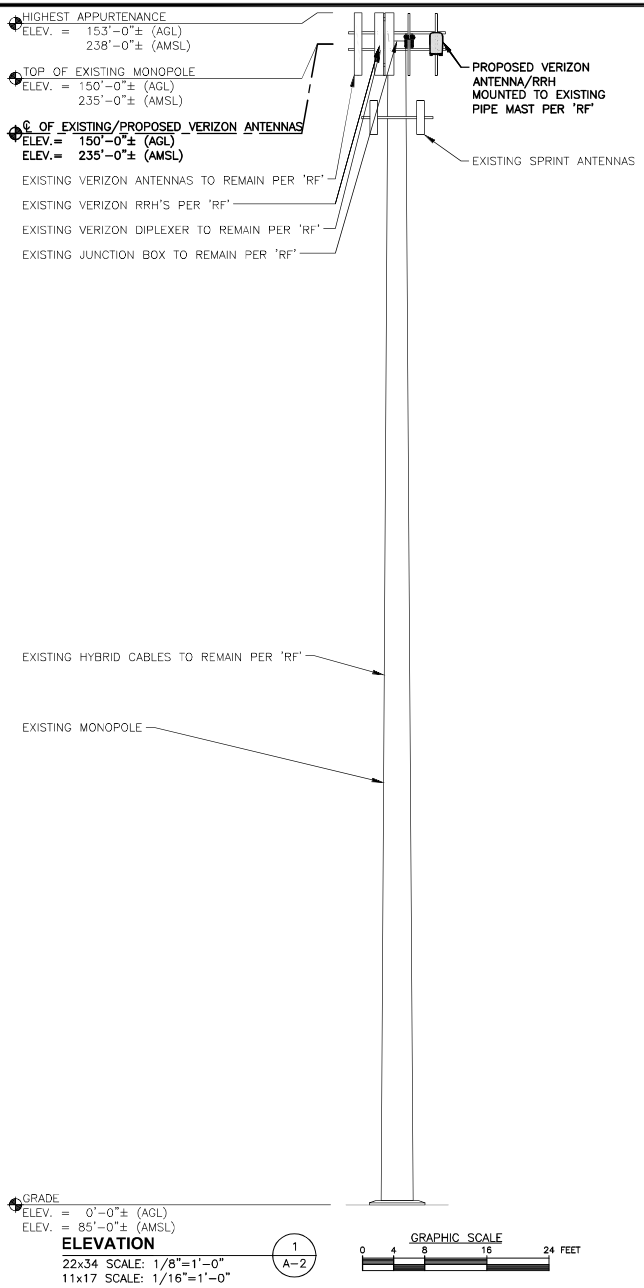
REV.	DATE	DESCRIPTION	BY
0	12/14/20	FOR CONSTRUCTION	AM

SITE NAME:
GUILFORD 3 CT

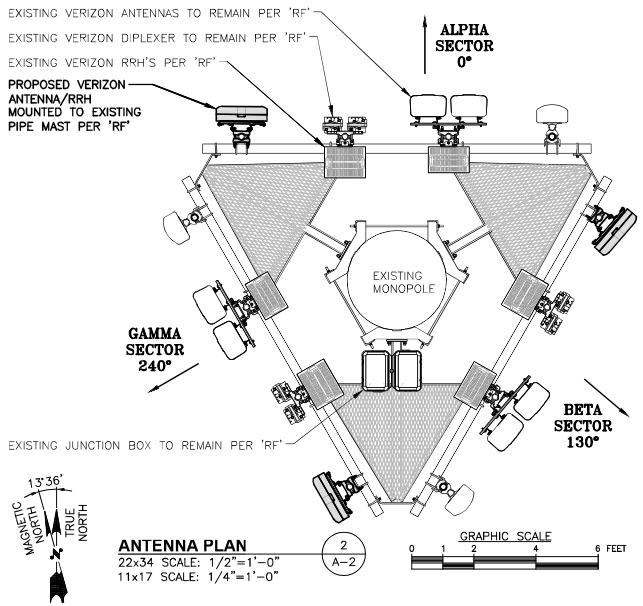
SITE ADDRESS:
10 TANNER MARSH RD
GUILFORD, CT 06437

SHEET TITLE
COMPOUND PLAN

SHEET NUMBER
A-1



ELEVATION (1 / A-2)
22x34 SCALE: 1/8"=1'-0"
11x17 SCALE: 1/16"=1'-0"



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

NOTE:

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DATED: DECEMBER 15, 2020

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WEIGHT (INCLUDING INTEGRATED RRH) 87.1 LBS

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CHECKED BY: JX

APPROVED BY: DPH

SUBMITTALS

REV.	DATE	DESCRIPTION	BY
0	12/14/20	FOR CONSTRUCTION	AM

SITE NAME:
GUILFORD 3 CT

SITE ADDRESS:
10 TANNER MARSH RD
GUILFORD, CT 06437

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-H 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 D1.1. 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: CELLCO PARTNERSHIP D.B.A.
verizon
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
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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	12/14/20	FOR CONSTRUCTION	AM

SITE NAME:
GUILFORD 3 CT

SITE ADDRESS:
10 TANNER MARSH RD
GUILFORD, CT 06437

SHEET TITLE
STRUCTURAL NOTES & SPECIAL INSPECTIONS

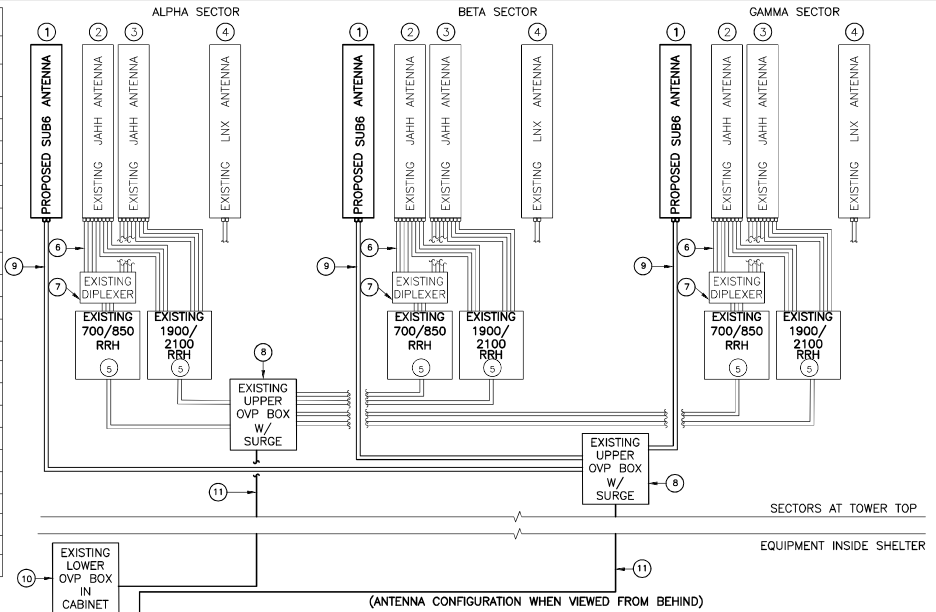
SHEET NUMBER
SN-1

BILL OF MATERIAL

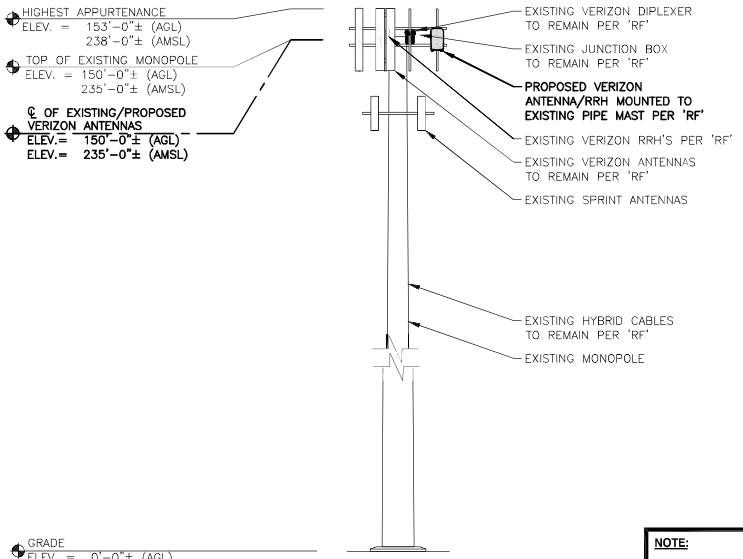
SITE NAME: GUILFORD 3 CT

ITEM	DESCRIPTION	QTY	LENGTH	COMMENTS
(1)	**PROPOSED L-SUB6 ANTENNA W/ VZS01 RRH**	**3**		**MOUNTED TO EXISTING PIPE MAST**
(2)	EXISTING JAHH-65B-R3B ANTENNA	3		MOUNTED TO EXISTING PIPE MAST
(3)	EXISTING JAHH-65B-R3B ANTENNA	3		MOUNTED TO EXISTING PIPE MAST
(4)	EXISTING LNX-6514DS-A1M ANTENNA	3		MOUNTED TO EXISTING PIPE MAST
(5)	EXISTING SAMSUNG RRH B5/B13 RRH-BR04C	3		MOUNTED TO EXISTING PIPE MAST
(5)	EXISTING SAMSUNG RRH B2/B66A RRH-BR049	3		MOUNTED TO EXISTING PIPE MAST
(6)	EXISTING 1/2" TOP COAX JUMPERS	60	6 FT.	ROUTE FROM RRH/DIPLEXER TO ANTENNA
(7)	EXISTING DIPLEXER	3		MOUNTED TO EXISTING PIPE MAST
(8)	EXISTING UPPER OVP	2		MOUNTED TO EXISTING PIPE MAST
(9)	**PROPOSED SAMSUNG FIBER JUMPER CABLES**	**3**	**15 FT.**	**ROUTE FROM OVP TO RRH**
(9)	**PROPOSED SAMSUNG POWER JUMPER CABLES**	**3**	**15 FT.**	**ROUTE FROM OVP TO RRH**
(9)	EXISTING SAMSUNG FIBER JUMPER CABLES	6	15 FT.	ROUTE FROM OVP TO RRH
(9)	EXISTING SAMSUNG POWER JUMPER CABLES	6	15 FT.	ROUTE FROM OVP TO RRH
(10)	EXISTING LOWER OVP	2		RACK MOUNTED INSIDE RACK
(11)	EXISTING 6x12 HYBRID CABLE	2	120 FT.	ROUTE FROM LOWER OVP TO UPPER OVP

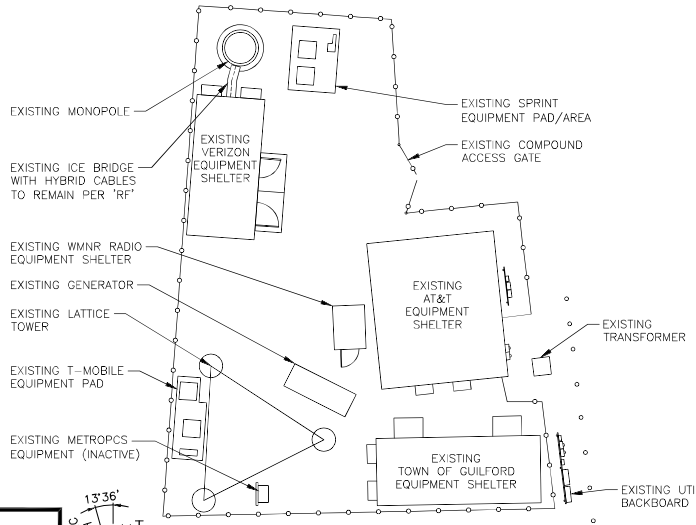
THE ABOVE RF-BOM SHEET IS BASED ON INFORMATION LISTED ON ANTENNA RECOMMENDATION SHEET DATED 11/17/20



RF CABLE PLUMBING DIAGRAM (1 / RF-1)
SCALE: N.T.S



ELEVATION (2 / RF-1)
22x34 SCALE: 1/8"=1'-0"
11x17 SCALE: 1/16"=1'-0"
GRAPHIC SCALE 0 4 8 16 24 FEET



NOTE:

PROPOSED LICENSED SUB 6 ANTENNA SIZE AND WEIGHT ARE NOT TO EXCEED:

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

COMPOUND PLAN (3 / RF-1)
22x34 SCALE: 1/8"=1'-0"
11x17 SCALE: 1/16"=1'-0"
GRAPHIC SCALE 0 4 8 16 24 FEET

PREPARED FOR: CELLCO PARTNERSHIP D.B.A.
verizon
HUDSON Design Group LLC
45 BEECHWOOD DRIVE
N. ANDOVER, MA 01845
TEL: (978) 557-5553
FAX: (978) 336-5586

CHECKED BY: JX

APPROVED BY: DPH

SUBMITTALS

REV.	DATE	DESCRIPTION	BY
0	12/14/20	FOR CONSTRUCTION	SF

SITE NAME:
GUILFORD 3 CT

SITE ADDRESS:
10 TANNER MARSH RD
GUILFORD, CT 06437

SHEET TITLE
RF PLUMBING DIAGRAM & BILL OF MATERIALS

SHEET NUMBER
RF-1

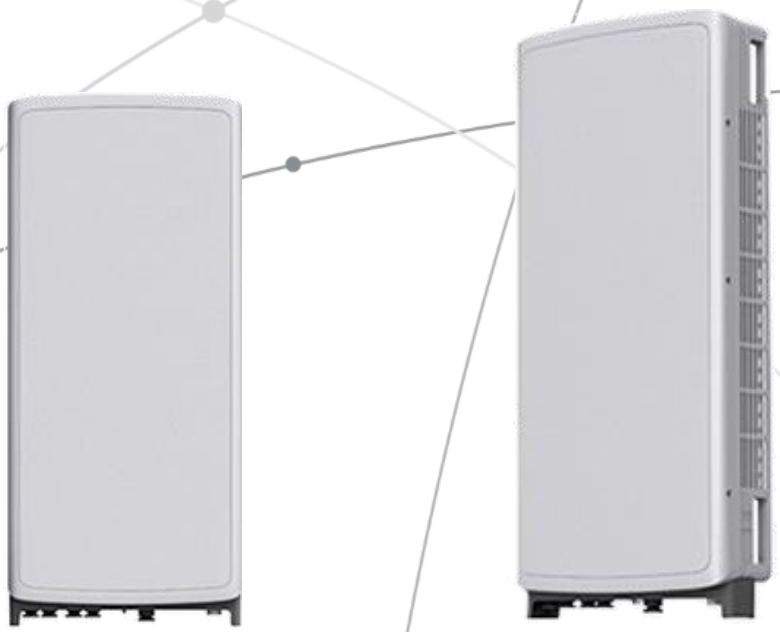
SAMSUNG

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

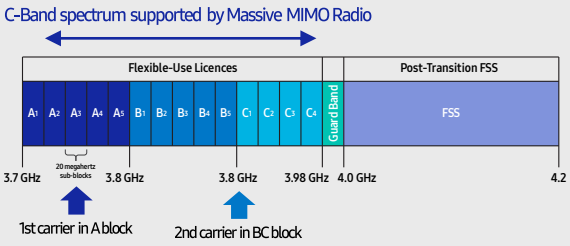


Points of Differentiation

Wide Bandwidth

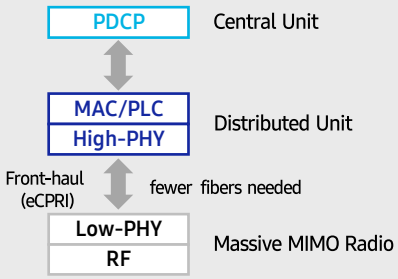
With capability to support up to 2 CC carrier configuration, Samsung C-Band massive MIMO Radio supports 200 MHz bandwidth in the C-Band spectrum.

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.

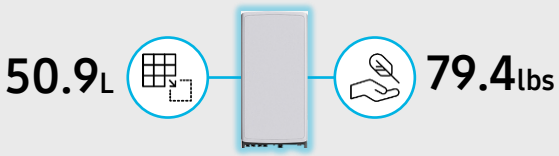
This helps operators reduce their CAPEX as they now need less products to cover the same area than before.

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

ATTACHMENT 3

	General	Power	Density					
Site Name: Guilford 3								
Tower Height: Verizon @ 150ft								
CARRIER	**# OF CHAN.**	**WATTS ERP**	**HEIGHT**	**FREQ.**	**CALC. POWER DENS**	**MAX. PERMISS. EXP.**	**FRACTION MPE**	**Total**
*AT&T	1	715	166	737	0.0100	0.4913	0.20%	
*AT&T	1	6401	166	2100	0.0899	1.0000	0.90%	
*AT&T	1	1122	166	850	0.0158	0.5667	0.28%	
*AT&T	1	2153	166	763	0.0302	0.5087	0.59%	
*AT&T	1	2692	166	2300	0.0378	1.0000	0.38%	
*AT&T	0	1122	166	850	0.0000	0.5667	0.00%	
*AT&T	1	1072	166	722	0.0151	0.4813	0.31%	
*AT&T	1	3445	166	1900	0.0484	1.0000	0.48%	
*AT&T	1	1133	166	850	0.0159	0.5667	0.28%	
*Sprint	2	693	140	1900	0.0278	1.0000	0.28%	
*Sprint	1	390	140	850	0.0078	0.5667	0.14%	
*Sprint	1	780	140	2500	0.0156	1.0000	0.16%	
*TCI	1	1	90	444.5	0.0001	0.2963	0.00%	
VZW 700	**4**	**628**	**150**	**751**	**0.0040**	**0.5007**	**0.80%**	
VZW Cellular	**4**	**725**	**150**	**874**	**0.0046**	**0.5827**	**0.79%**	
VZW PCS	**4**	**1525**	**150**	**1975**	**0.0098**	**1.0000**	**0.98%**	
VZW AWS	**4**	**1493**	**150**	**2120**	**0.0095**	**1.0000**	**0.95%**	
VZW CBAND	**4**	**6531**	**150**	**3730.08**	**0.0418**	**1.0000**	**4.18%**	
								11.70%
* Source: Siting Council								

ATTACHMENT 4

STRUCTURAL ANALYSIS REPORT

For

SITE NUMBER: GUILFORD 3 CT

10 Tanner Marsh Road
Guilford, CT 06437

Antennas Mounted on Monopole

Prepared for:

verizon

118 Flanders Road
Westborough, MA 01581

Dated: December 15, 2020

Prepared by:

HDG | 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 Engineering, PLLC (HDG) has been authorized by Verizon to conduct a structural evaluation of the 150' monopole supporting the proposed Verizon's antennas located at elevation 150' 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.

The following documents were used for our reference:

- Structural Analysis prepared by Bennett & Pless dated November 7, 2018.

CONCLUSION SUMMARY:

Based on our evaluation, we have determined that the existing monopole **is 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 **72.5 %** - (Pole Section-L1 from EL.113' to EL.150' Controlling).

FOUNDATION SUMMARY:

Based on our evaluation, we have determined that the existing foundation **is 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 **43.3 %** - (Moment Controlling).

HUDSON Design Group LLC

APPURTENANCES CONFIGURATION:

Tenant	Appurtenances	Elev.	Mount
Verizon	(6) JAHH-65B-R3B Antennas	150'	Platform
Verizon	(3) LNX-6514DS-A1M Antennas	150'	Platform
Verizon	(3) B2/B66A RRH-R049 RRH's	150'	Platform
Verizon	(3) B5/B13 RRH-R04C RRH's	150'	Platform
Verizon	(3) RFS FDJ85020Q4-S1 Diplexers	150'	Platform
Verizon	(2) Junction Boxes	150'	Platform
Verizon	**(3) Licensed Sub 6 Antennas**	150'	Platform
Sprint	(3) APXVTM14-C-120 Antennas	140'	Platform
Sprint	(3) APXVSPP18-C-A20 Antennas	140'	Platform
Sprint	(3) TD-RRH8x20-25 RRH's	140'	Platform
Sprint	(3) 800 RRH's	140'	Platform
Sprint	(3) 1900 RRH's	140'	Platform

Proposed Verizon Appurtenances shown in Bold.

VERIZON EXISTING/PROPOSED COAX CABLES:

Tenant	Coax Cables	Elev.	Mount
Verizon	(2) Fiber Cable	150'	Inside Pole
Verizon	(6) 1 5/8" Cables	150'	Inside Pole

Proposed Verizon Coax Cables shown in Bold.

ANALYSIS RESULTS SUMMARY:

Component	Max. Stress Ratio	Elev. of Component (ft)	Pass/Fail	Comments
Pole Section-L1	**72.5 %**	113 – 150	PASS	**Controlling**
Pole Section-L2	64.9 %	91.25 – 113	PASS	
Pole Section-L3	61.5 %	46.25 – 91.25	PASS	
Pole Section-L4	56.0 %	0 – 46.25	PASS	
Base Plate	47.5 %	0	PASS	
Anchor Rods	54.5 %	0	PASS	
Foundation	43.3 %	-	PASS	

DESIGN CRITERIA:

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

   County: New Haven
   Ultimate Wind Speed: 130 mph (3 second gust)
   Nominal Wind Speed: 101 mph
   Minimum Basic Wind Speed: 95 mph (per TIA-222-G)
   Structural Class: II
   Exposure Category: C
   Topographic Category: 1
   Nominal Ice Thickness: 0.75 inch

2. Approximate height above grade to proposed antennas: 150'

***Calculations and referenced documents are attached.**

ASSUMPTIONS:

1. 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.

2. 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.

3. 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.

SUPPORT RECOMMENDATIONS:

HDG recommends that the proposed antennas be mounted on the existing platform supported by the monopole.

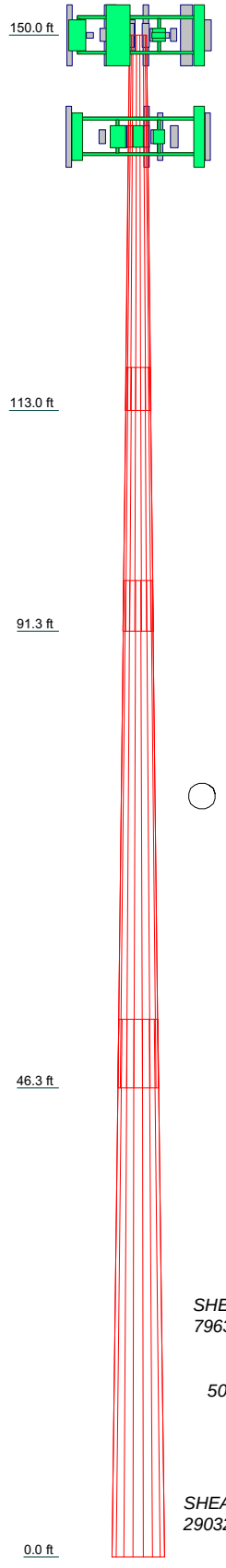
Reference HDG's Latest Construction Drawings for all component and connection requirements (attached).

Photo 1: Photo illustrating the Tower with Appurtenances shown.

HUDSON
Design Group LLC

CALCULATIONS

Section	Length (ft)	Number of Sides	Thickness (in)	Socket Length (ft)	Top Dia (in)	Bot Dia (in)	Grade	Weight (lb)
1	37.00	18	0.1875	4.25	20.0000	30.4800		1877.1
2	26.00	18	0.2500	5.00	28.9012	36.2700		2270.1
3	50.00	18	0.3125	6.75	34.3529	48.5200	A572-65	6940.0
4	53.00	18	0.3750		45.9824	61.0000		11401.9
								22489.0



ALL REACTIONS ARE FACTORED

AXIAL 59465 lb

SHEAR 7963 lb *MOMENT 833294 lb-ft*

TORQUE 232 lb-ft
50 mph WIND - 0.7500 in ICE

AXIAL 36431 lb

SHEAR 29032 lb *MOMENT 3078553 lb-ft*

TORQUE 971 lb-ft
REACTIONS - 101 mph WIND

DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
Platform w/ Handrails	150	Licensed Sub 6 Antenna w/ Mounting Pipe (Verizon)	150
(2) JAHH-65B-R3B Antenna w/ Mounting Pipe (Verizon)	150	Licensed Sub 6 Antenna w/ Mounting Pipe (Verizon)	150
(2) JAHH-65B-R3B Antenna w/ Mounting Pipe (Verizon)	150	Platform w/ Handrails (Sprint)	140
(2) JAHH-65B-R3B Antenna w/ Mounting Pipe (Verizon)	150	APXVTM14-C-120 Antenna w/ Mounting Pipe (Sprint)	140
LNX-6514DS-A1M Antenna w/ Mounting Pipe (Verizon)	150	APXVTM14-C-120 Antenna w/ Mounting Pipe (Sprint)	140
LNX-6514DS-A1M Antenna w/ Mounting Pipe (Verizon)	150	APXVTM14-C-120 Antenna w/ Mounting Pipe (Sprint)	140
LNX-6514DS-A1M Antenna w/ Mounting Pipe (Verizon)	150	APXVSPP18-C-A20 Antenna w/ Mounting Pipe (Sprint)	140
B5/13 RRH-BR04C RRH (Verizon)	150	APXVSPP18-C-A20 Antenna w/ Mounting Pipe (Sprint)	140
B5/13 RRH-BR04C RRH (Verizon)	150	APXVSPP18-C-A20 Antenna w/ Mounting Pipe (Sprint)	140
B5/13 RRH-BR04C RRH (Verizon)	150	TD-RRH8x20-25 RRH (Sprint)	140
B2/B66A RRH-BR049 RRH (Verizon)	150	TD-RRH8x20-25 RRH (Sprint)	140
B2/B66A RRH-BR049 RRH (Verizon)	150	TD-RRH8x20-25 RRH (Sprint)	140
B2/B66A RRH-BR049 RRH (Verizon)	150	800 RRH (Sprint)	140
RFS FDJ85020Q4-S1 Diplexer w/ Mounting Pipe (Verizon)	150	800 RRH (Sprint)	140
RFS FDJ85020Q4-S1 Diplexer w/ Mounting Pipe (Verizon)	150	800 RRH (Sprint)	140
RFS FDJ85020Q4-S1 Diplexer w/ Mounting Pipe (Verizon)	150	1900 RRH (Sprint)	140
Junction Box (Verizon)	150	1900 RRH (Sprint)	140
Junction Box (Verizon)	150	1900 RRH (Sprint)	140
Licensed Sub 6 Antenna w/ Mounting Pipe (Verizon)	150		

MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in New Haven County, Connecticut.
2. Tower designed for Exposure C to the TIA-222-G Standard.
3. Tower designed for a 101 mph basic wind in accordance with the TIA-222-G Standard.
4. Tower is also designed for a 50 mph basic wind with 0.75 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Structure Class II.
7. Topographic Category 1 with Crest Height of 0.00 ft

Hudson Design Group LLC
45 Bechwood Drive
North Andover, MA 01845
Phone: (978) 557-5553
FAX: (978) 336-5586

Job: **150' Monopole**			
Project: **Guilford 3 CT**			
Client: Verizon	Drawn by: ID	App'd:	
Code: TIA-222-G	Date: 12/16/20	Scale: NTS	
Path: W:\STRUCTURAL DEPARTMENT\ANALYSIS SOFTWARE\TnxTower\Tnx Projects\VERIZON\CT\Guilford 3 CT (MP)\Guilford 3 CT (MP).eri		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 New Haven County, Connecticut.
Basic wind speed of 101 mph.
Structure Class II.
Exposure Category C.
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 pcf.
A wind speed of 50 mph is used in combination with ice.
Temperature drop of 50 °F.
Deflections calculated using a wind speed of 60 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	150.00-113.00	37.00	4.25	18	20.0000	30.4800	0.1875	0.7500	A572-65 (65 ksi)
L2	113.00-91.25	26.00	5.00	18	28.9012	36.2700	0.2500	1.0000	A572-65 (65 ksi)
L3	91.25-46.25	50.00	6.75	18	34.3529	48.5200	0.3125	1.2500	A572-65 (65 ksi)
L4	46.25-0.00	53.00		18	45.9824	61.0000	0.3750	1.5000	A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in^2	I in^4	r in	C in	I/C in^3	J in^4	It/Q in^2	w in	w/t
L1	20.2796	11.7909	584.7409	7.0334	10.1600	57.5532	1170.2512	5.8966	3.1900	17.013
	30.9213	18.0278	2090.0227	10.7538	15.4838	134.9809	4182.7954	9.0156	5.0345	26.851
L2	30.5316	22.7347	2357.8359	10.1712	14.6818	160.5956	4718.7742	11.3695	4.6466	18.586
	36.7910	28.5819	4685.0638	12.7871	18.4252	254.2753	9376.2923	14.2937	5.9435	23.774
L3	36.2732	33.7638	4942.8720	12.0844	17.4513	283.2383	9892.2479	16.8851	5.4961	17.588
	49.2203	47.8158	14039.0663	17.1137	24.6482	569.5787	28096.6055	23.9125	7.9895	25.566
L4	48.5761	54.2843	14265.3644	16.1906	23.3591	610.6988	28549.4996	27.1473	7.4329	19.821
	61.8832	72.1589	33506.6412	21.5219	30.9880	1081.2780	67057.3713	36.0863	10.0760	26.869

Tower Elevation ft	Gusset Area (per face) ft^2	Gusset Thickness in	Gusset Grade	Adjust. Factor A_f	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
L1 150.00-113.00				1	1	1			
L2 113.00-91.25				1	1	1			
L3 91.25-46.25				1	1	1			
L4 46.25-0.00				1	1	1			

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
Fiber (Verizon)	C	No	Yes	Inside Pole	150.00 - 6.00	2	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	0.48 0.48 0.48
FLC 158-50J (1 5/8 FOAM) (Verizon)	C	No	Yes	Inside Pole	150.00 - 6.00	6	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	0.92 0.92 0.92
LCF114-50J (1-1/4 FOAM) (Sprint)	C	No	Yes	Inside Pole	140.00 - 6.00	3	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	0.70 0.70 0.70

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
Platform w/ Handrails	C	None			0.0000	150.00	No Ice 1/2" Ice 1" Ice	26.30 35.60 44.90	26.30 35.60 44.90	1920.00 2340.00 2760.00
(2) JAHH-65B-R3B Antenna w/ Mounting Pipe (Verizon)	A	From Face	3.50 2.00 0.00		0.0000	150.00	No Ice 1/2" Ice 1" Ice	16.63 17.16 17.70	12.25 13.10 13.95	162.74 302.60 452.64
(2) JAHH-65B-R3B Antenna w/ Mounting Pipe (Verizon)	B	From Face	3.50 2.00 0.00		0.0000	150.00	No Ice 1/2" Ice 1" Ice	16.63 17.16 17.70	12.25 13.10 13.95	162.74 302.60 452.64
(2) JAHH-65B-R3B Antenna w/ Mounting Pipe (Verizon)	C	From Face	3.50 2.00 0.00		0.0000	150.00	No Ice 1/2" Ice 1" Ice	16.63 17.16 17.70	12.25 13.10 13.95	162.74 302.60 452.64
LNX-6514DS-A1M Antenna w/ Mounting Pipe (Verizon)	A	From Face	3.50 -6.00 0.00		0.0000	150.00	No Ice 1/2" Ice 1" Ice	8.20 8.66 9.13	6.85 7.81 8.64	52.90 119.42 193.78
LNX-6514DS-A1M Antenna w/ Mounting Pipe (Verizon)	B	From Face	3.50 -6.00 0.00		0.0000	150.00	No Ice 1/2" Ice 1" Ice	8.20 8.66 9.13	6.85 7.81 8.64	52.90 119.42 193.78
LNX-6514DS-A1M Antenna w/ Mounting Pipe	C	From Face	3.50 -6.00		0.0000	150.00	No Ice 1/2" Ice	8.20 8.66	6.85 7.81	52.90 119.42

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft	Offsets: Vert ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight lb
(Verizon)			0.00				1" Ice	9.13	8.64	193.78
B5/13 RRH-BR04C RRH	A	From Face	2.00	0.0000	150.00		No Ice	1.88	1.01	82.00
(Verizon)			2.00				1/2" Ice	2.05	1.14	98.43
			0.00				1" Ice	2.22	1.28	117.53
B5/13 RRH-BR04C RRH	B	From Face	2.00	0.0000	150.00		No Ice	1.88	1.01	82.00
(Verizon)			2.00				1/2" Ice	2.05	1.14	98.43
			0.00				1" Ice	2.22	1.28	117.53
B5/13 RRH-BR04C RRH	C	From Face	2.00	0.0000	150.00		No Ice	1.88	1.01	82.00
(Verizon)			2.00				1/2" Ice	2.05	1.14	98.43
			0.00				1" Ice	2.22	1.28	117.53
B2/B66A RRH-BR049 RRH	A	From Face	2.00	0.0000	150.00		No Ice	1.88	1.25	98.00
(Verizon)			-2.00				1/2" Ice	2.05	1.39	116.34
			0.00				1" Ice	2.22	1.54	137.47
B2/B66A RRH-BR049 RRH	B	From Face	2.00	0.0000	150.00		No Ice	1.88	1.25	98.00
(Verizon)			-2.00				1/2" Ice	2.05	1.39	116.34
			0.00				1" Ice	2.22	1.54	137.47
B2/B66A RRH-BR049 RRH	C	From Face	2.00	0.0000	150.00		No Ice	1.88	1.25	98.00
(Verizon)			-2.00				1/2" Ice	2.05	1.39	116.34
			0.00				1" Ice	2.22	1.54	137.47
RFS FDJ85020Q4-S1	A	From Face	3.50	0.0000	150.00		No Ice	2.25	1.78	45.50
Diplexer w/ Mounting Pipe			-2.00				1/2" Ice	2.84	2.36	70.95
(Verizon)			0.00				1" Ice	3.31	2.81	100.23
RFS FDJ85020Q4-S1	B	From Face	3.50	0.0000	150.00		No Ice	2.25	1.78	45.50
Diplexer w/ Mounting Pipe			-2.00				1/2" Ice	2.84	2.36	70.95
(Verizon)			0.00				1" Ice	3.31	2.81	100.23
RFS FDJ85020Q4-S1	C	From Face	3.50	0.0000	150.00		No Ice	2.25	1.78	45.50
Diplexer w/ Mounting Pipe			-2.00				1/2" Ice	2.84	2.36	70.95
(Verizon)			0.00				1" Ice	3.31	2.81	100.23
Junction Box	A	From Face	0.00	0.0000	150.00		No Ice	3.78	2.51	32.00
(Verizon)			0.00				1/2" Ice	4.03	2.72	63.40
			0.00				1" Ice	4.29	2.94	98.56
Junction Box	B	From Face	0.00	0.0000	150.00		No Ice	3.78	2.51	32.00
(Verizon)			0.00				1/2" Ice	4.03	2.72	63.40
			0.00				1" Ice	4.29	2.94	98.56
***										
Licensed Sub 6 Antenna w/	A	From Face	3.50	0.0000	150.00		No Ice	6.54	3.37	118.90
Mounting Pipe			6.00				1/2" Ice	7.10	4.10	169.80
(Verizon)			0.00				1" Ice	7.60	4.70	226.53
Licensed Sub 6 Antenna w/	B	From Face	3.50	0.0000	150.00		No Ice	6.54	3.37	118.90
Mounting Pipe			6.00				1/2" Ice	7.10	4.10	169.80
(Verizon)			0.00				1" Ice	7.60	4.70	226.53
Licensed Sub 6 Antenna w/	C	From Face	3.50	0.0000	150.00		No Ice	6.54	3.37	118.90
Mounting Pipe			6.00				1/2" Ice	7.10	4.10	169.80
(Verizon)			0.00				1" Ice	7.60	4.70	226.53
***										
Platform w/ Handrails	C	None			0.0000	140.00	No Ice	26.30	26.30	1920.00
(Sprint)							1/2" Ice	35.60	35.60	2340.00
							1" Ice	44.90	44.90	2760.00
APXVTM14-C-120 Antenna	A	From Face	0.00		0.0000	140.00	No Ice	6.65	5.03	78.90
w/ Mounting Pipe			6.00				1/2" Ice	7.14	5.89	134.31
(Sprint)			0.00				1" Ice	7.60	6.63	196.47
APXVTM14-C-120 Antenna	B	From Face	3.50		0.0000	140.00	No Ice	6.65	5.03	78.90
w/ Mounting Pipe			6.00				1/2" Ice	7.14	5.89	134.31
(Sprint)			0.00				1" Ice	7.60	6.63	196.47
APXVTM14-C-120 Antenna	C	From Face	3.50		0.0000	140.00	No Ice	6.65	5.03	78.90
w/ Mounting Pipe			6.00				1/2" Ice	7.14	5.89	134.31
(Sprint)			0.00				1" Ice	7.60	6.63	196.47

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight lb
APXVSPP18-C-A20 Antenna	A	From Face	3.50	0.0000	140.00	No Ice	8.02	7.23	83.90
w/ Mounting Pipe			-6.00			1/2" Ice	8.48	8.19	151.78
(Sprint)			0.00			1" Ice	8.94	9.02	227.47
APXVSPP18-C-A20 Antenna	B	From Face	3.50	0.0000	140.00	No Ice	8.02	7.23	83.90
w/ Mounting Pipe			-6.00			1/2" Ice	8.48	8.19	151.78
(Sprint)			0.00			1" Ice	8.94	9.02	227.47
APXVSPP18-C-A20 Antenna	C	From Face	3.50	0.0000	140.00	No Ice	8.02	7.23	83.90
w/ Mounting Pipe			-6.00			1/2" Ice	8.48	8.19	151.78
(Sprint)			0.00			1" Ice	8.94	9.02	227.47
TD-RRH8x20-25 RRH	A	From Face	2.00	0.0000	140.00	No Ice	4.05	1.53	70.00
(Sprint)			2.00			1/2" Ice	4.30	1.71	97.14
			0.00			1" Ice	4.56	1.90	127.80
TD-RRH8x20-25 RRH	B	From Face	2.00	0.0000	140.00	No Ice	4.05	1.53	70.00
(Sprint)			2.00			1/2" Ice	4.30	1.71	97.14
			0.00			1" Ice	4.56	1.90	127.80
TD-RRH8x20-25 RRH	C	From Face	2.00	0.0000	140.00	No Ice	4.05	1.53	70.00
(Sprint)			2.00			1/2" Ice	4.30	1.71	97.14
			0.00			1" Ice	4.56	1.90	127.80
800 RRH	A	From Face	2.00	0.0000	140.00	No Ice	1.71	1.84	64.00
(Sprint)			-2.00			1/2" Ice	1.88	2.01	85.14
			0.00			1" Ice	2.05	2.19	109.25
800 RRH	B	From Face	2.00	0.0000	140.00	No Ice	1.71	1.84	64.00
(Sprint)			-2.00			1/2" Ice	1.88	2.01	85.14
			0.00			1" Ice	2.05	2.19	109.25
800 RRH	C	From Face	2.00	0.0000	140.00	No Ice	1.71	1.84	64.00
(Sprint)			-2.00			1/2" Ice	1.88	2.01	85.14
			0.00			1" Ice	2.05	2.19	109.25
1900 RRH	A	From Face	0.00	0.0000	140.00	No Ice	2.31	2.38	60.00
(Sprint)			0.00			1/2" Ice	2.52	2.58	83.90
			0.00			1" Ice	2.73	2.79	111.08
1900 RRH	B	From Face	0.00	0.0000	140.00	No Ice	2.31	2.38	60.00
(Sprint)			0.00			1/2" Ice	2.52	2.58	83.90
			0.00			1" Ice	2.73	2.79	111.08
1900 RRH	C	From Face	0.00	0.0000	140.00	No Ice	2.31	2.38	60.00
(Sprint)			0.00			1/2" Ice	2.52	2.58	83.90
			0.00			1" Ice	2.73	2.79	111.08

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	59465.01	0.46	0.19
	Max. H_x	21	27323.25	29031.64	-0.00
	Max. H_z	3	27323.25	-0.00	28955.06
	Max. M_x	2	3066275.93	-0.00	28954.42
	Max. M_z	8	3078553.20	-29031.00	-0.00
	Max. Torsion	17	970.83	14516.51	-25077.01
	Min. Vert	9	27323.25	-29031.64	-0.00
	Min. H_x	9	27323.25	-29031.64	-0.00
	Min. H_z	15	27323.25	-0.00	-28955.06
	Min. M_x	14	-3066558.08	-0.00	-28954.42
	Min. M_z	20	-3077946.78	29031.00	-0.00
	Min. Torsion	5	-970.65	-14516.51	25077.01

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	30359.24	0.00	0.00	111.41	-239.16	0.00
1.2 Dead+1.6 Wind 0 deg - No Ice	36430.99	0.00	-28954.42	-3066275.93	-298.65	895.65
0.9 Dead+1.6 Wind 0 deg - No Ice	27323.25	0.00	-28955.06	-3044277.14	-220.39	895.58
1.2 Dead+1.6 Wind 30 deg - No Ice	36431.08	14516.53	-25077.04	-2655672.26	-1539565.50	970.34
0.9 Dead+1.6 Wind 30 deg - No Ice	27323.31	14516.51	-25077.01	-2636549.34	-1528374.64	970.65
1.2 Dead+1.6 Wind 60 deg - No Ice	36431.08	25143.36	-14478.24	-1533187.38	-2666374.86	785.09
0.9 Dead+1.6 Wind 60 deg - No Ice	27323.31	25143.34	-14478.22	-1522162.21	-2647048.85	785.69
1.2 Dead+1.6 Wind 90 deg - No Ice	36430.99	29031.00	0.00	139.14	-3078553.20	389.62
0.9 Dead+1.6 Wind 90 deg - No Ice	27323.25	29031.64	0.00	102.68	-3056337.54	390.35
1.2 Dead+1.6 Wind 120 deg - No Ice	36431.08	25143.36	14478.24	1533466.41	-2666376.66	-110.25
0.9 Dead+1.6 Wind 120 deg - No Ice	27323.31	25143.34	14478.22	1522368.09	-2647050.18	-109.58
1.2 Dead+1.6 Wind 150 deg - No Ice	36431.08	14516.53	25077.04	2655953.41	-1539567.30	-580.69
0.9 Dead+1.6 Wind 150 deg - No Ice	27323.31	14516.51	25077.01	2636756.77	-1528375.97	-580.27
1.2 Dead+1.6 Wind 180 deg - No Ice	36430.99	0.00	28954.42	3066558.08	-298.65	-895.64
0.9 Dead+1.6 Wind 180 deg - No Ice	27323.25	0.00	28955.06	3044485.34	-220.38	-895.58
1.2 Dead+1.6 Wind 210 deg - No Ice	36431.08	-14516.53	25077.04	2655949.06	1538968.22	-970.52
0.9 Dead+1.6 Wind 210 deg - No Ice	27323.31	-14516.51	25077.01	2636753.58	1527933.99	-970.83
1.2 Dead+1.6 Wind 240 deg - No Ice	36431.08	-25143.36	14478.24	1533462.07	2665772.62	-785.29
0.9 Dead+1.6 Wind 240 deg -	27323.31	-25143.34	14478.22	1522364.89	2646604.55	-785.90

Load Combination	Vertical	$Shear_x$	$Shear_z$	Overturning Moment, M_x	Overturning Moment, M_z	Torque
	lb	lb	lb	lb-ft	lb-ft	lb-ft
No Ice						
1.2 Dead+1.6 Wind 270 deg - No Ice	36430.99	-29031.00	0.00	139.14	3077946.78	-389.63
0.9 Dead+1.6 Wind 270 deg - No Ice	27323.25	-29031.64	0.00	102.68	3055890.13	-390.35
1.2 Dead+1.6 Wind 300 deg - No Ice	36431.08	-25143.36	-14478.24	-1533183.03	2665770.81	110.44
0.9 Dead+1.6 Wind 300 deg - No Ice	27323.31	-25143.34	-14478.22	-1522159.01	2646603.21	109.78
1.2 Dead+1.6 Wind 330 deg - No Ice	36431.08	-14516.53	-25077.04	-2655667.91	1538966.41	580.88
0.9 Dead+1.6 Wind 330 deg - No Ice	27323.31	-14516.51	-25077.01	-2636546.14	1527932.65	580.45
1.2 Dead+1.0 Ice+1.0 Temp	59465.01	-0.46	-0.19	420.08	-966.13	-0.02
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	59465.01	-0.00	-7949.69	-829619.42	-1113.00	213.71
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	59465.01	3981.46	-6884.90	-718450.05	-417228.64	232.34
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	59465.01	6896.09	-3975.00	-414593.08	-721846.27	188.72
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	59465.01	7962.62	-0.00	483.27	-833293.84	94.54
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	59465.01	6896.09	3975.00	415559.87	-721846.44	-24.99
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	59465.01	3981.46	6884.90	719417.04	-417228.80	-137.83
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	59465.01	-0.00	7949.69	830586.36	-1113.00	-213.75
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	59465.01	-3981.46	6884.90	719416.66	415002.25	-232.40
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	59465.01	-6896.10	3975.00	415559.49	719619.45	-188.79
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	59465.01	-7962.62	-0.00	483.28	831066.99	-94.58
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	59465.01	-6896.10	-3975.00	-414592.69	719619.28	24.96
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	59465.01	-3981.46	-6884.90	-718449.66	415002.07	137.80
Dead+Wind 0 deg - Service	30359.23	-0.00	-5713.61	-602684.95	-252.34	178.67
Dead+Wind 30 deg - Service	30359.23	2864.36	-4948.13	-521924.78	-302819.32	193.64
Dead+Wind 60 deg - Service	30359.23	4961.22	-2856.81	-301283.77	-524313.57	156.72
Dead+Wind 90 deg - Service	30359.23	5728.72	-0.00	117.52	-605386.05	77.82
Dead+Wind 120 deg - Service	30359.23	4961.22	2856.81	301518.83	-524313.62	-21.93
Dead+Wind 150 deg - Service	30359.23	2864.36	4948.13	522159.89	-302819.36	-115.81
Dead+Wind 180 deg - Service	30359.23	-0.00	5713.61	602920.08	-252.33	-178.67
Dead+Wind 210 deg - Service	30359.23	-2864.36	4948.13	522159.78	302314.63	-193.65
Dead+Wind 240 deg - Service	30359.23	-4961.22	2856.81	301518.72	523808.76	-156.74
Dead+Wind 270 deg - Service	30359.23	-5728.72	-0.00	117.52	604881.14	-77.83
Dead+Wind 300 deg - Service	30359.23	-4961.22	-2856.81	-301283.66	523808.72	21.94
Dead+Wind 330 deg - Service	30359.23	-2864.36	-4948.13	-521924.67	302314.59	115.83

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u lb	P_n lb	Ratio $\frac{P_u}{P_n}$
L1	150 - 113 (1)	TP30.48x20x0.1875	37.00	150.00	174.3	17.3114	-9050.18	128716.00	0.070
L2	113 - 91.25 (2)	TP36.27x28.9012x0.25	26.00	150.00	146.5	27.4574	-11904.30	288893.00	0.041
L3	91.25 - 46.25 (3)	TP48.52x34.3529x0.3125	50.00	150.00	109.5	45.9188	-20369.40	864787.00	0.024
L4	46.25 - 0 (4)	TP61x45.9824x0.375	53.00	150.00	83.6	72.1589	-36414.70	2219750.00	0.016

Pole Bending Design Data

Section No.	Elevation ft	Size	M_{ux} lb-ft	M_{nx} lb-ft	Ratio $\frac{M_{ux}}{M_{nx}}$	M_{uy} lb-ft	M_{ny} lb-ft	Ratio $\frac{M_{uy}}{M_{ny}}$
L1	150 - 113 (1)	TP30.48x20x0.1875	433958.33	664001.67	0.654	0.00	664001.67	0.000
L2	113 - 91.25 (2)	TP36.27x28.9012x0.25	796849.17	1312766.67	0.607	0.00	1312766.67	0.000
L3	91.25 - 46.25 (3)	TP48.52x34.3529x0.3125	1691350.00	2859275.00	0.592	0.00	2859275.00	0.000
L4	46.25 - 0 (4)	TP61x45.9824x0.375	3078550.00	5660300.00	0.544	0.00	5660300.00	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V_u lb	V_n lb	Ratio $\frac{V_u}{V_n}$	Actual T_u lb-ft	T_n lb-ft	Ratio $\frac{T_u}{T_n}$
L1	150 - 113 (1)	TP30.48x20x0.1875	16273.80	554259.00	0.029	391.56	1330925.00	0.000
L2	113 - 91.25 (2)	TP36.27x28.9012x0.25	18308.30	921888.00	0.020	390.82	2631608.33	0.000
L3	91.25 - 46.25 (3)	TP48.52x34.3529x0.3125	23123.60	1500100.00	0.015	389.92	5731383.33	0.000
L4	46.25 - 0 (4)	TP61x45.9824x0.375	29051.40	2266440.00	0.013	389.61	11345082.67	0.000

Pole Interaction Design Data

Section No.	Elevation ft	Ratio $\frac{P_u}{P_n}$	Ratio $\frac{M_{ux}}{M_{nx}}$	Ratio $\frac{M_{uy}}{M_{ny}}$	Ratio $\frac{V_u}{V_n}$	Ratio $\frac{T_u}{T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	150 - 113 (1)	0.070	0.654	0.000	0.029	0.000	0.725 ✔	1.000	4.8.2 ✔
L2	113 - 91.25 (2)	0.041	0.607	0.000	0.020	0.000	0.649 ✔	1.000	4.8.2 ✔
L3	91.25 - 46.25 (3)	0.024	0.592	0.000	0.015	0.000	0.615 ✔	1.000	4.8.2 ✔
L4	46.25 - 0 (4)	0.016	0.544	0.000	0.013	0.000	0.560 ✔	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	150 - 113	Pole	TP30.48x20x0.1875	1	-9050.18	128716.00	72.5	Pass
L2	113 - 91.25	Pole	TP36.27x28.9012x0.25	2	-11904.30	288893.00	64.9	Pass
L3	91.25 - 46.25	Pole	TP48.52x34.3529x0.3125	3	-20369.40	864787.00	61.5	Pass
L4	46.25 - 0	Pole	TP61x45.9824x0.375	4	-36414.70	2219750.00	56.0	Pass
							Summary	
						Pole (L1)	72.5	Pass
						RATING =	**72.5**	**Pass**

Stiffened or Unstiffened, Ungrouted, Circular Base Plate - Any Rod Material

Assumption: Clear space between bottom of leveling nut and top of concrete **not** exceeding (1)*(Rod Diameter)

Site Data

BU#:	*0*
Site Name:	*0*
App #:	*0*
Pole Manufacturer:	*Other*

Reactions		
Mu:	3079	ft-kips
Axial, Pu:	36	kips
Shear, Vu:	29	kips
Eta Factor, η	0.5	TIA G (Fig. 4-4)

If No stiffeners, Criteria:	AISC LRFD	<-Only Applcable to Unstiffened Cases

Anchor Rod Data

Qty:	16	
Diam:	2.25	in
Rod Material:	Other	
Strength (Fu):	100	ksi
Yield (Fy):	75	ksi
Bolt Circle:	68	in

Anchor Rod Results

Max Rod (Cu+ Vu/ń):	141.7	Kips
Allowable Axial, Φ*Fu*Anet:	260.0	Kips
Anchor Rod Stress Ratio:	54.5%	**Pass**

Rigid
AISC LRFD
φ*Tn

Plate Data

Diam:	74	in
Thick:	2	in
Grade:	60	ksi
Single-Rod B-eff:	12.10	in

Base Plate Results Flexural Check

Base Plate Stress:	25.7	ksi
Allowable Plate Stress:	54.0	ksi
Base Plate Stress Ratio:	47.5%	**Pass**

Rigid
AISC LRFD
φ*Fy
Y.L. Length: 30.05

Stiffener Data (Welding at both sides)

Config:	0	*
Weld Type:		
Groove Depth:		<-- Disregard
Groove Angle:		<-- Disregard
Fillet H. Weld:		in
Fillet V. Weld:		in
Width:		in
Height:		in
Thick:		in
Notch:		in
Grade:		ksi
Weld str.:		ksi

n/a

Stiffener Results

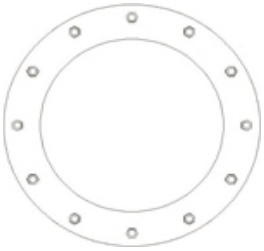
Horizontal Weld :	n/a
Vertical Weld:	n/a
Plate Flex+Shear, fb/Fb+(fv/Fv)^2:	n/a
Plate Tension+Shear, ft/Ft+(fv/Fv)^2:	n/a
Plate Comp. (AISC Bracket):	n/a

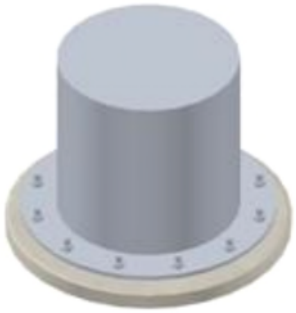
Pole Results

Pole Punching Shear Check:	n/a

Pole Data

Diam:	61	in
Thick:	0.375	in
Grade:	65	ksi
# of Sides:	18	"0" IF Round
Fu	80	ksi
Reinf. Fillet Weld	0	"0" if None





* 0 = none, 1 = every bolt, 2 = every 2 bolts, 3 = 2 per bolt

** Note: for complete joint penetration groove welds the groove depth must be exactly 1/2 the stiffener thickness for calculation purposes

tnxFoundation	Job:	150' Monopole	Date:
	Client:	Verizon;	12/16/2020 4:39:44 PM

Foundation

Foundation name: **Tower Foundation**

Foundation type: **Caisson**

Geometry and Materials

Caisson:

Diameter	D	8.00 ft
Caisson length	L	23.00 ft
Base area		50.27 ft2

Levels:

Pier above ground	h	0.50 ft
Foundation level	hf	22.50 ft
Frost depth	fd	3.00 ft
Ground water level	hw	25.50 ft

Concrete:

Strength	f'c	4.0 ksi
Unit weight		0.15 kcf

Parameters:

Caisson unit skin friction and unit end bearing stress are defined	No
End bearing capacity factors Nc and Nq are defined	No

Soils:

#	Name	Φ	Cu	Kp	γ.dry	γ.sat	fs	qb	Top level
1	Clay Custom 1	0.00	1.00 ksf	1	130.0 pcf	130.0 pcf	0.0 ksf	0.0 ksf	0.00 ft
2	Sand Custom 1	38.00	0.00 ksf	3	130.0 pcf	130.0 pcf	0.0 ksf	0.0 ksf	3.50 ft

Φ - internal friction angle

Cu - soil cohesion

Kp - coefficient of passive pressure

γ.dry - dry soil density

γ.sat - saturated soil density

fs - external skin friction (unit value)

qb - end bearing stress (unit value)

Soils:

#	Name	∈	Kt	Ξ	Nc	Nq
1	Clay Custom 1	0.00	1.00	0.50	9.00	1.00
2	Sand Custom 1	30.00	0.50	0.50	9.00	1.00

δ - friction angle between soil and the pile

Kt - coefficient for lateral earth pressure

α - adhesion factor

Nc - pile Bearing capacity factor Nc

Nq - pile Bearing capacity factor Nq

Loads:

#	Name	Description	P	Vx	Vz	Mz	Mx
1	Dead Only	TIA-222-G load combination	30.4 kip	0.0 kip	0.0 kip	0.2 kip-ft	-0.1 kip-ft
2	1.2 Dead+1.6 Wind 0 deg - No Ice	TIA-222-G load combination	36.4 kip	0.0 kip	29.0 kip	0.3 kip-ft	3066.3 kip-ft
3	0.9 Dead+1.6 Wind 0 deg - No Ice	TIA-222-G load combination	27.3 kip	0.0 kip	29.0 kip	0.2 kip-ft	3044.3 kip-ft
4	1.2 Dead+1.6 Wind 30 deg - No Ice	TIA-222-G load combination	36.4 kip	-14.5 kip	25.1 kip	1539.6 kip-ft	2655.7 kip-ft
5	0.9 Dead+1.6 Wind 30 deg - No Ice	TIA-222-G load combination	27.3 kip	-14.5 kip	25.1 kip	1528.4 kip-ft	2636.5 kip-ft
6	1.2 Dead+1.6 Wind 60 deg - No Ice	TIA-222-G load combination	36.4 kip	-25.1 kip	14.5 kip	2666.4 kip-ft	1533.2 kip-ft
7	0.9 Dead+1.6 Wind 60 deg - No Ice	TIA-222-G load combination	27.3 kip	-25.1 kip	14.5 kip	2647.0 kip-ft	1522.2 kip-ft
8	1.2 Dead+1.6 Wind 90 deg - No Ice	TIA-222-G load combination	36.4 kip	-29.0 kip	0.0 kip	3078.6 kip-ft	-0.1 kip-ft
9	0.9 Dead+1.6 Wind 90 deg - No Ice	TIA-222-G load combination	27.3 kip	-29.0 kip	0.0 kip	3056.3 kip-ft	-0.1 kip-ft
10	1.2 Dead+1.6 Wind 120 deg - No Ice	TIA-222-G load combination	36.4 kip	-25.1 kip	-14.5 kip	2666.4 kip-ft	-1533.5 kip-ft
11	0.9 Dead+1.6 Wind 120 deg - No Ice	TIA-222-G load combination	27.3 kip	-25.1 kip	-14.5 kip	2647.1 kip-ft	-1522.4 kip-ft
12	1.2 Dead+1.6 Wind 150 deg - No Ice	TIA-222-G load combination	36.4 kip	-14.5 kip	-25.1 kip	1539.6 kip-ft	-2656.0 kip-ft
13	0.9 Dead+1.6 Wind 150 deg - No Ice	TIA-222-G load combination	27.3 kip	-14.5 kip	-25.1 kip	1528.4 kip-ft	-2636.8 kip-ft
14	1.2 Dead+1.6 Wind 180 deg - No Ice	TIA-222-G load combination	36.4 kip	0.0 kip	-29.0 kip	0.3 kip-ft	-3066.6 kip-ft
15	0.9 Dead+1.6 Wind 180 deg - No Ice	TIA-222-G load combination	27.3 kip	0.0 kip	-29.0 kip	0.2 kip-ft	-3044.5 kip-ft
16	1.2 Dead+1.6 Wind 210 deg - No Ice	TIA-222-G load combination	36.4 kip	14.5 kip	-25.1 kip	-1539.0 kip-ft	-2655.9 kip-ft
17	0.9 Dead+1.6 Wind 210 deg - No Ice	TIA-222-G load combination	27.3 kip	14.5 kip	-25.1 kip	-1527.9 kip-ft	-2636.8 kip-ft
18	1.2 Dead+1.6 Wind 240 deg - No Ice	TIA-222-G load combination	36.4 kip	25.1 kip	-14.5 kip	-2665.8 kip-ft	-1533.5 kip-ft
19	0.9 Dead+1.6 Wind 240 deg - No Ice	TIA-222-G load combination	27.3 kip	25.1 kip	-14.5 kip	-2646.6 kip-ft	-1522.4 kip-ft
20	1.2 Dead+1.6 Wind 270 deg - No Ice	TIA-222-G load combination	36.4 kip	29.0 kip	0.0 kip	-3077.9 kip-ft	-0.1 kip-ft
21	0.9 Dead+1.6 Wind 270 deg - No Ice	TIA-222-G load combination	27.3 kip	29.0 kip	0.0 kip	-3055.9 kip-ft	-0.1 kip-ft
22	1.2 Dead+1.6 Wind 300 deg - No Ice	TIA-222-G load combination	36.4 kip	25.1 kip	14.5 kip	-2665.8 kip-ft	1533.2 kip-ft
23	0.9 Dead+1.6 Wind 300 deg - No Ice	TIA-222-G load combination	27.3 kip	25.1 kip	14.5 kip	-2646.6 kip-ft	1522.2 kip-ft
24	1.2 Dead+1.6 Wind 330 deg - No Ice	TIA-222-G load combination	36.4 kip	14.5 kip	25.1 kip	-1539.0 kip-ft	2655.7 kip-ft
25	0.9 Dead+1.6 Wind 330 deg - No Ice	TIA-222-G load combination	27.3 kip	14.5 kip	25.1 kip	-1527.9 kip-ft	2636.5 kip-ft
26	1.2 Dead+1.0 Ice+1.0 Temp	TIA-222-G load combination	59.5 kip	0.0 kip	0.0 kip	1.0 kip-ft	-0.4 kip-ft
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	TIA-222-G load combination	59.5 kip	0.0 kip	7.9 kip	1.1 kip-ft	829.6 kip-ft

28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	TIA-222-G load combination	59.5 kip	-4.0 kip	6.9 kip	417.2 kip-ft	718.5 kip-ft
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	TIA-222-G load combination	59.5 kip	-6.9 kip	4.0 kip	721.8 kip-ft	414.6 kip-ft
30	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	TIA-222-G load combination	59.5 kip	-8.0 kip	0.0 kip	833.3 kip-ft	-0.5 kip-ft
31	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	TIA-222-G load combination	59.5 kip	-6.9 kip	-4.0 kip	721.8 kip-ft	-415.6 kip-ft
32	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	TIA-222-G load combination	59.5 kip	-4.0 kip	-6.9 kip	417.2 kip-ft	-719.4 kip-ft
33	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	TIA-222-G load combination	59.5 kip	0.0 kip	-7.9 kip	1.1 kip-ft	-830.6 kip-ft
34	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	TIA-222-G load combination	59.5 kip	4.0 kip	-6.9 kip	-415.0 kip-ft	-719.4 kip-ft
35	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	TIA-222-G load combination	59.5 kip	6.9 kip	-4.0 kip	-719.6 kip-ft	-415.6 kip-ft
36	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	TIA-222-G load combination	59.5 kip	8.0 kip	0.0 kip	-831.1 kip-ft	-0.5 kip-ft
37	1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	TIA-222-G load combination	59.5 kip	6.9 kip	4.0 kip	-719.6 kip-ft	414.6 kip-ft
38	1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	TIA-222-G load combination	59.5 kip	4.0 kip	6.9 kip	-415.0 kip-ft	718.4 kip-ft
39	Dead+Wind 0 deg - Service	TIA-222-G load combination	30.4 kip	0.0 kip	5.7 kip	0.3 kip-ft	602.7 kip-ft
40	Dead+Wind 30 deg - Service	TIA-222-G load combination	30.4 kip	-2.9 kip	4.9 kip	302.8 kip-ft	521.9 kip-ft
41	Dead+Wind 60 deg - Service	TIA-222-G load combination	30.4 kip	-5.0 kip	2.9 kip	524.3 kip-ft	301.3 kip-ft
42	Dead+Wind 90 deg - Service	TIA-222-G load combination	30.4 kip	-5.7 kip	0.0 kip	605.4 kip-ft	-0.1 kip-ft
43	Dead+Wind 120 deg - Service	TIA-222-G load combination	30.4 kip	-5.0 kip	-2.9 kip	524.3 kip-ft	-301.5 kip-ft
44	Dead+Wind 150 deg - Service	TIA-222-G load combination	30.4 kip	-2.9 kip	-4.9 kip	302.8 kip-ft	-522.2 kip-ft
45	Dead+Wind 180 deg - Service	TIA-222-G load combination	30.4 kip	0.0 kip	-5.7 kip	0.3 kip-ft	-602.9 kip-ft
46	Dead+Wind 210 deg - Service	TIA-222-G load combination	30.4 kip	2.9 kip	-4.9 kip	-302.3 kip-ft	-522.2 kip-ft
47	Dead+Wind 240 deg - Service	TIA-222-G load combination	30.4 kip	5.0 kip	-2.9 kip	-523.8 kip-ft	-301.5 kip-ft
48	Dead+Wind 270 deg - Service	TIA-222-G load combination	30.4 kip	5.7 kip	0.0 kip	-604.9 kip-ft	-0.1 kip-ft
49	Dead+Wind 300 deg - Service	TIA-222-G load combination	30.4 kip	5.0 kip	2.9 kip	-523.8 kip-ft	301.3 kip-ft
50	Dead+Wind 330 deg - Service	TIA-222-G load combination	30.4 kip	2.9 kip	4.9 kip	-302.3 kip-ft	521.9 kip-ft

Uplift capacity

Resistance factors

Resistance factor for shaft resistance of caisson - Uplift	0.35
Load factor for foundation weight	0.750

Load factor for soil weigth	0.750

Details for maximum uplift force:

Number of critical combination	1
Maximum uplift force from critical combination	0.00 kip
Shaft resistance of caisson due to skin friction	235.00 kip
Weight of caisson	172.72 kip
Weight of soil (for belled caissons)	0.00 kip
Allowable uplift resistance	211.79 kip
Ratio = Maximum uplift force / Uplift resistance	0

Bearing capacity

Resistance factors

Resistance factor for shaft resistance of caisson - Bearing	0.45
Resistance factor for base resistance of caisson - Bearing	0.4

Details for maximum compression force:

Number of critical combination	26
Maximum compression force from critical combination	59.47 kip
Shaft resistance of caisson due to skin friction	235.00 kip
Base resistance	8153.75 kip
Allowable bearing resistance	3367.25 kip
Ratio = Maximum compression / Compression resistance	0.018

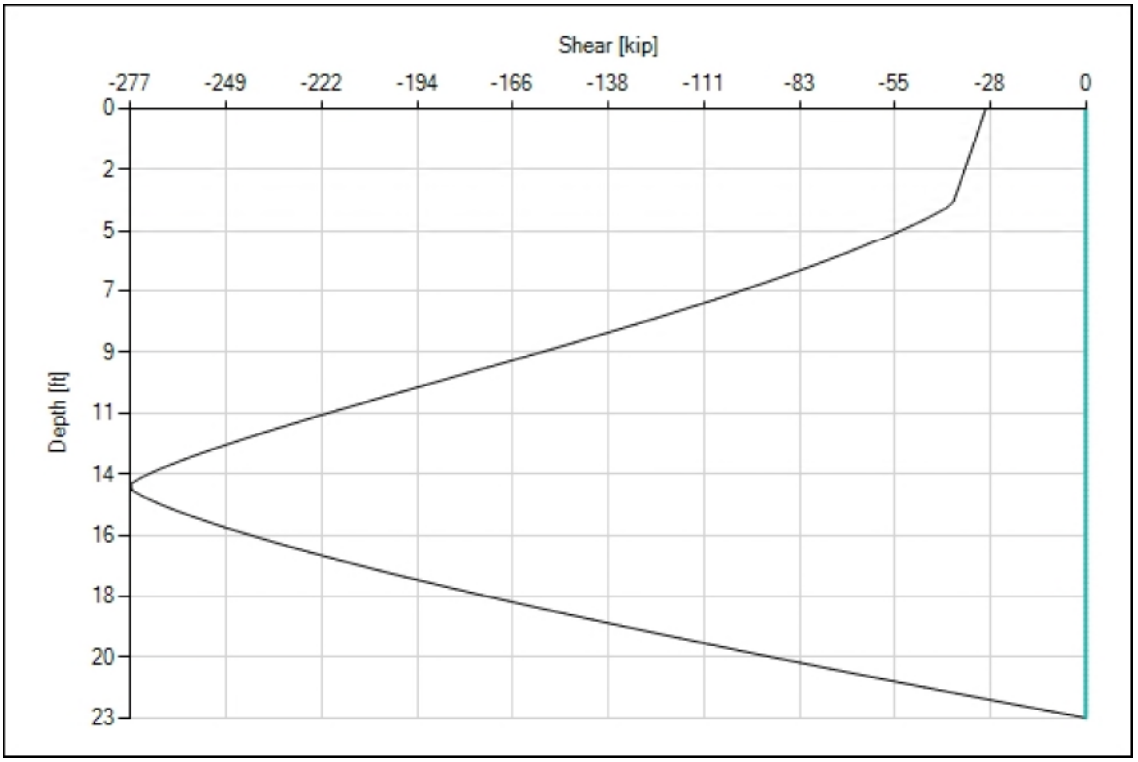
Maximum moment along Caisson (P-Y)

Results for the critical load:

Number of critical combination		8
Max moment in caisson	Mmax	3078.55 kip-ft

Shear and Moments along Caisson:

Level	Shear	Moment	Deflection
0.0 ft	-29.05 kip	3078.55 kip-ft	0.052 in
2.5 ft	-35.84 kip	2997.59 kip-ft	0.038 in
5.0 ft	-62.90 kip	2885.54 kip-ft	0.026 in
7.5 ft	-118.77 kip	2661.93 kip-ft	0.017 in
10.0 ft	-185.88 kip	2282.41 kip-ft	0.009 in
12.7 ft	-256.58 kip	1675.91 kip-ft	0.002 in
15.2 ft	-255.39 kip	1004.59 kip-ft	-0.002 in
17.7 ft	-182.76 kip	451.77 kip-ft	-0.006 in
20.2 ft	-91.86 kip	105.64 kip-ft	-0.010 in
22.5 ft	0.00 kip	0.00 kip-ft	-0.013 in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20
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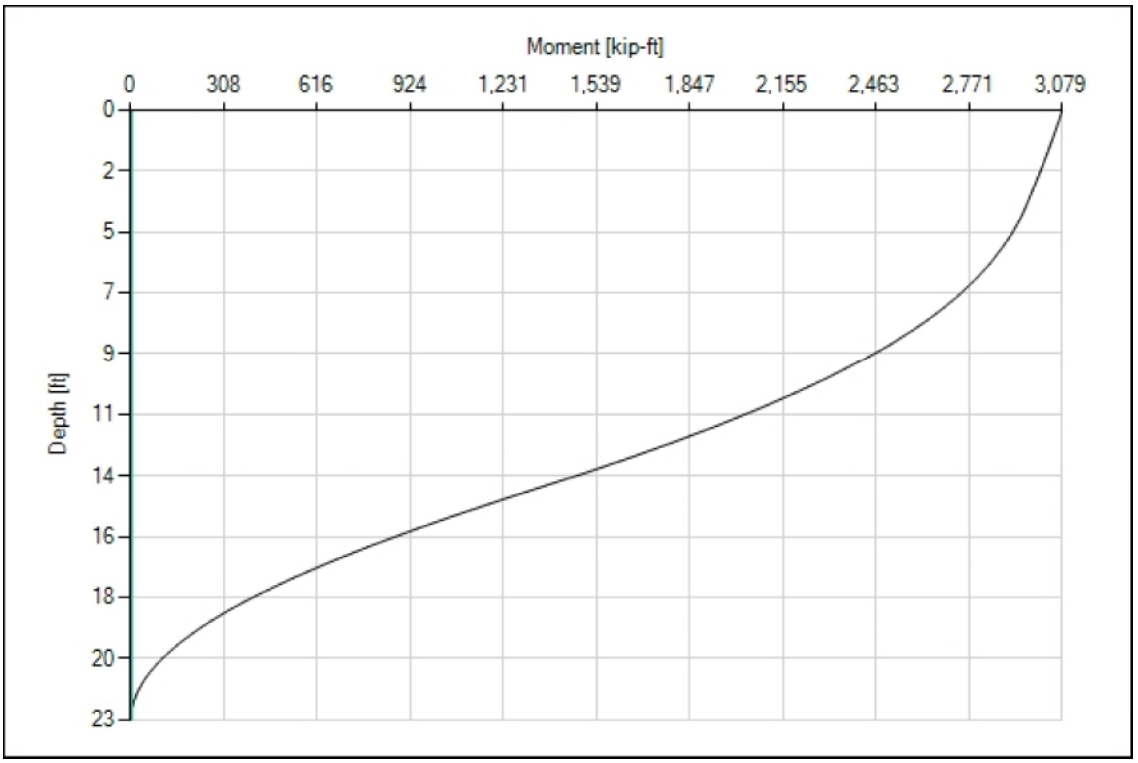
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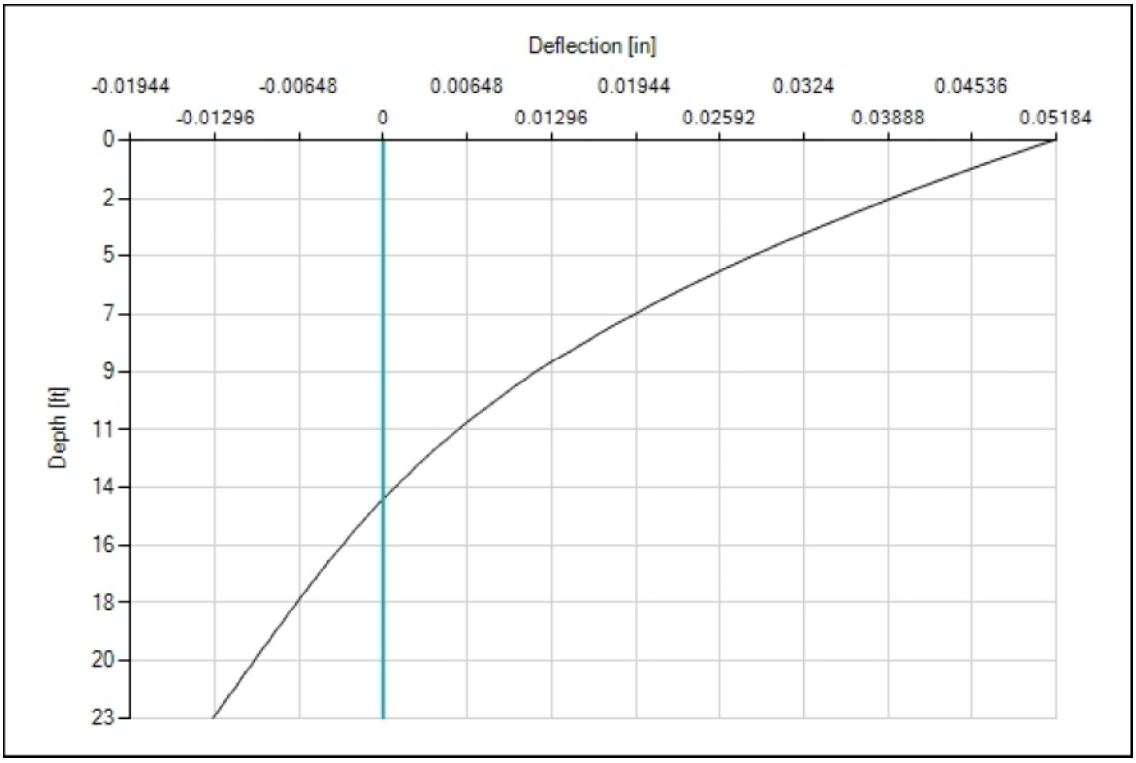


Caisson Flexure

Data:

Resistance factor for tension		0.9
Concrete cover		3.63 in
Steel strength of vertical bars	fy	60.00 ksi
Number of vertical bars		24
Diameter of vertical bars		1.41 in
Area of one bar		1.56 in2

Reinforcement ratio:

Reinforcement area		37.47 in2
Reinforcement ratio		0.005
Min reinforcement ratio		0.003
Verification: Reinforcement ratio > Min reinforcement ratio		OK

Results for the critical load:

Max moment in caisson	Mu	3078.55 kip-ft
Vertical load	Pu	36.43 kip
Caisson moment capacity	Mn	7106.23 kip-ft
Ratio = Mu / Mn		0.433

HUDSON
Design Group LLC

September 15, 2021

MR. Andrew Leone
Verizon Wireless
20 Alexander Dr.
Wallingford, CT 06492

Re: Verizon Wireless antenna Model Clarification for CT Siting Council

Dear Mr. Leone,

This letter is intended to clarify and confirm the antenna naming convention used by Verizon Wireless as a part of an antenna upgrade project on numerous wireless facilities.

The antenna naming convention "Licensed Sub-6, L-Sub6, nL-Sub6, VZS01" and any other slight variants refer to the MT6407-77A antenna manufactured by Samsung Electronics. These names are interchangeable and are used in various documents, including but not limited to the "construction drawings & tower structural analysis".

If you have any questions or comments, or require additional information, please do not hesitate to contact me.

Respectfully Submitted
Hudson Design Group LLC

Daniel P. Hamm, P.E.

p: 978.557.5553 f: 978.336.5586 a: 45 Beechwood Drive, N. Andover, MA 01845

Maser Consulting Connecticut
2000 Midlantic Drive, Suite 100
Mt. Laurel, NJ 08054
(856) 797-0412
gdulnik@maserconsulting.com

Antenna Mount Analysis Report and PMI Requirements

Mount Analysis

SMART Tool Project #: 10019452
Maser Consulting Connecticut Project #: 20777364A

December 7, 2020

Site Information	*Site ID:*	*467601-VZW / Guilford 3 CT*
	Site Name:	*Guilford 3 CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*10 Tanner Marsh Rd* *Guilford, Connecticut 06437,* *New Haven County*
	Latitude:	*41.288806°*
	Longitude:	*- 72.658306°*
Structure Information	*Tower Type:*	*150-Ft Self Support*
	Mount Type:	*12.50-Ft Platform*

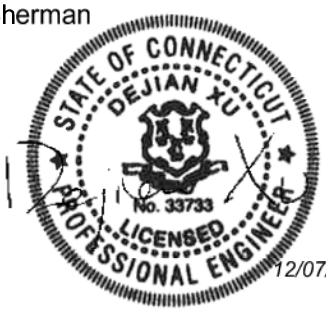
FUZE ID # 16244105

Analysis Results

Platform: **85.0% Pass**

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

Report Prepared By: Cody Sherman



12/07/2020

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: 1588519, dated November 17, 2020*
Mount Mapping Report	*Tower Engineering Professionals Site #: 467601 , dated November 10, 2020*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	123 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.997
Seismic Parameters:	S_S:	0.204
	S_1:	0.054
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
148.0	150.0	3	-	nL-Sub6 Antenna	Added
		6	Commscope	JAHH-65B-R3B	Retained
		3	Andrew	LNX-6514DS-A1M	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		3	RFS	FDJ85020Q4-S1	
		2	Raycap	RRFDC-3315-PF-48	

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 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
Mount Pipe	*85.0%*	*Pass*
Face Horizontal	*26.0%*	*Pass*
Support Rail	*43.0%*	*Pass*
Corner Plates	*35.0%*	*Pass*
Standoff Horizontal	*13.0%*	*Pass*
Support Rail Angle	*85.0%*	*Pass*
Mount Connection, Bolts	*62.7%*	*Pass*
Mount Connection, Plate	*50.6%*	*Pass*
Mount Connection, Weld	*79.3%*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**85.0%**

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:

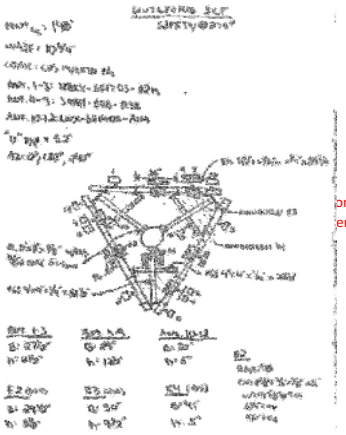
1. Mount Photos
2. Mount Mapping Report (for reference only)
3. Analysis Calculations
4. **Contractor Required Post Installation Inspection (PMI) Report Deliverables**
5. Antenna Placement Diagrams
6. TIA Wind Speed Adoption and Wind Speed Usage Letter

V3.0 Updated on 8-31-2020

Antenna Mount Mapping Form (PATENT PENDING)

FCC # N/A

Tower Owner:	InSite Wireless	**Mapping Date:**	11/10/2020
Site Name:	Guilford 3 CT	**Tower Type:**	Monopole
Site Number or ID:	467601	**Tower Height (Ft.):**	150
Mapping Contractor:	TEP	**Mount Elevation (Ft.):**	148



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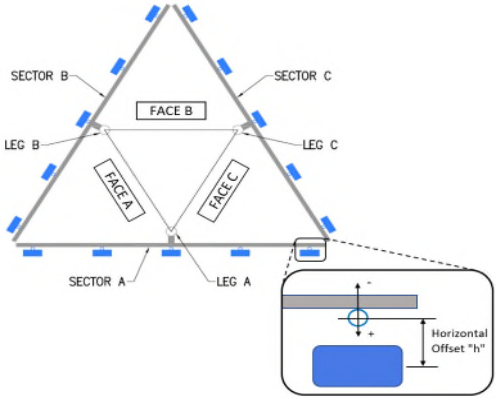
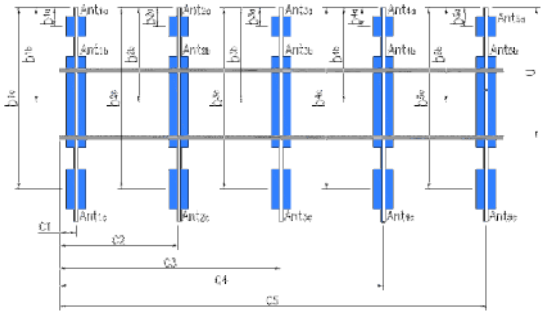




Antenna Layout (Looking Out From Tower)

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	2.4"Ø x 5/32" x 7'-0"	52.00	26.50	C1	2.4"Ø x 5/32" x 7'-0"	52.00	26.50
A2	2.4"Ø x 5/32" x 7'-0"	52.00	74.50	C2	2.4"Ø x 5/32" x 7'-0"	52.00	74.50
A3	2.4"Ø x 3/16" x 7'-0"	52.00	107.25	C3	2.4"Ø x 3/16" x 7'-0"	52.00	107.25
A4	2.4"Ø x 5/32" x 7'-0"	52.00	143.50	C4	2.4"Ø x 5/32" x 7'-0"	52.00	143.50
A5				C5			
A6				C6			
B1	2.4"Ø x 5/32" x 7'-0"	52.00	26.50	D1			
B2	2.4"Ø x 5/32" x 7'-0"	52.00	74.50	D2			
B3	2.4"Ø x 3/16" x 7'-0"	52.00	107.25	D3			
B4	2.4"Ø x 5/32" x 7'-0"	52.00	143.50	D4			
B5				D5			
B6				D6			

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	0.00
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	4

Please enter additional infomation or comments below.

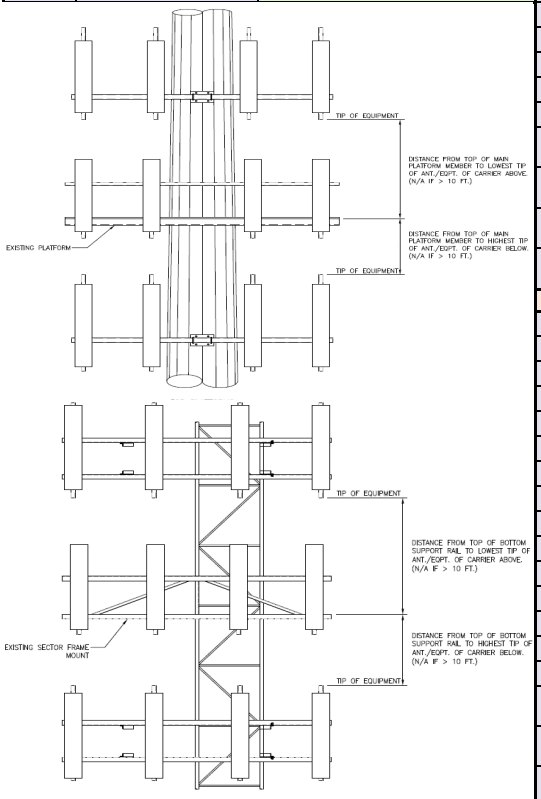
Position 3 (all sectors) has (2) JAHH-65B-R3B antennas on the same mount pipe

Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	20.32

	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}	HBXX-6517DS-A2M	12.01	6.54	75.04	None	150.042	27.50	8.50	0.00	65-68
Ant_{1b}										
Ant_{1c}										
Ant_{2a}	RFV01U-D2A	15.88	10.03	19.73	Raycap	149.875	29.50	8.50		129-130
Ant_{2b}	FDJ85020Q4-S1	16.90	6.30	6.80	Raycap	148.917	41.00	5.00		121-128
Ant_{2c}										
Ant_{3a}	(2) JAHH-65B-R3B	13.78	8.19	71.97	Raycap	149.917	29.00	12.50	0.00	75-81
Ant_{3b}	RFV01U-D1A	15.88	10.03	19.73	Raycap	149.833	30.00	9.50		131-132
Ant_{3c}										
Ant_{4a}	LNX-6514DS-A1M	11.85	7.11	80.63	None	149.833	30.00	6.00	0.00	82-86, 134
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff	RRFDC-3315-PF-48	15.73	10.25	25.66	(1) 1.5 Hybrid					152-156
Ant on Standoff	RRFDC-3315-PF-48	15.73	10.25	25.66	(1) 1.5 Hybrid					152-156
Ant on Tower										
Ant on Tower										

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	0.00	Deg	Leg A:		Deg
Sector B:	120.00	Deg	Leg B:		Deg
Sector C:	240.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information			
Location:	275.00	Deg	N/A
Climbing Facility	Corrosion Type:		Good condition.
	Access:		Climbing path was unobstructed.
	Condition:		Good condition.



Sector B										
Ant_{1a}	HBXX-6517DS-A2M	12.01	6.54	75.04	None	150.042	27.50	8.50	120.00	88-89
Ant_{1b}										
Ant_{1c}										
Ant_{2a}	RFV01U-D2A	15.88	10.03	19.73	Raycap	149.875	29.50	8.50		145-146
Ant_{2b}	FDJ85020Q4-S1	16.90	6.30	6.80	Raycap	148.917	41.00	5.00		138-144
Ant_{2c}										
Ant_{3a}	(2) JAHH-65B-R3B	13.78	8.19	71.97	Raycap	149.917	29.00	12.50	120.00	93-98
Ant_{3b}	RFV01U-D1A	15.88	10.03	19.73	Raycap	149.833	30.00	9.50		147-149
Ant_{3c}										
Ant_{4a}	LNX-6514DS-A1M	11.85	7.11	80.63	None	149.833	30.00	6.00	120.00	99-103, 150-151
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}	HBXX-6517DS-A2M	12.01	6.54	75.04	None	150.042	27.50	8.50	240.00	105-106
Ant_{1b}										
Ant_{1c}										
Ant_{2a}	RFV01U-D2A	15.88	10.03	19.73	Raycap	149.875	29.50	8.50		157-158
Ant_{2b}	FDJ85020Q4-S1	16.90	6.30	6.80	Raycap	148.917	41.00	5.00		159-164
Ant_{2c}										
Ant_{3a}	(2) JAHH-65B-R3B	13.78	8.19	71.97	Raycap	149.917	29.00	12.50	240.00	109-114
Ant_{3b}	RFV01U-D1A	15.88	10.03	19.73	Raycap	149.833	30.00	9.50		165-167
Ant_{3c}										
Ant_{4a}	LNX-6514DS-A1M	11.85	7.11	80.63	None	149.833	30.00	6.00	240.00	115-118
Ant_{4b}										
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.

Antenna Mount Mapping Form (PATENT PENDING)

FCC # N/A

Tower Owner:	InSite Wireless	**Mapping Date:**	11/10/2020
Site Name:	Guilford 3 CT	**Tower Type:**	Monopole
Site Number or ID:	467601	**Tower Height (Ft.):**	150
Mapping Contractor:	TEP	**Mount Elevation (Ft.):**	148

Please Insert Sketches of the Antenna Mount

GUILFORD 3 CT

SAFETY @ 275°

MNT EL: 148'

WAVE: 10 3/4"

COAX: (2) HYBRID 1 1/4

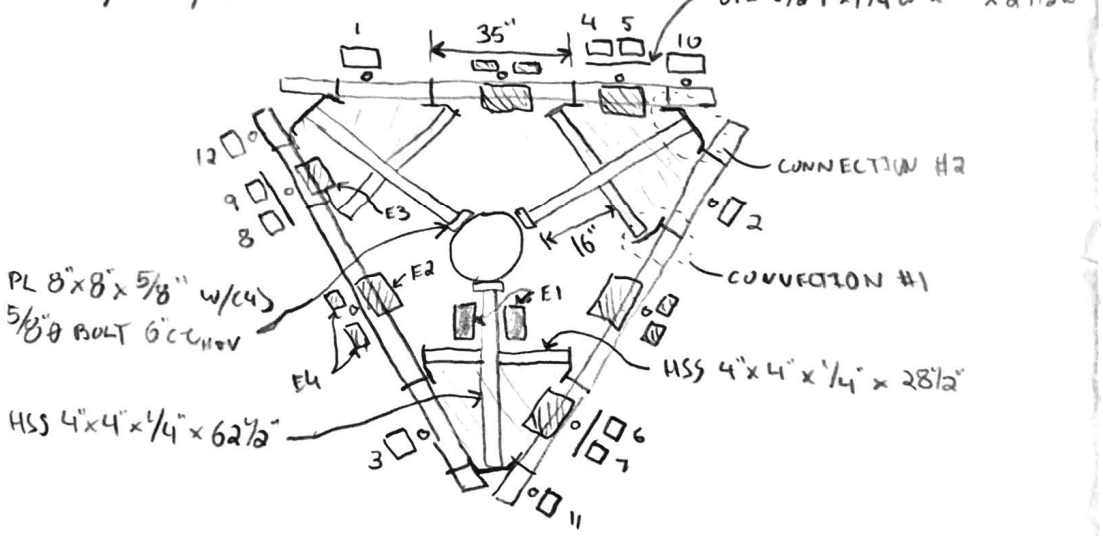
ANT. 1-3: HBXX-6517DS-A2M

ANT. 4-9: JAHH-65B-R3B

ANT. 10-12: LNX-6514DS-A1M

"U" TYP = 52"

A2: 0°, 120°, 240°



ANT. 1-3
B: 27 1/2"
h: 8 1/2"

ANT. 4-9
B: 29"
h: 12 1/2"

ANT. 10-12
B: 30"
h: 6"

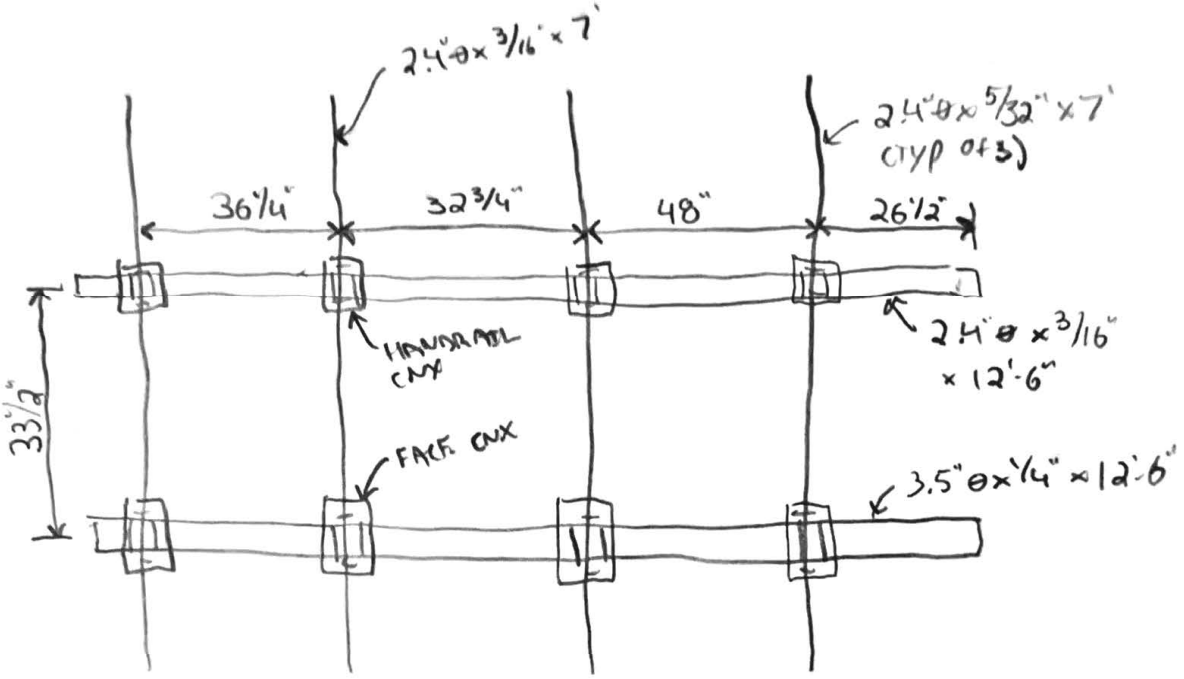
E2
RAYCAPS
(4) 1 5/8" x 3/4" x 1/8" x 16"
W/(4) 5/8"ø T.R.
6 1/4" c-c V
4 1/2" c-c H

E2 (DRA)
B: 29 1/2"
h: 8 1/2"

E3 (OVIA)
B: 30"
h: 9 1/2"

E4 (RFS)
B: 41"
h: 5"

Please Insert Sketches of the Antenna Mount, cont'd



FACE M.P. CNX

CH 8"T x 6 1/4"W x 2 1/2"D x 3/8"TH w/(4) 1/2"Ø U-BOLT, 4"c-c H, 6"c-c V

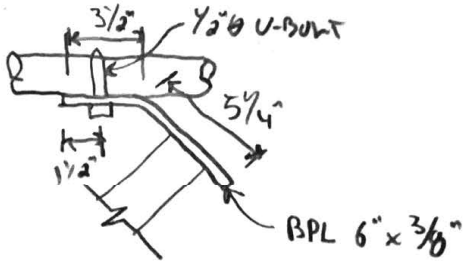
HANDRAIL M.P. CNX

PL 6" x 6" x 3/8" w/(4) 1/2"Ø U-BOLTS, 4 1/2" c-c H+V

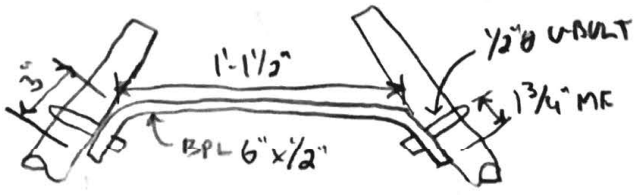
CORNER HANDRAIL

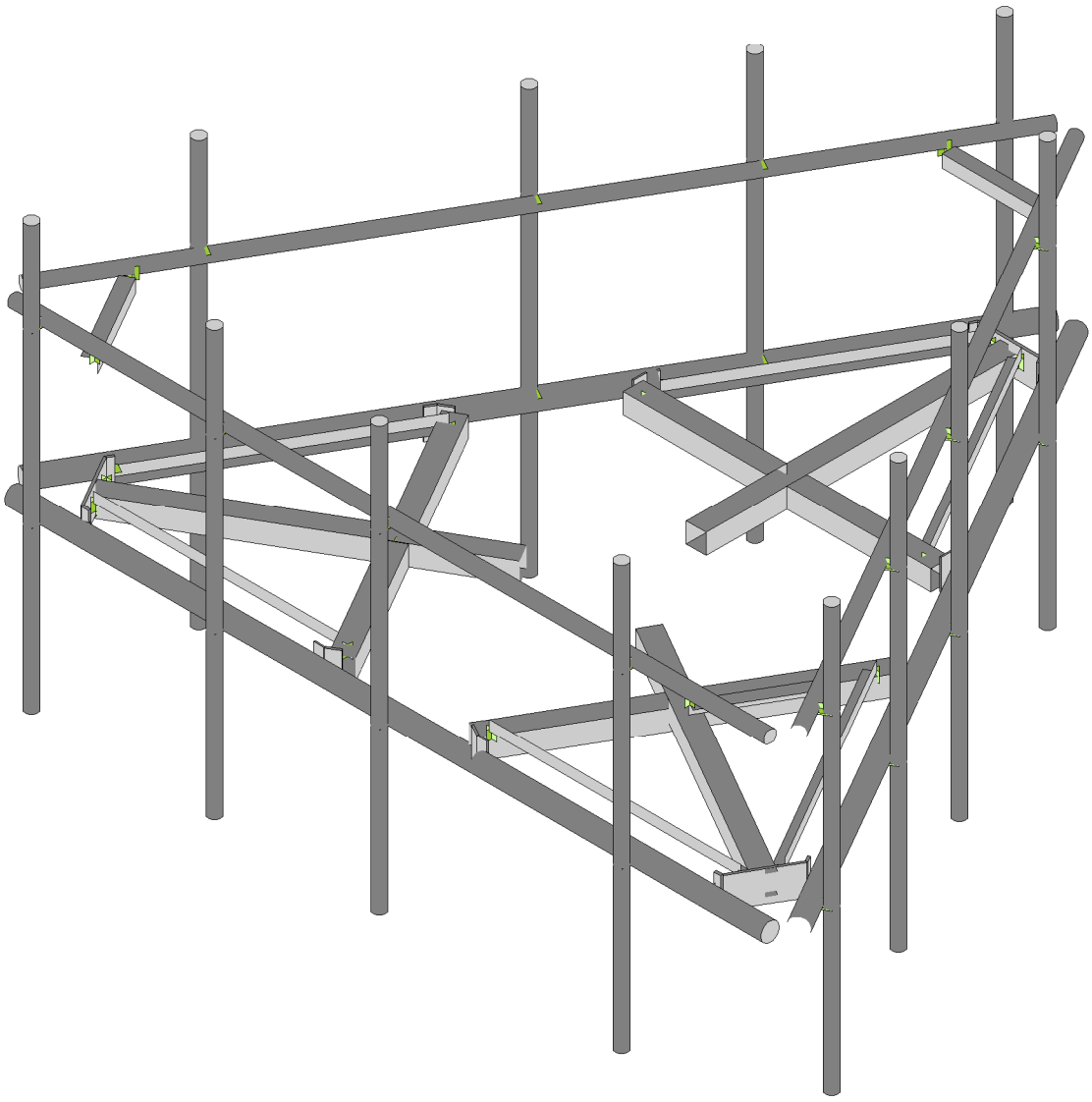
L 4" x 4" x 1/4" x 27"L w/(1) 1/2"Ø U-BOLT, 5 1/4" MF±, 8 1/2" OFFSET (END OF HANDRAIL)

CNX #1



CNX #2





Envelope Only Solution

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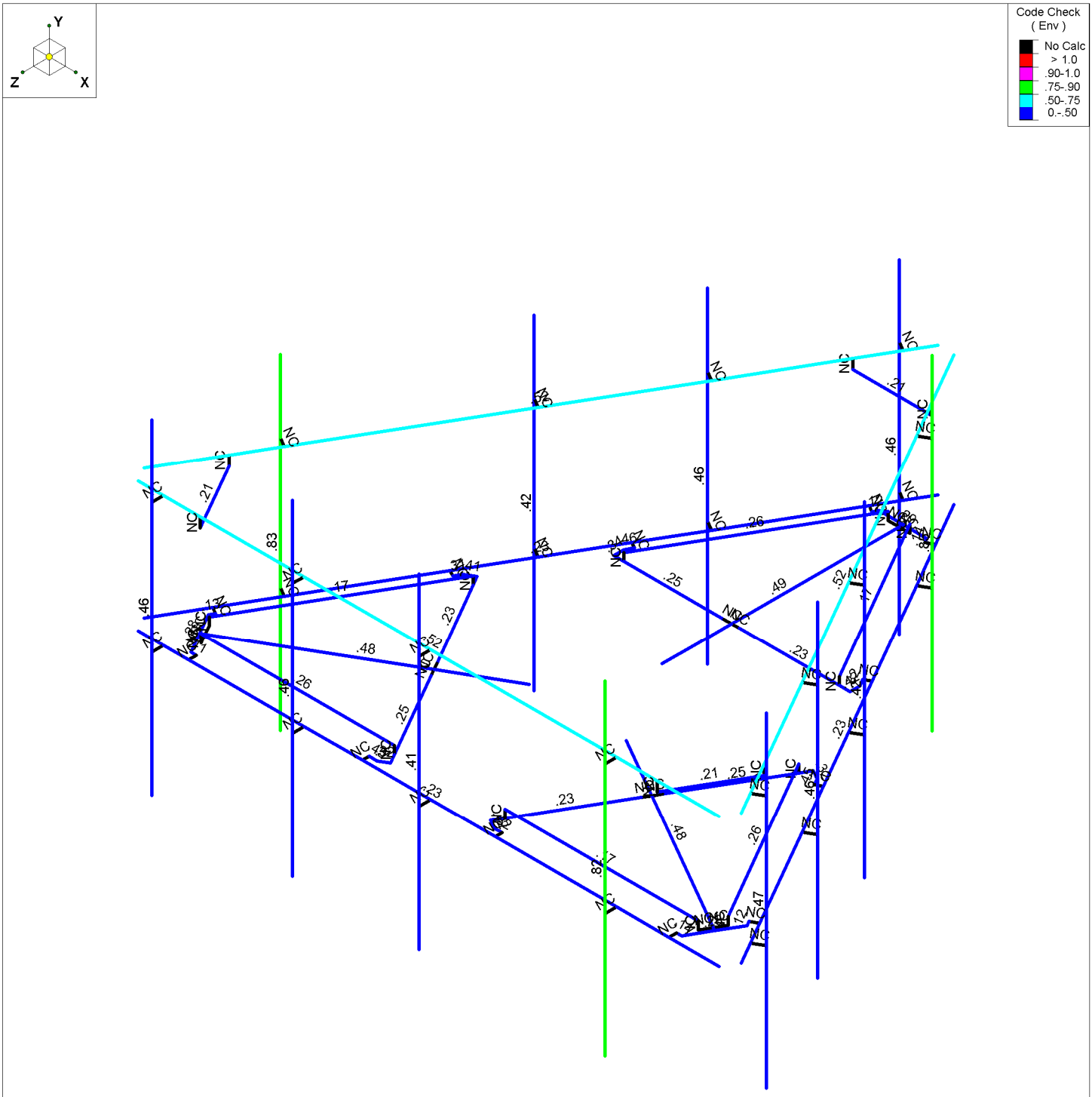

Member Code Checks Displayed (Enveloped)
Envelope Only Solution

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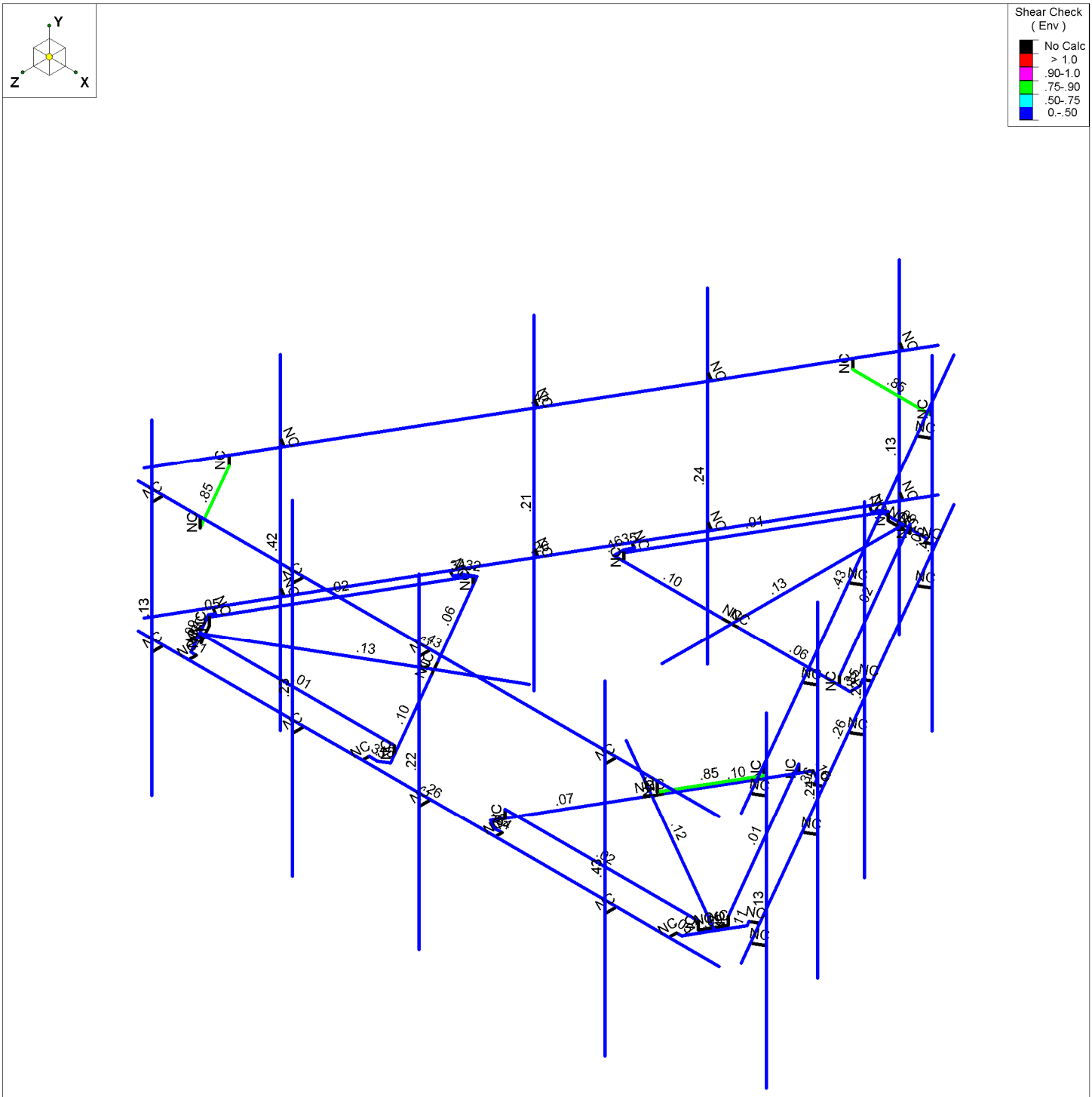

Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

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		467601-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(...
1	Antenna D	None					105			
2	Antenna Di	None					105			
3	Antenna Wo (0 Deg)	None					105			
4	Antenna Wo (30 Deg)	None					105			
5	Antenna Wo (60 Deg)	None					105			
6	Antenna Wo (90 Deg)	None					105			
7	Antenna Wo (120 Deg)	None					105			
8	Antenna Wo (150 Deg)	None					105			
9	Antenna Wo (180 Deg)	None					105			
10	Antenna Wo (210 Deg)	None					105			
11	Antenna Wo (240 Deg)	None					105			
12	Antenna Wo (270 Deg)	None					105			
13	Antenna Wo (300 Deg)	None					105			
14	Antenna Wo (330 Deg)	None					105			
15	Antenna Wi (0 Deg)	None					105			
16	Antenna Wi (30 Deg)	None					105			
17	Antenna Wi (60 Deg)	None					105			
18	Antenna Wi (90 Deg)	None					105			
19	Antenna Wi (120 Deg)	None					105			
20	Antenna Wi (150 Deg)	None					105			
21	Antenna Wi (180 Deg)	None					105			
22	Antenna Wi (210 Deg)	None					105			
23	Antenna Wi (240 Deg)	None					105			
24	Antenna Wi (270 Deg)	None					105			
25	Antenna Wi (300 Deg)	None					105			
26	Antenna Wi (330 Deg)	None					105			
27	Antenna Wm (0 Deg)	None					105			
28	Antenna Wm (30 Deg)	None					105			
29	Antenna Wm (60 Deg)	None					105			
30	Antenna Wm (90 Deg)	None					105			
31	Antenna Wm (120 Deg)	None					105			
32	Antenna Wm (150 Deg)	None					105			
33	Antenna Wm (180 Deg)	None					105			
34	Antenna Wm (210 Deg)	None					105			
35	Antenna Wm (240 Deg)	None					105			
36	Antenna Wm (270 Deg)	None					105			
37	Antenna Wm (300 Deg)	None					105			
38	Antenna Wm (330 Deg)	None					105			
39	Structure D	None		-1					3	
40	Structure Di	None						57	3	
41	Structure Wo (0 Deg)	None						114		
42	Structure Wo (30 Deg)	None						114		
43	Structure Wo (60 Deg)	None						114		
44	Structure Wo (90 Deg)	None						114		
45	Structure Wo (120 Deg)	None						114		
46	Structure Wo (150 Deg)	None						114		
47	Structure Wo (180 Deg)	None						114		
48	Structure Wo (210 Deg)	None						114		
49	Structure Wo (240 Deg)	None						114		
50	Structure Wo (270 Deg)	None						114		
51	Structure Wo (300 Deg)	None						114		
52	Structure Wo (330 Deg)	None						114		
53	Structure Wi (0 Deg)	None						114		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(...
54	Structure Wi (30 Deg)	None						114		
55	Structure Wi (60 Deg)	None						114		
56	Structure Wi (90 Deg)	None						114		
57	Structure Wi (120 Deg)	None						114		
58	Structure Wi (150 Deg)	None						114		
59	Structure Wi (180 Deg)	None						114		
60	Structure Wi (210 Deg)	None						114		
61	Structure Wi (240 Deg)	None						114		
62	Structure Wi (270 Deg)	None						114		
63	Structure Wi (300 Deg)	None						114		
64	Structure Wi (330 Deg)	None						114		
65	Structure Wm (0 Deg)	None						114		
66	Structure Wm (30 Deg)	None						114		
67	Structure Wm (60 Deg)	None						114		
68	Structure Wm (90 Deg)	None						114		
69	Structure Wm (120 Deg)	None						114		
70	Structure Wm (150 Deg)	None						114		
71	Structure Wm (180 Deg)	None						114		
72	Structure Wm (210 Deg)	None						114		
73	Structure Wm (240 Deg)	None						114		
74	Structure Wm (270 Deg)	None						114		
75	Structure Wm (300 Deg)	None						114		
76	Structure Wm (330 Deg)	None						114		
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	S...	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
1	1.2D+1.0Wo (0 Deg)	Yes	Y		1	1.2	39	1.2	3	1	41	1														
2	1.2D+1.0Wo (30 Deg)	Yes	Y		1	1.2	39	1.2	4	1	42	1														
3	1.2D+1.0Wo (60 Deg)	Yes	Y		1	1.2	39	1.2	5	1	43	1														
4	1.2D+1.0Wo (90 Deg)	Yes	Y		1	1.2	39	1.2	6	1	44	1														
5	1.2D+1.0Wo (120 Deg)	Yes	Y		1	1.2	39	1.2	7	1	45	1														
6	1.2D+1.0Wo (150 Deg)	Yes	Y		1	1.2	39	1.2	8	1	46	1														
7	1.2D+1.0Wo (180 Deg)	Yes	Y		1	1.2	39	1.2	9	1	47	1														
8	1.2D+1.0Wo (210 Deg)	Yes	Y		1	1.2	39	1.2	10	1	48	1														
9	1.2D+1.0Wo (240 Deg)	Yes	Y		1	1.2	39	1.2	11	1	49	1														
10	1.2D+1.0Wo (270 Deg)	Yes	Y		1	1.2	39	1.2	12	1	50	1														
11	1.2D+1.0Wo (300 Deg)	Yes	Y		1	1.2	39	1.2	13	1	51	1														
12	1.2D+1.0Wo (330 Deg)	Yes	Y		1	1.2	39	1.2	14	1	52	1														
13	1.2D + 1.0Di + 1.0Wi (0 ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1										
14	1.2D + 1.0Di + 1.0Wi (30...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1										
15	1.2D + 1.0Di + 1.0Wi (60...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1										
16	1.2D + 1.0Di + 1.0Wi (90...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1										
17	1.2D + 1.0Di + 1.0Wi (12...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1										
18	1.2D + 1.0Di + 1.0Wi (15...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1										
19	1.2D + 1.0Di + 1.0Wi (18...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1										
20	1.2D + 1.0Di + 1.0Wi (21...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1										
21	1.2D + 1.0Di + 1.0Wi (24...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1										
22	1.2D + 1.0Di + 1.0Wi (27...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1										
23	1.2D + 1.0Di + 1.0Wi (30...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1										

Load Combinations (Continued)

	Description	S...	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
24	1.2D + 1.0Di + 1.0Wi (33...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1.0Wm...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1.0Wm...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1.0Wm...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0Wm...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0Wm...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0Wm...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0Wm...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0Wm...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0Wm...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0Wm...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0Wm...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0Wm...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0Wm...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0Wm...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0Wm...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0Wm...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0Wm...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0Wm...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0Wm...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0Wm...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0Wm...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0Wm...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0Wm...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0Wm...	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																

Joint Coordinates and Temperatures

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
1	N1	75	0	45.726279	0	
2	N2	-75	0	45.726279	0	
3	N3	0	0	-14.5	0	
4	N5	-30.5	0	-32.5	0	
5	N6	27.78125	2.	-32.5	0	
6	N7	-27.78125	2.	-32.5	0	
7	N8	48.5	0	45.726279	0	
8	N9	48.5	0	48.726279	0	
9	N22	48.5	-32.	48.726279	0	
10	N23	48.5	52.	48.726279	0	
11	N24	0	0	-32.5	0	
12	N27	0	0	-76.75	0	
13	CP	0	0	0	0	
14	N29	27.78125	0	-32.5	0	
15	N30	-27.78125	0	-32.5	0	
16	N101	30.5	0	-32.5	0	
17	N102	-2.	0	-32.5	0	
18	N103A	2.	0	-32.5	0	
19	N104A	-30.5	0	-35.125	0	
20	N105	30.5	0	-35.125	0	
21	N131	29.5	0	-36.857051	0	
22	N135	6.859375	0	-75.586278	0	
23	N144	-29.5	0	-36.857051	0	
24	N148	-6.859375	0	-75.586278	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
25	N86A	31.015548	0	-37.732053	0	
26	N86B	-31.015548	0	-37.732053	0	
27	N86C	-6.1875	0	-76.75	0	
28	N87A	6.1875	0	-76.75	0	
29	N86D	8.585144	0	-76.582652	0	
30	N86E	-8.585144	0	-76.582652	0	
31	N88A	0	0	-75.75	0	
32	N87C	2.810851	2.	-75.75	0	
33	N86G	2.810851	0	-75.75	0	
34	N87B	-2.810851	2.	-75.75	0	
35	N88C	-2.810851	0	-75.75	0	
36	N87D	-12.557368	0	7.25	0	
37	N88B	-12.895826	0	42.663775	0	
38	N89	-42.036451	2.	-7.809268	0	
39	N90	-14.255201	2.	40.309268	0	
40	N91	-28.145826	0	16.25	0	
41	N92	-66.46745	0	38.375	0	
42	N93	-42.036451	0	-7.809268	0	
43	N94	-14.255201	0	40.309268	0	
44	N95	-43.395826	0	-10.163775	0	
45	N96	-27.145826	0	17.982051	0	
46	N97	-29.145826	0	14.517949	0	
47	N98	-15.169142	0	43.976275	0	
48	N99	-45.669142	0	-8.851275	0	
49	N100	-46.669142	0	-7.119224	0	
50	N101A	-68.889325	0	31.852746	0	
51	N102A	-17.169142	0	43.976275	0	
52	N103	-62.02995	0	43.733532	0	
53	N104	-48.18469	0	-7.994226	0	
54	N105A	-17.169142	0	45.726279	0	
55	N106	-63.3737	0	43.733532	0	
56	N107	-69.5612	0	33.016468	0	
57	N108	-70.615094	0	30.856373	0	
58	N109	-62.02995	0	45.726279	0	
59	N110	-65.601424	0	37.875	0	
60	N111	-67.00685	2.	35.440732	0	
61	N112	-67.00685	0	35.440732	0	
62	N113	-64.195999	2.	40.309268	0	
63	N114	-64.195999	0	40.309268	0	
64	N115	12.557368	0	7.25	0	
65	N116	43.395826	0	-10.163775	0	
66	N117	14.255201	2.	40.309268	0	
67	N118	42.036451	2.	-7.809268	0	
68	N119	28.145826	0	16.25	0	
69	N120	66.46745	0	38.375	0	
70	N121	14.255201	0	40.309268	0	
71	N122	42.036451	0	-7.809268	0	
72	N123	12.895826	0	42.663775	0	
73	N124	29.145826	0	14.517949	0	
74	N125	27.145826	0	17.982051	0	
75	N126	45.669142	0	-8.851275	0	
76	N127	15.169142	0	43.976275	0	
77	N128	17.169142	0	43.976275	0	
78	N129	62.02995	0	43.733532	0	
79	N130	46.669142	0	-7.119224	0	
80	N131A	68.889325	0	31.852746	0	
81	N132	17.169142	0	45.726279	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
82	N133	48.18469	0	-7.994226	0	
83	N134	69.5612	0	33.016468	0	
84	N135A	63.3737	0	43.733532	0	
85	N136	62.02995	0	45.726279	0	
86	N137	70.615094	0	30.856373	0	
87	N138	65.601424	0	37.875	0	
88	N139	64.195999	2.	40.309268	0	
89	N140	64.195999	0	40.309268	0	
90	N141	67.00685	2.	35.440732	0	
91	N142	67.00685	0	35.440732	0	
92	N104B	2.100119	0	-87.815045	0	
93	N105B	77.100119	0	42.088766	0	
94	N124A	-77.100119	0	42.088766	0	
95	N125A	-2.100119	0	-87.815045	0	
96	N140B	75	33.5	45.726279	0	
97	N141B	-75	33.5	45.726279	0	
98	N142A	48.5	33.5	45.726279	0	
99	N143	48.5	33.5	48.726279	0	
100	N100A	0.5	0	45.726279	0	
101	N101B	0.5	0	48.726279	0	
102	N102B	0.5	-32.	48.726279	0	
103	N103B	0.5	52.	48.726279	0	
104	N104C	0.5	33.5	45.726279	0	
105	N105C	0.5	33.5	48.726279	0	
106	N106A	-32.25	0	45.726279	0	
107	N107A	-32.25	0	48.726279	0	
108	N108A	-32.25	-32.	48.726279	0	
109	N109A	-32.25	52.	48.726279	0	
110	N110A	-32.25	33.5	45.726279	0	
111	N111A	-32.25	33.5	48.726279	0	
112	N112A	-68.5	0	45.726279	0	
113	N113A	-68.5	0	48.726279	0	
114	N114A	-68.5	-32.	48.726279	0	
115	N115A	-68.5	52.	48.726279	0	
116	N116A	-68.5	33.5	45.726279	0	
117	N117A	-68.5	33.5	48.726279	0	
118	N118A	15.350119	0	-64.865372	0	
119	N119A	17.948196	0	-66.365372	0	
120	N120A	17.948196	-32.	-66.365372	0	
121	N121A	17.948196	52.	-66.365372	0	
122	N123A	2.100119	33.5	-87.815045	0	
123	N124B	77.100119	33.5	42.088766	0	
124	N125B	15.350119	33.5	-64.865372	0	
125	N126A	17.948196	33.5	-66.365372	0	
126	N127A	39.350119	0	-23.296152	0	
127	N128A	41.948196	0	-24.796152	0	
128	N129A	41.948196	-32.	-24.796152	0	
129	N130A	41.948196	52.	-24.796152	0	
130	N131B	39.350119	33.5	-23.296152	0	
131	N132A	41.948196	33.5	-24.796152	0	
132	N133A	55.725119	0	5.06618	0	
133	N134A	58.323196	0	3.56618	0	
134	N135B	58.323196	-32.	3.56618	0	
135	N136A	58.323196	52.	3.56618	0	
136	N137A	55.725119	33.5	5.06618	0	
137	N138A	58.323196	33.5	3.56618	0	
138	N139A	73.850119	0	36.459601	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
139	N140A	76.448196	0	34.959601	0	
140	N141A	76.448196	-32.	34.959601	0	
141	N142B	76.448196	52.	34.959601	0	
142	N143A	73.850119	33.5	36.459601	0	
143	N144A	76.448196	33.5	34.959601	0	
144	N145	-63.850119	0	19.139093	0	
145	N146	-66.448196	0	17.639092	0	
146	N147	-66.448196	-32.	17.639092	0	
147	N148A	-66.448196	52.	17.639092	0	
148	N150	-77.100119	33.5	42.088766	0	
149	N151	-2.100119	33.5	-87.815045	0	
150	N152	-63.850119	33.5	19.139093	0	
151	N153	-66.448196	33.5	17.639092	0	
152	N154	-39.850119	0	-22.430127	0	
153	N155	-42.448196	0	-23.930127	0	
154	N156	-42.448196	-32.	-23.930127	0	
155	N157	-42.448196	52.	-23.930127	0	
156	N158	-39.850119	33.5	-22.430127	0	
157	N159	-42.448196	33.5	-23.930127	0	
158	N160	-23.475119	0	-50.792459	0	
159	N161	-26.073196	0	-52.292459	0	
160	N162	-26.073196	-32.	-52.292459	0	
161	N163	-26.073196	52.	-52.292459	0	
162	N164	-23.475119	33.5	-50.792459	0	
163	N165	-26.073196	33.5	-52.292459	0	
164	N166	-5.350119	0	-82.18588	0	
165	N167	-7.948196	0	-83.68588	0	
166	N168	-7.948196	-32.	-83.68588	0	
167	N169	-7.948196	52.	-83.68588	0	
168	N170	-5.350119	33.5	-82.18588	0	
169	N171	-7.948196	33.5	-83.68588	0	
170	N176	-58.98488	33.5	45.726279	0	
171	N177	-69.092559	33.5	28.219265	0	
172	N182	0	0	-23.5	0	
173	N183	-58.98488	31.	45.726279	0	
174	N192	-69.092559	31.	28.219265	0	
175	N175	69.092559	33.5	28.219265	0	
176	N176A	58.98488	33.5	45.726279	0	
177	N177A	69.092559	31.	28.219265	0	
178	N178	58.98488	31.	45.726279	0	
179	N179	-10.107679	33.5	-73.945544	0	
180	N180	10.107679	33.5	-73.945544	0	
181	N181	-10.107679	31.	-73.945544	0	
182	N182A	10.107679	31.	-73.945544	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 Crossmember	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_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm Plate	PL3/8x6	Column	RECT	Q235	Typical	2.25	.026	6.75	.101
8	Support Rail	PIPE_2.0	Column	RECT	A53 Gr.B	Typical	1.02	.627	.627	1.25

Hot Rolled Steel Section Sets (Continued)

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
9	Support Angle	L4X4X4	Column	RECT	A36 Gr.36	Typical	1.93	3	3	.044

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1...	Density[k/ft^3]	Yield[ksi]	Ry	Fu[ksi]	Rt
1	A992	29000	11154	.3	.65	.49	50	1.1	65	1.1
2	A36 Gr.36	29000	11154	.3	.65	.49	36	1.5	58	1.2
3	A572 Gr.50	29000	11154	.3	.65	.49	50	1.1	65	1.1
4	A500 Gr.B RND	29000	11154	.3	.65	.527	42	1.4	58	1.3
5	A500 Gr.B Rect	29000	11154	.3	.65	.527	46	1.4	58	1.3
6	A53 Gr.B	29000	11154	.3	.65	.49	35	1.6	60	1.2
7	A1085	29000	11154	.3	.65	.49	50	1.4	65	1.3
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	RAY	N3	N27			Standoff Horiz...	Beam	SquareTube	Q235	Typical
3	M10	N101	N103A			Platform Cross...	Beam	SquareTube	Q235	Typical
4	M19	N8	N9			RIGID	None	None	RIGID	Typical
5	MP1A	N23	N22			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
6	M43	N102	N5			Platform Cross...	Beam	SquareTube	Q235	Typical
7	M46	N86C	N87A			Corner Plate	Beam	BAR	Q235	Typical
8	M35A	N7	N30			RIGID	None	None	RIGID	Typical
9	M36A	N6	N29			RIGID	None	None	RIGID	Typical
10	M51B	N87C	N6			Grating Support	Beam	Single Angle	Q235	Typical
11	M52B	N7	N87B			Grating Support	Beam	Single Angle	Q235	Typical
12	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
13	M58	N102	N24			RIGID	None	None	RIGID	Typical
14	M59	N24	N103A			RIGID	None	None	RIGID	Typical
15	M76	N101	N105			Cross Arm Plate	Column	RECT	Q235	Typical
16	M77	N105	N131			Cross Arm Plate	Column	RECT	Q235	Typical
17	M79	N131	N86A			RIGID	None	None	RIGID	Typical
18	M80	N87A	N135			Corner Plate	Beam	BAR	Q235	Typical
19	M83	N135	N86D			RIGID	None	None	RIGID	Typical
20	M84	N5	N104A			Cross Arm Plate	Column	RECT	Q235	Typical
21	M85	N104A	N144			Cross Arm Plate	Column	RECT	Q235	Typical
22	M88	N144	N86B			RIGID	None	None	RIGID	Typical
23	M91	N86C	N148			Corner Plate	Beam	BAR	Q235	Typical
24	M92	N148	N86E			RIGID	None	None	RIGID	Typical
25	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
26	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
27	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
28	M52A	N87D	N92			Standoff Horiz...	Beam	SquareTube	Q235	Typical
29	M53	N95	N97			Platform Cross...	Beam	SquareTube	Q235	Typical
30	M54	N96	N88B			Platform Cross...	Beam	SquareTube	Q235	Typical
31	M55	N106	N107			Corner Plate	Beam	BAR	Q235	Typical
32	M56	N90	N94			RIGID	None	None	RIGID	Typical
33	M57	N89	N93			RIGID	None	None	RIGID	Typical
34	M58A	N111	N89			Grating Support	Beam	Single Angle	Q235	Typical
35	M59A	N90	N113			Grating Support	Beam	Single Angle	Q235	Typical
36	M60	N113	N114			RIGID	None	None	RIGID	Typical
37	M61	N96	N91			RIGID	None	None	RIGID	Typical
38	M62	N91	N97			RIGID	None	None	RIGID	Typical
39	M63	N95	N99			Cross Arm Plate	Column	RECT	Q235	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
40	M64	N99	N100			Cross Arm Plate	Column	RECT	Q235	Typical
41	M65	N100	N104			RIGID	None	None	RIGID	Typical
42	M66	N107	N101A			Corner Plate	Beam	BAR	Q235	Typical
43	M67	N101A	N108			RIGID	None	None	RIGID	Typical
44	M68	N88B	N98			Cross Arm Plate	Column	RECT	Q235	Typical
45	M69	N98	N102A			Cross Arm Plate	Column	RECT	Q235	Typical
46	M70	N102A	N105A			RIGID	None	None	RIGID	Typical
47	M71	N106	N103			Corner Plate	Beam	BAR	Q235	Typical
48	M72	N103	N109			RIGID	None	None	RIGID	Typical
49	M73	N114	N110			RIGID	None	None	RIGID	Typical
50	M74	N110	N112			RIGID	None	None	RIGID	Typical
51	M75	N111	N112			RIGID	None	None	RIGID	Typical
52	M76A	N115	N120			Standoff Horiz...	Beam	SquareTube	Q235	Typical
53	M77A	N123	N125			Platform Cross...	Beam	SquareTube	Q235	Typical
54	M78	N124	N116			Platform Cross...	Beam	SquareTube	Q235	Typical
55	M79A	N134	N135A			Corner Plate	Beam	BAR	Q235	Typical
56	M80A	N118	N122			RIGID	None	None	RIGID	Typical
57	M81	N117	N121			RIGID	None	None	RIGID	Typical
58	M82	N139	N117			Grating Support	Beam	Single Angle	Q235	Typical
59	M83A	N118	N141			Grating Support	Beam	Single Angle	Q235	Typical
60	M84A	N141	N142			RIGID	None	None	RIGID	Typical
61	M85A	N124	N119			RIGID	None	None	RIGID	Typical
62	M86	N119	N125			RIGID	None	None	RIGID	Typical
63	M87	N123	N127			Cross Arm Plate	Column	RECT	Q235	Typical
64	M88A	N127	N128			Cross Arm Plate	Column	RECT	Q235	Typical
65	M89	N128	N132			RIGID	None	None	RIGID	Typical
66	M90	N135A	N129			Corner Plate	Beam	BAR	Q235	Typical
67	M91A	N129	N136			RIGID	None	None	RIGID	Typical
68	M92A	N116	N126			Cross Arm Plate	Column	RECT	Q235	Typical
69	M93	N126	N130			Cross Arm Plate	Column	RECT	Q235	Typical
70	M94	N130	N133			RIGID	None	None	RIGID	Typical
71	M95	N134	N131A			Corner Plate	Beam	BAR	Q235	Typical
72	M96	N131A	N137			RIGID	None	None	RIGID	Typical
73	M97	N142	N138			RIGID	None	None	RIGID	Typical
74	M98	N138	N140			RIGID	None	None	RIGID	Typical
75	M99	N139	N140			RIGID	None	None	RIGID	Typical
76	M82A	N104B	N105B			Face Horizontal	Beam	Pipe	Q235	Typical
77	M91B	N124A	N125A			Face Horizontal	Beam	Pipe	Q235	Typical
78	M100	N140B	N141B			Support Rail	Column	RECT	A53 Gr.B	Typical
79	M101	N142A	N143			RIGID	None	None	RIGID	Typical
80	M80B	N100A	N101B			RIGID	None	None	RIGID	Typical
81	MP2A	N103B	N102B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
82	M82B	N104C	N105C			RIGID	None	None	RIGID	Typical
83	M83B	N106A	N107A			RIGID	None	None	RIGID	Typical
84	MP3A	N109A	N108A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
85	M85B	N110A	N111A			RIGID	None	None	RIGID	Typical
86	M86A	N112A	N113A			RIGID	None	None	RIGID	Typical
87	MP4A	N115A	N114A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
88	M88B	N116A	N117A			RIGID	None	None	RIGID	Typical
89	M89A	N118A	N119A			RIGID	None	None	RIGID	Typical
90	MP1C	N121A	N120A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
91	M91C	N123A	N124B			Support Rail	Column	RECT	A53 Gr.B	Typical
92	M92B	N125B	N126A			RIGID	None	None	RIGID	Typical
93	M93A	N127A	N128A			RIGID	None	None	RIGID	Typical
94	MP2C	N130A	N129A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
95	M95A	N131B	N132A			RIGID	None	None	RIGID	Typical
96	M96A	N133A	N134A			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
97	MP3C	N136A	N135B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
98	M98A	N137A	N138A			RIGID	None	None	RIGID	Typical
99	M99A	N139A	N140A			RIGID	None	None	RIGID	Typical
100	MP4C	N142B	N141A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
101	M101A	N143A	N144A			RIGID	None	None	RIGID	Typical
102	M102	N145	N146			RIGID	None	None	RIGID	Typical
103	MP1B	N148A	N147			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
104	M104	N150	N151			Support Rail	Column	RECT	A53 Gr.B	Typical
105	M105	N152	N153			RIGID	None	None	RIGID	Typical
106	M106	N154	N155			RIGID	None	None	RIGID	Typical
107	MP2B	N157	N156			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
108	M108	N158	N159			RIGID	None	None	RIGID	Typical
109	M109	N160	N161			RIGID	None	None	RIGID	Typical
110	MP3B	N163	N162			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
111	M111	N164	N165			RIGID	None	None	RIGID	Typical
112	M112	N166	N167			RIGID	None	None	RIGID	Typical
113	MP4B	N169	N168			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
114	M114	N170	N171			RIGID	None	None	RIGID	Typical
115	M118	N183	N192		180	Support Angle	Column	RECT	A36 Gr.36	Typical
116	M124	N176	N183		90	RIGID	None	None	RIGID	Typical
117	M129	N177	N192		30	RIGID	None	None	RIGID	Typical
118	M118A	N177A	N178		180	Support Angle	Column	RECT	A36 Gr.36	Typical
119	M119	N175	N177A		150	RIGID	None	None	RIGID	Typical
120	M120	N176A	N178		90	RIGID	None	None	RIGID	Typical
121	M121	N181	N182A		180	Support Angle	Column	RECT	A36 Gr.36	Typical
122	M122	N179	N181		30	RIGID	None	None	RIGID	Typical
123	M123	N180	N182A		150	RIGID	None	None	RIGID	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	RAY						Yes				None
3	M10						Yes	Default			None
4	M19						Yes	** NA **			None
5	MP1A						Yes	** NA **			None
6	M43						Yes	Default			None
7	M46						Yes	Default			None
8	M35A						Yes	** NA **			None
9	M36A						Yes	** NA **			None
10	M51B	OOOOOX	OOOOOX				Yes	Default			None
11	M52B	OOOOOX	OOOOOX				Yes	Default			None
12	M52						Yes	** NA **			None
13	M58						Yes	** NA **			None
14	M59						Yes	** NA **			None
15	M76						Yes	** NA **			None
16	M77						Yes	** NA **			None
17	M79		BenPIN				Yes	** NA **			None
18	M80						Yes				None
19	M83		BenPIN				Yes	** NA **			None
20	M84						Yes	** NA **			None
21	M85						Yes	** NA **			None
22	M88		BenPIN				Yes	** NA **			None
23	M91						Yes				None
24	M92		BenPIN				Yes	** NA **			None
25	M50						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...
26	M51						Yes	** NA **			None
27	M51A						Yes	** NA **			None
28	M52A						Yes				None
29	M53						Yes	Default			None
30	M54						Yes	Default			None
31	M55						Yes	Default			None
32	M56						Yes	** NA **			None
33	M57						Yes	** NA **			None
34	M58A	OOOOOX	OOOOOX				Yes	Default			None
35	M59A	OOOOOX	OOOOOX				Yes	Default			None
36	M60						Yes	** NA **			None
37	M61						Yes	** NA **			None
38	M62						Yes	** NA **			None
39	M63						Yes	** NA **			None
40	M64						Yes	** NA **			None
41	M65		BenPIN				Yes	** NA **			None
42	M66						Yes				None
43	M67		BenPIN				Yes	** NA **			None
44	M68						Yes	** NA **			None
45	M69						Yes	** NA **			None
46	M70		BenPIN				Yes	** NA **			None
47	M71						Yes				None
48	M72		BenPIN				Yes	** NA **			None
49	M73						Yes	** NA **			None
50	M74						Yes	** NA **			None
51	M75						Yes	** NA **			None
52	M76A						Yes				None
53	M77A						Yes	Default			None
54	M78						Yes	Default			None
55	M79A						Yes	Default			None
56	M80A						Yes	** NA **			None
57	M81						Yes	** NA **			None
58	M82	OOOOOX	OOOOOX				Yes	Default			None
59	M83A	OOOOOX	OOOOOX				Yes	Default			None
60	M84A						Yes	** NA **			None
61	M85A						Yes	** NA **			None
62	M86						Yes	** NA **			None
63	M87						Yes	** NA **			None
64	M88A						Yes	** NA **			None
65	M89		BenPIN				Yes	** NA **			None
66	M90						Yes				None
67	M91A		BenPIN				Yes	** NA **			None
68	M92A						Yes	** NA **			None
69	M93						Yes	** NA **			None
70	M94		BenPIN				Yes	** NA **			None
71	M95						Yes				None
72	M96		BenPIN				Yes	** NA **			None
73	M97						Yes	** NA **			None
74	M98						Yes	** NA **			None
75	M99						Yes	** NA **			None
76	M82A						Yes	Default			None
77	M91B						Yes	Default			None
78	M100						Yes	** NA **			None
79	M101						Yes	** NA **			None
80	M80B						Yes	** NA **			None
81	MP2A						Yes	** NA **			None
82	M82B						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...
83	M83B						Yes	** NA **			None
84	MP3A						Yes	** NA **			None
85	M85B						Yes	** NA **			None
86	M86A						Yes	** NA **			None
87	MP4A						Yes	** NA **			None
88	M88B						Yes	** NA **			None
89	M89A						Yes	** NA **			None
90	MP1C						Yes	** NA **			None
91	M91C						Yes	** NA **			None
92	M92B						Yes	** NA **			None
93	M93A						Yes	** NA **			None
94	MP2C						Yes	** NA **			None
95	M95A						Yes	** NA **			None
96	M96A						Yes	** NA **			None
97	MP3C						Yes	** NA **			None
98	M98A						Yes	** NA **			None
99	M99A						Yes	** NA **			None
100	MP4C						Yes	** NA **			None
101	M101A						Yes	** NA **			None
102	M102						Yes	** NA **			None
103	MP1B						Yes	** NA **			None
104	M104						Yes	** NA **			None
105	M105						Yes	** NA **			None
106	M106						Yes	** NA **			None
107	MP2B						Yes	** NA **			None
108	M108						Yes	** NA **			None
109	M109						Yes	** NA **			None
110	MP3B						Yes	** NA **			None
111	M111						Yes	** NA **			None
112	M112						Yes	** NA **			None
113	MP4B						Yes	** NA **			None
114	M114						Yes	** NA **			None
115	M118						Yes	** NA **			None
116	M124	OOOXXO					Yes	** NA **			None
117	M129	OOOXXO					Yes	** NA **			None
118	M118A						Yes	** NA **			None
119	M119	OOOXXO					Yes	** NA **			None
120	M120	OOOXXO					Yes	** NA **			None
121	M121						Yes	** NA **			None
122	M122	OOOXXO					Yes	** NA **			None
123	M123	OOOXXO					Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	Y	-84.4	36
2	MP3A	My	.042	36
3	MP3A	Mz	0	36
4	MP3B	Y	-84.4	36
5	MP3B	My	-.027	36
6	MP3B	Mz	.032	36
7	MP3C	Y	-84.4	36
8	MP3C	My	-.021	36
9	MP3C	Mz	-.037	36
10	RAY	Y	-26.9	9
11	RAY	My	0	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
12	RAY	Mz	.013	9
13	MP1A	Y	-43.55	21
14	MP1A	My	-.022	21
15	MP1A	Mz	0	21
16	MP1A	Y	-43.55	45
17	MP1A	My	-.022	45
18	MP1A	Mz	0	45
19	MP1B	Y	-43.55	21
20	MP1B	My	.014	21
21	MP1B	Mz	-.017	21
22	MP1B	Y	-43.55	45
23	MP1B	My	.014	45
24	MP1B	Mz	-.017	45
25	MP1C	Y	-43.55	21
26	MP1C	My	.011	21
27	MP1C	Mz	.019	21
28	MP1C	Y	-43.55	45
29	MP1C	My	.011	45
30	MP1C	Mz	.019	45
31	MP3A	Y	-31.65	3
32	MP3A	My	-.016	3
33	MP3A	Mz	.02	3
34	MP3A	Y	-31.65	63
35	MP3A	My	-.016	63
36	MP3A	Mz	.02	63
37	MP3B	Y	-31.65	3
38	MP3B	My	-.005	3
39	MP3B	Mz	-.025	3
40	MP3B	Y	-31.65	63
41	MP3B	My	-.005	63
42	MP3B	Mz	-.025	63
43	MP3C	Y	-31.65	3
44	MP3C	My	.025	3
45	MP3C	Mz	.004	3
46	MP3C	Y	-31.65	63
47	MP3C	My	.025	63
48	MP3C	Mz	.004	63
49	MP3A	Y	-31.65	3
50	MP3A	My	-.016	3
51	MP3A	Mz	-.02	3
52	MP3A	Y	-31.65	63
53	MP3A	My	-.016	63
54	MP3A	Mz	-.02	63
55	MP3B	Y	-31.65	3
56	MP3B	My	.025	3
57	MP3B	Mz	.000592	3
58	MP3B	Y	-31.65	63
59	MP3B	My	.025	63
60	MP3B	Mz	.000592	63
61	MP3C	Y	-31.65	3
62	MP3C	My	-.009	3
63	MP3C	Mz	.024	3
64	MP3C	Y	-31.65	63
65	MP3C	My	-.009	63
66	MP3C	Mz	.024	63
67	MP4A	Y	-24.9	3
68	MP4A	My	-.012	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
69	MP4A	Mz	0	3
70	MP4A	Y	-24.9	63
71	MP4A	My	-.012	63
72	MP4A	Mz	0	63
73	MP4B	Y	-24.9	3
74	MP4B	My	.008	3
75	MP4B	Mz	-.01	3
76	MP4B	Y	-24.9	63
77	MP4B	My	.008	63
78	MP4B	Mz	-.01	63
79	MP4C	Y	-24.9	3
80	MP4C	My	.006	3
81	MP4C	Mz	.011	3
82	MP4C	Y	-24.9	63
83	MP4C	My	.006	63
84	MP4C	Mz	.011	63
85	MP2A	Y	-70.3	36
86	MP2A	My	.035	36
87	MP2A	Mz	0	36
88	MP2B	Y	-70.3	36
89	MP2B	My	-.018	36
90	MP2B	Mz	.03	36
91	MP2C	Y	-70.3	36
92	MP2C	My	-.018	36
93	MP2C	Mz	-.03	36
94	MP2A	Y	-10	36
95	MP2A	My	-.005	36
96	MP2A	Mz	0	36
97	MP2B	Y	-10	36
98	MP2B	My	.003	36
99	MP2B	Mz	-.004	36
100	MP2C	Y	-10	36
101	MP2C	My	.003	36
102	MP2C	Mz	.004	36
103	RAY	Y	-26.9	9
104	RAY	My	0	9
105	RAY	Mz	.013	9

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	Y	-45.248	36
2	MP3A	My	.023	36
3	MP3A	Mz	0	36
4	MP3B	Y	-45.248	36
5	MP3B	My	-.015	36
6	MP3B	Mz	.017	36
7	MP3C	Y	-45.248	36
8	MP3C	My	-.011	36
9	MP3C	Mz	-.02	36
10	RAY	Y	-55.713	9
11	RAY	My	0	9
12	RAY	Mz	.028	9
13	MP1A	Y	-35.886	21
14	MP1A	My	-.018	21
15	MP1A	Mz	0	21
16	MP1A	Y	-35.886	45

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
17	MP1A	My	-.018	45
18	MP1A	Mz	0	45
19	MP1B	Y	-35.886	21
20	MP1B	My	.012	21
21	MP1B	Mz	-.014	21
22	MP1B	Y	-35.886	45
23	MP1B	My	.012	45
24	MP1B	Mz	-.014	45
25	MP1C	Y	-35.886	21
26	MP1C	My	.009	21
27	MP1C	Mz	.016	21
28	MP1C	Y	-35.886	45
29	MP1C	My	.009	45
30	MP1C	Mz	.016	45
31	MP3A	Y	-70.473	3
32	MP3A	My	-.035	3
33	MP3A	Mz	.044	3
34	MP3A	Y	-70.473	63
35	MP3A	My	-.035	63
36	MP3A	Mz	.044	63
37	MP3B	Y	-70.473	3
38	MP3B	My	-.011	3
39	MP3B	Mz	-.055	3
40	MP3B	Y	-70.473	63
41	MP3B	My	-.011	63
42	MP3B	Mz	-.055	63
43	MP3C	Y	-70.473	3
44	MP3C	My	.056	3
45	MP3C	Mz	.008	3
46	MP3C	Y	-70.473	63
47	MP3C	My	.056	63
48	MP3C	Mz	.008	63
49	MP3A	Y	-70.473	3
50	MP3A	My	-.035	3
51	MP3A	Mz	-.044	3
52	MP3A	Y	-70.473	63
53	MP3A	My	-.035	63
54	MP3A	Mz	-.044	63
55	MP3B	Y	-70.473	3
56	MP3B	My	.056	3
57	MP3B	Mz	.001	3
58	MP3B	Y	-70.473	63
59	MP3B	My	.056	63
60	MP3B	Mz	.001	63
61	MP3C	Y	-70.473	3
62	MP3C	My	-.021	3
63	MP3C	Mz	.053	3
64	MP3C	Y	-70.473	63
65	MP3C	My	-.021	63
66	MP3C	Mz	.053	63
67	MP4A	Y	-80.187	3
68	MP4A	My	-.04	3
69	MP4A	Mz	0	3
70	MP4A	Y	-80.187	63
71	MP4A	My	-.04	63
72	MP4A	Mz	0	63
73	MP4B	Y	-80.187	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
74	MP4B	My	.026	3
75	MP4B	Mz	-.031	3
76	MP4B	Y	-80.187	63
77	MP4B	My	.026	63
78	MP4B	Mz	-.031	63
79	MP4C	Y	-80.187	3
80	MP4C	My	.02	3
81	MP4C	Mz	.035	3
82	MP4C	Y	-80.187	63
83	MP4C	My	.02	63
84	MP4C	Mz	.035	63
85	MP2A	Y	-40.695	36
86	MP2A	My	.02	36
87	MP2A	Mz	0	36
88	MP2B	Y	-40.695	36
89	MP2B	My	-.01	36
90	MP2B	Mz	.018	36
91	MP2C	Y	-40.695	36
92	MP2C	My	-.01	36
93	MP2C	Mz	-.018	36
94	MP2A	Y	-24.235	36
95	MP2A	My	-.012	36
96	MP2A	Mz	0	36
97	MP2B	Y	-24.235	36
98	MP2B	My	.006	36
99	MP2B	Mz	-.01	36
100	MP2C	Y	-24.235	36
101	MP2C	My	.006	36
102	MP2C	Mz	.01	36
103	RAY	Y	-55.713	9
104	RAY	My	0	9
105	RAY	Mz	.028	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	0	36
2	MP3A	Z	-84.866	36
3	MP3A	Mx	0	36
4	MP3B	X	0	36
5	MP3B	Z	-68.354	36
6	MP3B	Mx	-.026	36
7	MP3C	X	0	36
8	MP3C	Z	-63.763	36
9	MP3C	Mx	.028	36
10	RAY	X	0	9
11	RAY	Z	-113.457	9
12	RAY	Mx	-.057	9
13	MP1A	X	0	21
14	MP1A	Z	-106.65	21
15	MP1A	Mx	0	21
16	MP1A	X	0	45
17	MP1A	Z	-106.65	45
18	MP1A	Mx	0	45
19	MP1B	X	0	21
20	MP1B	Z	-68.567	21
21	MP1B	Mx	.026	21

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
22	MP1B	X	0	45
23	MP1B	Z	-68.567	45
24	MP1B	Mx	.026	45
25	MP1C	X	0	21
26	MP1C	Z	-57.977	21
27	MP1C	Mx	-.025	21
28	MP1C	X	0	45
29	MP1C	Z	-57.977	45
30	MP1C	Mx	-.025	45
31	MP3A	X	0	3
32	MP3A	Z	-206.719	3
33	MP3A	Mx	-.129	3
34	MP3A	X	0	63
35	MP3A	Z	-206.719	63
36	MP3A	Mx	-.129	63
37	MP3B	X	0	3
38	MP3B	Z	-165.085	3
39	MP3B	Mx	.13	3
40	MP3B	X	0	63
41	MP3B	Z	-165.085	63
42	MP3B	Mx	.13	63
43	MP3C	X	0	3
44	MP3C	Z	-153.508	3
45	MP3C	Mx	-.018	3
46	MP3C	X	0	63
47	MP3C	Z	-153.508	63
48	MP3C	Mx	-.018	63
49	MP3A	X	0	3
50	MP3A	Z	-206.719	3
51	MP3A	Mx	.129	3
52	MP3A	X	0	63
53	MP3A	Z	-206.719	63
54	MP3A	Mx	.129	63
55	MP3B	X	0	3
56	MP3B	Z	-165.085	3
57	MP3B	Mx	-.003	3
58	MP3B	X	0	63
59	MP3B	Z	-165.085	63
60	MP3B	Mx	-.003	63
61	MP3C	X	0	3
62	MP3C	Z	-153.508	3
63	MP3C	Mx	-.114	3
64	MP3C	X	0	63
65	MP3C	Z	-153.508	63
66	MP3C	Mx	-.114	63
67	MP4A	X	0	3
68	MP4A	Z	-260.271	3
69	MP4A	Mx	0	3
70	MP4A	X	0	63
71	MP4A	Z	-260.271	63
72	MP4A	Mx	0	63
73	MP4B	X	0	3
74	MP4B	Z	-210.022	3
75	MP4B	Mx	.08	3
76	MP4B	X	0	63
77	MP4B	Z	-210.022	63
78	MP4B	Mx	.08	63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
79	MP4C	X	0	3
80	MP4C	Z	-196.049	3
81	MP4C	Mx	-.085	3
82	MP4C	X	0	63
83	MP4C	Z	-196.049	63
84	MP4C	Mx	-.085	63
85	MP2A	X	0	36
86	MP2A	Z	-84.866	36
87	MP2A	Mx	0	36
88	MP2B	X	0	36
89	MP2B	Z	-55.679	36
90	MP2B	Mx	-.024	36
91	MP2C	X	0	36
92	MP2C	Z	-55.679	36
93	MP2C	Mx	.024	36
94	MP2A	X	0	36
95	MP2A	Z	-43.568	36
96	MP2A	Mx	0	36
97	MP2B	X	0	36
98	MP2B	Z	-23.043	36
99	MP2B	Mx	.01	36
100	MP2C	X	0	36
101	MP2C	Z	-23.043	36
102	MP2C	Mx	-.01	36
103	RAY	X	0	9
104	RAY	Z	-113.457	9
105	RAY	Mx	-.057	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	38.916	36
2	MP3A	Z	-67.404	36
3	MP3A	Mx	.019	36
4	MP3B	X	28.789	36
5	MP3B	Z	-49.863	36
6	MP3B	Mx	-.028	36
7	MP3C	X	38.916	36
8	MP3C	Z	-67.404	36
9	MP3C	Mx	.019	36
10	RAY	X	51.756	9
11	RAY	Z	-89.645	9
12	RAY	Mx	-.045	9
13	MP1A	X	45.213	21
14	MP1A	Z	-78.311	21
15	MP1A	Mx	-.023	21
16	MP1A	X	45.213	45
17	MP1A	Z	-78.311	45
18	MP1A	Mx	-.023	45
19	MP1B	X	21.855	21
20	MP1B	Z	-37.854	21
21	MP1B	Mx	.022	21
22	MP1B	X	21.855	45
23	MP1B	Z	-37.854	45
24	MP1B	Mx	.022	45
25	MP1C	X	45.213	21
26	MP1C	Z	-78.311	21

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
27	MP1C	Mx	-.023	21
28	MP1C	X	45.213	45
29	MP1C	Z	-78.311	45
30	MP1C	Mx	-.023	45
31	MP3A	X	94.491	3
32	MP3A	Z	-163.663	3
33	MP3A	Mx	-.15	3
34	MP3A	X	94.491	63
35	MP3A	Z	-163.663	63
36	MP3A	Mx	-.15	63
37	MP3B	X	68.955	3
38	MP3B	Z	-119.433	3
39	MP3B	Mx	.083	3
40	MP3B	X	68.955	63
41	MP3B	Z	-119.433	63
42	MP3B	Mx	.083	63
43	MP3C	X	94.491	3
44	MP3C	Z	-163.663	3
45	MP3C	Mx	.055	3
46	MP3C	X	94.491	63
47	MP3C	Z	-163.663	63
48	MP3C	Mx	.055	63
49	MP3A	X	94.491	3
50	MP3A	Z	-163.663	3
51	MP3A	Mx	.055	3
52	MP3A	X	94.491	63
53	MP3A	Z	-163.663	63
54	MP3A	Mx	.055	63
55	MP3B	X	68.955	3
56	MP3B	Z	-119.433	3
57	MP3B	Mx	.053	3
58	MP3B	X	68.955	63
59	MP3B	Z	-119.433	63
60	MP3B	Mx	.053	63
61	MP3C	X	94.491	3
62	MP3C	Z	-163.663	3
63	MP3C	Mx	-.15	3
64	MP3C	X	94.491	63
65	MP3C	Z	-163.663	63
66	MP3C	Mx	-.15	63
67	MP4A	X	119.432	3
68	MP4A	Z	-206.862	3
69	MP4A	Mx	-.06	3
70	MP4A	X	119.432	63
71	MP4A	Z	-206.862	63
72	MP4A	Mx	-.06	63
73	MP4B	X	88.612	3
74	MP4B	Z	-153.481	3
75	MP4B	Mx	.087	3
76	MP4B	X	88.612	63
77	MP4B	Z	-153.481	63
78	MP4B	Mx	.087	63
79	MP4C	X	119.432	3
80	MP4C	Z	-206.862	3
81	MP4C	Mx	-.06	3
82	MP4C	X	119.432	63
83	MP4C	Z	-206.862	63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
84	MP4C	Mx	-.06	63
85	MP2A	X	37.569	36
86	MP2A	Z	-65.071	36
87	MP2A	Mx	.019	36
88	MP2B	X	22.975	36
89	MP2B	Z	-39.794	36
90	MP2B	Mx	-.023	36
91	MP2C	X	37.569	36
92	MP2C	Z	-65.071	36
93	MP2C	Mx	.019	36
94	MP2A	X	18.363	36
95	MP2A	Z	-31.806	36
96	MP2A	Mx	-.009	36
97	MP2B	X	8.101	36
98	MP2B	Z	-14.031	36
99	MP2B	Mx	.008	36
100	MP2C	X	18.363	36
101	MP2C	Z	-31.806	36
102	MP2C	Mx	-.009	36
103	RAY	X	51.756	9
104	RAY	Z	-89.645	9
105	RAY	Mx	-.045	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	55.22	36
2	MP3A	Z	-31.881	36
3	MP3A	Mx	.028	36
4	MP3B	X	51.979	36
5	MP3B	Z	-30.01	36
6	MP3B	Mx	-.028	36
7	MP3C	X	73.496	36
8	MP3C	Z	-42.433	36
9	MP3C	Mx	0	36
10	RAY	X	72.42	9
11	RAY	Z	-41.812	9
12	RAY	Mx	-.021	9
13	MP1A	X	50.21	21
14	MP1A	Z	-28.989	21
15	MP1A	Mx	-.025	21
16	MP1A	X	50.21	45
17	MP1A	Z	-28.989	45
18	MP1A	Mx	-.025	45
19	MP1B	X	42.734	21
20	MP1B	Z	-24.672	21
21	MP1B	Mx	.023	21
22	MP1B	X	42.734	45
23	MP1B	Z	-24.672	45
24	MP1B	Mx	.023	45
25	MP1C	X	92.361	21
26	MP1C	Z	-53.325	21
27	MP1C	Mx	0	21
28	MP1C	X	92.361	45
29	MP1C	Z	-53.325	45
30	MP1C	Mx	0	45
31	MP3A	X	132.942	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
32	MP3A	Z	-76.754	3
33	MP3A	Mx	-.114	3
34	MP3A	X	132.942	63
35	MP3A	Z	-76.754	63
36	MP3A	Mx	-.114	63
37	MP3B	X	124.768	3
38	MP3B	Z	-72.035	3
39	MP3B	Mx	.037	3
40	MP3B	X	124.768	63
41	MP3B	Z	-72.035	63
42	MP3B	Mx	.037	63
43	MP3C	X	179.024	3
44	MP3C	Z	-103.36	3
45	MP3C	Mx	.129	3
46	MP3C	X	179.024	63
47	MP3C	Z	-103.36	63
48	MP3C	Mx	.129	63
49	MP3A	X	132.942	3
50	MP3A	Z	-76.754	3
51	MP3A	Mx	-.018	3
52	MP3A	X	132.942	63
53	MP3A	Z	-76.754	63
54	MP3A	Mx	-.018	63
55	MP3B	X	124.768	3
56	MP3B	Z	-72.035	3
57	MP3B	Mx	.098	3
58	MP3B	X	124.768	63
59	MP3B	Z	-72.035	63
60	MP3B	Mx	.098	63
61	MP3C	X	179.024	3
62	MP3C	Z	-103.36	3
63	MP3C	Mx	-.129	3
64	MP3C	X	179.024	63
65	MP3C	Z	-103.36	63
66	MP3C	Mx	-.129	63
67	MP4A	X	169.784	3
68	MP4A	Z	-98.025	3
69	MP4A	Mx	-.085	3
70	MP4A	X	169.784	63
71	MP4A	Z	-98.025	63
72	MP4A	Mx	-.085	63
73	MP4B	X	159.919	3
74	MP4B	Z	-92.329	3
75	MP4B	Mx	.087	3
76	MP4B	X	159.919	63
77	MP4B	Z	-92.329	63
78	MP4B	Mx	.087	63
79	MP4C	X	225.401	3
80	MP4C	Z	-130.135	3
81	MP4C	Mx	0	3
82	MP4C	X	225.401	63
83	MP4C	Z	-130.135	63
84	MP4C	Mx	0	63
85	MP2A	X	48.22	36
86	MP2A	Z	-27.84	36
87	MP2A	Mx	.024	36
88	MP2B	X	48.22	36

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
89	MP2B	Z	-27.84	36
90	MP2B	Mx	-.024	36
91	MP2C	X	73.496	36
92	MP2C	Z	-42.433	36
93	MP2C	Mx	0	36
94	MP2A	X	19.956	36
95	MP2A	Z	-11.522	36
96	MP2A	Mx	-.01	36
97	MP2B	X	19.956	36
98	MP2B	Z	-11.522	36
99	MP2B	Mx	.01	36
100	MP2C	X	37.731	36
101	MP2C	Z	-21.784	36
102	MP2C	Mx	0	36
103	RAY	X	72.42	9
104	RAY	Z	-41.812	9
105	RAY	Mx	-.021	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	56.729	36
2	MP3A	Z	0	36
3	MP3A	Mx	.028	36
4	MP3B	X	73.24	36
5	MP3B	Z	0	36
6	MP3B	Mx	-.024	36
7	MP3C	X	77.832	36
8	MP3C	Z	0	36
9	MP3C	Mx	-.019	36
10	RAY	X	73.679	9
11	RAY	Z	0	9
12	RAY	Mx	0	9
13	MP1A	X	41.753	21
14	MP1A	Z	0	21
15	MP1A	Mx	-.021	21
16	MP1A	X	41.753	45
17	MP1A	Z	0	45
18	MP1A	Mx	-.021	45
19	MP1B	X	79.836	21
20	MP1B	Z	0	21
21	MP1B	Mx	.026	21
22	MP1B	X	79.836	45
23	MP1B	Z	0	45
24	MP1B	Mx	.026	45
25	MP1C	X	90.426	21
26	MP1C	Z	0	21
27	MP1C	Mx	.023	21
28	MP1C	X	90.426	45
29	MP1C	Z	0	45
30	MP1C	Mx	.023	45
31	MP3A	X	135.771	3
32	MP3A	Z	0	3
33	MP3A	Mx	-.068	3
34	MP3A	X	135.771	63
35	MP3A	Z	0	63
36	MP3A	Mx	-.068	63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
37	MP3B	X	177.405	3
38	MP3B	Z	0	3
39	MP3B	Mx	-.028	3
40	MP3B	X	177.405	63
41	MP3B	Z	0	63
42	MP3B	Mx	-.028	63
43	MP3C	X	188.982	3
44	MP3C	Z	0	3
45	MP3C	Mx	.15	3
46	MP3C	X	188.982	63
47	MP3C	Z	0	63
48	MP3C	Mx	.15	63
49	MP3A	X	135.771	3
50	MP3A	Z	0	3
51	MP3A	Mx	-.068	3
52	MP3A	X	135.771	63
53	MP3A	Z	0	63
54	MP3A	Mx	-.068	63
55	MP3B	X	177.405	3
56	MP3B	Z	0	3
57	MP3B	Mx	.142	3
58	MP3B	X	177.405	63
59	MP3B	Z	0	63
60	MP3B	Mx	.142	63
61	MP3C	X	188.982	3
62	MP3C	Z	0	3
63	MP3C	Mx	-.055	3
64	MP3C	X	188.982	63
65	MP3C	Z	0	63
66	MP3C	Mx	-.055	63
67	MP4A	X	174.642	3
68	MP4A	Z	0	3
69	MP4A	Mx	-.087	3
70	MP4A	X	174.642	63
71	MP4A	Z	0	63
72	MP4A	Mx	-.087	63
73	MP4B	X	224.891	3
74	MP4B	Z	0	3
75	MP4B	Mx	.072	3
76	MP4B	X	224.891	63
77	MP4B	Z	0	63
78	MP4B	Mx	.072	63
79	MP4C	X	238.864	3
80	MP4C	Z	0	3
81	MP4C	Mx	.06	3
82	MP4C	X	238.864	63
83	MP4C	Z	0	63
84	MP4C	Mx	.06	63
85	MP2A	X	45.95	36
86	MP2A	Z	0	36
87	MP2A	Mx	.023	36
88	MP2B	X	75.137	36
89	MP2B	Z	0	36
90	MP2B	Mx	-.019	36
91	MP2C	X	75.137	36
92	MP2C	Z	0	36
93	MP2C	Mx	-.019	36

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
94	MP2A	X	16.202	36
95	MP2A	Z	0	36
96	MP2A	Mx	-.008	36
97	MP2B	X	36.726	36
98	MP2B	Z	0	36
99	MP2B	Mx	.009	36
100	MP2C	X	36.726	36
101	MP2C	Z	0	36
102	MP2C	Mx	.009	36
103	RAY	X	73.679	9
104	RAY	Z	0	9
105	RAY	Mx	0	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	55.22	36
2	MP3A	Z	31.881	36
3	MP3A	Mx	.028	36
4	MP3B	X	72.761	36
5	MP3B	Z	42.009	36
6	MP3B	Mx	-.007	36
7	MP3C	X	55.22	36
8	MP3C	Z	31.881	36
9	MP3C	Mx	-.028	36
10	RAY	X	72.42	9
11	RAY	Z	41.812	9
12	RAY	Mx	.021	9
13	MP1A	X	50.21	21
14	MP1A	Z	28.989	21
15	MP1A	Mx	-.025	21
16	MP1A	X	50.21	45
17	MP1A	Z	28.989	45
18	MP1A	Mx	-.025	45
19	MP1B	X	90.667	21
20	MP1B	Z	52.346	21
21	MP1B	Mx	.009	21
22	MP1B	X	90.667	45
23	MP1B	Z	52.346	45
24	MP1B	Mx	.009	45
25	MP1C	X	50.21	21
26	MP1C	Z	28.989	21
27	MP1C	Mx	.025	21
28	MP1C	X	50.21	45
29	MP1C	Z	28.989	45
30	MP1C	Mx	.025	45
31	MP3A	X	132.942	3
32	MP3A	Z	76.754	3
33	MP3A	Mx	-.018	3
34	MP3A	X	132.942	63
35	MP3A	Z	76.754	63
36	MP3A	Mx	-.018	63
37	MP3B	X	177.171	3
38	MP3B	Z	102.29	3
39	MP3B	Mx	-.108	3
40	MP3B	X	177.171	63
41	MP3B	Z	102.29	63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
42	MP3B	Mx	-.108	63
43	MP3C	X	132.942	3
44	MP3C	Z	76.754	3
45	MP3C	Mx	.114	3
46	MP3C	X	132.942	63
47	MP3C	Z	76.754	63
48	MP3C	Mx	.114	63
49	MP3A	X	132.942	3
50	MP3A	Z	76.754	3
51	MP3A	Mx	-.114	3
52	MP3A	X	132.942	63
53	MP3A	Z	76.754	63
54	MP3A	Mx	-.114	63
55	MP3B	X	177.171	3
56	MP3B	Z	102.29	3
57	MP3B	Mx	.144	3
58	MP3B	X	177.171	63
59	MP3B	Z	102.29	63
60	MP3B	Mx	.144	63
61	MP3C	X	132.942	3
62	MP3C	Z	76.754	3
63	MP3C	Mx	.018	3
64	MP3C	X	132.942	63
65	MP3C	Z	76.754	63
66	MP3C	Mx	.018	63
67	MP4A	X	169.784	3
68	MP4A	Z	98.025	3
69	MP4A	Mx	-.085	3
70	MP4A	X	169.784	63
71	MP4A	Z	98.025	63
72	MP4A	Mx	-.085	63
73	MP4B	X	223.165	3
74	MP4B	Z	128.844	3
75	MP4B	Mx	.022	3
76	MP4B	X	223.165	63
77	MP4B	Z	128.844	63
78	MP4B	Mx	.022	63
79	MP4C	X	169.784	3
80	MP4C	Z	98.025	3
81	MP4C	Mx	.085	3
82	MP4C	X	169.784	63
83	MP4C	Z	98.025	63
84	MP4C	Mx	.085	63
85	MP2A	X	48.22	36
86	MP2A	Z	27.84	36
87	MP2A	Mx	.024	36
88	MP2B	X	73.496	36
89	MP2B	Z	42.433	36
90	MP2B	Mx	0	36
91	MP2C	X	48.22	36
92	MP2C	Z	27.84	36
93	MP2C	Mx	-.024	36
94	MP2A	X	19.956	36
95	MP2A	Z	11.522	36
96	MP2A	Mx	-.01	36
97	MP2B	X	37.731	36
98	MP2B	Z	21.784	36

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
99	MP2B	Mx	0	36
100	MP2C	X	19.956	36
101	MP2C	Z	11.522	36
102	MP2C	Mx	.01	36
103	RAY	X	72.42	9
104	RAY	Z	41.812	9
105	RAY	Mx	.021	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	38.916	36
2	MP3A	Z	67.404	36
3	MP3A	Mx	.019	36
4	MP3B	X	40.787	36
5	MP3B	Z	70.646	36
6	MP3B	Mx	.014	36
7	MP3C	X	28.364	36
8	MP3C	Z	49.128	36
9	MP3C	Mx	-.028	36
10	RAY	X	51.756	9
11	RAY	Z	89.645	9
12	RAY	Mx	.045	9
13	MP1A	X	45.213	21
14	MP1A	Z	78.311	21
15	MP1A	Mx	-.023	21
16	MP1A	X	45.213	45
17	MP1A	Z	78.311	45
18	MP1A	Mx	-.023	45
19	MP1B	X	49.529	21
20	MP1B	Z	85.787	21
21	MP1B	Mx	-.017	21
22	MP1B	X	49.529	45
23	MP1B	Z	85.787	45
24	MP1B	Mx	-.017	45
25	MP1C	X	20.877	21
26	MP1C	Z	36.159	21
27	MP1C	Mx	.021	21
28	MP1C	X	20.877	45
29	MP1C	Z	36.159	45
30	MP1C	Mx	.021	45
31	MP3A	X	94.491	3
32	MP3A	Z	163.663	3
33	MP3A	Mx	.055	3
34	MP3A	X	94.491	63
35	MP3A	Z	163.663	63
36	MP3A	Mx	.055	63
37	MP3B	X	99.21	3
38	MP3B	Z	171.837	3
39	MP3B	Mx	-.15	3
40	MP3B	X	99.21	63
41	MP3B	Z	171.837	63
42	MP3B	Mx	-.15	63
43	MP3C	X	67.885	3
44	MP3C	Z	117.581	3
45	MP3C	Mx	.068	3
46	MP3C	X	67.885	63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
47	MP3C	Z	117.581	63
48	MP3C	Mx	.068	63
49	MP3A	X	94.491	3
50	MP3A	Z	163.663	3
51	MP3A	Mx	-.15	3
52	MP3A	X	94.491	63
53	MP3A	Z	163.663	63
54	MP3A	Mx	-.15	63
55	MP3B	X	99.21	3
56	MP3B	Z	171.837	3
57	MP3B	Mx	.083	3
58	MP3B	X	99.21	63
59	MP3B	Z	171.837	63
60	MP3B	Mx	.083	63
61	MP3C	X	67.885	3
62	MP3C	Z	117.581	3
63	MP3C	Mx	.068	3
64	MP3C	X	67.885	63
65	MP3C	Z	117.581	63
66	MP3C	Mx	.068	63
67	MP4A	X	119.432	3
68	MP4A	Z	206.862	3
69	MP4A	Mx	-.06	3
70	MP4A	X	119.432	63
71	MP4A	Z	206.862	63
72	MP4A	Mx	-.06	63
73	MP4B	X	125.127	3
74	MP4B	Z	216.727	3
75	MP4B	Mx	-.043	3
76	MP4B	X	125.127	63
77	MP4B	Z	216.727	63
78	MP4B	Mx	-.043	63
79	MP4C	X	87.321	3
80	MP4C	Z	151.244	3
81	MP4C	Mx	.087	3
82	MP4C	X	87.321	63
83	MP4C	Z	151.244	63
84	MP4C	Mx	.087	63
85	MP2A	X	37.569	36
86	MP2A	Z	65.071	36
87	MP2A	Mx	.019	36
88	MP2B	X	37.569	36
89	MP2B	Z	65.071	36
90	MP2B	Mx	.019	36
91	MP2C	X	22.975	36
92	MP2C	Z	39.794	36
93	MP2C	Mx	-.023	36
94	MP2A	X	18.363	36
95	MP2A	Z	31.806	36
96	MP2A	Mx	-.009	36
97	MP2B	X	18.363	36
98	MP2B	Z	31.806	36
99	MP2B	Mx	-.009	36
100	MP2C	X	8.101	36
101	MP2C	Z	14.031	36
102	MP2C	Mx	.008	36
103	RAY	X	51.756	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
104	RAY	Z	89.645	9
105	RAY	Mx	.045	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	0	36
2	MP3A	Z	84.866	36
3	MP3A	Mx	0	36
4	MP3B	X	0	36
5	MP3B	Z	68.354	36
6	MP3B	Mx	.026	36
7	MP3C	X	0	36
8	MP3C	Z	63.763	36
9	MP3C	Mx	-.028	36
10	RAY	X	0	9
11	RAY	Z	113.457	9
12	RAY	Mx	.057	9
13	MP1A	X	0	21
14	MP1A	Z	106.65	21
15	MP1A	Mx	0	21
16	MP1A	X	0	45
17	MP1A	Z	106.65	45
18	MP1A	Mx	0	45
19	MP1B	X	0	21
20	MP1B	Z	68.567	21
21	MP1B	Mx	-.026	21
22	MP1B	X	0	45
23	MP1B	Z	68.567	45
24	MP1B	Mx	-.026	45
25	MP1C	X	0	21
26	MP1C	Z	57.977	21
27	MP1C	Mx	.025	21
28	MP1C	X	0	45
29	MP1C	Z	57.977	45
30	MP1C	Mx	.025	45
31	MP3A	X	0	3
32	MP3A	Z	206.719	3
33	MP3A	Mx	.129	3
34	MP3A	X	0	63
35	MP3A	Z	206.719	63
36	MP3A	Mx	.129	63
37	MP3B	X	0	3
38	MP3B	Z	165.085	3
39	MP3B	Mx	-.13	3
40	MP3B	X	0	63
41	MP3B	Z	165.085	63
42	MP3B	Mx	-.13	63
43	MP3C	X	0	3
44	MP3C	Z	153.508	3
45	MP3C	Mx	.018	3
46	MP3C	X	0	63
47	MP3C	Z	153.508	63
48	MP3C	Mx	.018	63
49	MP3A	X	0	3
50	MP3A	Z	206.719	3
51	MP3A	Mx	-.129	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
52	MP3A	X	0	63
53	MP3A	Z	206.719	63
54	MP3A	Mx	-.129	63
55	MP3B	X	0	3
56	MP3B	Z	165.085	3
57	MP3B	Mx	.003	3
58	MP3B	X	0	63
59	MP3B	Z	165.085	63
60	MP3B	Mx	.003	63
61	MP3C	X	0	3
62	MP3C	Z	153.508	3
63	MP3C	Mx	.114	3
64	MP3C	X	0	63
65	MP3C	Z	153.508	63
66	MP3C	Mx	.114	63
67	MP4A	X	0	3
68	MP4A	Z	260.271	3
69	MP4A	Mx	0	3
70	MP4A	X	0	63
71	MP4A	Z	260.271	63
72	MP4A	Mx	0	63
73	MP4B	X	0	3
74	MP4B	Z	210.022	3
75	MP4B	Mx	-.08	3
76	MP4B	X	0	63
77	MP4B	Z	210.022	63
78	MP4B	Mx	-.08	63
79	MP4C	X	0	3
80	MP4C	Z	196.049	3
81	MP4C	Mx	.085	3
82	MP4C	X	0	63
83	MP4C	Z	196.049	63
84	MP4C	Mx	.085	63
85	MP2A	X	0	36
86	MP2A	Z	84.866	36
87	MP2A	Mx	0	36
88	MP2B	X	0	36
89	MP2B	Z	55.679	36
90	MP2B	Mx	.024	36
91	MP2C	X	0	36
92	MP2C	Z	55.679	36
93	MP2C	Mx	-.024	36
94	MP2A	X	0	36
95	MP2A	Z	43.568	36
96	MP2A	Mx	0	36
97	MP2B	X	0	36
98	MP2B	Z	23.043	36
99	MP2B	Mx	-.01	36
100	MP2C	X	0	36
101	MP2C	Z	23.043	36
102	MP2C	Mx	.01	36
103	RAY	X	0	9
104	RAY	Z	113.457	9
105	RAY	Mx	.057	9

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-38.916	36
2	MP3A	Z	67.404	36
3	MP3A	Mx	-.019	36
4	MP3B	X	-28.789	36
5	MP3B	Z	49.863	36
6	MP3B	Mx	.028	36
7	MP3C	X	-38.916	36
8	MP3C	Z	67.404	36
9	MP3C	Mx	-.019	36
10	RAY	X	-51.756	9
11	RAY	Z	89.645	9
12	RAY	Mx	.045	9
13	MP1A	X	-45.213	21
14	MP1A	Z	78.311	21
15	MP1A	Mx	.023	21
16	MP1A	X	-45.213	45
17	MP1A	Z	78.311	45
18	MP1A	Mx	.023	45
19	MP1B	X	-21.855	21
20	MP1B	Z	37.854	21
21	MP1B	Mx	-.022	21
22	MP1B	X	-21.855	45
23	MP1B	Z	37.854	45
24	MP1B	Mx	-.022	45
25	MP1C	X	-45.213	21
26	MP1C	Z	78.311	21
27	MP1C	Mx	.023	21
28	MP1C	X	-45.213	45
29	MP1C	Z	78.311	45
30	MP1C	Mx	.023	45
31	MP3A	X	-94.491	3
32	MP3A	Z	163.663	3
33	MP3A	Mx	.15	3
34	MP3A	X	-94.491	63
35	MP3A	Z	163.663	63
36	MP3A	Mx	.15	63
37	MP3B	X	-68.955	3
38	MP3B	Z	119.433	3
39	MP3B	Mx	-.083	3
40	MP3B	X	-68.955	63
41	MP3B	Z	119.433	63
42	MP3B	Mx	-.083	63
43	MP3C	X	-94.491	3
44	MP3C	Z	163.663	3
45	MP3C	Mx	-.055	3
46	MP3C	X	-94.491	63
47	MP3C	Z	163.663	63
48	MP3C	Mx	-.055	63
49	MP3A	X	-94.491	3
50	MP3A	Z	163.663	3
51	MP3A	Mx	-.055	3
52	MP3A	X	-94.491	63
53	MP3A	Z	163.663	63
54	MP3A	Mx	-.055	63
55	MP3B	X	-68.955	3
56	MP3B	Z	119.433	3
57	MP3B	Mx	-.053	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
58	MP3B	X	-68.955	63
59	MP3B	Z	119.433	63
60	MP3B	Mx	-.053	63
61	MP3C	X	-94.491	3
62	MP3C	Z	163.663	3
63	MP3C	Mx	.15	3
64	MP3C	X	-94.491	63
65	MP3C	Z	163.663	63
66	MP3C	Mx	.15	63
67	MP4A	X	-119.432	3
68	MP4A	Z	206.862	3
69	MP4A	Mx	.06	3
70	MP4A	X	-119.432	63
71	MP4A	Z	206.862	63
72	MP4A	Mx	.06	63
73	MP4B	X	-88.612	3
74	MP4B	Z	153.481	3
75	MP4B	Mx	-.087	3
76	MP4B	X	-88.612	63
77	MP4B	Z	153.481	63
78	MP4B	Mx	-.087	63
79	MP4C	X	-119.432	3
80	MP4C	Z	206.862	3
81	MP4C	Mx	.06	3
82	MP4C	X	-119.432	63
83	MP4C	Z	206.862	63
84	MP4C	Mx	.06	63
85	MP2A	X	-37.569	36
86	MP2A	Z	65.071	36
87	MP2A	Mx	-.019	36
88	MP2B	X	-22.975	36
89	MP2B	Z	39.794	36
90	MP2B	Mx	.023	36
91	MP2C	X	-37.569	36
92	MP2C	Z	65.071	36
93	MP2C	Mx	-.019	36
94	MP2A	X	-18.363	36
95	MP2A	Z	31.806	36
96	MP2A	Mx	.009	36
97	MP2B	X	-8.101	36
98	MP2B	Z	14.031	36
99	MP2B	Mx	-.008	36
100	MP2C	X	-18.363	36
101	MP2C	Z	31.806	36
102	MP2C	Mx	.009	36
103	RAY	X	-51.756	9
104	RAY	Z	89.645	9
105	RAY	Mx	.045	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-55.22	36
2	MP3A	Z	31.881	36
3	MP3A	Mx	-.028	36
4	MP3B	X	-51.979	36
5	MP3B	Z	30.01	36

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
6	MP3B	Mx	.028	36
7	MP3C	X	-73.496	36
8	MP3C	Z	42.433	36
9	MP3C	Mx	0	36
10	RAY	X	-72.42	9
11	RAY	Z	41.812	9
12	RAY	Mx	.021	9
13	MP1A	X	-50.21	21
14	MP1A	Z	28.989	21
15	MP1A	Mx	.025	21
16	MP1A	X	-50.21	45
17	MP1A	Z	28.989	45
18	MP1A	Mx	.025	45
19	MP1B	X	-42.734	21
20	MP1B	Z	24.672	21
21	MP1B	Mx	-.023	21
22	MP1B	X	-42.734	45
23	MP1B	Z	24.672	45
24	MP1B	Mx	-.023	45
25	MP1C	X	-92.361	21
26	MP1C	Z	53.325	21
27	MP1C	Mx	0	21
28	MP1C	X	-92.361	45
29	MP1C	Z	53.325	45
30	MP1C	Mx	0	45
31	MP3A	X	-132.942	3
32	MP3A	Z	76.754	3
33	MP3A	Mx	.114	3
34	MP3A	X	-132.942	63
35	MP3A	Z	76.754	63
36	MP3A	Mx	.114	63
37	MP3B	X	-124.768	3
38	MP3B	Z	72.035	3
39	MP3B	Mx	-.037	3
40	MP3B	X	-124.768	63
41	MP3B	Z	72.035	63
42	MP3B	Mx	-.037	63
43	MP3C	X	-179.024	3
44	MP3C	Z	103.36	3
45	MP3C	Mx	-.129	3
46	MP3C	X	-179.024	63
47	MP3C	Z	103.36	63
48	MP3C	Mx	-.129	63
49	MP3A	X	-132.942	3
50	MP3A	Z	76.754	3
51	MP3A	Mx	.018	3
52	MP3A	X	-132.942	63
53	MP3A	Z	76.754	63
54	MP3A	Mx	.018	63
55	MP3B	X	-124.768	3
56	MP3B	Z	72.035	3
57	MP3B	Mx	-.098	3
58	MP3B	X	-124.768	63
59	MP3B	Z	72.035	63
60	MP3B	Mx	-.098	63
61	MP3C	X	-179.024	3
62	MP3C	Z	103.36	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
63	MP3C	Mx	.129	3
64	MP3C	X	-179.024	63
65	MP3C	Z	103.36	63
66	MP3C	Mx	.129	63
67	MP4A	X	-169.784	3
68	MP4A	Z	98.025	3
69	MP4A	Mx	.085	3
70	MP4A	X	-169.784	63
71	MP4A	Z	98.025	63
72	MP4A	Mx	.085	63
73	MP4B	X	-159.919	3
74	MP4B	Z	92.329	3
75	MP4B	Mx	-.087	3
76	MP4B	X	-159.919	63
77	MP4B	Z	92.329	63
78	MP4B	Mx	-.087	63
79	MP4C	X	-225.401	3
80	MP4C	Z	130.135	3
81	MP4C	Mx	0	3
82	MP4C	X	-225.401	63
83	MP4C	Z	130.135	63
84	MP4C	Mx	0	63
85	MP2A	X	-48.22	36
86	MP2A	Z	27.84	36
87	MP2A	Mx	-.024	36
88	MP2B	X	-48.22	36
89	MP2B	Z	27.84	36
90	MP2B	Mx	.024	36
91	MP2C	X	-73.496	36
92	MP2C	Z	42.433	36
93	MP2C	Mx	0	36
94	MP2A	X	-19.956	36
95	MP2A	Z	11.522	36
96	MP2A	Mx	.01	36
97	MP2B	X	-19.956	36
98	MP2B	Z	11.522	36
99	MP2B	Mx	-.01	36
100	MP2C	X	-37.731	36
101	MP2C	Z	21.784	36
102	MP2C	Mx	0	36
103	RAY	X	-72.42	9
104	RAY	Z	41.812	9
105	RAY	Mx	.021	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-56.729	36
2	MP3A	Z	0	36
3	MP3A	Mx	-.028	36
4	MP3B	X	-73.24	36
5	MP3B	Z	0	36
6	MP3B	Mx	.024	36
7	MP3C	X	-77.832	36
8	MP3C	Z	0	36
9	MP3C	Mx	.019	36
10	RAY	X	-73.679	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
11	RAY	Z	0	9
12	RAY	Mx	0	9
13	MP1A	X	-41.753	21
14	MP1A	Z	0	21
15	MP1A	Mx	.021	21
16	MP1A	X	-41.753	45
17	MP1A	Z	0	45
18	MP1A	Mx	.021	45
19	MP1B	X	-79.836	21
20	MP1B	Z	0	21
21	MP1B	Mx	-.026	21
22	MP1B	X	-79.836	45
23	MP1B	Z	0	45
24	MP1B	Mx	-.026	45
25	MP1C	X	-90.426	21
26	MP1C	Z	0	21
27	MP1C	Mx	-.023	21
28	MP1C	X	-90.426	45
29	MP1C	Z	0	45
30	MP1C	Mx	-.023	45
31	MP3A	X	-135.771	3
32	MP3A	Z	0	3
33	MP3A	Mx	.068	3
34	MP3A	X	-135.771	63
35	MP3A	Z	0	63
36	MP3A	Mx	.068	63
37	MP3B	X	-177.405	3
38	MP3B	Z	0	3
39	MP3B	Mx	.028	3
40	MP3B	X	-177.405	63
41	MP3B	Z	0	63
42	MP3B	Mx	.028	63
43	MP3C	X	-188.982	3
44	MP3C	Z	0	3
45	MP3C	Mx	-.15	3
46	MP3C	X	-188.982	63
47	MP3C	Z	0	63
48	MP3C	Mx	-.15	63
49	MP3A	X	-135.771	3
50	MP3A	Z	0	3
51	MP3A	Mx	.068	3
52	MP3A	X	-135.771	63
53	MP3A	Z	0	63
54	MP3A	Mx	.068	63
55	MP3B	X	-177.405	3
56	MP3B	Z	0	3
57	MP3B	Mx	-.142	3
58	MP3B	X	-177.405	63
59	MP3B	Z	0	63
60	MP3B	Mx	-.142	63
61	MP3C	X	-188.982	3
62	MP3C	Z	0	3
63	MP3C	Mx	.055	3
64	MP3C	X	-188.982	63
65	MP3C	Z	0	63
66	MP3C	Mx	.055	63
67	MP4A	X	-174.642	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
68	MP4A	Z	0	3
69	MP4A	Mx	.087	3
70	MP4A	X	-174.642	63
71	MP4A	Z	0	63
72	MP4A	Mx	.087	63
73	MP4B	X	-224.891	3
74	MP4B	Z	0	3
75	MP4B	Mx	-.072	3
76	MP4B	X	-224.891	63
77	MP4B	Z	0	63
78	MP4B	Mx	-.072	63
79	MP4C	X	-238.864	3
80	MP4C	Z	0	3
81	MP4C	Mx	-.06	3
82	MP4C	X	-238.864	63
83	MP4C	Z	0	63
84	MP4C	Mx	-.06	63
85	MP2A	X	-45.95	36
86	MP2A	Z	0	36
87	MP2A	Mx	-.023	36
88	MP2B	X	-75.137	36
89	MP2B	Z	0	36
90	MP2B	Mx	.019	36
91	MP2C	X	-75.137	36
92	MP2C	Z	0	36
93	MP2C	Mx	.019	36
94	MP2A	X	-16.202	36
95	MP2A	Z	0	36
96	MP2A	Mx	.008	36
97	MP2B	X	-36.726	36
98	MP2B	Z	0	36
99	MP2B	Mx	-.009	36
100	MP2C	X	-36.726	36
101	MP2C	Z	0	36
102	MP2C	Mx	-.009	36
103	RAY	X	-73.679	9
104	RAY	Z	0	9
105	RAY	Mx	0	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-55.22	36
2	MP3A	Z	-31.881	36
3	MP3A	Mx	-.028	36
4	MP3B	X	-72.761	36
5	MP3B	Z	-42.009	36
6	MP3B	Mx	.007	36
7	MP3C	X	-55.22	36
8	MP3C	Z	-31.881	36
9	MP3C	Mx	.028	36
10	RAY	X	-72.42	9
11	RAY	Z	-41.812	9
12	RAY	Mx	-.021	9
13	MP1A	X	-50.21	21
14	MP1A	Z	-28.989	21
15	MP1A	Mx	.025	21

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
16	MP1A	X	-50.21	45
17	MP1A	Z	-28.989	45
18	MP1A	Mx	.025	45
19	MP1B	X	-90.667	21
20	MP1B	Z	-52.346	21
21	MP1B	Mx	-.009	21
22	MP1B	X	-90.667	45
23	MP1B	Z	-52.346	45
24	MP1B	Mx	-.009	45
25	MP1C	X	-50.21	21
26	MP1C	Z	-28.989	21
27	MP1C	Mx	-.025	21
28	MP1C	X	-50.21	45
29	MP1C	Z	-28.989	45
30	MP1C	Mx	-.025	45
31	MP3A	X	-132.942	3
32	MP3A	Z	-76.754	3
33	MP3A	Mx	.018	3
34	MP3A	X	-132.942	63
35	MP3A	Z	-76.754	63
36	MP3A	Mx	.018	63
37	MP3B	X	-177.171	3
38	MP3B	Z	-102.29	3
39	MP3B	Mx	.108	3
40	MP3B	X	-177.171	63
41	MP3B	Z	-102.29	63
42	MP3B	Mx	.108	63
43	MP3C	X	-132.942	3
44	MP3C	Z	-76.754	3
45	MP3C	Mx	-.114	3
46	MP3C	X	-132.942	63
47	MP3C	Z	-76.754	63
48	MP3C	Mx	-.114	63
49	MP3A	X	-132.942	3
50	MP3A	Z	-76.754	3
51	MP3A	Mx	.114	3
52	MP3A	X	-132.942	63
53	MP3A	Z	-76.754	63
54	MP3A	Mx	.114	63
55	MP3B	X	-177.171	3
56	MP3B	Z	-102.29	3
57	MP3B	Mx	-.144	3
58	MP3B	X	-177.171	63
59	MP3B	Z	-102.29	63
60	MP3B	Mx	-.144	63
61	MP3C	X	-132.942	3
62	MP3C	Z	-76.754	3
63	MP3C	Mx	-.018	3
64	MP3C	X	-132.942	63
65	MP3C	Z	-76.754	63
66	MP3C	Mx	-.018	63
67	MP4A	X	-169.784	3
68	MP4A	Z	-98.025	3
69	MP4A	Mx	.085	3
70	MP4A	X	-169.784	63
71	MP4A	Z	-98.025	63
72	MP4A	Mx	.085	63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
73	MP4B	X	-223.165	3
74	MP4B	Z	-128.844	3
75	MP4B	Mx	-.022	3
76	MP4B	X	-223.165	63
77	MP4B	Z	-128.844	63
78	MP4B	Mx	-.022	63
79	MP4C	X	-169.784	3
80	MP4C	Z	-98.025	3
81	MP4C	Mx	-.085	3
82	MP4C	X	-169.784	63
83	MP4C	Z	-98.025	63
84	MP4C	Mx	-.085	63
85	MP2A	X	-48.22	36
86	MP2A	Z	-27.84	36
87	MP2A	Mx	-.024	36
88	MP2B	X	-73.496	36
89	MP2B	Z	-42.433	36
90	MP2B	Mx	0	36
91	MP2C	X	-48.22	36
92	MP2C	Z	-27.84	36
93	MP2C	Mx	.024	36
94	MP2A	X	-19.956	36
95	MP2A	Z	-11.522	36
96	MP2A	Mx	.01	36
97	MP2B	X	-37.731	36
98	MP2B	Z	-21.784	36
99	MP2B	Mx	0	36
100	MP2C	X	-19.956	36
101	MP2C	Z	-11.522	36
102	MP2C	Mx	-.01	36
103	RAY	X	-72.42	9
104	RAY	Z	-41.812	9
105	RAY	Mx	-.021	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-38.916	36
2	MP3A	Z	-67.404	36
3	MP3A	Mx	-.019	36
4	MP3B	X	-40.787	36
5	MP3B	Z	-70.646	36
6	MP3B	Mx	-.014	36
7	MP3C	X	-28.364	36
8	MP3C	Z	-49.128	36
9	MP3C	Mx	.028	36
10	RAY	X	-51.756	9
11	RAY	Z	-89.645	9
12	RAY	Mx	-.045	9
13	MP1A	X	-45.213	21
14	MP1A	Z	-78.311	21
15	MP1A	Mx	.023	21
16	MP1A	X	-45.213	45
17	MP1A	Z	-78.311	45
18	MP1A	Mx	.023	45
19	MP1B	X	-49.529	21
20	MP1B	Z	-85.787	21

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
21	MP1B	Mx	.017	21
22	MP1B	X	-49.529	45
23	MP1B	Z	-85.787	45
24	MP1B	Mx	.017	45
25	MP1C	X	-20.877	21
26	MP1C	Z	-36.159	21
27	MP1C	Mx	-.021	21
28	MP1C	X	-20.877	45
29	MP1C	Z	-36.159	45
30	MP1C	Mx	-.021	45
31	MP3A	X	-94.491	3
32	MP3A	Z	-163.663	3
33	MP3A	Mx	-.055	3
34	MP3A	X	-94.491	63
35	MP3A	Z	-163.663	63
36	MP3A	Mx	-.055	63
37	MP3B	X	-99.21	3
38	MP3B	Z	-171.837	3
39	MP3B	Mx	.15	3
40	MP3B	X	-99.21	63
41	MP3B	Z	-171.837	63
42	MP3B	Mx	.15	63
43	MP3C	X	-67.885	3
44	MP3C	Z	-117.581	3
45	MP3C	Mx	-.068	3
46	MP3C	X	-67.885	63
47	MP3C	Z	-117.581	63
48	MP3C	Mx	-.068	63
49	MP3A	X	-94.491	3
50	MP3A	Z	-163.663	3
51	MP3A	Mx	.15	3
52	MP3A	X	-94.491	63
53	MP3A	Z	-163.663	63
54	MP3A	Mx	.15	63
55	MP3B	X	-99.21	3
56	MP3B	Z	-171.837	3
57	MP3B	Mx	-.083	3
58	MP3B	X	-99.21	63
59	MP3B	Z	-171.837	63
60	MP3B	Mx	-.083	63
61	MP3C	X	-67.885	3
62	MP3C	Z	-117.581	3
63	MP3C	Mx	-.068	3
64	MP3C	X	-67.885	63
65	MP3C	Z	-117.581	63
66	MP3C	Mx	-.068	63
67	MP4A	X	-119.432	3
68	MP4A	Z	-206.862	3
69	MP4A	Mx	.06	3
70	MP4A	X	-119.432	63
71	MP4A	Z	-206.862	63
72	MP4A	Mx	.06	63
73	MP4B	X	-125.127	3
74	MP4B	Z	-216.727	3
75	MP4B	Mx	.043	3
76	MP4B	X	-125.127	63
77	MP4B	Z	-216.727	63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
78	MP4B	Mx	.043	63
79	MP4C	X	-87.321	3
80	MP4C	Z	-151.244	3
81	MP4C	Mx	-.087	3
82	MP4C	X	-87.321	63
83	MP4C	Z	-151.244	63
84	MP4C	Mx	-.087	63
85	MP2A	X	-37.569	36
86	MP2A	Z	-65.071	36
87	MP2A	Mx	-.019	36
88	MP2B	X	-37.569	36
89	MP2B	Z	-65.071	36
90	MP2B	Mx	-.019	36
91	MP2C	X	-22.975	36
92	MP2C	Z	-39.794	36
93	MP2C	Mx	.023	36
94	MP2A	X	-18.363	36
95	MP2A	Z	-31.806	36
96	MP2A	Mx	.009	36
97	MP2B	X	-18.363	36
98	MP2B	Z	-31.806	36
99	MP2B	Mx	.009	36
100	MP2C	X	-8.101	36
101	MP2C	Z	-14.031	36
102	MP2C	Mx	-.008	36
103	RAY	X	-51.756	9
104	RAY	Z	-89.645	9
105	RAY	Mx	-.045	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	0	36
2	MP3A	Z	-16.8	36
3	MP3A	Mx	0	36
4	MP3B	X	0	36
5	MP3B	Z	-13.801	36
6	MP3B	Mx	-.005	36
7	MP3C	X	0	36
8	MP3C	Z	-12.967	36
9	MP3C	Mx	.006	36
10	RAY	X	0	9
11	RAY	Z	-21.885	9
12	RAY	Mx	-.011	9
13	MP1A	X	0	21
14	MP1A	Z	-19.925	21
15	MP1A	Mx	0	21
16	MP1A	X	0	45
17	MP1A	Z	-19.925	45
18	MP1A	Mx	0	45
19	MP1B	X	0	21
20	MP1B	Z	-13.216	21
21	MP1B	Mx	.005	21
22	MP1B	X	0	45
23	MP1B	Z	-13.216	45
24	MP1B	Mx	.005	45
25	MP1C	X	0	21

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
26	MP1C	Z	-11.351	21
27	MP1C	Mx	-.005	21
28	MP1C	X	0	45
29	MP1C	Z	-11.351	45
30	MP1C	Mx	-.005	45
31	MP3A	X	0	3
32	MP3A	Z	-37.456	3
33	MP3A	Mx	-.023	3
34	MP3A	X	0	63
35	MP3A	Z	-37.456	63
36	MP3A	Mx	-.023	63
37	MP3B	X	0	3
38	MP3B	Z	-30.473	3
39	MP3B	Mx	.024	3
40	MP3B	X	0	63
41	MP3B	Z	-30.473	63
42	MP3B	Mx	.024	63
43	MP3C	X	0	3
44	MP3C	Z	-28.532	3
45	MP3C	Mx	-.003	3
46	MP3C	X	0	63
47	MP3C	Z	-28.532	63
48	MP3C	Mx	-.003	63
49	MP3A	X	0	3
50	MP3A	Z	-37.456	3
51	MP3A	Mx	.023	3
52	MP3A	X	0	63
53	MP3A	Z	-37.456	63
54	MP3A	Mx	.023	63
55	MP3B	X	0	3
56	MP3B	Z	-30.473	3
57	MP3B	Mx	-.00057	3
58	MP3B	X	0	63
59	MP3B	Z	-30.473	63
60	MP3B	Mx	-.00057	63
61	MP3C	X	0	3
62	MP3C	Z	-28.532	3
63	MP3C	Mx	-.021	3
64	MP3C	X	0	63
65	MP3C	Z	-28.532	63
66	MP3C	Mx	-.021	63
67	MP4A	X	0	3
68	MP4A	Z	-47.087	3
69	MP4A	Mx	0	3
70	MP4A	X	0	63
71	MP4A	Z	-47.087	63
72	MP4A	Mx	0	63
73	MP4B	X	0	3
74	MP4B	Z	-38.606	3
75	MP4B	Mx	.015	3
76	MP4B	X	0	63
77	MP4B	Z	-38.606	63
78	MP4B	Mx	.015	63
79	MP4C	X	0	3
80	MP4C	Z	-36.247	3
81	MP4C	Mx	-.016	3
82	MP4C	X	0	63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
83	MP4C	Z	-36.247	63
84	MP4C	Mx	-.016	63
85	MP2A	X	0	36
86	MP2A	Z	-16.8	36
87	MP2A	Mx	0	36
88	MP2B	X	0	36
89	MP2B	Z	-11.51	36
90	MP2B	Mx	-.005	36
91	MP2C	X	0	36
92	MP2C	Z	-11.51	36
93	MP2C	Mx	.005	36
94	MP2A	X	0	36
95	MP2A	Z	-9.386	36
96	MP2A	Mx	0	36
97	MP2B	X	0	36
98	MP2B	Z	-5.335	36
99	MP2B	Mx	.002	36
100	MP2C	X	0	36
101	MP2C	Z	-5.335	36
102	MP2C	Mx	-.002	36
103	RAY	X	0	9
104	RAY	Z	-21.885	9
105	RAY	Mx	-.011	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	7.761	36
2	MP3A	Z	-13.442	36
3	MP3A	Mx	.004	36
4	MP3B	X	5.922	36
5	MP3B	Z	-10.256	36
6	MP3B	Mx	-.006	36
7	MP3C	X	7.761	36
8	MP3C	Z	-13.442	36
9	MP3C	Mx	.004	36
10	RAY	X	10.064	9
11	RAY	Z	-17.431	9
12	RAY	Mx	-.009	9
13	MP1A	X	8.534	21
14	MP1A	Z	-14.78	21
15	MP1A	Mx	-.004	21
16	MP1A	X	8.534	45
17	MP1A	Z	-14.78	45
18	MP1A	Mx	-.004	45
19	MP1B	X	4.419	21
20	MP1B	Z	-7.653	21
21	MP1B	Mx	.004	21
22	MP1B	X	4.419	45
23	MP1B	Z	-7.653	45
24	MP1B	Mx	.004	45
25	MP1C	X	8.534	21
26	MP1C	Z	-14.78	21
27	MP1C	Mx	-.004	21
28	MP1C	X	8.534	45
29	MP1C	Z	-14.78	45
30	MP1C	Mx	-.004	45

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
31	MP3A	X	17.24	3
32	MP3A	Z	-29.861	3
33	MP3A	Mx	-.027	3
34	MP3A	X	17.24	63
35	MP3A	Z	-29.861	63
36	MP3A	Mx	-.027	63
37	MP3B	X	12.958	3
38	MP3B	Z	-22.444	3
39	MP3B	Mx	.016	3
40	MP3B	X	12.958	63
41	MP3B	Z	-22.444	63
42	MP3B	Mx	.016	63
43	MP3C	X	17.24	3
44	MP3C	Z	-29.861	3
45	MP3C	Mx	.01	3
46	MP3C	X	17.24	63
47	MP3C	Z	-29.861	63
48	MP3C	Mx	.01	63
49	MP3A	X	17.24	3
50	MP3A	Z	-29.861	3
51	MP3A	Mx	.01	3
52	MP3A	X	17.24	63
53	MP3A	Z	-29.861	63
54	MP3A	Mx	.01	63
55	MP3B	X	12.958	3
56	MP3B	Z	-22.444	3
57	MP3B	Mx	.01	3
58	MP3B	X	12.958	63
59	MP3B	Z	-22.444	63
60	MP3B	Mx	.01	63
61	MP3C	X	17.24	3
62	MP3C	Z	-29.861	3
63	MP3C	Mx	-.027	3
64	MP3C	X	17.24	63
65	MP3C	Z	-29.861	63
66	MP3C	Mx	-.027	63
67	MP4A	X	21.737	3
68	MP4A	Z	-37.65	3
69	MP4A	Mx	-.011	3
70	MP4A	X	21.737	63
71	MP4A	Z	-37.65	63
72	MP4A	Mx	-.011	63
73	MP4B	X	16.535	3
74	MP4B	Z	-28.639	3
75	MP4B	Mx	.016	3
76	MP4B	X	16.535	63
77	MP4B	Z	-28.639	63
78	MP4B	Mx	.016	63
79	MP4C	X	21.737	3
80	MP4C	Z	-37.65	3
81	MP4C	Mx	-.011	3
82	MP4C	X	21.737	63
83	MP4C	Z	-37.65	63
84	MP4C	Mx	-.011	63
85	MP2A	X	7.518	36
86	MP2A	Z	-13.022	36
87	MP2A	Mx	.004	36

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
88	MP2B	X	4.873	36
89	MP2B	Z	-8.441	36
90	MP2B	Mx	-.005	36
91	MP2C	X	7.518	36
92	MP2C	Z	-13.022	36
93	MP2C	Mx	.004	36
94	MP2A	X	4.018	36
95	MP2A	Z	-6.959	36
96	MP2A	Mx	-.002	36
97	MP2B	X	1.992	36
98	MP2B	Z	-3.45	36
99	MP2B	Mx	.002	36
100	MP2C	X	4.018	36
101	MP2C	Z	-6.959	36
102	MP2C	Mx	-.002	36
103	RAY	X	10.064	9
104	RAY	Z	-17.431	9
105	RAY	Mx	-.009	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	11.229	36
2	MP3A	Z	-6.483	36
3	MP3A	Mx	.006	36
4	MP3B	X	10.641	36
5	MP3B	Z	-6.143	36
6	MP3B	Mx	-.006	36
7	MP3C	X	14.549	36
8	MP3C	Z	-8.4	36
9	MP3C	Mx	0	36
10	RAY	X	14.386	9
11	RAY	Z	-8.306	9
12	RAY	Mx	-.004	9
13	MP1A	X	9.83	21
14	MP1A	Z	-5.675	21
15	MP1A	Mx	-.005	21
16	MP1A	X	9.83	45
17	MP1A	Z	-5.675	45
18	MP1A	Mx	-.005	45
19	MP1B	X	8.513	21
20	MP1B	Z	-4.915	21
21	MP1B	Mx	.005	21
22	MP1B	X	8.513	45
23	MP1B	Z	-4.915	45
24	MP1B	Mx	.005	45
25	MP1C	X	17.256	21
26	MP1C	Z	-9.963	21
27	MP1C	Mx	0	21
28	MP1C	X	17.256	45
29	MP1C	Z	-9.963	45
30	MP1C	Mx	0	45
31	MP3A	X	24.709	3
32	MP3A	Z	-14.266	3
33	MP3A	Mx	-.021	3
34	MP3A	X	24.709	63
35	MP3A	Z	-14.266	63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
36	MP3A	Mx	-.021	63
37	MP3B	X	23.338	3
38	MP3B	Z	-13.474	3
39	MP3B	Mx	.007	3
40	MP3B	X	23.338	63
41	MP3B	Z	-13.474	63
42	MP3B	Mx	.007	63
43	MP3C	X	32.438	3
44	MP3C	Z	-18.728	3
45	MP3C	Mx	.023	3
46	MP3C	X	32.438	63
47	MP3C	Z	-18.728	63
48	MP3C	Mx	.023	63
49	MP3A	X	24.709	3
50	MP3A	Z	-14.266	3
51	MP3A	Mx	-.003	3
52	MP3A	X	24.709	63
53	MP3A	Z	-14.266	63
54	MP3A	Mx	-.003	63
55	MP3B	X	23.338	3
56	MP3B	Z	-13.474	3
57	MP3B	Mx	.018	3
58	MP3B	X	23.338	63
59	MP3B	Z	-13.474	63
60	MP3B	Mx	.018	63
61	MP3C	X	32.438	3
62	MP3C	Z	-18.728	3
63	MP3C	Mx	-.023	3
64	MP3C	X	32.438	63
65	MP3C	Z	-18.728	63
66	MP3C	Mx	-.023	63
67	MP4A	X	31.391	3
68	MP4A	Z	-18.124	3
69	MP4A	Mx	-.016	3
70	MP4A	X	31.391	63
71	MP4A	Z	-18.124	63
72	MP4A	Mx	-.016	63
73	MP4B	X	29.726	3
74	MP4B	Z	-17.162	3
75	MP4B	Mx	.016	3
76	MP4B	X	29.726	63
77	MP4B	Z	-17.162	63
78	MP4B	Mx	.016	63
79	MP4C	X	40.779	3
80	MP4C	Z	-23.544	3
81	MP4C	Mx	0	3
82	MP4C	X	40.779	63
83	MP4C	Z	-23.544	63
84	MP4C	Mx	0	63
85	MP2A	X	9.968	36
86	MP2A	Z	-5.755	36
87	MP2A	Mx	.005	36
88	MP2B	X	9.968	36
89	MP2B	Z	-5.755	36
90	MP2B	Mx	-.005	36
91	MP2C	X	14.549	36
92	MP2C	Z	-8.4	36

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
93	MP2C	Mx	0	36
94	MP2A	X	4.62	36
95	MP2A	Z	-2.667	36
96	MP2A	Mx	-.002	36
97	MP2B	X	4.62	36
98	MP2B	Z	-2.667	36
99	MP2B	Mx	.002	36
100	MP2C	X	8.129	36
101	MP2C	Z	-4.693	36
102	MP2C	Mx	0	36
103	RAY	X	14.386	9
104	RAY	Z	-8.306	9
105	RAY	Mx	-.004	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	11.689	36
2	MP3A	Z	0	36
3	MP3A	Mx	.006	36
4	MP3B	X	14.688	36
5	MP3B	Z	0	36
6	MP3B	Mx	-.005	36
7	MP3C	X	15.522	36
8	MP3C	Z	0	36
9	MP3C	Mx	-.004	36
10	RAY	X	14.854	9
11	RAY	Z	0	9
12	RAY	Mx	0	9
13	MP1A	X	8.492	21
14	MP1A	Z	0	21
15	MP1A	Mx	-.004	21
16	MP1A	X	8.492	45
17	MP1A	Z	0	45
18	MP1A	Mx	-.004	45
19	MP1B	X	15.201	21
20	MP1B	Z	0	21
21	MP1B	Mx	.005	21
22	MP1B	X	15.201	45
23	MP1B	Z	0	45
24	MP1B	Mx	.005	45
25	MP1C	X	17.067	21
26	MP1C	Z	0	21
27	MP1C	Mx	.004	21
28	MP1C	X	17.067	45
29	MP1C	Z	0	45
30	MP1C	Mx	.004	45
31	MP3A	X	25.557	3
32	MP3A	Z	0	3
33	MP3A	Mx	-.013	3
34	MP3A	X	25.557	63
35	MP3A	Z	0	63
36	MP3A	Mx	-.013	63
37	MP3B	X	32.539	3
38	MP3B	Z	0	3
39	MP3B	Mx	-.005	3
40	MP3B	X	32.539	63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
41	MP3B	Z	0	63
42	MP3B	Mx	-.005	63
43	MP3C	X	34.481	3
44	MP3C	Z	0	3
45	MP3C	Mx	.027	3
46	MP3C	X	34.481	63
47	MP3C	Z	0	63
48	MP3C	Mx	.027	63
49	MP3A	X	25.557	3
50	MP3A	Z	0	3
51	MP3A	Mx	-.013	3
52	MP3A	X	25.557	63
53	MP3A	Z	0	63
54	MP3A	Mx	-.013	63
55	MP3B	X	32.539	3
56	MP3B	Z	0	3
57	MP3B	Mx	.026	3
58	MP3B	X	32.539	63
59	MP3B	Z	0	63
60	MP3B	Mx	.026	63
61	MP3C	X	34.481	3
62	MP3C	Z	0	3
63	MP3C	Mx	-.01	3
64	MP3C	X	34.481	63
65	MP3C	Z	0	63
66	MP3C	Mx	-.01	63
67	MP4A	X	32.634	3
68	MP4A	Z	0	3
69	MP4A	Mx	-.016	3
70	MP4A	X	32.634	63
71	MP4A	Z	0	63
72	MP4A	Mx	-.016	63
73	MP4B	X	41.116	3
74	MP4B	Z	0	3
75	MP4B	Mx	.013	3
76	MP4B	X	41.116	63
77	MP4B	Z	0	63
78	MP4B	Mx	.013	63
79	MP4C	X	43.474	3
80	MP4C	Z	0	3
81	MP4C	Mx	.011	3
82	MP4C	X	43.474	63
83	MP4C	Z	0	63
84	MP4C	Mx	.011	63
85	MP2A	X	9.747	36
86	MP2A	Z	0	36
87	MP2A	Mx	.005	36
88	MP2B	X	15.036	36
89	MP2B	Z	0	36
90	MP2B	Mx	-.004	36
91	MP2C	X	15.036	36
92	MP2C	Z	0	36
93	MP2C	Mx	-.004	36
94	MP2A	X	3.984	36
95	MP2A	Z	0	36
96	MP2A	Mx	-.002	36
97	MP2B	X	8.036	36

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
98	MP2B	Z	0	36
99	MP2B	Mx	.002	36
100	MP2C	X	8.036	36
101	MP2C	Z	0	36
102	MP2C	Mx	.002	36
103	RAY	X	14.854	9
104	RAY	Z	0	9
105	RAY	Mx	0	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	11.229	36
2	MP3A	Z	6.483	36
3	MP3A	Mx	.006	36
4	MP3B	X	14.415	36
5	MP3B	Z	8.323	36
6	MP3B	Mx	-.001	36
7	MP3C	X	11.229	36
8	MP3C	Z	6.483	36
9	MP3C	Mx	-.006	36
10	RAY	X	14.386	9
11	RAY	Z	8.306	9
12	RAY	Mx	.004	9
13	MP1A	X	9.83	21
14	MP1A	Z	5.675	21
15	MP1A	Mx	-.005	21
16	MP1A	X	9.83	45
17	MP1A	Z	5.675	45
18	MP1A	Mx	-.005	45
19	MP1B	X	16.957	21
20	MP1B	Z	9.79	21
21	MP1B	Mx	.002	21
22	MP1B	X	16.957	45
23	MP1B	Z	9.79	45
24	MP1B	Mx	.002	45
25	MP1C	X	9.83	21
26	MP1C	Z	5.675	21
27	MP1C	Mx	.005	21
28	MP1C	X	9.83	45
29	MP1C	Z	5.675	45
30	MP1C	Mx	.005	45
31	MP3A	X	24.709	3
32	MP3A	Z	14.266	3
33	MP3A	Mx	-.003	3
34	MP3A	X	24.709	63
35	MP3A	Z	14.266	63
36	MP3A	Mx	-.003	63
37	MP3B	X	32.127	3
38	MP3B	Z	18.548	3
39	MP3B	Mx	-.02	3
40	MP3B	X	32.127	63
41	MP3B	Z	18.548	63
42	MP3B	Mx	-.02	63
43	MP3C	X	24.709	3
44	MP3C	Z	14.266	3
45	MP3C	Mx	.021	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
46	MP3C	X	24.709	63
47	MP3C	Z	14.266	63
48	MP3C	Mx	.021	63
49	MP3A	X	24.709	3
50	MP3A	Z	14.266	3
51	MP3A	Mx	-.021	3
52	MP3A	X	24.709	63
53	MP3A	Z	14.266	63
54	MP3A	Mx	-.021	63
55	MP3B	X	32.127	3
56	MP3B	Z	18.548	3
57	MP3B	Mx	.026	3
58	MP3B	X	32.127	63
59	MP3B	Z	18.548	63
60	MP3B	Mx	.026	63
61	MP3C	X	24.709	3
62	MP3C	Z	14.266	3
63	MP3C	Mx	.003	3
64	MP3C	X	24.709	63
65	MP3C	Z	14.266	63
66	MP3C	Mx	.003	63
67	MP4A	X	31.391	3
68	MP4A	Z	18.124	3
69	MP4A	Mx	-.016	3
70	MP4A	X	31.391	63
71	MP4A	Z	18.124	63
72	MP4A	Mx	-.016	63
73	MP4B	X	40.401	3
74	MP4B	Z	23.326	3
75	MP4B	Mx	.004	3
76	MP4B	X	40.401	63
77	MP4B	Z	23.326	63
78	MP4B	Mx	.004	63
79	MP4C	X	31.391	3
80	MP4C	Z	18.124	3
81	MP4C	Mx	.016	3
82	MP4C	X	31.391	63
83	MP4C	Z	18.124	63
84	MP4C	Mx	.016	63
85	MP2A	X	9.968	36
86	MP2A	Z	5.755	36
87	MP2A	Mx	.005	36
88	MP2B	X	14.549	36
89	MP2B	Z	8.4	36
90	MP2B	Mx	0	36
91	MP2C	X	9.968	36
92	MP2C	Z	5.755	36
93	MP2C	Mx	-.005	36
94	MP2A	X	4.62	36
95	MP2A	Z	2.667	36
96	MP2A	Mx	-.002	36
97	MP2B	X	8.129	36
98	MP2B	Z	4.693	36
99	MP2B	Mx	0	36
100	MP2C	X	4.62	36
101	MP2C	Z	2.667	36
102	MP2C	Mx	.002	36

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
103	RAY	X	14.386	9
104	RAY	Z	8.306	9
105	RAY	Mx	.004	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	7.761	36
2	MP3A	Z	13.442	36
3	MP3A	Mx	.004	36
4	MP3B	X	8.101	36
5	MP3B	Z	14.031	36
6	MP3B	Mx	.003	36
7	MP3C	X	5.844	36
8	MP3C	Z	10.123	36
9	MP3C	Mx	-.006	36
10	RAY	X	10.064	9
11	RAY	Z	17.431	9
12	RAY	Mx	.009	9
13	MP1A	X	8.534	21
14	MP1A	Z	14.78	21
15	MP1A	Mx	-.004	21
16	MP1A	X	8.534	45
17	MP1A	Z	14.78	45
18	MP1A	Mx	-.004	45
19	MP1B	X	9.294	21
20	MP1B	Z	16.098	21
21	MP1B	Mx	-.003	21
22	MP1B	X	9.294	45
23	MP1B	Z	16.098	45
24	MP1B	Mx	-.003	45
25	MP1C	X	4.246	21
26	MP1C	Z	7.355	21
27	MP1C	Mx	.004	21
28	MP1C	X	4.246	45
29	MP1C	Z	7.355	45
30	MP1C	Mx	.004	45
31	MP3A	X	17.24	3
32	MP3A	Z	29.861	3
33	MP3A	Mx	.01	3
34	MP3A	X	17.24	63
35	MP3A	Z	29.861	63
36	MP3A	Mx	.01	63
37	MP3B	X	18.032	3
38	MP3B	Z	31.232	3
39	MP3B	Mx	-.027	3
40	MP3B	X	18.032	63
41	MP3B	Z	31.232	63
42	MP3B	Mx	-.027	63
43	MP3C	X	12.778	3
44	MP3C	Z	22.133	3
45	MP3C	Mx	.013	3
46	MP3C	X	12.778	63
47	MP3C	Z	22.133	63
48	MP3C	Mx	.013	63
49	MP3A	X	17.24	3
50	MP3A	Z	29.861	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
51	MP3A	Mx	-.027	3
52	MP3A	X	17.24	63
53	MP3A	Z	29.861	63
54	MP3A	Mx	-.027	63
55	MP3B	X	18.032	3
56	MP3B	Z	31.232	3
57	MP3B	Mx	.015	3
58	MP3B	X	18.032	63
59	MP3B	Z	31.232	63
60	MP3B	Mx	.015	63
61	MP3C	X	12.778	3
62	MP3C	Z	22.133	3
63	MP3C	Mx	.013	3
64	MP3C	X	12.778	63
65	MP3C	Z	22.133	63
66	MP3C	Mx	.013	63
67	MP4A	X	21.737	3
68	MP4A	Z	37.65	3
69	MP4A	Mx	-.011	3
70	MP4A	X	21.737	63
71	MP4A	Z	37.65	63
72	MP4A	Mx	-.011	63
73	MP4B	X	22.698	3
74	MP4B	Z	39.315	3
75	MP4B	Mx	-.008	3
76	MP4B	X	22.698	63
77	MP4B	Z	39.315	63
78	MP4B	Mx	-.008	63
79	MP4C	X	16.317	3
80	MP4C	Z	28.262	3
81	MP4C	Mx	.016	3
82	MP4C	X	16.317	63
83	MP4C	Z	28.262	63
84	MP4C	Mx	.016	63
85	MP2A	X	7.518	36
86	MP2A	Z	13.022	36
87	MP2A	Mx	.004	36
88	MP2B	X	7.518	36
89	MP2B	Z	13.022	36
90	MP2B	Mx	.004	36
91	MP2C	X	4.873	36
92	MP2C	Z	8.441	36
93	MP2C	Mx	-.005	36
94	MP2A	X	4.018	36
95	MP2A	Z	6.959	36
96	MP2A	Mx	-.002	36
97	MP2B	X	4.018	36
98	MP2B	Z	6.959	36
99	MP2B	Mx	-.002	36
100	MP2C	X	1.992	36
101	MP2C	Z	3.45	36
102	MP2C	Mx	.002	36
103	RAY	X	10.064	9
104	RAY	Z	17.431	9
105	RAY	Mx	.009	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	0	36
2	MP3A	Z	16.8	36
3	MP3A	Mx	0	36
4	MP3B	X	0	36
5	MP3B	Z	13.801	36
6	MP3B	Mx	.005	36
7	MP3C	X	0	36
8	MP3C	Z	12.967	36
9	MP3C	Mx	-.006	36
10	RAY	X	0	9
11	RAY	Z	21.885	9
12	RAY	Mx	.011	9
13	MP1A	X	0	21
14	MP1A	Z	19.925	21
15	MP1A	Mx	0	21
16	MP1A	X	0	45
17	MP1A	Z	19.925	45
18	MP1A	Mx	0	45
19	MP1B	X	0	21
20	MP1B	Z	13.216	21
21	MP1B	Mx	-.005	21
22	MP1B	X	0	45
23	MP1B	Z	13.216	45
24	MP1B	Mx	-.005	45
25	MP1C	X	0	21
26	MP1C	Z	11.351	21
27	MP1C	Mx	.005	21
28	MP1C	X	0	45
29	MP1C	Z	11.351	45
30	MP1C	Mx	.005	45
31	MP3A	X	0	3
32	MP3A	Z	37.456	3
33	MP3A	Mx	.023	3
34	MP3A	X	0	63
35	MP3A	Z	37.456	63
36	MP3A	Mx	.023	63
37	MP3B	X	0	3
38	MP3B	Z	30.473	3
39	MP3B	Mx	-.024	3
40	MP3B	X	0	63
41	MP3B	Z	30.473	63
42	MP3B	Mx	-.024	63
43	MP3C	X	0	3
44	MP3C	Z	28.532	3
45	MP3C	Mx	.003	3
46	MP3C	X	0	63
47	MP3C	Z	28.532	63
48	MP3C	Mx	.003	63
49	MP3A	X	0	3
50	MP3A	Z	37.456	3
51	MP3A	Mx	-.023	3
52	MP3A	X	0	63
53	MP3A	Z	37.456	63
54	MP3A	Mx	-.023	63
55	MP3B	X	0	3
56	MP3B	Z	30.473	3
57	MP3B	Mx	.00057	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
58	MP3B	X	0	63
59	MP3B	Z	30.473	63
60	MP3B	Mx	.00057	63
61	MP3C	X	0	3
62	MP3C	Z	28.532	3
63	MP3C	Mx	.021	3
64	MP3C	X	0	63
65	MP3C	Z	28.532	63
66	MP3C	Mx	.021	63
67	MP4A	X	0	3
68	MP4A	Z	47.087	3
69	MP4A	Mx	0	3
70	MP4A	X	0	63
71	MP4A	Z	47.087	63
72	MP4A	Mx	0	63
73	MP4B	X	0	3
74	MP4B	Z	38.606	3
75	MP4B	Mx	-.015	3
76	MP4B	X	0	63
77	MP4B	Z	38.606	63
78	MP4B	Mx	-.015	63
79	MP4C	X	0	3
80	MP4C	Z	36.247	3
81	MP4C	Mx	.016	3
82	MP4C	X	0	63
83	MP4C	Z	36.247	63
84	MP4C	Mx	.016	63
85	MP2A	X	0	36
86	MP2A	Z	16.8	36
87	MP2A	Mx	0	36
88	MP2B	X	0	36
89	MP2B	Z	11.51	36
90	MP2B	Mx	.005	36
91	MP2C	X	0	36
92	MP2C	Z	11.51	36
93	MP2C	Mx	-.005	36
94	MP2A	X	0	36
95	MP2A	Z	9.386	36
96	MP2A	Mx	0	36
97	MP2B	X	0	36
98	MP2B	Z	5.335	36
99	MP2B	Mx	-.002	36
100	MP2C	X	0	36
101	MP2C	Z	5.335	36
102	MP2C	Mx	.002	36
103	RAY	X	0	9
104	RAY	Z	21.885	9
105	RAY	Mx	.011	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-7.761	36
2	MP3A	Z	13.442	36
3	MP3A	Mx	-.004	36
4	MP3B	X	-5.922	36
5	MP3B	Z	10.256	36

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
6	MP3B	Mx	.006	36
7	MP3C	X	-7.761	36
8	MP3C	Z	13.442	36
9	MP3C	Mx	-.004	36
10	RAY	X	-10.064	9
11	RAY	Z	17.431	9
12	RAY	Mx	.009	9
13	MP1A	X	-8.534	21
14	MP1A	Z	14.78	21
15	MP1A	Mx	.004	21
16	MP1A	X	-8.534	45
17	MP1A	Z	14.78	45
18	MP1A	Mx	.004	45
19	MP1B	X	-4.419	21
20	MP1B	Z	7.653	21
21	MP1B	Mx	-.004	21
22	MP1B	X	-4.419	45
23	MP1B	Z	7.653	45
24	MP1B	Mx	-.004	45
25	MP1C	X	-8.534	21
26	MP1C	Z	14.78	21
27	MP1C	Mx	.004	21
28	MP1C	X	-8.534	45
29	MP1C	Z	14.78	45
30	MP1C	Mx	.004	45
31	MP3A	X	-17.24	3
32	MP3A	Z	29.861	3
33	MP3A	Mx	.027	3
34	MP3A	X	-17.24	63
35	MP3A	Z	29.861	63
36	MP3A	Mx	.027	63
37	MP3B	X	-12.958	3
38	MP3B	Z	22.444	3
39	MP3B	Mx	-.016	3
40	MP3B	X	-12.958	63
41	MP3B	Z	22.444	63
42	MP3B	Mx	-.016	63
43	MP3C	X	-17.24	3
44	MP3C	Z	29.861	3
45	MP3C	Mx	-.01	3
46	MP3C	X	-17.24	63
47	MP3C	Z	29.861	63
48	MP3C	Mx	-.01	63
49	MP3A	X	-17.24	3
50	MP3A	Z	29.861	3
51	MP3A	Mx	-.01	3
52	MP3A	X	-17.24	63
53	MP3A	Z	29.861	63
54	MP3A	Mx	-.01	63
55	MP3B	X	-12.958	3
56	MP3B	Z	22.444	3
57	MP3B	Mx	-.01	3
58	MP3B	X	-12.958	63
59	MP3B	Z	22.444	63
60	MP3B	Mx	-.01	63
61	MP3C	X	-17.24	3
62	MP3C	Z	29.861	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
63	MP3C	Mx	.027	3
64	MP3C	X	-17.24	63
65	MP3C	Z	29.861	63
66	MP3C	Mx	.027	63
67	MP4A	X	-21.737	3
68	MP4A	Z	37.65	3
69	MP4A	Mx	.011	3
70	MP4A	X	-21.737	63
71	MP4A	Z	37.65	63
72	MP4A	Mx	.011	63
73	MP4B	X	-16.535	3
74	MP4B	Z	28.639	3
75	MP4B	Mx	-.016	3
76	MP4B	X	-16.535	63
77	MP4B	Z	28.639	63
78	MP4B	Mx	-.016	63
79	MP4C	X	-21.737	3
80	MP4C	Z	37.65	3
81	MP4C	Mx	.011	3
82	MP4C	X	-21.737	63
83	MP4C	Z	37.65	63
84	MP4C	Mx	.011	63
85	MP2A	X	-7.518	36
86	MP2A	Z	13.022	36
87	MP2A	Mx	-.004	36
88	MP2B	X	-4.873	36
89	MP2B	Z	8.441	36
90	MP2B	Mx	.005	36
91	MP2C	X	-7.518	36
92	MP2C	Z	13.022	36
93	MP2C	Mx	-.004	36
94	MP2A	X	-4.018	36
95	MP2A	Z	6.959	36
96	MP2A	Mx	.002	36
97	MP2B	X	-1.992	36
98	MP2B	Z	3.45	36
99	MP2B	Mx	-.002	36
100	MP2C	X	-4.018	36
101	MP2C	Z	6.959	36
102	MP2C	Mx	.002	36
103	RAY	X	-10.064	9
104	RAY	Z	17.431	9
105	RAY	Mx	.009	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-11.229	36
2	MP3A	Z	6.483	36
3	MP3A	Mx	-.006	36
4	MP3B	X	-10.641	36
5	MP3B	Z	6.143	36
6	MP3B	Mx	.006	36
7	MP3C	X	-14.549	36
8	MP3C	Z	8.4	36
9	MP3C	Mx	0	36
10	RAY	X	-14.386	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
11	RAY	Z	8.306	9
12	RAY	Mx	.004	9
13	MP1A	X	-9.83	21
14	MP1A	Z	5.675	21
15	MP1A	Mx	.005	21
16	MP1A	X	-9.83	45
17	MP1A	Z	5.675	45
18	MP1A	Mx	.005	45
19	MP1B	X	-8.513	21
20	MP1B	Z	4.915	21
21	MP1B	Mx	-.005	21
22	MP1B	X	-8.513	45
23	MP1B	Z	4.915	45
24	MP1B	Mx	-.005	45
25	MP1C	X	-17.256	21
26	MP1C	Z	9.963	21
27	MP1C	Mx	0	21
28	MP1C	X	-17.256	45
29	MP1C	Z	9.963	45
30	MP1C	Mx	0	45
31	MP3A	X	-24.709	3
32	MP3A	Z	14.266	3
33	MP3A	Mx	.021	3
34	MP3A	X	-24.709	63
35	MP3A	Z	14.266	63
36	MP3A	Mx	.021	63
37	MP3B	X	-23.338	3
38	MP3B	Z	13.474	3
39	MP3B	Mx	-.007	3
40	MP3B	X	-23.338	63
41	MP3B	Z	13.474	63
42	MP3B	Mx	-.007	63
43	MP3C	X	-32.438	3
44	MP3C	Z	18.728	3
45	MP3C	Mx	-.023	3
46	MP3C	X	-32.438	63
47	MP3C	Z	18.728	63
48	MP3C	Mx	-.023	63
49	MP3A	X	-24.709	3
50	MP3A	Z	14.266	3
51	MP3A	Mx	.003	3
52	MP3A	X	-24.709	63
53	MP3A	Z	14.266	63
54	MP3A	Mx	.003	63
55	MP3B	X	-23.338	3
56	MP3B	Z	13.474	3
57	MP3B	Mx	-.018	3
58	MP3B	X	-23.338	63
59	MP3B	Z	13.474	63
60	MP3B	Mx	-.018	63
61	MP3C	X	-32.438	3
62	MP3C	Z	18.728	3
63	MP3C	Mx	.023	3
64	MP3C	X	-32.438	63
65	MP3C	Z	18.728	63
66	MP3C	Mx	.023	63
67	MP4A	X	-31.391	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
68	MP4A	Z	18.124	3
69	MP4A	Mx	.016	3
70	MP4A	X	-31.391	63
71	MP4A	Z	18.124	63
72	MP4A	Mx	.016	63
73	MP4B	X	-29.726	3
74	MP4B	Z	17.162	3
75	MP4B	Mx	-.016	3
76	MP4B	X	-29.726	63
77	MP4B	Z	17.162	63
78	MP4B	Mx	-.016	63
79	MP4C	X	-40.779	3
80	MP4C	Z	23.544	3
81	MP4C	Mx	0	3
82	MP4C	X	-40.779	63
83	MP4C	Z	23.544	63
84	MP4C	Mx	0	63
85	MP2A	X	-9.968	36
86	MP2A	Z	5.755	36
87	MP2A	Mx	-.005	36
88	MP2B	X	-9.968	36
89	MP2B	Z	5.755	36
90	MP2B	Mx	.005	36
91	MP2C	X	-14.549	36
92	MP2C	Z	8.4	36
93	MP2C	Mx	0	36
94	MP2A	X	-4.62	36
95	MP2A	Z	2.667	36
96	MP2A	Mx	.002	36
97	MP2B	X	-4.62	36
98	MP2B	Z	2.667	36
99	MP2B	Mx	-.002	36
100	MP2C	X	-8.129	36
101	MP2C	Z	4.693	36
102	MP2C	Mx	0	36
103	RAY	X	-14.386	9
104	RAY	Z	8.306	9
105	RAY	Mx	.004	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-11.689	36
2	MP3A	Z	0	36
3	MP3A	Mx	-.006	36
4	MP3B	X	-14.688	36
5	MP3B	Z	0	36
6	MP3B	Mx	.005	36
7	MP3C	X	-15.522	36
8	MP3C	Z	0	36
9	MP3C	Mx	.004	36
10	RAY	X	-14.854	9
11	RAY	Z	0	9
12	RAY	Mx	0	9
13	MP1A	X	-8.492	21
14	MP1A	Z	0	21
15	MP1A	Mx	.004	21

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
16	MP1A	X	-8.492	45
17	MP1A	Z	0	45
18	MP1A	Mx	.004	45
19	MP1B	X	-15.201	21
20	MP1B	Z	0	21
21	MP1B	Mx	-.005	21
22	MP1B	X	-15.201	45
23	MP1B	Z	0	45
24	MP1B	Mx	-.005	45
25	MP1C	X	-17.067	21
26	MP1C	Z	0	21
27	MP1C	Mx	-.004	21
28	MP1C	X	-17.067	45
29	MP1C	Z	0	45
30	MP1C	Mx	-.004	45
31	MP3A	X	-25.557	3
32	MP3A	Z	0	3
33	MP3A	Mx	.013	3
34	MP3A	X	-25.557	63
35	MP3A	Z	0	63
36	MP3A	Mx	.013	63
37	MP3B	X	-32.539	3
38	MP3B	Z	0	3
39	MP3B	Mx	.005	3
40	MP3B	X	-32.539	63
41	MP3B	Z	0	63
42	MP3B	Mx	.005	63
43	MP3C	X	-34.481	3
44	MP3C	Z	0	3
45	MP3C	Mx	-.027	3
46	MP3C	X	-34.481	63
47	MP3C	Z	0	63
48	MP3C	Mx	-.027	63
49	MP3A	X	-25.557	3
50	MP3A	Z	0	3
51	MP3A	Mx	.013	3
52	MP3A	X	-25.557	63
53	MP3A	Z	0	63
54	MP3A	Mx	.013	63
55	MP3B	X	-32.539	3
56	MP3B	Z	0	3
57	MP3B	Mx	-.026	3
58	MP3B	X	-32.539	63
59	MP3B	Z	0	63
60	MP3B	Mx	-.026	63
61	MP3C	X	-34.481	3
62	MP3C	Z	0	3
63	MP3C	Mx	.01	3
64	MP3C	X	-34.481	63
65	MP3C	Z	0	63
66	MP3C	Mx	.01	63
67	MP4A	X	-32.634	3
68	MP4A	Z	0	3
69	MP4A	Mx	.016	3
70	MP4A	X	-32.634	63
71	MP4A	Z	0	63
72	MP4A	Mx	.016	63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
73	MP4B	X	-41.116	3
74	MP4B	Z	0	3
75	MP4B	Mx	-.013	3
76	MP4B	X	-41.116	63
77	MP4B	Z	0	63
78	MP4B	Mx	-.013	63
79	MP4C	X	-43.474	3
80	MP4C	Z	0	3
81	MP4C	Mx	-.011	3
82	MP4C	X	-43.474	63
83	MP4C	Z	0	63
84	MP4C	Mx	-.011	63
85	MP2A	X	-9.747	36
86	MP2A	Z	0	36
87	MP2A	Mx	-.005	36
88	MP2B	X	-15.036	36
89	MP2B	Z	0	36
90	MP2B	Mx	.004	36
91	MP2C	X	-15.036	36
92	MP2C	Z	0	36
93	MP2C	Mx	.004	36
94	MP2A	X	-3.984	36
95	MP2A	Z	0	36
96	MP2A	Mx	.002	36
97	MP2B	X	-8.036	36
98	MP2B	Z	0	36
99	MP2B	Mx	-.002	36
100	MP2C	X	-8.036	36
101	MP2C	Z	0	36
102	MP2C	Mx	-.002	36
103	RAY	X	-14.854	9
104	RAY	Z	0	9
105	RAY	Mx	0	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-11.229	36
2	MP3A	Z	-6.483	36
3	MP3A	Mx	-.006	36
4	MP3B	X	-14.415	36
5	MP3B	Z	-8.323	36
6	MP3B	Mx	.001	36
7	MP3C	X	-11.229	36
8	MP3C	Z	-6.483	36
9	MP3C	Mx	.006	36
10	RAY	X	-14.386	9
11	RAY	Z	-8.306	9
12	RAY	Mx	-.004	9
13	MP1A	X	-9.83	21
14	MP1A	Z	-5.675	21
15	MP1A	Mx	.005	21
16	MP1A	X	-9.83	45
17	MP1A	Z	-5.675	45
18	MP1A	Mx	.005	45
19	MP1B	X	-16.957	21
20	MP1B	Z	-9.79	21

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
21	MP1B	Mx	-.002	21
22	MP1B	X	-16.957	45
23	MP1B	Z	-9.79	45
24	MP1B	Mx	-.002	45
25	MP1C	X	-9.83	21
26	MP1C	Z	-5.675	21
27	MP1C	Mx	-.005	21
28	MP1C	X	-9.83	45
29	MP1C	Z	-5.675	45
30	MP1C	Mx	-.005	45
31	MP3A	X	-24.709	3
32	MP3A	Z	-14.266	3
33	MP3A	Mx	.003	3
34	MP3A	X	-24.709	63
35	MP3A	Z	-14.266	63
36	MP3A	Mx	.003	63
37	MP3B	X	-32.127	3
38	MP3B	Z	-18.548	3
39	MP3B	Mx	.02	3
40	MP3B	X	-32.127	63
41	MP3B	Z	-18.548	63
42	MP3B	Mx	.02	63
43	MP3C	X	-24.709	3
44	MP3C	Z	-14.266	3
45	MP3C	Mx	-.021	3
46	MP3C	X	-24.709	63
47	MP3C	Z	-14.266	63
48	MP3C	Mx	-.021	63
49	MP3A	X	-24.709	3
50	MP3A	Z	-14.266	3
51	MP3A	Mx	.021	3
52	MP3A	X	-24.709	63
53	MP3A	Z	-14.266	63
54	MP3A	Mx	.021	63
55	MP3B	X	-32.127	3
56	MP3B	Z	-18.548	3
57	MP3B	Mx	-.026	3
58	MP3B	X	-32.127	63
59	MP3B	Z	-18.548	63
60	MP3B	Mx	-.026	63
61	MP3C	X	-24.709	3
62	MP3C	Z	-14.266	3
63	MP3C	Mx	-.003	3
64	MP3C	X	-24.709	63
65	MP3C	Z	-14.266	63
66	MP3C	Mx	-.003	63
67	MP4A	X	-31.391	3
68	MP4A	Z	-18.124	3
69	MP4A	Mx	.016	3
70	MP4A	X	-31.391	63
71	MP4A	Z	-18.124	63
72	MP4A	Mx	.016	63
73	MP4B	X	-40.401	3
74	MP4B	Z	-23.326	3
75	MP4B	Mx	-.004	3
76	MP4B	X	-40.401	63
77	MP4B	Z	-23.326	63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
78	MP4B	Mx	-.004	63
79	MP4C	X	-31.391	3
80	MP4C	Z	-18.124	3
81	MP4C	Mx	-.016	3
82	MP4C	X	-31.391	63
83	MP4C	Z	-18.124	63
84	MP4C	Mx	-.016	63
85	MP2A	X	-9.968	36
86	MP2A	Z	-5.755	36
87	MP2A	Mx	-.005	36
88	MP2B	X	-14.549	36
89	MP2B	Z	-8.4	36
90	MP2B	Mx	0	36
91	MP2C	X	-9.968	36
92	MP2C	Z	-5.755	36
93	MP2C	Mx	.005	36
94	MP2A	X	-4.62	36
95	MP2A	Z	-2.667	36
96	MP2A	Mx	.002	36
97	MP2B	X	-8.129	36
98	MP2B	Z	-4.693	36
99	MP2B	Mx	0	36
100	MP2C	X	-4.62	36
101	MP2C	Z	-2.667	36
102	MP2C	Mx	-.002	36
103	RAY	X	-14.386	9
104	RAY	Z	-8.306	9
105	RAY	Mx	-.004	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-7.761	36
2	MP3A	Z	-13.442	36
3	MP3A	Mx	-.004	36
4	MP3B	X	-8.101	36
5	MP3B	Z	-14.031	36
6	MP3B	Mx	-.003	36
7	MP3C	X	-5.844	36
8	MP3C	Z	-10.123	36
9	MP3C	Mx	.006	36
10	RAY	X	-10.064	9
11	RAY	Z	-17.431	9
12	RAY	Mx	-.009	9
13	MP1A	X	-8.534	21
14	MP1A	Z	-14.78	21
15	MP1A	Mx	.004	21
16	MP1A	X	-8.534	45
17	MP1A	Z	-14.78	45
18	MP1A	Mx	.004	45
19	MP1B	X	-9.294	21
20	MP1B	Z	-16.098	21
21	MP1B	Mx	.003	21
22	MP1B	X	-9.294	45
23	MP1B	Z	-16.098	45
24	MP1B	Mx	.003	45
25	MP1C	X	-4.246	21

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
26	MP1C	Z	-7.355	21
27	MP1C	Mx	-.004	21
28	MP1C	X	-4.246	45
29	MP1C	Z	-7.355	45
30	MP1C	Mx	-.004	45
31	MP3A	X	-17.24	3
32	MP3A	Z	-29.861	3
33	MP3A	Mx	-.01	3
34	MP3A	X	-17.24	63
35	MP3A	Z	-29.861	63
36	MP3A	Mx	-.01	63
37	MP3B	X	-18.032	3
38	MP3B	Z	-31.232	3
39	MP3B	Mx	.027	3
40	MP3B	X	-18.032	63
41	MP3B	Z	-31.232	63
42	MP3B	Mx	.027	63
43	MP3C	X	-12.778	3
44	MP3C	Z	-22.133	3
45	MP3C	Mx	-.013	3
46	MP3C	X	-12.778	63
47	MP3C	Z	-22.133	63
48	MP3C	Mx	-.013	63
49	MP3A	X	-17.24	3
50	MP3A	Z	-29.861	3
51	MP3A	Mx	.027	3
52	MP3A	X	-17.24	63
53	MP3A	Z	-29.861	63
54	MP3A	Mx	.027	63
55	MP3B	X	-18.032	3
56	MP3B	Z	-31.232	3
57	MP3B	Mx	-.015	3
58	MP3B	X	-18.032	63
59	MP3B	Z	-31.232	63
60	MP3B	Mx	-.015	63
61	MP3C	X	-12.778	3
62	MP3C	Z	-22.133	3
63	MP3C	Mx	-.013	3
64	MP3C	X	-12.778	63
65	MP3C	Z	-22.133	63
66	MP3C	Mx	-.013	63
67	MP4A	X	-21.737	3
68	MP4A	Z	-37.65	3
69	MP4A	Mx	.011	3
70	MP4A	X	-21.737	63
71	MP4A	Z	-37.65	63
72	MP4A	Mx	.011	63
73	MP4B	X	-22.698	3
74	MP4B	Z	-39.315	3
75	MP4B	Mx	.008	3
76	MP4B	X	-22.698	63
77	MP4B	Z	-39.315	63
78	MP4B	Mx	.008	63
79	MP4C	X	-16.317	3
80	MP4C	Z	-28.262	3
81	MP4C	Mx	-.016	3
82	MP4C	X	-16.317	63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
83	MP4C	Z	-28.262	63
84	MP4C	Mx	-.016	63
85	MP2A	X	-7.518	36
86	MP2A	Z	-13.022	36
87	MP2A	Mx	-.004	36
88	MP2B	X	-7.518	36
89	MP2B	Z	-13.022	36
90	MP2B	Mx	-.004	36
91	MP2C	X	-4.873	36
92	MP2C	Z	-8.441	36
93	MP2C	Mx	.005	36
94	MP2A	X	-4.018	36
95	MP2A	Z	-6.959	36
96	MP2A	Mx	.002	36
97	MP2B	X	-4.018	36
98	MP2B	Z	-6.959	36
99	MP2B	Mx	.002	36
100	MP2C	X	-1.992	36
101	MP2C	Z	-3.45	36
102	MP2C	Mx	-.002	36
103	RAY	X	-10.064	9
104	RAY	Z	-17.431	9
105	RAY	Mx	-.009	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	0	36
2	MP3A	Z	-5.049	36
3	MP3A	Mx	0	36
4	MP3B	X	0	36
5	MP3B	Z	-4.066	36
6	MP3B	Mx	-.002	36
7	MP3C	X	0	36
8	MP3C	Z	-3.793	36
9	MP3C	Mx	.002	36
10	RAY	X	0	9
11	RAY	Z	-6.749	9
12	RAY	Mx	-.003	9
13	MP1A	X	0	21
14	MP1A	Z	-6.344	21
15	MP1A	Mx	0	21
16	MP1A	X	0	45
17	MP1A	Z	-6.344	45
18	MP1A	Mx	0	45
19	MP1B	X	0	21
20	MP1B	Z	-4.079	21
21	MP1B	Mx	.002	21
22	MP1B	X	0	45
23	MP1B	Z	-4.079	45
24	MP1B	Mx	.002	45
25	MP1C	X	0	21
26	MP1C	Z	-3.449	21
27	MP1C	Mx	-.001	21
28	MP1C	X	0	45
29	MP1C	Z	-3.449	45
30	MP1C	Mx	-.001	45

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
31	MP3A	X	0	3
32	MP3A	Z	-12.297	3
33	MP3A	Mx	-.008	3
34	MP3A	X	0	63
35	MP3A	Z	-12.297	63
36	MP3A	Mx	-.008	63
37	MP3B	X	0	3
38	MP3B	Z	-9.821	3
39	MP3B	Mx	.008	3
40	MP3B	X	0	63
41	MP3B	Z	-9.821	63
42	MP3B	Mx	.008	63
43	MP3C	X	0	3
44	MP3C	Z	-9.132	3
45	MP3C	Mx	-.001	3
46	MP3C	X	0	63
47	MP3C	Z	-9.132	63
48	MP3C	Mx	-.001	63
49	MP3A	X	0	3
50	MP3A	Z	-12.297	3
51	MP3A	Mx	.008	3
52	MP3A	X	0	63
53	MP3A	Z	-12.297	63
54	MP3A	Mx	.008	63
55	MP3B	X	0	3
56	MP3B	Z	-9.821	3
57	MP3B	Mx	-.000184	3
58	MP3B	X	0	63
59	MP3B	Z	-9.821	63
60	MP3B	Mx	-.000184	63
61	MP3C	X	0	3
62	MP3C	Z	-9.132	3
63	MP3C	Mx	-.007	3
64	MP3C	X	0	63
65	MP3C	Z	-9.132	63
66	MP3C	Mx	-.007	63
67	MP4A	X	0	3
68	MP4A	Z	-15.483	3
69	MP4A	Mx	0	3
70	MP4A	X	0	63
71	MP4A	Z	-15.483	63
72	MP4A	Mx	0	63
73	MP4B	X	0	3
74	MP4B	Z	-12.494	3
75	MP4B	Mx	.005	3
76	MP4B	X	0	63
77	MP4B	Z	-12.494	63
78	MP4B	Mx	.005	63
79	MP4C	X	0	3
80	MP4C	Z	-11.663	3
81	MP4C	Mx	-.005	3
82	MP4C	X	0	63
83	MP4C	Z	-11.663	63
84	MP4C	Mx	-.005	63
85	MP2A	X	0	36
86	MP2A	Z	-5.049	36
87	MP2A	Mx	0	36

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
88	MP2B	X	0	36
89	MP2B	Z	-3.312	36
90	MP2B	Mx	-.001	36
91	MP2C	X	0	36
92	MP2C	Z	-3.312	36
93	MP2C	Mx	.001	36
94	MP2A	X	0	36
95	MP2A	Z	-2.592	36
96	MP2A	Mx	0	36
97	MP2B	X	0	36
98	MP2B	Z	-1.371	36
99	MP2B	Mx	.000594	36
100	MP2C	X	0	36
101	MP2C	Z	-1.371	36
102	MP2C	Mx	-.000594	36
103	RAY	X	0	9
104	RAY	Z	-6.749	9
105	RAY	Mx	-.003	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	2.315	36
2	MP3A	Z	-4.01	36
3	MP3A	Mx	.001	36
4	MP3B	X	1.713	36
5	MP3B	Z	-2.966	36
6	MP3B	Mx	-.002	36
7	MP3C	X	2.315	36
8	MP3C	Z	-4.01	36
9	MP3C	Mx	.001	36
10	RAY	X	3.079	9
11	RAY	Z	-5.333	9
12	RAY	Mx	-.003	9
13	MP1A	X	2.69	21
14	MP1A	Z	-4.659	21
15	MP1A	Mx	-.001	21
16	MP1A	X	2.69	45
17	MP1A	Z	-4.659	45
18	MP1A	Mx	-.001	45
19	MP1B	X	1.3	21
20	MP1B	Z	-2.252	21
21	MP1B	Mx	.001	21
22	MP1B	X	1.3	45
23	MP1B	Z	-2.252	45
24	MP1B	Mx	.001	45
25	MP1C	X	2.69	21
26	MP1C	Z	-4.659	21
27	MP1C	Mx	-.001	21
28	MP1C	X	2.69	45
29	MP1C	Z	-4.659	45
30	MP1C	Mx	-.001	45
31	MP3A	X	5.621	3
32	MP3A	Z	-9.736	3
33	MP3A	Mx	-.009	3
34	MP3A	X	5.621	63
35	MP3A	Z	-9.736	63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
36	MP3A	Mx	-.009	63
37	MP3B	X	4.102	3
38	MP3B	Z	-7.105	3
39	MP3B	Mx	.005	3
40	MP3B	X	4.102	63
41	MP3B	Z	-7.105	63
42	MP3B	Mx	.005	63
43	MP3C	X	5.621	3
44	MP3C	Z	-9.736	3
45	MP3C	Mx	.003	3
46	MP3C	X	5.621	63
47	MP3C	Z	-9.736	63
48	MP3C	Mx	.003	63
49	MP3A	X	5.621	3
50	MP3A	Z	-9.736	3
51	MP3A	Mx	.003	3
52	MP3A	X	5.621	63
53	MP3A	Z	-9.736	63
54	MP3A	Mx	.003	63
55	MP3B	X	4.102	3
56	MP3B	Z	-7.105	3
57	MP3B	Mx	.003	3
58	MP3B	X	4.102	63
59	MP3B	Z	-7.105	63
60	MP3B	Mx	.003	63
61	MP3C	X	5.621	3
62	MP3C	Z	-9.736	3
63	MP3C	Mx	-.009	3
64	MP3C	X	5.621	63
65	MP3C	Z	-9.736	63
66	MP3C	Mx	-.009	63
67	MP4A	X	7.105	3
68	MP4A	Z	-12.306	3
69	MP4A	Mx	-.004	3
70	MP4A	X	7.105	63
71	MP4A	Z	-12.306	63
72	MP4A	Mx	-.004	63
73	MP4B	X	5.271	3
74	MP4B	Z	-9.13	3
75	MP4B	Mx	.005	3
76	MP4B	X	5.271	63
77	MP4B	Z	-9.13	63
78	MP4B	Mx	.005	63
79	MP4C	X	7.105	3
80	MP4C	Z	-12.306	3
81	MP4C	Mx	-.004	3
82	MP4C	X	7.105	63
83	MP4C	Z	-12.306	63
84	MP4C	Mx	-.004	63
85	MP2A	X	2.235	36
86	MP2A	Z	-3.871	36
87	MP2A	Mx	.001	36
88	MP2B	X	1.367	36
89	MP2B	Z	-2.367	36
90	MP2B	Mx	-.001	36
91	MP2C	X	2.235	36
92	MP2C	Z	-3.871	36

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
93	MP2C	Mx	.001	36
94	MP2A	X	1.092	36
95	MP2A	Z	-1.892	36
96	MP2A	Mx	-.000546	36
97	MP2B	X	.482	36
98	MP2B	Z	-.835	36
99	MP2B	Mx	.000482	36
100	MP2C	X	1.092	36
101	MP2C	Z	-1.892	36
102	MP2C	Mx	-.000546	36
103	RAY	X	3.079	9
104	RAY	Z	-5.333	9
105	RAY	Mx	-.003	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	3.285	36
2	MP3A	Z	-1.897	36
3	MP3A	Mx	.002	36
4	MP3B	X	3.092	36
5	MP3B	Z	-1.785	36
6	MP3B	Mx	-.002	36
7	MP3C	X	4.372	36
8	MP3C	Z	-2.524	36
9	MP3C	Mx	0	36
10	RAY	X	4.308	9
11	RAY	Z	-2.487	9
12	RAY	Mx	-.001	9
13	MP1A	X	2.987	21
14	MP1A	Z	-1.724	21
15	MP1A	Mx	-.001	21
16	MP1A	X	2.987	45
17	MP1A	Z	-1.724	45
18	MP1A	Mx	-.001	45
19	MP1B	X	2.542	21
20	MP1B	Z	-1.468	21
21	MP1B	Mx	.001	21
22	MP1B	X	2.542	45
23	MP1B	Z	-1.468	45
24	MP1B	Mx	.001	45
25	MP1C	X	5.494	21
26	MP1C	Z	-3.172	21
27	MP1C	Mx	0	21
28	MP1C	X	5.494	45
29	MP1C	Z	-3.172	45
30	MP1C	Mx	0	45
31	MP3A	X	7.908	3
32	MP3A	Z	-4.566	3
33	MP3A	Mx	-.007	3
34	MP3A	X	7.908	63
35	MP3A	Z	-4.566	63
36	MP3A	Mx	-.007	63
37	MP3B	X	7.422	3
38	MP3B	Z	-4.285	3
39	MP3B	Mx	.002	3
40	MP3B	X	7.422	63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
41	MP3B	Z	-4.285	63
42	MP3B	Mx	.002	63
43	MP3C	X	10.65	3
44	MP3C	Z	-6.149	3
45	MP3C	Mx	.008	3
46	MP3C	X	10.65	63
47	MP3C	Z	-6.149	63
48	MP3C	Mx	.008	63
49	MP3A	X	7.908	3
50	MP3A	Z	-4.566	3
51	MP3A	Mx	-.001	3
52	MP3A	X	7.908	63
53	MP3A	Z	-4.566	63
54	MP3A	Mx	-.001	63
55	MP3B	X	7.422	3
56	MP3B	Z	-4.285	3
57	MP3B	Mx	.006	3
58	MP3B	X	7.422	63
59	MP3B	Z	-4.285	63
60	MP3B	Mx	.006	63
61	MP3C	X	10.65	3
62	MP3C	Z	-6.149	3
63	MP3C	Mx	-.008	3
64	MP3C	X	10.65	63
65	MP3C	Z	-6.149	63
66	MP3C	Mx	-.008	63
67	MP4A	X	10.1	3
68	MP4A	Z	-5.831	3
69	MP4A	Mx	-.005	3
70	MP4A	X	10.1	63
71	MP4A	Z	-5.831	63
72	MP4A	Mx	-.005	63
73	MP4B	X	9.513	3
74	MP4B	Z	-5.493	3
75	MP4B	Mx	.005	3
76	MP4B	X	9.513	63
77	MP4B	Z	-5.493	63
78	MP4B	Mx	.005	63
79	MP4C	X	13.409	3
80	MP4C	Z	-7.742	3
81	MP4C	Mx	0	3
82	MP4C	X	13.409	63
83	MP4C	Z	-7.742	63
84	MP4C	Mx	0	63
85	MP2A	X	2.869	36
86	MP2A	Z	-1.656	36
87	MP2A	Mx	.001	36
88	MP2B	X	2.869	36
89	MP2B	Z	-1.656	36
90	MP2B	Mx	-.001	36
91	MP2C	X	4.372	36
92	MP2C	Z	-2.524	36
93	MP2C	Mx	0	36
94	MP2A	X	1.187	36
95	MP2A	Z	-.685	36
96	MP2A	Mx	-.000594	36
97	MP2B	X	1.187	36

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
98	MP2B	Z	-.685	36
99	MP2B	Mx	.000593	36
100	MP2C	X	2.245	36
101	MP2C	Z	-1.296	36
102	MP2C	Mx	0	36
103	RAY	X	4.308	9
104	RAY	Z	-2.487	9
105	RAY	Mx	-.001	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	3.375	36
2	MP3A	Z	0	36
3	MP3A	Mx	.002	36
4	MP3B	X	4.357	36
5	MP3B	Z	0	36
6	MP3B	Mx	-.001	36
7	MP3C	X	4.63	36
8	MP3C	Z	0	36
9	MP3C	Mx	-.001	36
10	RAY	X	4.383	9
11	RAY	Z	0	9
12	RAY	Mx	0	9
13	MP1A	X	2.484	21
14	MP1A	Z	0	21
15	MP1A	Mx	-.001	21
16	MP1A	X	2.484	45
17	MP1A	Z	0	45
18	MP1A	Mx	-.001	45
19	MP1B	X	4.749	21
20	MP1B	Z	0	21
21	MP1B	Mx	.002	21
22	MP1B	X	4.749	45
23	MP1B	Z	0	45
24	MP1B	Mx	.002	45
25	MP1C	X	5.379	21
26	MP1C	Z	0	21
27	MP1C	Mx	.001	21
28	MP1C	X	5.379	45
29	MP1C	Z	0	45
30	MP1C	Mx	.001	45
31	MP3A	X	8.077	3
32	MP3A	Z	0	3
33	MP3A	Mx	-.004	3
34	MP3A	X	8.077	63
35	MP3A	Z	0	63
36	MP3A	Mx	-.004	63
37	MP3B	X	10.554	3
38	MP3B	Z	0	3
39	MP3B	Mx	-.002	3
40	MP3B	X	10.554	63
41	MP3B	Z	0	63
42	MP3B	Mx	-.002	63
43	MP3C	X	11.242	3
44	MP3C	Z	0	3
45	MP3C	Mx	.009	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
46	MP3C	X	11.242	63
47	MP3C	Z	0	63
48	MP3C	Mx	.009	63
49	MP3A	X	8.077	3
50	MP3A	Z	0	3
51	MP3A	Mx	-.004	3
52	MP3A	X	8.077	63
53	MP3A	Z	0	63
54	MP3A	Mx	-.004	63
55	MP3B	X	10.554	3
56	MP3B	Z	0	3
57	MP3B	Mx	.008	3
58	MP3B	X	10.554	63
59	MP3B	Z	0	63
60	MP3B	Mx	.008	63
61	MP3C	X	11.242	3
62	MP3C	Z	0	3
63	MP3C	Mx	-.003	3
64	MP3C	X	11.242	63
65	MP3C	Z	0	63
66	MP3C	Mx	-.003	63
67	MP4A	X	10.389	3
68	MP4A	Z	0	3
69	MP4A	Mx	-.005	3
70	MP4A	X	10.389	63
71	MP4A	Z	0	63
72	MP4A	Mx	-.005	63
73	MP4B	X	13.378	3
74	MP4B	Z	0	3
75	MP4B	Mx	.004	3
76	MP4B	X	13.378	63
77	MP4B	Z	0	63
78	MP4B	Mx	.004	63
79	MP4C	X	14.21	3
80	MP4C	Z	0	3
81	MP4C	Mx	.004	3
82	MP4C	X	14.21	63
83	MP4C	Z	0	63
84	MP4C	Mx	.004	63
85	MP2A	X	2.734	36
86	MP2A	Z	0	36
87	MP2A	Mx	.001	36
88	MP2B	X	4.47	36
89	MP2B	Z	0	36
90	MP2B	Mx	-.001	36
91	MP2C	X	4.47	36
92	MP2C	Z	0	36
93	MP2C	Mx	-.001	36
94	MP2A	X	.964	36
95	MP2A	Z	0	36
96	MP2A	Mx	-.000482	36
97	MP2B	X	2.185	36
98	MP2B	Z	0	36
99	MP2B	Mx	.000546	36
100	MP2C	X	2.185	36
101	MP2C	Z	0	36
102	MP2C	Mx	.000546	36

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
103	RAY	X	4.383	9
104	RAY	Z	0	9
105	RAY	Mx	0	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	3.285	36
2	MP3A	Z	1.897	36
3	MP3A	Mx	.002	36
4	MP3B	X	4.328	36
5	MP3B	Z	2.499	36
6	MP3B	Mx	-.000434	36
7	MP3C	X	3.285	36
8	MP3C	Z	1.897	36
9	MP3C	Mx	-.002	36
10	RAY	X	4.308	9
11	RAY	Z	2.487	9
12	RAY	Mx	.001	9
13	MP1A	X	2.987	21
14	MP1A	Z	1.724	21
15	MP1A	Mx	-.001	21
16	MP1A	X	2.987	45
17	MP1A	Z	1.724	45
18	MP1A	Mx	-.001	45
19	MP1B	X	5.394	21
20	MP1B	Z	3.114	21
21	MP1B	Mx	.000541	21
22	MP1B	X	5.394	45
23	MP1B	Z	3.114	45
24	MP1B	Mx	.000541	45
25	MP1C	X	2.987	21
26	MP1C	Z	1.724	21
27	MP1C	Mx	.001	21
28	MP1C	X	2.987	45
29	MP1C	Z	1.724	45
30	MP1C	Mx	.001	45
31	MP3A	X	7.908	3
32	MP3A	Z	4.566	3
33	MP3A	Mx	-.001	3
34	MP3A	X	7.908	63
35	MP3A	Z	4.566	63
36	MP3A	Mx	-.001	63
37	MP3B	X	10.54	3
38	MP3B	Z	6.085	3
39	MP3B	Mx	-.006	3
40	MP3B	X	10.54	63
41	MP3B	Z	6.085	63
42	MP3B	Mx	-.006	63
43	MP3C	X	7.908	3
44	MP3C	Z	4.566	3
45	MP3C	Mx	.007	3
46	MP3C	X	7.908	63
47	MP3C	Z	4.566	63
48	MP3C	Mx	.007	63
49	MP3A	X	7.908	3
50	MP3A	Z	4.566	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
51	MP3A	Mx	-.007	3
52	MP3A	X	7.908	63
53	MP3A	Z	4.566	63
54	MP3A	Mx	-.007	63
55	MP3B	X	10.54	3
56	MP3B	Z	6.085	3
57	MP3B	Mx	.009	3
58	MP3B	X	10.54	63
59	MP3B	Z	6.085	63
60	MP3B	Mx	.009	63
61	MP3C	X	7.908	3
62	MP3C	Z	4.566	3
63	MP3C	Mx	.001	3
64	MP3C	X	7.908	63
65	MP3C	Z	4.566	63
66	MP3C	Mx	.001	63
67	MP4A	X	10.1	3
68	MP4A	Z	5.831	3
69	MP4A	Mx	-.005	3
70	MP4A	X	10.1	63
71	MP4A	Z	5.831	63
72	MP4A	Mx	-.005	63
73	MP4B	X	13.276	3
74	MP4B	Z	7.665	3
75	MP4B	Mx	.001	3
76	MP4B	X	13.276	63
77	MP4B	Z	7.665	63
78	MP4B	Mx	.001	63
79	MP4C	X	10.1	3
80	MP4C	Z	5.831	3
81	MP4C	Mx	.005	3
82	MP4C	X	10.1	63
83	MP4C	Z	5.831	63
84	MP4C	Mx	.005	63
85	MP2A	X	2.869	36
86	MP2A	Z	1.656	36
87	MP2A	Mx	.001	36
88	MP2B	X	4.372	36
89	MP2B	Z	2.524	36
90	MP2B	Mx	0	36
91	MP2C	X	2.869	36
92	MP2C	Z	1.656	36
93	MP2C	Mx	-.001	36
94	MP2A	X	1.187	36
95	MP2A	Z	.685	36
96	MP2A	Mx	-.000594	36
97	MP2B	X	2.245	36
98	MP2B	Z	1.296	36
99	MP2B	Mx	0	36
100	MP2C	X	1.187	36
101	MP2C	Z	.685	36
102	MP2C	Mx	.000593	36
103	RAY	X	4.308	9
104	RAY	Z	2.487	9
105	RAY	Mx	.001	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	2.315	36
2	MP3A	Z	4.01	36
3	MP3A	Mx	.001	36
4	MP3B	X	2.426	36
5	MP3B	Z	4.203	36
6	MP3B	Mx	.00083	36
7	MP3C	X	1.687	36
8	MP3C	Z	2.923	36
9	MP3C	Mx	-.002	36
10	RAY	X	3.079	9
11	RAY	Z	5.333	9
12	RAY	Mx	.003	9
13	MP1A	X	2.69	21
14	MP1A	Z	4.659	21
15	MP1A	Mx	-.001	21
16	MP1A	X	2.69	45
17	MP1A	Z	4.659	45
18	MP1A	Mx	-.001	45
19	MP1B	X	2.946	21
20	MP1B	Z	5.103	21
21	MP1B	Mx	-.001	21
22	MP1B	X	2.946	45
23	MP1B	Z	5.103	45
24	MP1B	Mx	-.001	45
25	MP1C	X	1.242	21
26	MP1C	Z	2.151	21
27	MP1C	Mx	.001	21
28	MP1C	X	1.242	45
29	MP1C	Z	2.151	45
30	MP1C	Mx	.001	45
31	MP3A	X	5.621	3
32	MP3A	Z	9.736	3
33	MP3A	Mx	.003	3
34	MP3A	X	5.621	63
35	MP3A	Z	9.736	63
36	MP3A	Mx	.003	63
37	MP3B	X	5.902	3
38	MP3B	Z	10.222	3
39	MP3B	Mx	-.009	3
40	MP3B	X	5.902	63
41	MP3B	Z	10.222	63
42	MP3B	Mx	-.009	63
43	MP3C	X	4.038	3
44	MP3C	Z	6.995	3
45	MP3C	Mx	.004	3
46	MP3C	X	4.038	63
47	MP3C	Z	6.995	63
48	MP3C	Mx	.004	63
49	MP3A	X	5.621	3
50	MP3A	Z	9.736	3
51	MP3A	Mx	-.009	3
52	MP3A	X	5.621	63
53	MP3A	Z	9.736	63
54	MP3A	Mx	-.009	63
55	MP3B	X	5.902	3
56	MP3B	Z	10.222	3
57	MP3B	Mx	.005	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
58	MP3B	X	5.902	63
59	MP3B	Z	10.222	63
60	MP3B	Mx	.005	63
61	MP3C	X	4.038	3
62	MP3C	Z	6.995	3
63	MP3C	Mx	.004	3
64	MP3C	X	4.038	63
65	MP3C	Z	6.995	63
66	MP3C	Mx	.004	63
67	MP4A	X	7.105	3
68	MP4A	Z	12.306	3
69	MP4A	Mx	-.004	3
70	MP4A	X	7.105	63
71	MP4A	Z	12.306	63
72	MP4A	Mx	-.004	63
73	MP4B	X	7.444	3
74	MP4B	Z	12.893	3
75	MP4B	Mx	-.003	3
76	MP4B	X	7.444	63
77	MP4B	Z	12.893	63
78	MP4B	Mx	-.003	63
79	MP4C	X	5.195	3
80	MP4C	Z	8.997	3
81	MP4C	Mx	.005	3
82	MP4C	X	5.195	63
83	MP4C	Z	8.997	63
84	MP4C	Mx	.005	63
85	MP2A	X	2.235	36
86	MP2A	Z	3.871	36
87	MP2A	Mx	.001	36
88	MP2B	X	2.235	36
89	MP2B	Z	3.871	36
90	MP2B	Mx	.001	36
91	MP2C	X	1.367	36
92	MP2C	Z	2.367	36
93	MP2C	Mx	-.001	36
94	MP2A	X	1.092	36
95	MP2A	Z	1.892	36
96	MP2A	Mx	-.000546	36
97	MP2B	X	1.092	36
98	MP2B	Z	1.892	36
99	MP2B	Mx	-.000546	36
100	MP2C	X	.482	36
101	MP2C	Z	.835	36
102	MP2C	Mx	.000482	36
103	RAY	X	3.079	9
104	RAY	Z	5.333	9
105	RAY	Mx	.003	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	0	36
2	MP3A	Z	5.049	36
3	MP3A	Mx	0	36
4	MP3B	X	0	36
5	MP3B	Z	4.066	36

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
6	MP3B	Mx	.002	36
7	MP3C	X	0	36
8	MP3C	Z	3.793	36
9	MP3C	Mx	-.002	36
10	RAY	X	0	9
11	RAY	Z	6.749	9
12	RAY	Mx	.003	9
13	MP1A	X	0	21
14	MP1A	Z	6.344	21
15	MP1A	Mx	0	21
16	MP1A	X	0	45
17	MP1A	Z	6.344	45
18	MP1A	Mx	0	45
19	MP1B	X	0	21
20	MP1B	Z	4.079	21
21	MP1B	Mx	-.002	21
22	MP1B	X	0	45
23	MP1B	Z	4.079	45
24	MP1B	Mx	-.002	45
25	MP1C	X	0	21
26	MP1C	Z	3.449	21
27	MP1C	Mx	.001	21
28	MP1C	X	0	45
29	MP1C	Z	3.449	45
30	MP1C	Mx	.001	45
31	MP3A	X	0	3
32	MP3A	Z	12.297	3
33	MP3A	Mx	.008	3
34	MP3A	X	0	63
35	MP3A	Z	12.297	63
36	MP3A	Mx	.008	63
37	MP3B	X	0	3
38	MP3B	Z	9.821	3
39	MP3B	Mx	-.008	3
40	MP3B	X	0	63
41	MP3B	Z	9.821	63
42	MP3B	Mx	-.008	63
43	MP3C	X	0	3
44	MP3C	Z	9.132	3
45	MP3C	Mx	.001	3
46	MP3C	X	0	63
47	MP3C	Z	9.132	63
48	MP3C	Mx	.001	63
49	MP3A	X	0	3
50	MP3A	Z	12.297	3
51	MP3A	Mx	-.008	3
52	MP3A	X	0	63
53	MP3A	Z	12.297	63
54	MP3A	Mx	-.008	63
55	MP3B	X	0	3
56	MP3B	Z	9.821	3
57	MP3B	Mx	.000184	3
58	MP3B	X	0	63
59	MP3B	Z	9.821	63
60	MP3B	Mx	.000184	63
61	MP3C	X	0	3
62	MP3C	Z	9.132	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
63	MP3C	Mx	.007	3
64	MP3C	X	0	63
65	MP3C	Z	9.132	63
66	MP3C	Mx	.007	63
67	MP4A	X	0	3
68	MP4A	Z	15.483	3
69	MP4A	Mx	0	3
70	MP4A	X	0	63
71	MP4A	Z	15.483	63
72	MP4A	Mx	0	63
73	MP4B	X	0	3
74	MP4B	Z	12.494	3
75	MP4B	Mx	-.005	3
76	MP4B	X	0	63
77	MP4B	Z	12.494	63
78	MP4B	Mx	-.005	63
79	MP4C	X	0	3
80	MP4C	Z	11.663	3
81	MP4C	Mx	.005	3
82	MP4C	X	0	63
83	MP4C	Z	11.663	63
84	MP4C	Mx	.005	63
85	MP2A	X	0	36
86	MP2A	Z	5.049	36
87	MP2A	Mx	0	36
88	MP2B	X	0	36
89	MP2B	Z	3.312	36
90	MP2B	Mx	.001	36
91	MP2C	X	0	36
92	MP2C	Z	3.312	36
93	MP2C	Mx	-.001	36
94	MP2A	X	0	36
95	MP2A	Z	2.592	36
96	MP2A	Mx	0	36
97	MP2B	X	0	36
98	MP2B	Z	1.371	36
99	MP2B	Mx	-.000594	36
100	MP2C	X	0	36
101	MP2C	Z	1.371	36
102	MP2C	Mx	.000594	36
103	RAY	X	0	9
104	RAY	Z	6.749	9
105	RAY	Mx	.003	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-2.315	36
2	MP3A	Z	4.01	36
3	MP3A	Mx	-.001	36
4	MP3B	X	-1.713	36
5	MP3B	Z	2.966	36
6	MP3B	Mx	.002	36
7	MP3C	X	-2.315	36
8	MP3C	Z	4.01	36
9	MP3C	Mx	-.001	36
10	RAY	X	-3.079	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
11	RAY	Z	5.333	9
12	RAY	Mx	.003	9
13	MP1A	X	-2.69	21
14	MP1A	Z	4.659	21
15	MP1A	Mx	.001	21
16	MP1A	X	-2.69	45
17	MP1A	Z	4.659	45
18	MP1A	Mx	.001	45
19	MP1B	X	-1.3	21
20	MP1B	Z	2.252	21
21	MP1B	Mx	-.001	21
22	MP1B	X	-1.3	45
23	MP1B	Z	2.252	45
24	MP1B	Mx	-.001	45
25	MP1C	X	-2.69	21
26	MP1C	Z	4.659	21
27	MP1C	Mx	.001	21
28	MP1C	X	-2.69	45
29	MP1C	Z	4.659	45
30	MP1C	Mx	.001	45
31	MP3A	X	-5.621	3
32	MP3A	Z	9.736	3
33	MP3A	Mx	.009	3
34	MP3A	X	-5.621	63
35	MP3A	Z	9.736	63
36	MP3A	Mx	.009	63
37	MP3B	X	-4.102	3
38	MP3B	Z	7.105	3
39	MP3B	Mx	-.005	3
40	MP3B	X	-4.102	63
41	MP3B	Z	7.105	63
42	MP3B	Mx	-.005	63
43	MP3C	X	-5.621	3
44	MP3C	Z	9.736	3
45	MP3C	Mx	-.003	3
46	MP3C	X	-5.621	63
47	MP3C	Z	9.736	63
48	MP3C	Mx	-.003	63
49	MP3A	X	-5.621	3
50	MP3A	Z	9.736	3
51	MP3A	Mx	-.003	3
52	MP3A	X	-5.621	63
53	MP3A	Z	9.736	63
54	MP3A	Mx	-.003	63
55	MP3B	X	-4.102	3
56	MP3B	Z	7.105	3
57	MP3B	Mx	-.003	3
58	MP3B	X	-4.102	63
59	MP3B	Z	7.105	63
60	MP3B	Mx	-.003	63
61	MP3C	X	-5.621	3
62	MP3C	Z	9.736	3
63	MP3C	Mx	.009	3
64	MP3C	X	-5.621	63
65	MP3C	Z	9.736	63
66	MP3C	Mx	.009	63
67	MP4A	X	-7.105	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
68	MP4A	Z	12.306	3
69	MP4A	Mx	.004	3
70	MP4A	X	-7.105	63
71	MP4A	Z	12.306	63
72	MP4A	Mx	.004	63
73	MP4B	X	-5.271	3
74	MP4B	Z	9.13	3
75	MP4B	Mx	-.005	3
76	MP4B	X	-5.271	63
77	MP4B	Z	9.13	63
78	MP4B	Mx	-.005	63
79	MP4C	X	-7.105	3
80	MP4C	Z	12.306	3
81	MP4C	Mx	.004	3
82	MP4C	X	-7.105	63
83	MP4C	Z	12.306	63
84	MP4C	Mx	.004	63
85	MP2A	X	-2.235	36
86	MP2A	Z	3.871	36
87	MP2A	Mx	-.001	36
88	MP2B	X	-1.367	36
89	MP2B	Z	2.367	36
90	MP2B	Mx	.001	36
91	MP2C	X	-2.235	36
92	MP2C	Z	3.871	36
93	MP2C	Mx	-.001	36
94	MP2A	X	-1.092	36
95	MP2A	Z	1.892	36
96	MP2A	Mx	.000546	36
97	MP2B	X	-.482	36
98	MP2B	Z	.835	36
99	MP2B	Mx	-.000482	36
100	MP2C	X	-1.092	36
101	MP2C	Z	1.892	36
102	MP2C	Mx	.000546	36
103	RAY	X	-3.079	9
104	RAY	Z	5.333	9
105	RAY	Mx	.003	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-3.285	36
2	MP3A	Z	1.897	36
3	MP3A	Mx	-.002	36
4	MP3B	X	-3.092	36
5	MP3B	Z	1.785	36
6	MP3B	Mx	.002	36
7	MP3C	X	-4.372	36
8	MP3C	Z	2.524	36
9	MP3C	Mx	0	36
10	RAY	X	-4.308	9
11	RAY	Z	2.487	9
12	RAY	Mx	.001	9
13	MP1A	X	-2.987	21
14	MP1A	Z	1.724	21
15	MP1A	Mx	.001	21

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
16	MP1A	X	-2.987	45
17	MP1A	Z	1.724	45
18	MP1A	Mx	.001	45
19	MP1B	X	-2.542	21
20	MP1B	Z	1.468	21
21	MP1B	Mx	-.001	21
22	MP1B	X	-2.542	45
23	MP1B	Z	1.468	45
24	MP1B	Mx	-.001	45
25	MP1C	X	-5.494	21
26	MP1C	Z	3.172	21
27	MP1C	Mx	0	21
28	MP1C	X	-5.494	45
29	MP1C	Z	3.172	45
30	MP1C	Mx	0	45
31	MP3A	X	-7.908	3
32	MP3A	Z	4.566	3
33	MP3A	Mx	.007	3
34	MP3A	X	-7.908	63
35	MP3A	Z	4.566	63
36	MP3A	Mx	.007	63
37	MP3B	X	-7.422	3
38	MP3B	Z	4.285	3
39	MP3B	Mx	-.002	3
40	MP3B	X	-7.422	63
41	MP3B	Z	4.285	63
42	MP3B	Mx	-.002	63
43	MP3C	X	-10.65	3
44	MP3C	Z	6.149	3
45	MP3C	Mx	-.008	3
46	MP3C	X	-10.65	63
47	MP3C	Z	6.149	63
48	MP3C	Mx	-.008	63
49	MP3A	X	-7.908	3
50	MP3A	Z	4.566	3
51	MP3A	Mx	.001	3
52	MP3A	X	-7.908	63
53	MP3A	Z	4.566	63
54	MP3A	Mx	.001	63
55	MP3B	X	-7.422	3
56	MP3B	Z	4.285	3
57	MP3B	Mx	-.006	3
58	MP3B	X	-7.422	63
59	MP3B	Z	4.285	63
60	MP3B	Mx	-.006	63
61	MP3C	X	-10.65	3
62	MP3C	Z	6.149	3
63	MP3C	Mx	.008	3
64	MP3C	X	-10.65	63
65	MP3C	Z	6.149	63
66	MP3C	Mx	.008	63
67	MP4A	X	-10.1	3
68	MP4A	Z	5.831	3
69	MP4A	Mx	.005	3
70	MP4A	X	-10.1	63
71	MP4A	Z	5.831	63
72	MP4A	Mx	.005	63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
73	MP4B	X	-9.513	3
74	MP4B	Z	5.493	3
75	MP4B	Mx	-.005	3
76	MP4B	X	-9.513	63
77	MP4B	Z	5.493	63
78	MP4B	Mx	-.005	63
79	MP4C	X	-13.409	3
80	MP4C	Z	7.742	3
81	MP4C	Mx	0	3
82	MP4C	X	-13.409	63
83	MP4C	Z	7.742	63
84	MP4C	Mx	0	63
85	MP2A	X	-2.869	36
86	MP2A	Z	1.656	36
87	MP2A	Mx	-.001	36
88	MP2B	X	-2.869	36
89	MP2B	Z	1.656	36
90	MP2B	Mx	.001	36
91	MP2C	X	-4.372	36
92	MP2C	Z	2.524	36
93	MP2C	Mx	0	36
94	MP2A	X	-1.187	36
95	MP2A	Z	.685	36
96	MP2A	Mx	.000594	36
97	MP2B	X	-1.187	36
98	MP2B	Z	.685	36
99	MP2B	Mx	-.000593	36
100	MP2C	X	-2.245	36
101	MP2C	Z	1.296	36
102	MP2C	Mx	0	36
103	RAY	X	-4.308	9
104	RAY	Z	2.487	9
105	RAY	Mx	.001	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-3.375	36
2	MP3A	Z	0	36
3	MP3A	Mx	-.002	36
4	MP3B	X	-4.357	36
5	MP3B	Z	0	36
6	MP3B	Mx	.001	36
7	MP3C	X	-4.63	36
8	MP3C	Z	0	36
9	MP3C	Mx	.001	36
10	RAY	X	-4.383	9
11	RAY	Z	0	9
12	RAY	Mx	0	9
13	MP1A	X	-2.484	21
14	MP1A	Z	0	21
15	MP1A	Mx	.001	21
16	MP1A	X	-2.484	45
17	MP1A	Z	0	45
18	MP1A	Mx	.001	45
19	MP1B	X	-4.749	21
20	MP1B	Z	0	21

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
21	MP1B	Mx	-.002	21
22	MP1B	X	-4.749	45
23	MP1B	Z	0	45
24	MP1B	Mx	-.002	45
25	MP1C	X	-5.379	21
26	MP1C	Z	0	21
27	MP1C	Mx	-.001	21
28	MP1C	X	-5.379	45
29	MP1C	Z	0	45
30	MP1C	Mx	-.001	45
31	MP3A	X	-8.077	3
32	MP3A	Z	0	3
33	MP3A	Mx	.004	3
34	MP3A	X	-8.077	63
35	MP3A	Z	0	63
36	MP3A	Mx	.004	63
37	MP3B	X	-10.554	3
38	MP3B	Z	0	3
39	MP3B	Mx	.002	3
40	MP3B	X	-10.554	63
41	MP3B	Z	0	63
42	MP3B	Mx	.002	63
43	MP3C	X	-11.242	3
44	MP3C	Z	0	3
45	MP3C	Mx	-.009	3
46	MP3C	X	-11.242	63
47	MP3C	Z	0	63
48	MP3C	Mx	-.009	63
49	MP3A	X	-8.077	3
50	MP3A	Z	0	3
51	MP3A	Mx	.004	3
52	MP3A	X	-8.077	63
53	MP3A	Z	0	63
54	MP3A	Mx	.004	63
55	MP3B	X	-10.554	3
56	MP3B	Z	0	3
57	MP3B	Mx	-.008	3
58	MP3B	X	-10.554	63
59	MP3B	Z	0	63
60	MP3B	Mx	-.008	63
61	MP3C	X	-11.242	3
62	MP3C	Z	0	3
63	MP3C	Mx	.003	3
64	MP3C	X	-11.242	63
65	MP3C	Z	0	63
66	MP3C	Mx	.003	63
67	MP4A	X	-10.389	3
68	MP4A	Z	0	3
69	MP4A	Mx	.005	3
70	MP4A	X	-10.389	63
71	MP4A	Z	0	63
72	MP4A	Mx	.005	63
73	MP4B	X	-13.378	3
74	MP4B	Z	0	3
75	MP4B	Mx	-.004	3
76	MP4B	X	-13.378	63
77	MP4B	Z	0	63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
78	MP4B	Mx	-.004	63
79	MP4C	X	-14.21	3
80	MP4C	Z	0	3
81	MP4C	Mx	-.004	3
82	MP4C	X	-14.21	63
83	MP4C	Z	0	63
84	MP4C	Mx	-.004	63
85	MP2A	X	-2.734	36
86	MP2A	Z	0	36
87	MP2A	Mx	-.001	36
88	MP2B	X	-4.47	36
89	MP2B	Z	0	36
90	MP2B	Mx	.001	36
91	MP2C	X	-4.47	36
92	MP2C	Z	0	36
93	MP2C	Mx	.001	36
94	MP2A	X	-.964	36
95	MP2A	Z	0	36
96	MP2A	Mx	.000482	36
97	MP2B	X	-2.185	36
98	MP2B	Z	0	36
99	MP2B	Mx	-.000546	36
100	MP2C	X	-2.185	36
101	MP2C	Z	0	36
102	MP2C	Mx	-.000546	36
103	RAY	X	-4.383	9
104	RAY	Z	0	9
105	RAY	Mx	0	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-3.285	36
2	MP3A	Z	-1.897	36
3	MP3A	Mx	-.002	36
4	MP3B	X	-4.328	36
5	MP3B	Z	-2.499	36
6	MP3B	Mx	.000434	36
7	MP3C	X	-3.285	36
8	MP3C	Z	-1.897	36
9	MP3C	Mx	.002	36
10	RAY	X	-4.308	9
11	RAY	Z	-2.487	9
12	RAY	Mx	-.001	9
13	MP1A	X	-2.987	21
14	MP1A	Z	-1.724	21
15	MP1A	Mx	.001	21
16	MP1A	X	-2.987	45
17	MP1A	Z	-1.724	45
18	MP1A	Mx	.001	45
19	MP1B	X	-5.394	21
20	MP1B	Z	-3.114	21
21	MP1B	Mx	-.000541	21
22	MP1B	X	-5.394	45
23	MP1B	Z	-3.114	45
24	MP1B	Mx	-.000541	45
25	MP1C	X	-2.987	21

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
26	MP1C	Z	-1.724	21
27	MP1C	Mx	-.001	21
28	MP1C	X	-2.987	45
29	MP1C	Z	-1.724	45
30	MP1C	Mx	-.001	45
31	MP3A	X	-7.908	3
32	MP3A	Z	-4.566	3
33	MP3A	Mx	.001	3
34	MP3A	X	-7.908	63
35	MP3A	Z	-4.566	63
36	MP3A	Mx	.001	63
37	MP3B	X	-10.54	3
38	MP3B	Z	-6.085	3
39	MP3B	Mx	.006	3
40	MP3B	X	-10.54	63
41	MP3B	Z	-6.085	63
42	MP3B	Mx	.006	63
43	MP3C	X	-7.908	3
44	MP3C	Z	-4.566	3
45	MP3C	Mx	-.007	3
46	MP3C	X	-7.908	63
47	MP3C	Z	-4.566	63
48	MP3C	Mx	-.007	63
49	MP3A	X	-7.908	3
50	MP3A	Z	-4.566	3
51	MP3A	Mx	.007	3
52	MP3A	X	-7.908	63
53	MP3A	Z	-4.566	63
54	MP3A	Mx	.007	63
55	MP3B	X	-10.54	3
56	MP3B	Z	-6.085	3
57	MP3B	Mx	-.009	3
58	MP3B	X	-10.54	63
59	MP3B	Z	-6.085	63
60	MP3B	Mx	-.009	63
61	MP3C	X	-7.908	3
62	MP3C	Z	-4.566	3
63	MP3C	Mx	-.001	3
64	MP3C	X	-7.908	63
65	MP3C	Z	-4.566	63
66	MP3C	Mx	-.001	63
67	MP4A	X	-10.1	3
68	MP4A	Z	-5.831	3
69	MP4A	Mx	.005	3
70	MP4A	X	-10.1	63
71	MP4A	Z	-5.831	63
72	MP4A	Mx	.005	63
73	MP4B	X	-13.276	3
74	MP4B	Z	-7.665	3
75	MP4B	Mx	-.001	3
76	MP4B	X	-13.276	63
77	MP4B	Z	-7.665	63
78	MP4B	Mx	-.001	63
79	MP4C	X	-10.1	3
80	MP4C	Z	-5.831	3
81	MP4C	Mx	-.005	3
82	MP4C	X	-10.1	63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
83	MP4C	Z	-5.831	63
84	MP4C	Mx	-.005	63
85	MP2A	X	-2.869	36
86	MP2A	Z	-1.656	36
87	MP2A	Mx	-.001	36
88	MP2B	X	-4.372	36
89	MP2B	Z	-2.524	36
90	MP2B	Mx	0	36
91	MP2C	X	-2.869	36
92	MP2C	Z	-1.656	36
93	MP2C	Mx	.001	36
94	MP2A	X	-1.187	36
95	MP2A	Z	-.685	36
96	MP2A	Mx	.000594	36
97	MP2B	X	-2.245	36
98	MP2B	Z	-1.296	36
99	MP2B	Mx	0	36
100	MP2C	X	-1.187	36
101	MP2C	Z	-.685	36
102	MP2C	Mx	-.000593	36
103	RAY	X	-4.308	9
104	RAY	Z	-2.487	9
105	RAY	Mx	-.001	9

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-2.315	36
2	MP3A	Z	-4.01	36
3	MP3A	Mx	-.001	36
4	MP3B	X	-2.426	36
5	MP3B	Z	-4.203	36
6	MP3B	Mx	-.00083	36
7	MP3C	X	-1.687	36
8	MP3C	Z	-2.923	36
9	MP3C	Mx	.002	36
10	RAY	X	-3.079	9
11	RAY	Z	-5.333	9
12	RAY	Mx	-.003	9
13	MP1A	X	-2.69	21
14	MP1A	Z	-4.659	21
15	MP1A	Mx	.001	21
16	MP1A	X	-2.69	45
17	MP1A	Z	-4.659	45
18	MP1A	Mx	.001	45
19	MP1B	X	-2.946	21
20	MP1B	Z	-5.103	21
21	MP1B	Mx	.001	21
22	MP1B	X	-2.946	45
23	MP1B	Z	-5.103	45
24	MP1B	Mx	.001	45
25	MP1C	X	-1.242	21
26	MP1C	Z	-2.151	21
27	MP1C	Mx	-.001	21
28	MP1C	X	-1.242	45
29	MP1C	Z	-2.151	45
30	MP1C	Mx	-.001	45

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
31	MP3A	X	-5.621	3
32	MP3A	Z	-9.736	3
33	MP3A	Mx	-.003	3
34	MP3A	X	-5.621	63
35	MP3A	Z	-9.736	63
36	MP3A	Mx	-.003	63
37	MP3B	X	-5.902	3
38	MP3B	Z	-10.222	3
39	MP3B	Mx	.009	3
40	MP3B	X	-5.902	63
41	MP3B	Z	-10.222	63
42	MP3B	Mx	.009	63
43	MP3C	X	-4.038	3
44	MP3C	Z	-6.995	3
45	MP3C	Mx	-.004	3
46	MP3C	X	-4.038	63
47	MP3C	Z	-6.995	63
48	MP3C	Mx	-.004	63
49	MP3A	X	-5.621	3
50	MP3A	Z	-9.736	3
51	MP3A	Mx	.009	3
52	MP3A	X	-5.621	63
53	MP3A	Z	-9.736	63
54	MP3A	Mx	.009	63
55	MP3B	X	-5.902	3
56	MP3B	Z	-10.222	3
57	MP3B	Mx	-.005	3
58	MP3B	X	-5.902	63
59	MP3B	Z	-10.222	63
60	MP3B	Mx	-.005	63
61	MP3C	X	-4.038	3
62	MP3C	Z	-6.995	3
63	MP3C	Mx	-.004	3
64	MP3C	X	-4.038	63
65	MP3C	Z	-6.995	63
66	MP3C	Mx	-.004	63
67	MP4A	X	-7.105	3
68	MP4A	Z	-12.306	3
69	MP4A	Mx	.004	3
70	MP4A	X	-7.105	63
71	MP4A	Z	-12.306	63
72	MP4A	Mx	.004	63
73	MP4B	X	-7.444	3
74	MP4B	Z	-12.893	3
75	MP4B	Mx	.003	3
76	MP4B	X	-7.444	63
77	MP4B	Z	-12.893	63
78	MP4B	Mx	.003	63
79	MP4C	X	-5.195	3
80	MP4C	Z	-8.997	3
81	MP4C	Mx	-.005	3
82	MP4C	X	-5.195	63
83	MP4C	Z	-8.997	63
84	MP4C	Mx	-.005	63
85	MP2A	X	-2.235	36
86	MP2A	Z	-3.871	36
87	MP2A	Mx	-.001	36

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
88	MP2B	X	-2.235	36
89	MP2B	Z	-3.871	36
90	MP2B	Mx	-.001	36
91	MP2C	X	-1.367	36
92	MP2C	Z	-2.367	36
93	MP2C	Mx	.001	36
94	MP2A	X	-1.092	36
95	MP2A	Z	-1.892	36
96	MP2A	Mx	.000546	36
97	MP2B	X	-1.092	36
98	MP2B	Z	-1.892	36
99	MP2B	Mx	.000546	36
100	MP2C	X	-.482	36
101	MP2C	Z	-.835	36
102	MP2C	Mx	-.000482	36
103	RAY	X	-3.079	9
104	RAY	Z	-5.333	9
105	RAY	Mx	-.003	9

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	M83B	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	M109	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	M91B	Y	-250	%50

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	Y	-6.618	-6.618	0	%100
2	RAY	Y	-9.68	-9.68	0	%100
3	M10	Y	-9.68	-9.68	0	%100
4	MP1A	Y	-5.021	-5.021	0	%100
5	M43	Y	-9.68	-9.68	0	%100
6	M46	Y	-10.196	-10.196	0	%100
7	M51B	Y	-5.664	-5.664	0	%100
8	M52B	Y	-5.664	-5.664	0	%100
9	M76	Y	-10.183	-10.183	0	%100
10	M77	Y	-10.183	-10.183	0	%100
11	M80	Y	-10.196	-10.196	0	%100
12	M84	Y	-10.183	-10.183	0	%100
13	M85	Y	-10.183	-10.183	0	%100
14	M91	Y	-10.196	-10.196	0	%100
15	M52A	Y	-9.68	-9.68	0	%100
16	M53	Y	-9.68	-9.68	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
17	M54	Y	-9.68	-9.68	0	%100
18	M55	Y	-10.196	-10.196	0	%100
19	M58A	Y	-5.664	-5.664	0	%100
20	M59A	Y	-5.664	-5.664	0	%100
21	M63	Y	-10.183	-10.183	0	%100
22	M64	Y	-10.183	-10.183	0	%100
23	M66	Y	-10.196	-10.196	0	%100
24	M68	Y	-10.183	-10.183	0	%100
25	M69	Y	-10.183	-10.183	0	%100
26	M71	Y	-10.196	-10.196	0	%100
27	M76A	Y	-9.68	-9.68	0	%100
28	M77A	Y	-9.68	-9.68	0	%100
29	M78	Y	-9.68	-9.68	0	%100
30	M79A	Y	-10.196	-10.196	0	%100
31	M82	Y	-5.664	-5.664	0	%100
32	M83A	Y	-5.664	-5.664	0	%100
33	M87	Y	-10.183	-10.183	0	%100
34	M88A	Y	-10.183	-10.183	0	%100
35	M90	Y	-10.196	-10.196	0	%100
36	M92A	Y	-10.183	-10.183	0	%100
37	M93	Y	-10.183	-10.183	0	%100
38	M95	Y	-10.196	-10.196	0	%100
39	M82A	Y	-6.618	-6.618	0	%100
40	M91B	Y	-6.618	-6.618	0	%100
41	M100	Y	-5.021	-5.021	0	%100
42	MP2A	Y	-5.021	-5.021	0	%100
43	MP3A	Y	-5.021	-5.021	0	%100
44	MP4A	Y	-5.021	-5.021	0	%100
45	MP1C	Y	-5.021	-5.021	0	%100
46	M91C	Y	-5.021	-5.021	0	%100
47	MP2C	Y	-5.021	-5.021	0	%100
48	MP3C	Y	-5.021	-5.021	0	%100
49	MP4C	Y	-5.021	-5.021	0	%100
50	MP1B	Y	-5.021	-5.021	0	%100
51	M104	Y	-5.021	-5.021	0	%100
52	MP2B	Y	-5.021	-5.021	0	%100
53	MP3B	Y	-5.021	-5.021	0	%100
54	MP4B	Y	-5.021	-5.021	0	%100
55	M118	Y	-6.668	-6.668	0	%100
56	M118A	Y	-6.668	-6.668	0	%100
57	M121	Y	-6.668	-6.668	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	0	0	0	%100
2	M1	Z	-14.75	-14.75	0	%100
3	RAY	X	0	0	0	%100
4	RAY	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-13.652	-13.652	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	-9.381	-9.381	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	-13.652	-13.652	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	-27.23	-27.23	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
13	M51B	X	0	0	0	%100
14	M51B	Z	-3.78	-3.78	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	-3.78	-3.78	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	-6.933	-6.933	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	-7.303	-7.303	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	-6.934	-6.934	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	-7.303	-7.303	0	%100
29	M52A	X	0	0	0	%100
30	M52A	Z	-12.1	-12.1	0	%100
31	M53	X	0	0	0	%100
32	M53	Z	-3.413	-3.413	0	%100
33	M54	X	0	0	0	%100
34	M54	Z	-3.413	-3.413	0	%100
35	M55	X	0	0	0	%100
36	M55	Z	-6.807	-6.807	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	-3.78	-3.78	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	-15.12	-15.12	0	%100
41	M63	X	0	0	0	%100
42	M63	Z	-20.422	-20.422	0	%100
43	M64	X	0	0	0	%100
44	M64	Z	-6.934	-6.934	0	%100
45	M66	X	0	0	0	%100
46	M66	Z	-7.303	-7.303	0	%100
47	M68	X	0	0	0	%100
48	M68	Z	-20.422	-20.422	0	%100
49	M69	X	0	0	0	%100
50	M69	Z	-27.734	-27.734	0	%100
51	M71	X	0	0	0	%100
52	M71	Z	-29.212	-29.212	0	%100
53	M76A	X	0	0	0	%100
54	M76A	Z	-12.1	-12.1	0	%100
55	M77A	X	0	0	0	%100
56	M77A	Z	-3.413	-3.413	0	%100
57	M78	X	0	0	0	%100
58	M78	Z	-3.413	-3.413	0	%100
59	M79A	X	0	0	0	%100
60	M79A	Z	-6.807	-6.807	0	%100
61	M82	X	0	0	0	%100
62	M82	Z	-15.12	-15.12	0	%100
63	M83A	X	0	0	0	%100
64	M83A	Z	-3.78	-3.78	0	%100
65	M87	X	0	0	0	%100
66	M87	Z	-20.422	-20.422	0	%100
67	M88A	X	0	0	0	%100
68	M88A	Z	-27.734	-27.734	0	%100
69	M90	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[l...	Start Location[in,..	End Location[in,...
70	M90	Z	-29.212	-29.212	0	%100
71	M92A	X	0	0	0	%100
72	M92A	Z	-20.422	-20.422	0	%100
73	M93	X	0	0	0	%100
74	M93	Z	-6.934	-6.934	0	%100
75	M95	X	0	0	0	%100
76	M95	Z	-7.303	-7.303	0	%100
77	M82A	X	0	0	0	%100
78	M82A	Z	-3.688	-3.688	0	%100
79	M91B	X	0	0	0	%100
80	M91B	Z	-3.688	-3.688	0	%100
81	M100	X	0	0	0	%100
82	M100	Z	-10.778	-10.778	0	%100
83	MP2A	X	0	0	0	%100
84	MP2A	Z	-9.381	-9.381	0	%100
85	MP3A	X	0	0	0	%100
86	MP3A	Z	-9.381	-9.381	0	%100
87	MP4A	X	0	0	0	%100
88	MP4A	Z	-9.381	-9.381	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	-9.381	-9.381	0	%100
91	M91C	X	0	0	0	%100
92	M91C	Z	-2.695	-2.695	0	%100
93	MP2C	X	0	0	0	%100
94	MP2C	Z	-9.381	-9.381	0	%100
95	MP3C	X	0	0	0	%100
96	MP3C	Z	-9.381	-9.381	0	%100
97	MP4C	X	0	0	0	%100
98	MP4C	Z	-9.381	-9.381	0	%100
99	MP1B	X	0	0	0	%100
100	MP1B	Z	-9.381	-9.381	0	%100
101	M104	X	0	0	0	%100
102	M104	Z	-2.695	-2.695	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	-9.381	-9.381	0	%100
105	MP3B	X	0	0	0	%100
106	MP3B	Z	-9.381	-9.381	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	-9.381	-9.381	0	%100
109	M118	X	0	0	0	%100
110	M118	Z	-3.395	-3.395	0	%100
111	M118A	X	0	0	0	%100
112	M118A	Z	-3.395	-3.395	0	%100
113	M121	X	0	0	0	%100
114	M121	Z	-13.579	-13.579	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	5.531	5.531	0	%100
2	M1	Z	-9.58	-9.58	0	%100
3	RAY	X	2.017	2.017	0	%100
4	RAY	Z	-3.493	-3.493	0	%100
5	M10	X	5.119	5.119	0	%100
6	M10	Z	-8.867	-8.867	0	%100
7	MP1A	X	4.865	4.865	0	%100
8	MP1A	Z	-8.427	-8.427	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
9	M43	X	5.119	5.119	0	%100
10	M43	Z	-8.867	-8.867	0	%100
11	M46	X	10.211	10.211	0	%100
12	M46	Z	-17.686	-17.686	0	%100
13	M51B	X	5.67	5.67	0	%100
14	M51B	Z	-9.821	-9.821	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	3.404	3.404	0	%100
18	M76	Z	-5.895	-5.895	0	%100
19	M77	X	10.4	10.4	0	%100
20	M77	Z	-18.014	-18.014	0	%100
21	M80	X	10.954	10.954	0	%100
22	M80	Z	-18.973	-18.973	0	%100
23	M84	X	3.404	3.404	0	%100
24	M84	Z	-5.895	-5.895	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	M52A	X	2.017	2.017	0	%100
30	M52A	Z	-3.493	-3.493	0	%100
31	M53	X	5.119	5.119	0	%100
32	M53	Z	-8.867	-8.867	0	%100
33	M54	X	5.119	5.119	0	%100
34	M54	Z	-8.867	-8.867	0	%100
35	M55	X	10.211	10.211	0	%100
36	M55	Z	-17.686	-17.686	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	5.67	5.67	0	%100
40	M59A	Z	-9.821	-9.821	0	%100
41	M63	X	3.404	3.404	0	%100
42	M63	Z	-5.895	-5.895	0	%100
43	M64	X	0	0	0	%100
44	M64	Z	0	0	0	%100
45	M66	X	0	0	0	%100
46	M66	Z	0	0	0	%100
47	M68	X	3.404	3.404	0	%100
48	M68	Z	-5.895	-5.895	0	%100
49	M69	X	10.4	10.4	0	%100
50	M69	Z	-18.014	-18.014	0	%100
51	M71	X	10.954	10.954	0	%100
52	M71	Z	-18.973	-18.973	0	%100
53	M76A	X	8.067	8.067	0	%100
54	M76A	Z	-13.972	-13.972	0	%100
55	M77A	X	0	0	0	%100
56	M77A	Z	0	0	0	%100
57	M78	X	0	0	0	%100
58	M78	Z	0	0	0	%100
59	M79A	X	0	0	0	%100
60	M79A	Z	0	0	0	%100
61	M82	X	5.67	5.67	0	%100
62	M82	Z	-9.821	-9.821	0	%100
63	M83A	X	5.67	5.67	0	%100
64	M83A	Z	-9.821	-9.821	0	%100
65	M87	X	13.615	13.615	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
66	M87	Z	-23.582	-23.582	0	%100
67	M88A	X	10.4	10.4	0	%100
68	M88A	Z	-18.014	-18.014	0	%100
69	M90	X	10.954	10.954	0	%100
70	M90	Z	-18.973	-18.973	0	%100
71	M92A	X	13.615	13.615	0	%100
72	M92A	Z	-23.582	-23.582	0	%100
73	M93	X	10.4	10.4	0	%100
74	M93	Z	-18.014	-18.014	0	%100
75	M95	X	10.954	10.954	0	%100
76	M95	Z	-18.973	-18.973	0	%100
77	M82A	X	5.531	5.531	0	%100
78	M82A	Z	-9.58	-9.58	0	%100
79	M91B	X	0	0	0	%100
80	M91B	Z	0	0	0	%100
81	M100	X	4.042	4.042	0	%100
82	M100	Z	-7.001	-7.001	0	%100
83	MP2A	X	4.865	4.865	0	%100
84	MP2A	Z	-8.427	-8.427	0	%100
85	MP3A	X	4.865	4.865	0	%100
86	MP3A	Z	-8.427	-8.427	0	%100
87	MP4A	X	4.865	4.865	0	%100
88	MP4A	Z	-8.427	-8.427	0	%100
89	MP1C	X	4.865	4.865	0	%100
90	MP1C	Z	-8.427	-8.427	0	%100
91	M91C	X	4.042	4.042	0	%100
92	M91C	Z	-7.001	-7.001	0	%100
93	MP2C	X	4.865	4.865	0	%100
94	MP2C	Z	-8.427	-8.427	0	%100
95	MP3C	X	4.865	4.865	0	%100
96	MP3C	Z	-8.427	-8.427	0	%100
97	MP4C	X	4.865	4.865	0	%100
98	MP4C	Z	-8.427	-8.427	0	%100
99	MP1B	X	4.865	4.865	0	%100
100	MP1B	Z	-8.427	-8.427	0	%100
101	M104	X	0	0	0	%100
102	M104	Z	0	0	0	%100
103	MP2B	X	4.865	4.865	0	%100
104	MP2B	Z	-8.427	-8.427	0	%100
105	MP3B	X	4.865	4.865	0	%100
106	MP3B	Z	-8.427	-8.427	0	%100
107	MP4B	X	4.865	4.865	0	%100
108	MP4B	Z	-8.427	-8.427	0	%100
109	M118	X	5.092	5.092	0	%100
110	M118	Z	-8.82	-8.82	0	%100
111	M118A	X	0	0	0	%100
112	M118A	Z	0	0	0	%100
113	M121	X	5.092	5.092	0	%100
114	M121	Z	-8.82	-8.82	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	3.193	3.193	0	%100
2	M1	Z	-1.844	-1.844	0	%100
3	RAY	X	10.479	10.479	0	%100
4	RAY	Z	-6.05	-6.05	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
5	M10	X	2.956	2.956	0	%100
6	M10	Z	-1.706	-1.706	0	%100
7	MP1A	X	9.032	9.032	0	%100
8	MP1A	Z	-5.214	-5.214	0	%100
9	M43	X	2.956	2.956	0	%100
10	M43	Z	-1.706	-1.706	0	%100
11	M46	X	5.895	5.895	0	%100
12	M46	Z	-3.404	-3.404	0	%100
13	M51B	X	13.094	13.094	0	%100
14	M51B	Z	-7.56	-7.56	0	%100
15	M52B	X	3.274	3.274	0	%100
16	M52B	Z	-1.89	-1.89	0	%100
17	M76	X	17.686	17.686	0	%100
18	M76	Z	-10.211	-10.211	0	%100
19	M77	X	24.018	24.018	0	%100
20	M77	Z	-13.867	-13.867	0	%100
21	M80	X	25.298	25.298	0	%100
22	M80	Z	-14.606	-14.606	0	%100
23	M84	X	17.686	17.686	0	%100
24	M84	Z	-10.211	-10.211	0	%100
25	M85	X	6.005	6.005	0	%100
26	M85	Z	-3.467	-3.467	0	%100
27	M91	X	6.324	6.324	0	%100
28	M91	Z	-3.651	-3.651	0	%100
29	M52A	X	0	0	0	%100
30	M52A	Z	0	0	0	%100
31	M53	X	11.823	11.823	0	%100
32	M53	Z	-6.826	-6.826	0	%100
33	M54	X	11.823	11.823	0	%100
34	M54	Z	-6.826	-6.826	0	%100
35	M55	X	23.582	23.582	0	%100
36	M55	Z	-13.615	-13.615	0	%100
37	M58A	X	3.274	3.274	0	%100
38	M58A	Z	-1.89	-1.89	0	%100
39	M59A	X	3.274	3.274	0	%100
40	M59A	Z	-1.89	-1.89	0	%100
41	M63	X	0	0	0	%100
42	M63	Z	0	0	0	%100
43	M64	X	6.005	6.005	0	%100
44	M64	Z	-3.467	-3.467	0	%100
45	M66	X	6.324	6.324	0	%100
46	M66	Z	-3.651	-3.651	0	%100
47	M68	X	0	0	0	%100
48	M68	Z	0	0	0	%100
49	M69	X	6.005	6.005	0	%100
50	M69	Z	-3.467	-3.467	0	%100
51	M71	X	6.324	6.324	0	%100
52	M71	Z	-3.651	-3.651	0	%100
53	M76A	X	10.479	10.479	0	%100
54	M76A	Z	-6.05	-6.05	0	%100
55	M77A	X	2.956	2.956	0	%100
56	M77A	Z	-1.706	-1.706	0	%100
57	M78	X	2.956	2.956	0	%100
58	M78	Z	-1.706	-1.706	0	%100
59	M79A	X	5.895	5.895	0	%100
60	M79A	Z	-3.404	-3.404	0	%100
61	M82	X	3.274	3.274	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
62	M82	Z	-1.89	-1.89	0	%100
63	M83A	X	13.094	13.094	0	%100
64	M83A	Z	-7.56	-7.56	0	%100
65	M87	X	17.686	17.686	0	%100
66	M87	Z	-10.211	-10.211	0	%100
67	M88A	X	6.005	6.005	0	%100
68	M88A	Z	-3.467	-3.467	0	%100
69	M90	X	6.324	6.324	0	%100
70	M90	Z	-3.651	-3.651	0	%100
71	M92A	X	17.686	17.686	0	%100
72	M92A	Z	-10.211	-10.211	0	%100
73	M93	X	24.018	24.018	0	%100
74	M93	Z	-13.867	-13.867	0	%100
75	M95	X	25.298	25.298	0	%100
76	M95	Z	-14.606	-14.606	0	%100
77	M82A	X	12.774	12.774	0	%100
78	M82A	Z	-7.375	-7.375	0	%100
79	M91B	X	3.193	3.193	0	%100
80	M91B	Z	-1.844	-1.844	0	%100
81	M100	X	2.334	2.334	0	%100
82	M100	Z	-1.347	-1.347	0	%100
83	MP2A	X	9.032	9.032	0	%100
84	MP2A	Z	-5.214	-5.214	0	%100
85	MP3A	X	9.032	9.032	0	%100
86	MP3A	Z	-5.214	-5.214	0	%100
87	MP4A	X	9.032	9.032	0	%100
88	MP4A	Z	-5.214	-5.214	0	%100
89	MP1C	X	9.032	9.032	0	%100
90	MP1C	Z	-5.214	-5.214	0	%100
91	M91C	X	9.334	9.334	0	%100
92	M91C	Z	-5.389	-5.389	0	%100
93	MP2C	X	9.032	9.032	0	%100
94	MP2C	Z	-5.214	-5.214	0	%100
95	MP3C	X	9.032	9.032	0	%100
96	MP3C	Z	-5.214	-5.214	0	%100
97	MP4C	X	9.032	9.032	0	%100
98	MP4C	Z	-5.214	-5.214	0	%100
99	MP1B	X	9.032	9.032	0	%100
100	MP1B	Z	-5.214	-5.214	0	%100
101	M104	X	2.334	2.334	0	%100
102	M104	Z	-1.347	-1.347	0	%100
103	MP2B	X	9.032	9.032	0	%100
104	MP2B	Z	-5.214	-5.214	0	%100
105	MP3B	X	9.032	9.032	0	%100
106	MP3B	Z	-5.214	-5.214	0	%100
107	MP4B	X	9.032	9.032	0	%100
108	MP4B	Z	-5.214	-5.214	0	%100
109	M118	X	11.76	11.76	0	%100
110	M118	Z	-6.789	-6.789	0	%100
111	M118A	X	2.94	2.94	0	%100
112	M118A	Z	-1.697	-1.697	0	%100
113	M121	X	2.94	2.94	0	%100
114	M121	Z	-1.697	-1.697	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	RAY	X	16.134	16.134	0	%100
4	RAY	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	10.778	10.778	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	11.34	11.34	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	11.34	11.34	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	27.23	27.23	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	20.801	20.801	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	21.909	21.909	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	27.23	27.23	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	20.801	20.801	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	21.909	21.909	0	%100
28	M91	Z	0	0	0	%100
29	M52A	X	4.033	4.033	0	%100
30	M52A	Z	0	0	0	%100
31	M53	X	10.239	10.239	0	%100
32	M53	Z	0	0	0	%100
33	M54	X	10.239	10.239	0	%100
34	M54	Z	0	0	0	%100
35	M55	X	20.422	20.422	0	%100
36	M55	Z	0	0	0	%100
37	M58A	X	11.34	11.34	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	0	0	0	%100
41	M63	X	6.807	6.807	0	%100
42	M63	Z	0	0	0	%100
43	M64	X	20.8	20.8	0	%100
44	M64	Z	0	0	0	%100
45	M66	X	21.909	21.909	0	%100
46	M66	Z	0	0	0	%100
47	M68	X	6.807	6.807	0	%100
48	M68	Z	0	0	0	%100
49	M69	X	0	0	0	%100
50	M69	Z	0	0	0	%100
51	M71	X	0	0	0	%100
52	M71	Z	0	0	0	%100
53	M76A	X	4.033	4.033	0	%100
54	M76A	Z	0	0	0	%100
55	M77A	X	10.239	10.239	0	%100
56	M77A	Z	0	0	0	%100
57	M78	X	10.239	10.239	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
58	M78	Z	0	0	0	%100
59	M79A	X	20.422	20.422	0	%100
60	M79A	Z	0	0	0	%100
61	M82	X	0	0	0	%100
62	M82	Z	0	0	0	%100
63	M83A	X	11.34	11.34	0	%100
64	M83A	Z	0	0	0	%100
65	M87	X	6.807	6.807	0	%100
66	M87	Z	0	0	0	%100
67	M88A	X	0	0	0	%100
68	M88A	Z	0	0	0	%100
69	M90	X	0	0	0	%100
70	M90	Z	0	0	0	%100
71	M92A	X	6.807	6.807	0	%100
72	M92A	Z	0	0	0	%100
73	M93	X	20.801	20.801	0	%100
74	M93	Z	0	0	0	%100
75	M95	X	21.909	21.909	0	%100
76	M95	Z	0	0	0	%100
77	M82A	X	11.063	11.063	0	%100
78	M82A	Z	0	0	0	%100
79	M91B	X	11.063	11.063	0	%100
80	M91B	Z	0	0	0	%100
81	M100	X	0	0	0	%100
82	M100	Z	0	0	0	%100
83	MP2A	X	10.778	10.778	0	%100
84	MP2A	Z	0	0	0	%100
85	MP3A	X	10.778	10.778	0	%100
86	MP3A	Z	0	0	0	%100
87	MP4A	X	10.778	10.778	0	%100
88	MP4A	Z	0	0	0	%100
89	MP1C	X	10.778	10.778	0	%100
90	MP1C	Z	0	0	0	%100
91	M91C	X	8.084	8.084	0	%100
92	M91C	Z	0	0	0	%100
93	MP2C	X	10.778	10.778	0	%100
94	MP2C	Z	0	0	0	%100
95	MP3C	X	10.778	10.778	0	%100
96	MP3C	Z	0	0	0	%100
97	MP4C	X	10.778	10.778	0	%100
98	MP4C	Z	0	0	0	%100
99	MP1B	X	10.778	10.778	0	%100
100	MP1B	Z	0	0	0	%100
101	M104	X	8.084	8.084	0	%100
102	M104	Z	0	0	0	%100
103	MP2B	X	10.778	10.778	0	%100
104	MP2B	Z	0	0	0	%100
105	MP3B	X	10.778	10.778	0	%100
106	MP3B	Z	0	0	0	%100
107	MP4B	X	10.778	10.778	0	%100
108	MP4B	Z	0	0	0	%100
109	M118	X	10.184	10.184	0	%100
110	M118	Z	0	0	0	%100
111	M118A	X	10.184	10.184	0	%100
112	M118A	Z	0	0	0	%100
113	M121	X	0	0	0	%100
114	M121	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[l...	Start Location[in,..	End Location[in,...
1	M1	X	3.193	3.193	0	%100
2	M1	Z	1.844	1.844	0	%100
3	RAY	X	10.479	10.479	0	%100
4	RAY	Z	6.05	6.05	0	%100
5	M10	X	2.956	2.956	0	%100
6	M10	Z	1.706	1.706	0	%100
7	MP1A	X	9.032	9.032	0	%100
8	MP1A	Z	5.214	5.214	0	%100
9	M43	X	2.956	2.956	0	%100
10	M43	Z	1.706	1.706	0	%100
11	M46	X	5.895	5.895	0	%100
12	M46	Z	3.404	3.404	0	%100
13	M51B	X	3.274	3.274	0	%100
14	M51B	Z	1.89	1.89	0	%100
15	M52B	X	13.094	13.094	0	%100
16	M52B	Z	7.56	7.56	0	%100
17	M76	X	17.686	17.686	0	%100
18	M76	Z	10.211	10.211	0	%100
19	M77	X	6.005	6.005	0	%100
20	M77	Z	3.467	3.467	0	%100
21	M80	X	6.324	6.324	0	%100
22	M80	Z	3.651	3.651	0	%100
23	M84	X	17.686	17.686	0	%100
24	M84	Z	10.211	10.211	0	%100
25	M85	X	24.018	24.018	0	%100
26	M85	Z	13.867	13.867	0	%100
27	M91	X	25.298	25.298	0	%100
28	M91	Z	14.606	14.606	0	%100
29	M52A	X	10.479	10.479	0	%100
30	M52A	Z	6.05	6.05	0	%100
31	M53	X	2.956	2.956	0	%100
32	M53	Z	1.706	1.706	0	%100
33	M54	X	2.956	2.956	0	%100
34	M54	Z	1.706	1.706	0	%100
35	M55	X	5.895	5.895	0	%100
36	M55	Z	3.404	3.404	0	%100
37	M58A	X	13.094	13.094	0	%100
38	M58A	Z	7.56	7.56	0	%100
39	M59A	X	3.274	3.274	0	%100
40	M59A	Z	1.89	1.89	0	%100
41	M63	X	17.686	17.686	0	%100
42	M63	Z	10.211	10.211	0	%100
43	M64	X	24.018	24.018	0	%100
44	M64	Z	13.867	13.867	0	%100
45	M66	X	25.298	25.298	0	%100
46	M66	Z	14.606	14.606	0	%100
47	M68	X	17.686	17.686	0	%100
48	M68	Z	10.211	10.211	0	%100
49	M69	X	6.005	6.005	0	%100
50	M69	Z	3.467	3.467	0	%100
51	M71	X	6.324	6.324	0	%100
52	M71	Z	3.651	3.651	0	%100
53	M76A	X	0	0	0	%100
54	M76A	Z	0	0	0	%100
55	M77A	X	11.823	11.823	0	%100
56	M77A	Z	6.826	6.826	0	%100
57	M78	X	11.823	11.823	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
58	M78	Z	6.826	6.826	0	%100
59	M79A	X	23.582	23.582	0	%100
60	M79A	Z	13.615	13.615	0	%100
61	M82	X	3.274	3.274	0	%100
62	M82	Z	1.89	1.89	0	%100
63	M83A	X	3.274	3.274	0	%100
64	M83A	Z	1.89	1.89	0	%100
65	M87	X	0	0	0	%100
66	M87	Z	0	0	0	%100
67	M88A	X	6.005	6.005	0	%100
68	M88A	Z	3.467	3.467	0	%100
69	M90	X	6.324	6.324	0	%100
70	M90	Z	3.651	3.651	0	%100
71	M92A	X	0	0	0	%100
72	M92A	Z	0	0	0	%100
73	M93	X	6.005	6.005	0	%100
74	M93	Z	3.467	3.467	0	%100
75	M95	X	6.324	6.324	0	%100
76	M95	Z	3.651	3.651	0	%100
77	M82A	X	3.193	3.193	0	%100
78	M82A	Z	1.844	1.844	0	%100
79	M91B	X	12.774	12.774	0	%100
80	M91B	Z	7.375	7.375	0	%100
81	M100	X	2.334	2.334	0	%100
82	M100	Z	1.347	1.347	0	%100
83	MP2A	X	9.032	9.032	0	%100
84	MP2A	Z	5.214	5.214	0	%100
85	MP3A	X	9.032	9.032	0	%100
86	MP3A	Z	5.214	5.214	0	%100
87	MP4A	X	9.032	9.032	0	%100
88	MP4A	Z	5.214	5.214	0	%100
89	MP1C	X	9.032	9.032	0	%100
90	MP1C	Z	5.214	5.214	0	%100
91	M91C	X	2.334	2.334	0	%100
92	M91C	Z	1.347	1.347	0	%100
93	MP2C	X	9.032	9.032	0	%100
94	MP2C	Z	5.214	5.214	0	%100
95	MP3C	X	9.032	9.032	0	%100
96	MP3C	Z	5.214	5.214	0	%100
97	MP4C	X	9.032	9.032	0	%100
98	MP4C	Z	5.214	5.214	0	%100
99	MP1B	X	9.032	9.032	0	%100
100	MP1B	Z	5.214	5.214	0	%100
101	M104	X	9.334	9.334	0	%100
102	M104	Z	5.389	5.389	0	%100
103	MP2B	X	9.032	9.032	0	%100
104	MP2B	Z	5.214	5.214	0	%100
105	MP3B	X	9.032	9.032	0	%100
106	MP3B	Z	5.214	5.214	0	%100
107	MP4B	X	9.032	9.032	0	%100
108	MP4B	Z	5.214	5.214	0	%100
109	M118	X	2.94	2.94	0	%100
110	M118	Z	1.697	1.697	0	%100
111	M118A	X	11.76	11.76	0	%100
112	M118A	Z	6.789	6.789	0	%100
113	M121	X	2.94	2.94	0	%100
114	M121	Z	1.697	1.697	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	5.531	5.531	0	%100
2	M1	Z	9.58	9.58	0	%100
3	RAY	X	2.017	2.017	0	%100
4	RAY	Z	3.493	3.493	0	%100
5	M10	X	5.119	5.119	0	%100
6	M10	Z	8.867	8.867	0	%100
7	MP1A	X	4.865	4.865	0	%100
8	MP1A	Z	8.427	8.427	0	%100
9	M43	X	5.119	5.119	0	%100
10	M43	Z	8.867	8.867	0	%100
11	M46	X	10.211	10.211	0	%100
12	M46	Z	17.686	17.686	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	5.67	5.67	0	%100
16	M52B	Z	9.821	9.821	0	%100
17	M76	X	3.404	3.404	0	%100
18	M76	Z	5.895	5.895	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	3.404	3.404	0	%100
24	M84	Z	5.895	5.895	0	%100
25	M85	X	10.4	10.4	0	%100
26	M85	Z	18.014	18.014	0	%100
27	M91	X	10.954	10.954	0	%100
28	M91	Z	18.973	18.973	0	%100
29	M52A	X	8.067	8.067	0	%100
30	M52A	Z	13.972	13.972	0	%100
31	M53	X	0	0	0	%100
32	M53	Z	0	0	0	%100
33	M54	X	0	0	0	%100
34	M54	Z	0	0	0	%100
35	M55	X	0	0	0	%100
36	M55	Z	0	0	0	%100
37	M58A	X	5.67	5.67	0	%100
38	M58A	Z	9.821	9.821	0	%100
39	M59A	X	5.67	5.67	0	%100
40	M59A	Z	9.821	9.821	0	%100
41	M63	X	13.615	13.615	0	%100
42	M63	Z	23.582	23.582	0	%100
43	M64	X	10.4	10.4	0	%100
44	M64	Z	18.014	18.014	0	%100
45	M66	X	10.954	10.954	0	%100
46	M66	Z	18.973	18.973	0	%100
47	M68	X	13.615	13.615	0	%100
48	M68	Z	23.582	23.582	0	%100
49	M69	X	10.4	10.4	0	%100
50	M69	Z	18.014	18.014	0	%100
51	M71	X	10.954	10.954	0	%100
52	M71	Z	18.973	18.973	0	%100
53	M76A	X	2.017	2.017	0	%100
54	M76A	Z	3.493	3.493	0	%100
55	M77A	X	5.119	5.119	0	%100
56	M77A	Z	8.867	8.867	0	%100
57	M78	X	5.119	5.119	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
58	M78	Z	8.867	8.867	0	%100
59	M79A	X	10.211	10.211	0	%100
60	M79A	Z	17.686	17.686	0	%100
61	M82	X	5.67	5.67	0	%100
62	M82	Z	9.821	9.821	0	%100
63	M83A	X	0	0	0	%100
64	M83A	Z	0	0	0	%100
65	M87	X	3.404	3.404	0	%100
66	M87	Z	5.895	5.895	0	%100
67	M88A	X	10.4	10.4	0	%100
68	M88A	Z	18.014	18.014	0	%100
69	M90	X	10.954	10.954	0	%100
70	M90	Z	18.973	18.973	0	%100
71	M92A	X	3.404	3.404	0	%100
72	M92A	Z	5.895	5.895	0	%100
73	M93	X	0	0	0	%100
74	M93	Z	0	0	0	%100
75	M95	X	0	0	0	%100
76	M95	Z	0	0	0	%100
77	M82A	X	0	0	0	%100
78	M82A	Z	0	0	0	%100
79	M91B	X	5.531	5.531	0	%100
80	M91B	Z	9.58	9.58	0	%100
81	M100	X	4.042	4.042	0	%100
82	M100	Z	7.001	7.001	0	%100
83	MP2A	X	4.865	4.865	0	%100
84	MP2A	Z	8.427	8.427	0	%100
85	MP3A	X	4.865	4.865	0	%100
86	MP3A	Z	8.427	8.427	0	%100
87	MP4A	X	4.865	4.865	0	%100
88	MP4A	Z	8.427	8.427	0	%100
89	MP1C	X	4.865	4.865	0	%100
90	MP1C	Z	8.427	8.427	0	%100
91	M91C	X	0	0	0	%100
92	M91C	Z	0	0	0	%100
93	MP2C	X	4.865	4.865	0	%100
94	MP2C	Z	8.427	8.427	0	%100
95	MP3C	X	4.865	4.865	0	%100
96	MP3C	Z	8.427	8.427	0	%100
97	MP4C	X	4.865	4.865	0	%100
98	MP4C	Z	8.427	8.427	0	%100
99	MP1B	X	4.865	4.865	0	%100
100	MP1B	Z	8.427	8.427	0	%100
101	M104	X	4.042	4.042	0	%100
102	M104	Z	7.001	7.001	0	%100
103	MP2B	X	4.865	4.865	0	%100
104	MP2B	Z	8.427	8.427	0	%100
105	MP3B	X	4.865	4.865	0	%100
106	MP3B	Z	8.427	8.427	0	%100
107	MP4B	X	4.865	4.865	0	%100
108	MP4B	Z	8.427	8.427	0	%100
109	M118	X	0	0	0	%100
110	M118	Z	0	0	0	%100
111	M118A	X	5.092	5.092	0	%100
112	M118A	Z	8.82	8.82	0	%100
113	M121	X	5.092	5.092	0	%100
114	M121	Z	8.82	8.82	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	0	0	0	%100
2	M1	Z	14.75	14.75	0	%100
3	RAY	X	0	0	0	%100
4	RAY	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	13.652	13.652	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	9.381	9.381	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	13.652	13.652	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	27.23	27.23	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	3.78	3.78	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	3.78	3.78	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	6.933	6.933	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	7.303	7.303	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	6.934	6.934	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	7.303	7.303	0	%100
29	M52A	X	0	0	0	%100
30	M52A	Z	12.1	12.1	0	%100
31	M53	X	0	0	0	%100
32	M53	Z	3.413	3.413	0	%100
33	M54	X	0	0	0	%100
34	M54	Z	3.413	3.413	0	%100
35	M55	X	0	0	0	%100
36	M55	Z	6.807	6.807	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	3.78	3.78	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	15.12	15.12	0	%100
41	M63	X	0	0	0	%100
42	M63	Z	20.422	20.422	0	%100
43	M64	X	0	0	0	%100
44	M64	Z	6.934	6.934	0	%100
45	M66	X	0	0	0	%100
46	M66	Z	7.303	7.303	0	%100
47	M68	X	0	0	0	%100
48	M68	Z	20.422	20.422	0	%100
49	M69	X	0	0	0	%100
50	M69	Z	27.734	27.734	0	%100
51	M71	X	0	0	0	%100
52	M71	Z	29.212	29.212	0	%100
53	M76A	X	0	0	0	%100
54	M76A	Z	12.1	12.1	0	%100
55	M77A	X	0	0	0	%100
56	M77A	Z	3.413	3.413	0	%100
57	M78	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[l...	Start Location[in,..	End Location[in,...
58	M78	Z	3.413	3.413	0	%100
59	M79A	X	0	0	0	%100
60	M79A	Z	6.807	6.807	0	%100
61	M82	X	0	0	0	%100
62	M82	Z	15.12	15.12	0	%100
63	M83A	X	0	0	0	%100
64	M83A	Z	3.78	3.78	0	%100
65	M87	X	0	0	0	%100
66	M87	Z	20.422	20.422	0	%100
67	M88A	X	0	0	0	%100
68	M88A	Z	27.734	27.734	0	%100
69	M90	X	0	0	0	%100
70	M90	Z	29.212	29.212	0	%100
71	M92A	X	0	0	0	%100
72	M92A	Z	20.422	20.422	0	%100
73	M93	X	0	0	0	%100
74	M93	Z	6.934	6.934	0	%100
75	M95	X	0	0	0	%100
76	M95	Z	7.303	7.303	0	%100
77	M82A	X	0	0	0	%100
78	M82A	Z	3.688	3.688	0	%100
79	M91B	X	0	0	0	%100
80	M91B	Z	3.688	3.688	0	%100
81	M100	X	0	0	0	%100
82	M100	Z	10.778	10.778	0	%100
83	MP2A	X	0	0	0	%100
84	MP2A	Z	9.381	9.381	0	%100
85	MP3A	X	0	0	0	%100
86	MP3A	Z	9.381	9.381	0	%100
87	MP4A	X	0	0	0	%100
88	MP4A	Z	9.381	9.381	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	9.381	9.381	0	%100
91	M91C	X	0	0	0	%100
92	M91C	Z	2.695	2.695	0	%100
93	MP2C	X	0	0	0	%100
94	MP2C	Z	9.381	9.381	0	%100
95	MP3C	X	0	0	0	%100
96	MP3C	Z	9.381	9.381	0	%100
97	MP4C	X	0	0	0	%100
98	MP4C	Z	9.381	9.381	0	%100
99	MP1B	X	0	0	0	%100
100	MP1B	Z	9.381	9.381	0	%100
101	M104	X	0	0	0	%100
102	M104	Z	2.695	2.695	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	9.381	9.381	0	%100
105	MP3B	X	0	0	0	%100
106	MP3B	Z	9.381	9.381	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	9.381	9.381	0	%100
109	M118	X	0	0	0	%100
110	M118	Z	3.395	3.395	0	%100
111	M118A	X	0	0	0	%100
112	M118A	Z	3.395	3.395	0	%100
113	M121	X	0	0	0	%100
114	M121	Z	13.579	13.579	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	-5.531	-5.531	0	%100
2	M1	Z	9.58	9.58	0	%100
3	RAY	X	-2.017	-2.017	0	%100
4	RAY	Z	3.493	3.493	0	%100
5	M10	X	-5.119	-5.119	0	%100
6	M10	Z	8.867	8.867	0	%100
7	MP1A	X	-4.865	-4.865	0	%100
8	MP1A	Z	8.427	8.427	0	%100
9	M43	X	-5.119	-5.119	0	%100
10	M43	Z	8.867	8.867	0	%100
11	M46	X	-10.211	-10.211	0	%100
12	M46	Z	17.686	17.686	0	%100
13	M51B	X	-5.67	-5.67	0	%100
14	M51B	Z	9.821	9.821	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-3.404	-3.404	0	%100
18	M76	Z	5.895	5.895	0	%100
19	M77	X	-10.4	-10.4	0	%100
20	M77	Z	18.014	18.014	0	%100
21	M80	X	-10.954	-10.954	0	%100
22	M80	Z	18.973	18.973	0	%100
23	M84	X	-3.404	-3.404	0	%100
24	M84	Z	5.895	5.895	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	M52A	X	-2.017	-2.017	0	%100
30	M52A	Z	3.493	3.493	0	%100
31	M53	X	-5.119	-5.119	0	%100
32	M53	Z	8.867	8.867	0	%100
33	M54	X	-5.119	-5.119	0	%100
34	M54	Z	8.867	8.867	0	%100
35	M55	X	-10.211	-10.211	0	%100
36	M55	Z	17.686	17.686	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	-5.67	-5.67	0	%100
40	M59A	Z	9.821	9.821	0	%100
41	M63	X	-3.404	-3.404	0	%100
42	M63	Z	5.895	5.895	0	%100
43	M64	X	0	0	0	%100
44	M64	Z	0	0	0	%100
45	M66	X	0	0	0	%100
46	M66	Z	0	0	0	%100
47	M68	X	-3.404	-3.404	0	%100
48	M68	Z	5.895	5.895	0	%100
49	M69	X	-10.4	-10.4	0	%100
50	M69	Z	18.014	18.014	0	%100
51	M71	X	-10.954	-10.954	0	%100
52	M71	Z	18.973	18.973	0	%100
53	M76A	X	-8.067	-8.067	0	%100
54	M76A	Z	13.972	13.972	0	%100
55	M77A	X	0	0	0	%100
56	M77A	Z	0	0	0	%100
57	M78	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
58	M78	Z	0	0	0	%100
59	M79A	X	0	0	0	%100
60	M79A	Z	0	0	0	%100
61	M82	X	-5.67	-5.67	0	%100
62	M82	Z	9.821	9.821	0	%100
63	M83A	X	-5.67	-5.67	0	%100
64	M83A	Z	9.821	9.821	0	%100
65	M87	X	-13.615	-13.615	0	%100
66	M87	Z	23.582	23.582	0	%100
67	M88A	X	-10.4	-10.4	0	%100
68	M88A	Z	18.014	18.014	0	%100
69	M90	X	-10.954	-10.954	0	%100
70	M90	Z	18.973	18.973	0	%100
71	M92A	X	-13.615	-13.615	0	%100
72	M92A	Z	23.582	23.582	0	%100
73	M93	X	-10.4	-10.4	0	%100
74	M93	Z	18.014	18.014	0	%100
75	M95	X	-10.954	-10.954	0	%100
76	M95	Z	18.973	18.973	0	%100
77	M82A	X	-5.531	-5.531	0	%100
78	M82A	Z	9.58	9.58	0	%100
79	M91B	X	0	0	0	%100
80	M91B	Z	0	0	0	%100
81	M100	X	-4.042	-4.042	0	%100
82	M100	Z	7.001	7.001	0	%100
83	MP2A	X	-4.865	-4.865	0	%100
84	MP2A	Z	8.427	8.427	0	%100
85	MP3A	X	-4.865	-4.865	0	%100
86	MP3A	Z	8.427	8.427	0	%100
87	MP4A	X	-4.865	-4.865	0	%100
88	MP4A	Z	8.427	8.427	0	%100
89	MP1C	X	-4.865	-4.865	0	%100
90	MP1C	Z	8.427	8.427	0	%100
91	M91C	X	-4.042	-4.042	0	%100
92	M91C	Z	7.001	7.001	0	%100
93	MP2C	X	-4.865	-4.865	0	%100
94	MP2C	Z	8.427	8.427	0	%100
95	MP3C	X	-4.865	-4.865	0	%100
96	MP3C	Z	8.427	8.427	0	%100
97	MP4C	X	-4.865	-4.865	0	%100
98	MP4C	Z	8.427	8.427	0	%100
99	MP1B	X	-4.865	-4.865	0	%100
100	MP1B	Z	8.427	8.427	0	%100
101	M104	X	0	0	0	%100
102	M104	Z	0	0	0	%100
103	MP2B	X	-4.865	-4.865	0	%100
104	MP2B	Z	8.427	8.427	0	%100
105	MP3B	X	-4.865	-4.865	0	%100
106	MP3B	Z	8.427	8.427	0	%100
107	MP4B	X	-4.865	-4.865	0	%100
108	MP4B	Z	8.427	8.427	0	%100
109	M118	X	-5.092	-5.092	0	%100
110	M118	Z	8.82	8.82	0	%100
111	M118A	X	0	0	0	%100
112	M118A	Z	0	0	0	%100
113	M121	X	-5.092	-5.092	0	%100
114	M121	Z	8.82	8.82	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	-3.193	-3.193	0	%100
2	M1	Z	1.844	1.844	0	%100
3	RAY	X	-10.479	-10.479	0	%100
4	RAY	Z	6.05	6.05	0	%100
5	M10	X	-2.956	-2.956	0	%100
6	M10	Z	1.706	1.706	0	%100
7	MP1A	X	-9.032	-9.032	0	%100
8	MP1A	Z	5.214	5.214	0	%100
9	M43	X	-2.956	-2.956	0	%100
10	M43	Z	1.706	1.706	0	%100
11	M46	X	-5.895	-5.895	0	%100
12	M46	Z	3.404	3.404	0	%100
13	M51B	X	-13.094	-13.094	0	%100
14	M51B	Z	7.56	7.56	0	%100
15	M52B	X	-3.274	-3.274	0	%100
16	M52B	Z	1.89	1.89	0	%100
17	M76	X	-17.686	-17.686	0	%100
18	M76	Z	10.211	10.211	0	%100
19	M77	X	-24.018	-24.018	0	%100
20	M77	Z	13.867	13.867	0	%100
21	M80	X	-25.298	-25.298	0	%100
22	M80	Z	14.606	14.606	0	%100
23	M84	X	-17.686	-17.686	0	%100
24	M84	Z	10.211	10.211	0	%100
25	M85	X	-6.005	-6.005	0	%100
26	M85	Z	3.467	3.467	0	%100
27	M91	X	-6.324	-6.324	0	%100
28	M91	Z	3.651	3.651	0	%100
29	M52A	X	0	0	0	%100
30	M52A	Z	0	0	0	%100
31	M53	X	-11.823	-11.823	0	%100
32	M53	Z	6.826	6.826	0	%100
33	M54	X	-11.823	-11.823	0	%100
34	M54	Z	6.826	6.826	0	%100
35	M55	X	-23.582	-23.582	0	%100
36	M55	Z	13.615	13.615	0	%100
37	M58A	X	-3.274	-3.274	0	%100
38	M58A	Z	1.89	1.89	0	%100
39	M59A	X	-3.274	-3.274	0	%100
40	M59A	Z	1.89	1.89	0	%100
41	M63	X	0	0	0	%100
42	M63	Z	0	0	0	%100
43	M64	X	-6.005	-6.005	0	%100
44	M64	Z	3.467	3.467	0	%100
45	M66	X	-6.324	-6.324	0	%100
46	M66	Z	3.651	3.651	0	%100
47	M68	X	0	0	0	%100
48	M68	Z	0	0	0	%100
49	M69	X	-6.005	-6.005	0	%100
50	M69	Z	3.467	3.467	0	%100
51	M71	X	-6.324	-6.324	0	%100
52	M71	Z	3.651	3.651	0	%100
53	M76A	X	-10.479	-10.479	0	%100
54	M76A	Z	6.05	6.05	0	%100
55	M77A	X	-2.956	-2.956	0	%100
56	M77A	Z	1.706	1.706	0	%100
57	M78	X	-2.956	-2.956	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
58	M78	Z	1.706	1.706	0	%100
59	M79A	X	-5.895	-5.895	0	%100
60	M79A	Z	3.404	3.404	0	%100
61	M82	X	-3.274	-3.274	0	%100
62	M82	Z	1.89	1.89	0	%100
63	M83A	X	-13.094	-13.094	0	%100
64	M83A	Z	7.56	7.56	0	%100
65	M87	X	-17.686	-17.686	0	%100
66	M87	Z	10.211	10.211	0	%100
67	M88A	X	-6.005	-6.005	0	%100
68	M88A	Z	3.467	3.467	0	%100
69	M90	X	-6.324	-6.324	0	%100
70	M90	Z	3.651	3.651	0	%100
71	M92A	X	-17.686	-17.686	0	%100
72	M92A	Z	10.211	10.211	0	%100
73	M93	X	-24.018	-24.018	0	%100
74	M93	Z	13.867	13.867	0	%100
75	M95	X	-25.298	-25.298	0	%100
76	M95	Z	14.606	14.606	0	%100
77	M82A	X	-12.774	-12.774	0	%100
78	M82A	Z	7.375	7.375	0	%100
79	M91B	X	-3.193	-3.193	0	%100
80	M91B	Z	1.844	1.844	0	%100
81	M100	X	-2.334	-2.334	0	%100
82	M100	Z	1.347	1.347	0	%100
83	MP2A	X	-9.032	-9.032	0	%100
84	MP2A	Z	5.214	5.214	0	%100
85	MP3A	X	-9.032	-9.032	0	%100
86	MP3A	Z	5.214	5.214	0	%100
87	MP4A	X	-9.032	-9.032	0	%100
88	MP4A	Z	5.214	5.214	0	%100
89	MP1C	X	-9.032	-9.032	0	%100
90	MP1C	Z	5.214	5.214	0	%100
91	M91C	X	-9.334	-9.334	0	%100
92	M91C	Z	5.389	5.389	0	%100
93	MP2C	X	-9.032	-9.032	0	%100
94	MP2C	Z	5.214	5.214	0	%100
95	MP3C	X	-9.032	-9.032	0	%100
96	MP3C	Z	5.214	5.214	0	%100
97	MP4C	X	-9.032	-9.032	0	%100
98	MP4C	Z	5.214	5.214	0	%100
99	MP1B	X	-9.032	-9.032	0	%100
100	MP1B	Z	5.214	5.214	0	%100
101	M104	X	-2.334	-2.334	0	%100
102	M104	Z	1.347	1.347	0	%100
103	MP2B	X	-9.032	-9.032	0	%100
104	MP2B	Z	5.214	5.214	0	%100
105	MP3B	X	-9.032	-9.032	0	%100
106	MP3B	Z	5.214	5.214	0	%100
107	MP4B	X	-9.032	-9.032	0	%100
108	MP4B	Z	5.214	5.214	0	%100
109	M118	X	-11.76	-11.76	0	%100
110	M118	Z	6.789	6.789	0	%100
111	M118A	X	-2.94	-2.94	0	%100
112	M118A	Z	1.697	1.697	0	%100
113	M121	X	-2.94	-2.94	0	%100
114	M121	Z	1.697	1.697	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	RAY	X	-16.134	-16.134	0	%100
4	RAY	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	-10.778	-10.778	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	-11.34	-11.34	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-11.34	-11.34	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-27.23	-27.23	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	-20.801	-20.801	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	-21.909	-21.909	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-27.23	-27.23	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	-20.801	-20.801	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	-21.909	-21.909	0	%100
28	M91	Z	0	0	0	%100
29	M52A	X	-4.033	-4.033	0	%100
30	M52A	Z	0	0	0	%100
31	M53	X	-10.239	-10.239	0	%100
32	M53	Z	0	0	0	%100
33	M54	X	-10.239	-10.239	0	%100
34	M54	Z	0	0	0	%100
35	M55	X	-20.422	-20.422	0	%100
36	M55	Z	0	0	0	%100
37	M58A	X	-11.34	-11.34	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	0	0	0	%100
41	M63	X	-6.807	-6.807	0	%100
42	M63	Z	0	0	0	%100
43	M64	X	-20.8	-20.8	0	%100
44	M64	Z	0	0	0	%100
45	M66	X	-21.909	-21.909	0	%100
46	M66	Z	0	0	0	%100
47	M68	X	-6.807	-6.807	0	%100
48	M68	Z	0	0	0	%100
49	M69	X	0	0	0	%100
50	M69	Z	0	0	0	%100
51	M71	X	0	0	0	%100
52	M71	Z	0	0	0	%100
53	M76A	X	-4.033	-4.033	0	%100
54	M76A	Z	0	0	0	%100
55	M77A	X	-10.239	-10.239	0	%100
56	M77A	Z	0	0	0	%100
57	M78	X	-10.239	-10.239	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
58	M78	Z	0	0	0	%100
59	M79A	X	-20.422	-20.422	0	%100
60	M79A	Z	0	0	0	%100
61	M82	X	0	0	0	%100
62	M82	Z	0	0	0	%100
63	M83A	X	-11.34	-11.34	0	%100
64	M83A	Z	0	0	0	%100
65	M87	X	-6.807	-6.807	0	%100
66	M87	Z	0	0	0	%100
67	M88A	X	0	0	0	%100
68	M88A	Z	0	0	0	%100
69	M90	X	0	0	0	%100
70	M90	Z	0	0	0	%100
71	M92A	X	-6.807	-6.807	0	%100
72	M92A	Z	0	0	0	%100
73	M93	X	-20.801	-20.801	0	%100
74	M93	Z	0	0	0	%100
75	M95	X	-21.909	-21.909	0	%100
76	M95	Z	0	0	0	%100
77	M82A	X	-11.063	-11.063	0	%100
78	M82A	Z	0	0	0	%100
79	M91B	X	-11.063	-11.063	0	%100
80	M91B	Z	0	0	0	%100
81	M100	X	0	0	0	%100
82	M100	Z	0	0	0	%100
83	MP2A	X	-10.778	-10.778	0	%100
84	MP2A	Z	0	0	0	%100
85	MP3A	X	-10.778	-10.778	0	%100
86	MP3A	Z	0	0	0	%100
87	MP4A	X	-10.778	-10.778	0	%100
88	MP4A	Z	0	0	0	%100
89	MP1C	X	-10.778	-10.778	0	%100
90	MP1C	Z	0	0	0	%100
91	M91C	X	-8.084	-8.084	0	%100
92	M91C	Z	0	0	0	%100
93	MP2C	X	-10.778	-10.778	0	%100
94	MP2C	Z	0	0	0	%100
95	MP3C	X	-10.778	-10.778	0	%100
96	MP3C	Z	0	0	0	%100
97	MP4C	X	-10.778	-10.778	0	%100
98	MP4C	Z	0	0	0	%100
99	MP1B	X	-10.778	-10.778	0	%100
100	MP1B	Z	0	0	0	%100
101	M104	X	-8.084	-8.084	0	%100
102	M104	Z	0	0	0	%100
103	MP2B	X	-10.778	-10.778	0	%100
104	MP2B	Z	0	0	0	%100
105	MP3B	X	-10.778	-10.778	0	%100
106	MP3B	Z	0	0	0	%100
107	MP4B	X	-10.778	-10.778	0	%100
108	MP4B	Z	0	0	0	%100
109	M118	X	-10.184	-10.184	0	%100
110	M118	Z	0	0	0	%100
111	M118A	X	-10.184	-10.184	0	%100
112	M118A	Z	0	0	0	%100
113	M121	X	0	0	0	%100
114	M121	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[l...	Start Location[in,..	End Location[in,...
1	M1	X	-3.193	-3.193	0	%100
2	M1	Z	-1.844	-1.844	0	%100
3	RAY	X	-10.479	-10.479	0	%100
4	RAY	Z	-6.05	-6.05	0	%100
5	M10	X	-2.956	-2.956	0	%100
6	M10	Z	-1.706	-1.706	0	%100
7	MP1A	X	-9.032	-9.032	0	%100
8	MP1A	Z	-5.214	-5.214	0	%100
9	M43	X	-2.956	-2.956	0	%100
10	M43	Z	-1.706	-1.706	0	%100
11	M46	X	-5.895	-5.895	0	%100
12	M46	Z	-3.404	-3.404	0	%100
13	M51B	X	-3.274	-3.274	0	%100
14	M51B	Z	-1.89	-1.89	0	%100
15	M52B	X	-13.094	-13.094	0	%100
16	M52B	Z	-7.56	-7.56	0	%100
17	M76	X	-17.686	-17.686	0	%100
18	M76	Z	-10.211	-10.211	0	%100
19	M77	X	-6.005	-6.005	0	%100
20	M77	Z	-3.467	-3.467	0	%100
21	M80	X	-6.324	-6.324	0	%100
22	M80	Z	-3.651	-3.651	0	%100
23	M84	X	-17.686	-17.686	0	%100
24	M84	Z	-10.211	-10.211	0	%100
25	M85	X	-24.018	-24.018	0	%100
26	M85	Z	-13.867	-13.867	0	%100
27	M91	X	-25.298	-25.298	0	%100
28	M91	Z	-14.606	-14.606	0	%100
29	M52A	X	-10.479	-10.479	0	%100
30	M52A	Z	-6.05	-6.05	0	%100
31	M53	X	-2.956	-2.956	0	%100
32	M53	Z	-1.706	-1.706	0	%100
33	M54	X	-2.956	-2.956	0	%100
34	M54	Z	-1.706	-1.706	0	%100
35	M55	X	-5.895	-5.895	0	%100
36	M55	Z	-3.404	-3.404	0	%100
37	M58A	X	-13.094	-13.094	0	%100
38	M58A	Z	-7.56	-7.56	0	%100
39	M59A	X	-3.274	-3.274	0	%100
40	M59A	Z	-1.89	-1.89	0	%100
41	M63	X	-17.686	-17.686	0	%100
42	M63	Z	-10.211	-10.211	0	%100
43	M64	X	-24.018	-24.018	0	%100
44	M64	Z	-13.867	-13.867	0	%100
45	M66	X	-25.298	-25.298	0	%100
46	M66	Z	-14.606	-14.606	0	%100
47	M68	X	-17.686	-17.686	0	%100
48	M68	Z	-10.211	-10.211	0	%100
49	M69	X	-6.005	-6.005	0	%100
50	M69	Z	-3.467	-3.467	0	%100
51	M71	X	-6.324	-6.324	0	%100
52	M71	Z	-3.651	-3.651	0	%100
53	M76A	X	0	0	0	%100
54	M76A	Z	0	0	0	%100
55	M77A	X	-11.823	-11.823	0	%100
56	M77A	Z	-6.826	-6.826	0	%100
57	M78	X	-11.823	-11.823	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
58	M78	Z	-6.826	-6.826	0	%100
59	M79A	X	-23.582	-23.582	0	%100
60	M79A	Z	-13.615	-13.615	0	%100
61	M82	X	-3.274	-3.274	0	%100
62	M82	Z	-1.89	-1.89	0	%100
63	M83A	X	-3.274	-3.274	0	%100
64	M83A	Z	-1.89	-1.89	0	%100
65	M87	X	0	0	0	%100
66	M87	Z	0	0	0	%100
67	M88A	X	-6.005	-6.005	0	%100
68	M88A	Z	-3.467	-3.467	0	%100
69	M90	X	-6.324	-6.324	0	%100
70	M90	Z	-3.651	-3.651	0	%100
71	M92A	X	0	0	0	%100
72	M92A	Z	0	0	0	%100
73	M93	X	-6.005	-6.005	0	%100
74	M93	Z	-3.467	-3.467	0	%100
75	M95	X	-6.324	-6.324	0	%100
76	M95	Z	-3.651	-3.651	0	%100
77	M82A	X	-3.193	-3.193	0	%100
78	M82A	Z	-1.844	-1.844	0	%100
79	M91B	X	-12.774	-12.774	0	%100
80	M91B	Z	-7.375	-7.375	0	%100
81	M100	X	-2.334	-2.334	0	%100
82	M100	Z	-1.347	-1.347	0	%100
83	MP2A	X	-9.032	-9.032	0	%100
84	MP2A	Z	-5.214	-5.214	0	%100
85	MP3A	X	-9.032	-9.032	0	%100
86	MP3A	Z	-5.214	-5.214	0	%100
87	MP4A	X	-9.032	-9.032	0	%100
88	MP4A	Z	-5.214	-5.214	0	%100
89	MP1C	X	-9.032	-9.032	0	%100
90	MP1C	Z	-5.214	-5.214	0	%100
91	M91C	X	-2.334	-2.334	0	%100
92	M91C	Z	-1.347	-1.347	0	%100
93	MP2C	X	-9.032	-9.032	0	%100
94	MP2C	Z	-5.214	-5.214	0	%100
95	MP3C	X	-9.032	-9.032	0	%100
96	MP3C	Z	-5.214	-5.214	0	%100
97	MP4C	X	-9.032	-9.032	0	%100
98	MP4C	Z	-5.214	-5.214	0	%100
99	MP1B	X	-9.032	-9.032	0	%100
100	MP1B	Z	-5.214	-5.214	0	%100
101	M104	X	-9.334	-9.334	0	%100
102	M104	Z	-5.389	-5.389	0	%100
103	MP2B	X	-9.032	-9.032	0	%100
104	MP2B	Z	-5.214	-5.214	0	%100
105	MP3B	X	-9.032	-9.032	0	%100
106	MP3B	Z	-5.214	-5.214	0	%100
107	MP4B	X	-9.032	-9.032	0	%100
108	MP4B	Z	-5.214	-5.214	0	%100
109	M118	X	-2.94	-2.94	0	%100
110	M118	Z	-1.697	-1.697	0	%100
111	M118A	X	-11.76	-11.76	0	%100
112	M118A	Z	-6.789	-6.789	0	%100
113	M121	X	-2.94	-2.94	0	%100
114	M121	Z	-1.697	-1.697	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	-5.531	-5.531	0	%100
2	M1	Z	-9.58	-9.58	0	%100
3	RAY	X	-2.017	-2.017	0	%100
4	RAY	Z	-3.493	-3.493	0	%100
5	M10	X	-5.119	-5.119	0	%100
6	M10	Z	-8.867	-8.867	0	%100
7	MP1A	X	-4.865	-4.865	0	%100
8	MP1A	Z	-8.427	-8.427	0	%100
9	M43	X	-5.119	-5.119	0	%100
10	M43	Z	-8.867	-8.867	0	%100
11	M46	X	-10.211	-10.211	0	%100
12	M46	Z	-17.686	-17.686	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-5.67	-5.67	0	%100
16	M52B	Z	-9.821	-9.821	0	%100
17	M76	X	-3.404	-3.404	0	%100
18	M76	Z	-5.895	-5.895	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-3.404	-3.404	0	%100
24	M84	Z	-5.895	-5.895	0	%100
25	M85	X	-10.4	-10.4	0	%100
26	M85	Z	-18.014	-18.014	0	%100
27	M91	X	-10.954	-10.954	0	%100
28	M91	Z	-18.973	-18.973	0	%100
29	M52A	X	-8.067	-8.067	0	%100
30	M52A	Z	-13.972	-13.972	0	%100
31	M53	X	0	0	0	%100
32	M53	Z	0	0	0	%100
33	M54	X	0	0	0	%100
34	M54	Z	0	0	0	%100
35	M55	X	0	0	0	%100
36	M55	Z	0	0	0	%100
37	M58A	X	-5.67	-5.67	0	%100
38	M58A	Z	-9.821	-9.821	0	%100
39	M59A	X	-5.67	-5.67	0	%100
40	M59A	Z	-9.821	-9.821	0	%100
41	M63	X	-13.615	-13.615	0	%100
42	M63	Z	-23.582	-23.582	0	%100
43	M64	X	-10.4	-10.4	0	%100
44	M64	Z	-18.014	-18.014	0	%100
45	M66	X	-10.954	-10.954	0	%100
46	M66	Z	-18.973	-18.973	0	%100
47	M68	X	-13.615	-13.615	0	%100
48	M68	Z	-23.582	-23.582	0	%100
49	M69	X	-10.4	-10.4	0	%100
50	M69	Z	-18.014	-18.014	0	%100
51	M71	X	-10.954	-10.954	0	%100
52	M71	Z	-18.973	-18.973	0	%100
53	M76A	X	-2.017	-2.017	0	%100
54	M76A	Z	-3.493	-3.493	0	%100
55	M77A	X	-5.119	-5.119	0	%100
56	M77A	Z	-8.867	-8.867	0	%100
57	M78	X	-5.119	-5.119	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
58	M78	Z	-8.867	-8.867	0	%100
59	M79A	X	-10.211	-10.211	0	%100
60	M79A	Z	-17.686	-17.686	0	%100
61	M82	X	-5.67	-5.67	0	%100
62	M82	Z	-9.821	-9.821	0	%100
63	M83A	X	0	0	0	%100
64	M83A	Z	0	0	0	%100
65	M87	X	-3.404	-3.404	0	%100
66	M87	Z	-5.895	-5.895	0	%100
67	M88A	X	-10.4	-10.4	0	%100
68	M88A	Z	-18.014	-18.014	0	%100
69	M90	X	-10.954	-10.954	0	%100
70	M90	Z	-18.973	-18.973	0	%100
71	M92A	X	-3.404	-3.404	0	%100
72	M92A	Z	-5.895	-5.895	0	%100
73	M93	X	0	0	0	%100
74	M93	Z	0	0	0	%100
75	M95	X	0	0	0	%100
76	M95	Z	0	0	0	%100
77	M82A	X	0	0	0	%100
78	M82A	Z	0	0	0	%100
79	M91B	X	-5.531	-5.531	0	%100
80	M91B	Z	-9.58	-9.58	0	%100
81	M100	X	-4.042	-4.042	0	%100
82	M100	Z	-7.001	-7.001	0	%100
83	MP2A	X	-4.865	-4.865	0	%100
84	MP2A	Z	-8.427	-8.427	0	%100
85	MP3A	X	-4.865	-4.865	0	%100
86	MP3A	Z	-8.427	-8.427	0	%100
87	MP4A	X	-4.865	-4.865	0	%100
88	MP4A	Z	-8.427	-8.427	0	%100
89	MP1C	X	-4.865	-4.865	0	%100
90	MP1C	Z	-8.427	-8.427	0	%100
91	M91C	X	0	0	0	%100
92	M91C	Z	0	0	0	%100
93	MP2C	X	-4.865	-4.865	0	%100
94	MP2C	Z	-8.427	-8.427	0	%100
95	MP3C	X	-4.865	-4.865	0	%100
96	MP3C	Z	-8.427	-8.427	0	%100
97	MP4C	X	-4.865	-4.865	0	%100
98	MP4C	Z	-8.427	-8.427	0	%100
99	MP1B	X	-4.865	-4.865	0	%100
100	MP1B	Z	-8.427	-8.427	0	%100
101	M104	X	-4.042	-4.042	0	%100
102	M104	Z	-7.001	-7.001	0	%100
103	MP2B	X	-4.865	-4.865	0	%100
104	MP2B	Z	-8.427	-8.427	0	%100
105	MP3B	X	-4.865	-4.865	0	%100
106	MP3B	Z	-8.427	-8.427	0	%100
107	MP4B	X	-4.865	-4.865	0	%100
108	MP4B	Z	-8.427	-8.427	0	%100
109	M118	X	0	0	0	%100
110	M118	Z	0	0	0	%100
111	M118A	X	-5.092	-5.092	0	%100
112	M118A	Z	-8.82	-8.82	0	%100
113	M121	X	-5.092	-5.092	0	%100
114	M121	Z	-8.82	-8.82	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	0	0	0	%100
2	M1	Z	-4.367	-4.367	0	%100
3	RAY	X	0	0	0	%100
4	RAY	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-3.588	-3.588	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	-3.293	-3.293	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	-3.588	-3.588	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	-5.607	-5.607	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	-1.032	-1.032	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	-1.032	-1.032	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	-1.4	-1.4	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	-1.461	-1.461	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	-1.4	-1.4	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	-1.461	-1.461	0	%100
29	M52A	X	0	0	0	%100
30	M52A	Z	-3.307	-3.307	0	%100
31	M53	X	0	0	0	%100
32	M53	Z	-.897	-.897	0	%100
33	M54	X	0	0	0	%100
34	M54	Z	-.897	-.897	0	%100
35	M55	X	0	0	0	%100
36	M55	Z	-1.402	-1.402	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	-1.032	-1.032	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	-4.128	-4.128	0	%100
41	M63	X	0	0	0	%100
42	M63	Z	-4.137	-4.137	0	%100
43	M64	X	0	0	0	%100
44	M64	Z	-1.4	-1.4	0	%100
45	M66	X	0	0	0	%100
46	M66	Z	-1.461	-1.461	0	%100
47	M68	X	0	0	0	%100
48	M68	Z	-4.137	-4.137	0	%100
49	M69	X	0	0	0	%100
50	M69	Z	-5.6	-5.6	0	%100
51	M71	X	0	0	0	%100
52	M71	Z	-5.844	-5.844	0	%100
53	M76A	X	0	0	0	%100
54	M76A	Z	-3.307	-3.307	0	%100
55	M77A	X	0	0	0	%100
56	M77A	Z	-.897	-.897	0	%100
57	M78	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[l...	Start Location[in,..	End Location[in,...
58	M78	Z	-.897	-.897	0	%100
59	M79A	X	0	0	0	%100
60	M79A	Z	-1.402	-1.402	0	%100
61	M82	X	0	0	0	%100
62	M82	Z	-4.128	-4.128	0	%100
63	M83A	X	0	0	0	%100
64	M83A	Z	-1.032	-1.032	0	%100
65	M87	X	0	0	0	%100
66	M87	Z	-4.137	-4.137	0	%100
67	M88A	X	0	0	0	%100
68	M88A	Z	-5.6	-5.6	0	%100
69	M90	X	0	0	0	%100
70	M90	Z	-5.844	-5.844	0	%100
71	M92A	X	0	0	0	%100
72	M92A	Z	-4.137	-4.137	0	%100
73	M93	X	0	0	0	%100
74	M93	Z	-1.4	-1.4	0	%100
75	M95	X	0	0	0	%100
76	M95	Z	-1.461	-1.461	0	%100
77	M82A	X	0	0	0	%100
78	M82A	Z	-1.092	-1.092	0	%100
79	M91B	X	0	0	0	%100
80	M91B	Z	-1.092	-1.092	0	%100
81	M100	X	0	0	0	%100
82	M100	Z	-3.524	-3.524	0	%100
83	MP2A	X	0	0	0	%100
84	MP2A	Z	-3.293	-3.293	0	%100
85	MP3A	X	0	0	0	%100
86	MP3A	Z	-3.293	-3.293	0	%100
87	MP4A	X	0	0	0	%100
88	MP4A	Z	-3.293	-3.293	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	-3.293	-3.293	0	%100
91	M91C	X	0	0	0	%100
92	M91C	Z	-.881	-.881	0	%100
93	MP2C	X	0	0	0	%100
94	MP2C	Z	-3.293	-3.293	0	%100
95	MP3C	X	0	0	0	%100
96	MP3C	Z	-3.293	-3.293	0	%100
97	MP4C	X	0	0	0	%100
98	MP4C	Z	-3.293	-3.293	0	%100
99	MP1B	X	0	0	0	%100
100	MP1B	Z	-3.293	-3.293	0	%100
101	M104	X	0	0	0	%100
102	M104	Z	-.881	-.881	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	-3.293	-3.293	0	%100
105	MP3B	X	0	0	0	%100
106	MP3B	Z	-3.293	-3.293	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	-3.293	-3.293	0	%100
109	M118	X	0	0	0	%100
110	M118	Z	-.865	-.865	0	%100
111	M118A	X	0	0	0	%100
112	M118A	Z	-.865	-.865	0	%100
113	M121	X	0	0	0	%100
114	M121	Z	-3.461	-3.461	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	1.638	1.638	0	%100
2	M1	Z	-2.837	-2.837	0	%100
3	RAY	X	.551	.551	0	%100
4	RAY	Z	-.955	-.955	0	%100
5	M10	X	1.345	1.345	0	%100
6	M10	Z	-2.33	-2.33	0	%100
7	MP1A	X	1.675	1.675	0	%100
8	MP1A	Z	-2.902	-2.902	0	%100
9	M43	X	1.345	1.345	0	%100
10	M43	Z	-2.33	-2.33	0	%100
11	M46	X	2.103	2.103	0	%100
12	M46	Z	-3.642	-3.642	0	%100
13	M51B	X	1.548	1.548	0	%100
14	M51B	Z	-2.681	-2.681	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	.69	.69	0	%100
18	M76	Z	-1.194	-1.194	0	%100
19	M77	X	2.1	2.1	0	%100
20	M77	Z	-3.637	-3.637	0	%100
21	M80	X	2.191	2.191	0	%100
22	M80	Z	-3.796	-3.796	0	%100
23	M84	X	.69	.69	0	%100
24	M84	Z	-1.194	-1.194	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	M52A	X	.551	.551	0	%100
30	M52A	Z	-.955	-.955	0	%100
31	M53	X	1.345	1.345	0	%100
32	M53	Z	-2.33	-2.33	0	%100
33	M54	X	1.345	1.345	0	%100
34	M54	Z	-2.33	-2.33	0	%100
35	M55	X	2.103	2.103	0	%100
36	M55	Z	-3.642	-3.642	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	1.548	1.548	0	%100
40	M59A	Z	-2.681	-2.681	0	%100
41	M63	X	.69	.69	0	%100
42	M63	Z	-1.194	-1.194	0	%100
43	M64	X	0	0	0	%100
44	M64	Z	0	0	0	%100
45	M66	X	0	0	0	%100
46	M66	Z	0	0	0	%100
47	M68	X	.69	.69	0	%100
48	M68	Z	-1.194	-1.194	0	%100
49	M69	X	2.1	2.1	0	%100
50	M69	Z	-3.637	-3.637	0	%100
51	M71	X	2.191	2.191	0	%100
52	M71	Z	-3.796	-3.796	0	%100
53	M76A	X	2.204	2.204	0	%100
54	M76A	Z	-3.818	-3.818	0	%100
55	M77A	X	0	0	0	%100
56	M77A	Z	0	0	0	%100
57	M78	X	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[l...	Start Location[in,..	End Location[in,...
58	M78	Z	0	0	0	%100
59	M79A	X	0	0	0	%100
60	M79A	Z	0	0	0	%100
61	M82	X	1.548	1.548	0	%100
62	M82	Z	-2.681	-2.681	0	%100
63	M83A	X	1.548	1.548	0	%100
64	M83A	Z	-2.681	-2.681	0	%100
65	M87	X	2.758	2.758	0	%100
66	M87	Z	-4.777	-4.777	0	%100
67	M88A	X	2.1	2.1	0	%100
68	M88A	Z	-3.637	-3.637	0	%100
69	M90	X	2.191	2.191	0	%100
70	M90	Z	-3.796	-3.796	0	%100
71	M92A	X	2.758	2.758	0	%100
72	M92A	Z	-4.777	-4.777	0	%100
73	M93	X	2.1	2.1	0	%100
74	M93	Z	-3.637	-3.637	0	%100
75	M95	X	2.191	2.191	0	%100
76	M95	Z	-3.796	-3.796	0	%100
77	M82A	X	1.638	1.638	0	%100
78	M82A	Z	-2.837	-2.837	0	%100
79	M91B	X	0	0	0	%100
80	M91B	Z	0	0	0	%100
81	M100	X	1.321	1.321	0	%100
82	M100	Z	-2.289	-2.289	0	%100
83	MP2A	X	1.675	1.675	0	%100
84	MP2A	Z	-2.902	-2.902	0	%100
85	MP3A	X	1.675	1.675	0	%100
86	MP3A	Z	-2.902	-2.902	0	%100
87	MP4A	X	1.675	1.675	0	%100
88	MP4A	Z	-2.902	-2.902	0	%100
89	MP1C	X	1.675	1.675	0	%100
90	MP1C	Z	-2.902	-2.902	0	%100
91	M91C	X	1.321	1.321	0	%100
92	M91C	Z	-2.289	-2.289	0	%100
93	MP2C	X	1.675	1.675	0	%100
94	MP2C	Z	-2.902	-2.902	0	%100
95	MP3C	X	1.675	1.675	0	%100
96	MP3C	Z	-2.902	-2.902	0	%100
97	MP4C	X	1.675	1.675	0	%100
98	MP4C	Z	-2.902	-2.902	0	%100
99	MP1B	X	1.675	1.675	0	%100
100	MP1B	Z	-2.902	-2.902	0	%100
101	M104	X	0	0	0	%100
102	M104	Z	0	0	0	%100
103	MP2B	X	1.675	1.675	0	%100
104	MP2B	Z	-2.902	-2.902	0	%100
105	MP3B	X	1.675	1.675	0	%100
106	MP3B	Z	-2.902	-2.902	0	%100
107	MP4B	X	1.675	1.675	0	%100
108	MP4B	Z	-2.902	-2.902	0	%100
109	M118	X	1.298	1.298	0	%100
110	M118	Z	-2.248	-2.248	0	%100
111	M118A	X	0	0	0	%100
112	M118A	Z	0	0	0	%100
113	M121	X	1.298	1.298	0	%100
114	M121	Z	-2.248	-2.248	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	.946	.946	0	%100
2	M1	Z	-.546	-.546	0	%100
3	RAY	X	2.864	2.864	0	%100
4	RAY	Z	-1.653	-1.653	0	%100
5	M10	X	.777	.777	0	%100
6	M10	Z	-.448	-.448	0	%100
7	MP1A	X	3.002	3.002	0	%100
8	MP1A	Z	-1.733	-1.733	0	%100
9	M43	X	.777	.777	0	%100
10	M43	Z	-.448	-.448	0	%100
11	M46	X	1.214	1.214	0	%100
12	M46	Z	-.701	-.701	0	%100
13	M51B	X	3.575	3.575	0	%100
14	M51B	Z	-2.064	-2.064	0	%100
15	M52B	X	.894	.894	0	%100
16	M52B	Z	-.516	-.516	0	%100
17	M76	X	3.583	3.583	0	%100
18	M76	Z	-2.069	-2.069	0	%100
19	M77	X	4.849	4.849	0	%100
20	M77	Z	-2.8	-2.8	0	%100
21	M80	X	5.061	5.061	0	%100
22	M80	Z	-2.922	-2.922	0	%100
23	M84	X	3.583	3.583	0	%100
24	M84	Z	-2.069	-2.069	0	%100
25	M85	X	1.212	1.212	0	%100
26	M85	Z	-.7	-.7	0	%100
27	M91	X	1.265	1.265	0	%100
28	M91	Z	-.73	-.73	0	%100
29	M52A	X	0	0	0	%100
30	M52A	Z	0	0	0	%100
31	M53	X	3.107	3.107	0	%100
32	M53	Z	-1.794	-1.794	0	%100
33	M54	X	3.107	3.107	0	%100
34	M54	Z	-1.794	-1.794	0	%100
35	M55	X	4.856	4.856	0	%100
36	M55	Z	-2.804	-2.804	0	%100
37	M58A	X	.894	.894	0	%100
38	M58A	Z	-.516	-.516	0	%100
39	M59A	X	.894	.894	0	%100
40	M59A	Z	-.516	-.516	0	%100
41	M63	X	0	0	0	%100
42	M63	Z	0	0	0	%100
43	M64	X	1.212	1.212	0	%100
44	M64	Z	-.7	-.7	0	%100
45	M66	X	1.265	1.265	0	%100
46	M66	Z	-.73	-.73	0	%100
47	M68	X	0	0	0	%100
48	M68	Z	0	0	0	%100
49	M69	X	1.212	1.212	0	%100
50	M69	Z	-.7	-.7	0	%100
51	M71	X	1.265	1.265	0	%100
52	M71	Z	-.73	-.73	0	%100
53	M76A	X	2.864	2.864	0	%100
54	M76A	Z	-1.653	-1.653	0	%100
55	M77A	X	.777	.777	0	%100
56	M77A	Z	-.448	-.448	0	%100
57	M78	X	.777	.777	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
58	M78	Z	-.448	-.448	0	%100
59	M79A	X	1.214	1.214	0	%100
60	M79A	Z	-.701	-.701	0	%100
61	M82	X	.894	.894	0	%100
62	M82	Z	-.516	-.516	0	%100
63	M83A	X	3.575	3.575	0	%100
64	M83A	Z	-2.064	-2.064	0	%100
65	M87	X	3.583	3.583	0	%100
66	M87	Z	-2.069	-2.069	0	%100
67	M88A	X	1.212	1.212	0	%100
68	M88A	Z	-.7	-.7	0	%100
69	M90	X	1.265	1.265	0	%100
70	M90	Z	-.73	-.73	0	%100
71	M92A	X	3.583	3.583	0	%100
72	M92A	Z	-2.069	-2.069	0	%100
73	M93	X	4.849	4.849	0	%100
74	M93	Z	-2.8	-2.8	0	%100
75	M95	X	5.061	5.061	0	%100
76	M95	Z	-2.922	-2.922	0	%100
77	M82A	X	3.782	3.782	0	%100
78	M82A	Z	-2.184	-2.184	0	%100
79	M91B	X	.946	.946	0	%100
80	M91B	Z	-.546	-.546	0	%100
81	M100	X	.763	.763	0	%100
82	M100	Z	-.44	-.44	0	%100
83	MP2A	X	3.002	3.002	0	%100
84	MP2A	Z	-1.733	-1.733	0	%100
85	MP3A	X	3.002	3.002	0	%100
86	MP3A	Z	-1.733	-1.733	0	%100
87	MP4A	X	3.002	3.002	0	%100
88	MP4A	Z	-1.733	-1.733	0	%100
89	MP1C	X	3.002	3.002	0	%100
90	MP1C	Z	-1.733	-1.733	0	%100
91	M91C	X	3.052	3.052	0	%100
92	M91C	Z	-1.762	-1.762	0	%100
93	MP2C	X	3.002	3.002	0	%100
94	MP2C	Z	-1.733	-1.733	0	%100
95	MP3C	X	3.002	3.002	0	%100
96	MP3C	Z	-1.733	-1.733	0	%100
97	MP4C	X	3.002	3.002	0	%100
98	MP4C	Z	-1.733	-1.733	0	%100
99	MP1B	X	3.002	3.002	0	%100
100	MP1B	Z	-1.733	-1.733	0	%100
101	M104	X	.763	.763	0	%100
102	M104	Z	-.44	-.44	0	%100
103	MP2B	X	3.002	3.002	0	%100
104	MP2B	Z	-1.733	-1.733	0	%100
105	MP3B	X	3.002	3.002	0	%100
106	MP3B	Z	-1.733	-1.733	0	%100
107	MP4B	X	3.002	3.002	0	%100
108	MP4B	Z	-1.733	-1.733	0	%100
109	M118	X	2.997	2.997	0	%100
110	M118	Z	-1.73	-1.73	0	%100
111	M118A	X	.749	.749	0	%100
112	M118A	Z	-.433	-.433	0	%100
113	M121	X	.749	.749	0	%100
114	M121	Z	-.433	-.433	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	RAY	X	4.409	4.409	0	%100
4	RAY	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	3.524	3.524	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	3.096	3.096	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	3.096	3.096	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	5.516	5.516	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	4.2	4.2	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	4.383	4.383	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	5.516	5.516	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	4.2	4.2	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	4.383	4.383	0	%100
28	M91	Z	0	0	0	%100
29	M52A	X	1.102	1.102	0	%100
30	M52A	Z	0	0	0	%100
31	M53	X	2.691	2.691	0	%100
32	M53	Z	0	0	0	%100
33	M54	X	2.691	2.691	0	%100
34	M54	Z	0	0	0	%100
35	M55	X	4.206	4.206	0	%100
36	M55	Z	0	0	0	%100
37	M58A	X	3.096	3.096	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	0	0	0	%100
41	M63	X	1.379	1.379	0	%100
42	M63	Z	0	0	0	%100
43	M64	X	4.2	4.2	0	%100
44	M64	Z	0	0	0	%100
45	M66	X	4.383	4.383	0	%100
46	M66	Z	0	0	0	%100
47	M68	X	1.379	1.379	0	%100
48	M68	Z	0	0	0	%100
49	M69	X	0	0	0	%100
50	M69	Z	0	0	0	%100
51	M71	X	0	0	0	%100
52	M71	Z	0	0	0	%100
53	M76A	X	1.102	1.102	0	%100
54	M76A	Z	0	0	0	%100
55	M77A	X	2.691	2.691	0	%100
56	M77A	Z	0	0	0	%100
57	M78	X	2.691	2.691	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
58	M78	Z	0	0	0	%100
59	M79A	X	4.206	4.206	0	%100
60	M79A	Z	0	0	0	%100
61	M82	X	0	0	0	%100
62	M82	Z	0	0	0	%100
63	M83A	X	3.096	3.096	0	%100
64	M83A	Z	0	0	0	%100
65	M87	X	1.379	1.379	0	%100
66	M87	Z	0	0	0	%100
67	M88A	X	0	0	0	%100
68	M88A	Z	0	0	0	%100
69	M90	X	0	0	0	%100
70	M90	Z	0	0	0	%100
71	M92A	X	1.379	1.379	0	%100
72	M92A	Z	0	0	0	%100
73	M93	X	4.2	4.2	0	%100
74	M93	Z	0	0	0	%100
75	M95	X	4.383	4.383	0	%100
76	M95	Z	0	0	0	%100
77	M82A	X	3.276	3.276	0	%100
78	M82A	Z	0	0	0	%100
79	M91B	X	3.276	3.276	0	%100
80	M91B	Z	0	0	0	%100
81	M100	X	0	0	0	%100
82	M100	Z	0	0	0	%100
83	MP2A	X	3.524	3.524	0	%100
84	MP2A	Z	0	0	0	%100
85	MP3A	X	3.524	3.524	0	%100
86	MP3A	Z	0	0	0	%100
87	MP4A	X	3.524	3.524	0	%100
88	MP4A	Z	0	0	0	%100
89	MP1C	X	3.524	3.524	0	%100
90	MP1C	Z	0	0	0	%100
91	M91C	X	2.643	2.643	0	%100
92	M91C	Z	0	0	0	%100
93	MP2C	X	3.524	3.524	0	%100
94	MP2C	Z	0	0	0	%100
95	MP3C	X	3.524	3.524	0	%100
96	MP3C	Z	0	0	0	%100
97	MP4C	X	3.524	3.524	0	%100
98	MP4C	Z	0	0	0	%100
99	MP1B	X	3.524	3.524	0	%100
100	MP1B	Z	0	0	0	%100
101	M104	X	2.643	2.643	0	%100
102	M104	Z	0	0	0	%100
103	MP2B	X	3.524	3.524	0	%100
104	MP2B	Z	0	0	0	%100
105	MP3B	X	3.524	3.524	0	%100
106	MP3B	Z	0	0	0	%100
107	MP4B	X	3.524	3.524	0	%100
108	MP4B	Z	0	0	0	%100
109	M118	X	2.595	2.595	0	%100
110	M118	Z	0	0	0	%100
111	M118A	X	2.595	2.595	0	%100
112	M118A	Z	0	0	0	%100
113	M121	X	0	0	0	%100
114	M121	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[l...	Start Location[in,..	End Location[in,...
1	M1	X	.946	.946	0	%100
2	M1	Z	.546	.546	0	%100
3	RAY	X	2.864	2.864	0	%100
4	RAY	Z	1.653	1.653	0	%100
5	M10	X	.777	.777	0	%100
6	M10	Z	.448	.448	0	%100
7	MP1A	X	3.002	3.002	0	%100
8	MP1A	Z	1.733	1.733	0	%100
9	M43	X	.777	.777	0	%100
10	M43	Z	.448	.448	0	%100
11	M46	X	1.214	1.214	0	%100
12	M46	Z	.701	.701	0	%100
13	M51B	X	.894	.894	0	%100
14	M51B	Z	.516	.516	0	%100
15	M52B	X	3.575	3.575	0	%100
16	M52B	Z	2.064	2.064	0	%100
17	M76	X	3.583	3.583	0	%100
18	M76	Z	2.069	2.069	0	%100
19	M77	X	1.212	1.212	0	%100
20	M77	Z	.7	.7	0	%100
21	M80	X	1.265	1.265	0	%100
22	M80	Z	.73	.73	0	%100
23	M84	X	3.583	3.583	0	%100
24	M84	Z	2.069	2.069	0	%100
25	M85	X	4.849	4.849	0	%100
26	M85	Z	2.8	2.8	0	%100
27	M91	X	5.061	5.061	0	%100
28	M91	Z	2.922	2.922	0	%100
29	M52A	X	2.864	2.864	0	%100
30	M52A	Z	1.653	1.653	0	%100
31	M53	X	.777	.777	0	%100
32	M53	Z	.448	.448	0	%100
33	M54	X	.777	.777	0	%100
34	M54	Z	.448	.448	0	%100
35	M55	X	1.214	1.214	0	%100
36	M55	Z	.701	.701	0	%100
37	M58A	X	3.575	3.575	0	%100
38	M58A	Z	2.064	2.064	0	%100
39	M59A	X	.894	.894	0	%100
40	M59A	Z	.516	.516	0	%100
41	M63	X	3.583	3.583	0	%100
42	M63	Z	2.069	2.069	0	%100
43	M64	X	4.849	4.849	0	%100
44	M64	Z	2.8	2.8	0	%100
45	M66	X	5.061	5.061	0	%100
46	M66	Z	2.922	2.922	0	%100
47	M68	X	3.583	3.583	0	%100
48	M68	Z	2.069	2.069	0	%100
49	M69	X	1.212	1.212	0	%100
50	M69	Z	.7	.7	0	%100
51	M71	X	1.265	1.265	0	%100
52	M71	Z	.73	.73	0	%100
53	M76A	X	0	0	0	%100
54	M76A	Z	0	0	0	%100
55	M77A	X	3.107	3.107	0	%100
56	M77A	Z	1.794	1.794	0	%100
57	M78	X	3.107	3.107	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
58	M78	Z	1.794	1.794	0	%100
59	M79A	X	4.856	4.856	0	%100
60	M79A	Z	2.804	2.804	0	%100
61	M82	X	.894	.894	0	%100
62	M82	Z	.516	.516	0	%100
63	M83A	X	.894	.894	0	%100
64	M83A	Z	.516	.516	0	%100
65	M87	X	0	0	0	%100
66	M87	Z	0	0	0	%100
67	M88A	X	1.212	1.212	0	%100
68	M88A	Z	.7	.7	0	%100
69	M90	X	1.265	1.265	0	%100
70	M90	Z	.73	.73	0	%100
71	M92A	X	0	0	0	%100
72	M92A	Z	0	0	0	%100
73	M93	X	1.212	1.212	0	%100
74	M93	Z	.7	.7	0	%100
75	M95	X	1.265	1.265	0	%100
76	M95	Z	.73	.73	0	%100
77	M82A	X	.946	.946	0	%100
78	M82A	Z	.546	.546	0	%100
79	M91B	X	3.782	3.782	0	%100
80	M91B	Z	2.184	2.184	0	%100
81	M100	X	.763	.763	0	%100
82	M100	Z	.44	.44	0	%100
83	MP2A	X	3.002	3.002	0	%100
84	MP2A	Z	1.733	1.733	0	%100
85	MP3A	X	3.002	3.002	0	%100
86	MP3A	Z	1.733	1.733	0	%100
87	MP4A	X	3.002	3.002	0	%100
88	MP4A	Z	1.733	1.733	0	%100
89	MP1C	X	3.002	3.002	0	%100
90	MP1C	Z	1.733	1.733	0	%100
91	M91C	X	.763	.763	0	%100
92	M91C	Z	.44	.44	0	%100
93	MP2C	X	3.002	3.002	0	%100
94	MP2C	Z	1.733	1.733	0	%100
95	MP3C	X	3.002	3.002	0	%100
96	MP3C	Z	1.733	1.733	0	%100
97	MP4C	X	3.002	3.002	0	%100
98	MP4C	Z	1.733	1.733	0	%100
99	MP1B	X	3.002	3.002	0	%100
100	MP1B	Z	1.733	1.733	0	%100
101	M104	X	3.052	3.052	0	%100
102	M104	Z	1.762	1.762	0	%100
103	MP2B	X	3.002	3.002	0	%100
104	MP2B	Z	1.733	1.733	0	%100
105	MP3B	X	3.002	3.002	0	%100
106	MP3B	Z	1.733	1.733	0	%100
107	MP4B	X	3.002	3.002	0	%100
108	MP4B	Z	1.733	1.733	0	%100
109	M118	X	.749	.749	0	%100
110	M118	Z	.433	.433	0	%100
111	M118A	X	2.997	2.997	0	%100
112	M118A	Z	1.73	1.73	0	%100
113	M121	X	.749	.749	0	%100
114	M121	Z	.433	.433	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	1.638	1.638	0	%100
2	M1	Z	2.837	2.837	0	%100
3	RAY	X	.551	.551	0	%100
4	RAY	Z	.955	.955	0	%100
5	M10	X	1.345	1.345	0	%100
6	M10	Z	2.33	2.33	0	%100
7	MP1A	X	1.675	1.675	0	%100
8	MP1A	Z	2.902	2.902	0	%100
9	M43	X	1.345	1.345	0	%100
10	M43	Z	2.33	2.33	0	%100
11	M46	X	2.103	2.103	0	%100
12	M46	Z	3.642	3.642	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	1.548	1.548	0	%100
16	M52B	Z	2.681	2.681	0	%100
17	M76	X	.69	.69	0	%100
18	M76	Z	1.194	1.194	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	.69	.69	0	%100
24	M84	Z	1.194	1.194	0	%100
25	M85	X	2.1	2.1	0	%100
26	M85	Z	3.637	3.637	0	%100
27	M91	X	2.191	2.191	0	%100
28	M91	Z	3.796	3.796	0	%100
29	M52A	X	2.204	2.204	0	%100
30	M52A	Z	3.818	3.818	0	%100
31	M53	X	0	0	0	%100
32	M53	Z	0	0	0	%100
33	M54	X	0	0	0	%100
34	M54	Z	0	0	0	%100
35	M55	X	0	0	0	%100
36	M55	Z	0	0	0	%100
37	M58A	X	1.548	1.548	0	%100
38	M58A	Z	2.681	2.681	0	%100
39	M59A	X	1.548	1.548	0	%100
40	M59A	Z	2.681	2.681	0	%100
41	M63	X	2.758	2.758	0	%100
42	M63	Z	4.777	4.777	0	%100
43	M64	X	2.1	2.1	0	%100
44	M64	Z	3.637	3.637	0	%100
45	M66	X	2.191	2.191	0	%100
46	M66	Z	3.796	3.796	0	%100
47	M68	X	2.758	2.758	0	%100
48	M68	Z	4.777	4.777	0	%100
49	M69	X	2.1	2.1	0	%100
50	M69	Z	3.637	3.637	0	%100
51	M71	X	2.191	2.191	0	%100
52	M71	Z	3.796	3.796	0	%100
53	M76A	X	.551	.551	0	%100
54	M76A	Z	.955	.955	0	%100
55	M77A	X	1.345	1.345	0	%100
56	M77A	Z	2.33	2.33	0	%100
57	M78	X	1.345	1.345	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
58	M78	Z	2.33	2.33	0	%100
59	M79A	X	2.103	2.103	0	%100
60	M79A	Z	3.642	3.642	0	%100
61	M82	X	1.548	1.548	0	%100
62	M82	Z	2.681	2.681	0	%100
63	M83A	X	0	0	0	%100
64	M83A	Z	0	0	0	%100
65	M87	X	.69	.69	0	%100
66	M87	Z	1.194	1.194	0	%100
67	M88A	X	2.1	2.1	0	%100
68	M88A	Z	3.637	3.637	0	%100
69	M90	X	2.191	2.191	0	%100
70	M90	Z	3.796	3.796	0	%100
71	M92A	X	.69	.69	0	%100
72	M92A	Z	1.194	1.194	0	%100
73	M93	X	0	0	0	%100
74	M93	Z	0	0	0	%100
75	M95	X	0	0	0	%100
76	M95	Z	0	0	0	%100
77	M82A	X	0	0	0	%100
78	M82A	Z	0	0	0	%100
79	M91B	X	1.638	1.638	0	%100
80	M91B	Z	2.837	2.837	0	%100
81	M100	X	1.321	1.321	0	%100
82	M100	Z	2.289	2.289	0	%100
83	MP2A	X	1.675	1.675	0	%100
84	MP2A	Z	2.902	2.902	0	%100
85	MP3A	X	1.675	1.675	0	%100
86	MP3A	Z	2.902	2.902	0	%100
87	MP4A	X	1.675	1.675	0	%100
88	MP4A	Z	2.902	2.902	0	%100
89	MP1C	X	1.675	1.675	0	%100
90	MP1C	Z	2.902	2.902	0	%100
91	M91C	X	0	0	0	%100
92	M91C	Z	0	0	0	%100
93	MP2C	X	1.675	1.675	0	%100
94	MP2C	Z	2.902	2.902	0	%100
95	MP3C	X	1.675	1.675	0	%100
96	MP3C	Z	2.902	2.902	0	%100
97	MP4C	X	1.675	1.675	0	%100
98	MP4C	Z	2.902	2.902	0	%100
99	MP1B	X	1.675	1.675	0	%100
100	MP1B	Z	2.902	2.902	0	%100
101	M104	X	1.321	1.321	0	%100
102	M104	Z	2.289	2.289	0	%100
103	MP2B	X	1.675	1.675	0	%100
104	MP2B	Z	2.902	2.902	0	%100
105	MP3B	X	1.675	1.675	0	%100
106	MP3B	Z	2.902	2.902	0	%100
107	MP4B	X	1.675	1.675	0	%100
108	MP4B	Z	2.902	2.902	0	%100
109	M118	X	0	0	0	%100
110	M118	Z	0	0	0	%100
111	M118A	X	1.298	1.298	0	%100
112	M118A	Z	2.248	2.248	0	%100
113	M121	X	1.298	1.298	0	%100
114	M121	Z	2.248	2.248	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	0	0	0	%100
2	M1	Z	4.367	4.367	0	%100
3	RAY	X	0	0	0	%100
4	RAY	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	3.588	3.588	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	3.293	3.293	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	3.588	3.588	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	5.607	5.607	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	1.032	1.032	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	1.032	1.032	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	1.4	1.4	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	1.461	1.461	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	1.4	1.4	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	1.461	1.461	0	%100
29	M52A	X	0	0	0	%100
30	M52A	Z	3.307	3.307	0	%100
31	M53	X	0	0	0	%100
32	M53	Z	.897	.897	0	%100
33	M54	X	0	0	0	%100
34	M54	Z	.897	.897	0	%100
35	M55	X	0	0	0	%100
36	M55	Z	1.402	1.402	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	1.032	1.032	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	4.128	4.128	0	%100
41	M63	X	0	0	0	%100
42	M63	Z	4.137	4.137	0	%100
43	M64	X	0	0	0	%100
44	M64	Z	1.4	1.4	0	%100
45	M66	X	0	0	0	%100
46	M66	Z	1.461	1.461	0	%100
47	M68	X	0	0	0	%100
48	M68	Z	4.137	4.137	0	%100
49	M69	X	0	0	0	%100
50	M69	Z	5.6	5.6	0	%100
51	M71	X	0	0	0	%100
52	M71	Z	5.844	5.844	0	%100
53	M76A	X	0	0	0	%100
54	M76A	Z	3.307	3.307	0	%100
55	M77A	X	0	0	0	%100
56	M77A	Z	.897	.897	0	%100
57	M78	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[l...	Start Location[in,..	End Location[in,...
58	M78	Z	.897	.897	0	%100
59	M79A	X	0	0	0	%100
60	M79A	Z	1.402	1.402	0	%100
61	M82	X	0	0	0	%100
62	M82	Z	4.128	4.128	0	%100
63	M83A	X	0	0	0	%100
64	M83A	Z	1.032	1.032	0	%100
65	M87	X	0	0	0	%100
66	M87	Z	4.137	4.137	0	%100
67	M88A	X	0	0	0	%100
68	M88A	Z	5.6	5.6	0	%100
69	M90	X	0	0	0	%100
70	M90	Z	5.844	5.844	0	%100
71	M92A	X	0	0	0	%100
72	M92A	Z	4.137	4.137	0	%100
73	M93	X	0	0	0	%100
74	M93	Z	1.4	1.4	0	%100
75	M95	X	0	0	0	%100
76	M95	Z	1.461	1.461	0	%100
77	M82A	X	0	0	0	%100
78	M82A	Z	1.092	1.092	0	%100
79	M91B	X	0	0	0	%100
80	M91B	Z	1.092	1.092	0	%100
81	M100	X	0	0	0	%100
82	M100	Z	3.524	3.524	0	%100
83	MP2A	X	0	0	0	%100
84	MP2A	Z	3.293	3.293	0	%100
85	MP3A	X	0	0	0	%100
86	MP3A	Z	3.293	3.293	0	%100
87	MP4A	X	0	0	0	%100
88	MP4A	Z	3.293	3.293	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	3.293	3.293	0	%100
91	M91C	X	0	0	0	%100
92	M91C	Z	.881	.881	0	%100
93	MP2C	X	0	0	0	%100
94	MP2C	Z	3.293	3.293	0	%100
95	MP3C	X	0	0	0	%100
96	MP3C	Z	3.293	3.293	0	%100
97	MP4C	X	0	0	0	%100
98	MP4C	Z	3.293	3.293	0	%100
99	MP1B	X	0	0	0	%100
100	MP1B	Z	3.293	3.293	0	%100
101	M104	X	0	0	0	%100
102	M104	Z	.881	.881	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	3.293	3.293	0	%100
105	MP3B	X	0	0	0	%100
106	MP3B	Z	3.293	3.293	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	3.293	3.293	0	%100
109	M118	X	0	0	0	%100
110	M118	Z	.865	.865	0	%100
111	M118A	X	0	0	0	%100
112	M118A	Z	.865	.865	0	%100
113	M121	X	0	0	0	%100
114	M121	Z	3.461	3.461	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	-1.638	-1.638	0	%100
2	M1	Z	2.837	2.837	0	%100
3	RAY	X	-.551	-.551	0	%100
4	RAY	Z	.955	.955	0	%100
5	M10	X	-1.345	-1.345	0	%100
6	M10	Z	2.33	2.33	0	%100
7	MP1A	X	-1.675	-1.675	0	%100
8	MP1A	Z	2.902	2.902	0	%100
9	M43	X	-1.345	-1.345	0	%100
10	M43	Z	2.33	2.33	0	%100
11	M46	X	-2.103	-2.103	0	%100
12	M46	Z	3.642	3.642	0	%100
13	M51B	X	-1.548	-1.548	0	%100
14	M51B	Z	2.681	2.681	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-.69	-.69	0	%100
18	M76	Z	1.194	1.194	0	%100
19	M77	X	-2.1	-2.1	0	%100
20	M77	Z	3.637	3.637	0	%100
21	M80	X	-2.191	-2.191	0	%100
22	M80	Z	3.796	3.796	0	%100
23	M84	X	-.69	-.69	0	%100
24	M84	Z	1.194	1.194	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	M52A	X	-.551	-.551	0	%100
30	M52A	Z	.955	.955	0	%100
31	M53	X	-1.345	-1.345	0	%100
32	M53	Z	2.33	2.33	0	%100
33	M54	X	-1.345	-1.345	0	%100
34	M54	Z	2.33	2.33	0	%100
35	M55	X	-2.103	-2.103	0	%100
36	M55	Z	3.642	3.642	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	-1.548	-1.548	0	%100
40	M59A	Z	2.681	2.681	0	%100
41	M63	X	-.69	-.69	0	%100
42	M63	Z	1.194	1.194	0	%100
43	M64	X	0	0	0	%100
44	M64	Z	0	0	0	%100
45	M66	X	0	0	0	%100
46	M66	Z	0	0	0	%100
47	M68	X	-.69	-.69	0	%100
48	M68	Z	1.194	1.194	0	%100
49	M69	X	-2.1	-2.1	0	%100
50	M69	Z	3.637	3.637	0	%100
51	M71	X	-2.191	-2.191	0	%100
52	M71	Z	3.796	3.796	0	%100
53	M76A	X	-2.204	-2.204	0	%100
54	M76A	Z	3.818	3.818	0	%100
55	M77A	X	0	0	0	%100
56	M77A	Z	0	0	0	%100
57	M78	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[l...	Start Location[in,..	End Location[in,...
58	M78	Z	0	0	0	%100
59	M79A	X	0	0	0	%100
60	M79A	Z	0	0	0	%100
61	M82	X	-1.548	-1.548	0	%100
62	M82	Z	2.681	2.681	0	%100
63	M83A	X	-1.548	-1.548	0	%100
64	M83A	Z	2.681	2.681	0	%100
65	M87	X	-2.758	-2.758	0	%100
66	M87	Z	4.777	4.777	0	%100
67	M88A	X	-2.1	-2.1	0	%100
68	M88A	Z	3.637	3.637	0	%100
69	M90	X	-2.191	-2.191	0	%100
70	M90	Z	3.796	3.796	0	%100
71	M92A	X	-2.758	-2.758	0	%100
72	M92A	Z	4.777	4.777	0	%100
73	M93	X	-2.1	-2.1	0	%100
74	M93	Z	3.637	3.637	0	%100
75	M95	X	-2.191	-2.191	0	%100
76	M95	Z	3.796	3.796	0	%100
77	M82A	X	-1.638	-1.638	0	%100
78	M82A	Z	2.837	2.837	0	%100
79	M91B	X	0	0	0	%100
80	M91B	Z	0	0	0	%100
81	M100	X	-1.321	-1.321	0	%100
82	M100	Z	2.289	2.289	0	%100
83	MP2A	X	-1.675	-1.675	0	%100
84	MP2A	Z	2.902	2.902	0	%100
85	MP3A	X	-1.675	-1.675	0	%100
86	MP3A	Z	2.902	2.902	0	%100
87	MP4A	X	-1.675	-1.675	0	%100
88	MP4A	Z	2.902	2.902	0	%100
89	MP1C	X	-1.675	-1.675	0	%100
90	MP1C	Z	2.902	2.902	0	%100
91	M91C	X	-1.321	-1.321	0	%100
92	M91C	Z	2.289	2.289	0	%100
93	MP2C	X	-1.675	-1.675	0	%100
94	MP2C	Z	2.902	2.902	0	%100
95	MP3C	X	-1.675	-1.675	0	%100
96	MP3C	Z	2.902	2.902	0	%100
97	MP4C	X	-1.675	-1.675	0	%100
98	MP4C	Z	2.902	2.902	0	%100
99	MP1B	X	-1.675	-1.675	0	%100
100	MP1B	Z	2.902	2.902	0	%100
101	M104	X	0	0	0	%100
102	M104	Z	0	0	0	%100
103	MP2B	X	-1.675	-1.675	0	%100
104	MP2B	Z	2.902	2.902	0	%100
105	MP3B	X	-1.675	-1.675	0	%100
106	MP3B	Z	2.902	2.902	0	%100
107	MP4B	X	-1.675	-1.675	0	%100
108	MP4B	Z	2.902	2.902	0	%100
109	M118	X	-1.298	-1.298	0	%100
110	M118	Z	2.248	2.248	0	%100
111	M118A	X	0	0	0	%100
112	M118A	Z	0	0	0	%100
113	M121	X	-1.298	-1.298	0	%100
114	M121	Z	2.248	2.248	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	-.946	-.946	0	%100
2	M1	Z	.546	.546	0	%100
3	RAY	X	-2.864	-2.864	0	%100
4	RAY	Z	1.653	1.653	0	%100
5	M10	X	-.777	-.777	0	%100
6	M10	Z	.448	.448	0	%100
7	MP1A	X	-3.002	-3.002	0	%100
8	MP1A	Z	1.733	1.733	0	%100
9	M43	X	-.777	-.777	0	%100
10	M43	Z	.448	.448	0	%100
11	M46	X	-1.214	-1.214	0	%100
12	M46	Z	.701	.701	0	%100
13	M51B	X	-3.575	-3.575	0	%100
14	M51B	Z	2.064	2.064	0	%100
15	M52B	X	-.894	-.894	0	%100
16	M52B	Z	.516	.516	0	%100
17	M76	X	-3.583	-3.583	0	%100
18	M76	Z	2.069	2.069	0	%100
19	M77	X	-4.849	-4.849	0	%100
20	M77	Z	2.8	2.8	0	%100
21	M80	X	-5.061	-5.061	0	%100
22	M80	Z	2.922	2.922	0	%100
23	M84	X	-3.583	-3.583	0	%100
24	M84	Z	2.069	2.069	0	%100
25	M85	X	-1.212	-1.212	0	%100
26	M85	Z	.7	.7	0	%100
27	M91	X	-1.265	-1.265	0	%100
28	M91	Z	.73	.73	0	%100
29	M52A	X	0	0	0	%100
30	M52A	Z	0	0	0	%100
31	M53	X	-3.107	-3.107	0	%100
32	M53	Z	1.794	1.794	0	%100
33	M54	X	-3.107	-3.107	0	%100
34	M54	Z	1.794	1.794	0	%100
35	M55	X	-4.856	-4.856	0	%100
36	M55	Z	2.804	2.804	0	%100
37	M58A	X	-.894	-.894	0	%100
38	M58A	Z	.516	.516	0	%100
39	M59A	X	-.894	-.894	0	%100
40	M59A	Z	.516	.516	0	%100
41	M63	X	0	0	0	%100
42	M63	Z	0	0	0	%100
43	M64	X	-1.212	-1.212	0	%100
44	M64	Z	.7	.7	0	%100
45	M66	X	-1.265	-1.265	0	%100
46	M66	Z	.73	.73	0	%100
47	M68	X	0	0	0	%100
48	M68	Z	0	0	0	%100
49	M69	X	-1.212	-1.212	0	%100
50	M69	Z	.7	.7	0	%100
51	M71	X	-1.265	-1.265	0	%100
52	M71	Z	.73	.73	0	%100
53	M76A	X	-2.864	-2.864	0	%100
54	M76A	Z	1.653	1.653	0	%100
55	M77A	X	-.777	-.777	0	%100
56	M77A	Z	.448	.448	0	%100
57	M78	X	-.777	-.777	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
58	M78	Z	.448	.448	0	%100
59	M79A	X	-1.214	-1.214	0	%100
60	M79A	Z	.701	.701	0	%100
61	M82	X	-.894	-.894	0	%100
62	M82	Z	.516	.516	0	%100
63	M83A	X	-3.575	-3.575	0	%100
64	M83A	Z	2.064	2.064	0	%100
65	M87	X	-3.583	-3.583	0	%100
66	M87	Z	2.069	2.069	0	%100
67	M88A	X	-1.212	-1.212	0	%100
68	M88A	Z	.7	.7	0	%100
69	M90	X	-1.265	-1.265	0	%100
70	M90	Z	.73	.73	0	%100
71	M92A	X	-3.583	-3.583	0	%100
72	M92A	Z	2.069	2.069	0	%100
73	M93	X	-4.849	-4.849	0	%100
74	M93	Z	2.8	2.8	0	%100
75	M95	X	-5.061	-5.061	0	%100
76	M95	Z	2.922	2.922	0	%100
77	M82A	X	-3.782	-3.782	0	%100
78	M82A	Z	2.184	2.184	0	%100
79	M91B	X	-.946	-.946	0	%100
80	M91B	Z	.546	.546	0	%100
81	M100	X	-.763	-.763	0	%100
82	M100	Z	.44	.44	0	%100
83	MP2A	X	-3.002	-3.002	0	%100
84	MP2A	Z	1.733	1.733	0	%100
85	MP3A	X	-3.002	-3.002	0	%100
86	MP3A	Z	1.733	1.733	0	%100
87	MP4A	X	-3.002	-3.002	0	%100
88	MP4A	Z	1.733	1.733	0	%100
89	MP1C	X	-3.002	-3.002	0	%100
90	MP1C	Z	1.733	1.733	0	%100
91	M91C	X	-3.052	-3.052	0	%100
92	M91C	Z	1.762	1.762	0	%100
93	MP2C	X	-3.002	-3.002	0	%100
94	MP2C	Z	1.733	1.733	0	%100
95	MP3C	X	-3.002	-3.002	0	%100
96	MP3C	Z	1.733	1.733	0	%100
97	MP4C	X	-3.002	-3.002	0	%100
98	MP4C	Z	1.733	1.733	0	%100
99	MP1B	X	-3.002	-3.002	0	%100
100	MP1B	Z	1.733	1.733	0	%100
101	M104	X	-.763	-.763	0	%100
102	M104	Z	.44	.44	0	%100
103	MP2B	X	-3.002	-3.002	0	%100
104	MP2B	Z	1.733	1.733	0	%100
105	MP3B	X	-3.002	-3.002	0	%100
106	MP3B	Z	1.733	1.733	0	%100
107	MP4B	X	-3.002	-3.002	0	%100
108	MP4B	Z	1.733	1.733	0	%100
109	M118	X	-2.997	-2.997	0	%100
110	M118	Z	1.73	1.73	0	%100
111	M118A	X	-.749	-.749	0	%100
112	M118A	Z	.433	.433	0	%100
113	M121	X	-.749	-.749	0	%100
114	M121	Z	.433	.433	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	RAY	X	-4.409	-4.409	0	%100
4	RAY	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	-3.524	-3.524	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	-3.096	-3.096	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-3.096	-3.096	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-5.516	-5.516	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	-4.2	-4.2	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	-4.383	-4.383	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-5.516	-5.516	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	-4.2	-4.2	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	-4.383	-4.383	0	%100
28	M91	Z	0	0	0	%100
29	M52A	X	-1.102	-1.102	0	%100
30	M52A	Z	0	0	0	%100
31	M53	X	-2.691	-2.691	0	%100
32	M53	Z	0	0	0	%100
33	M54	X	-2.691	-2.691	0	%100
34	M54	Z	0	0	0	%100
35	M55	X	-4.206	-4.206	0	%100
36	M55	Z	0	0	0	%100
37	M58A	X	-3.096	-3.096	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	0	0	0	%100
41	M63	X	-1.379	-1.379	0	%100
42	M63	Z	0	0	0	%100
43	M64	X	-4.2	-4.2	0	%100
44	M64	Z	0	0	0	%100
45	M66	X	-4.383	-4.383	0	%100
46	M66	Z	0	0	0	%100
47	M68	X	-1.379	-1.379	0	%100
48	M68	Z	0	0	0	%100
49	M69	X	0	0	0	%100
50	M69	Z	0	0	0	%100
51	M71	X	0	0	0	%100
52	M71	Z	0	0	0	%100
53	M76A	X	-1.102	-1.102	0	%100
54	M76A	Z	0	0	0	%100
55	M77A	X	-2.691	-2.691	0	%100
56	M77A	Z	0	0	0	%100
57	M78	X	-2.691	-2.691	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
58	M78	Z	0	0	0	%100
59	M79A	X	-4.206	-4.206	0	%100
60	M79A	Z	0	0	0	%100
61	M82	X	0	0	0	%100
62	M82	Z	0	0	0	%100
63	M83A	X	-3.096	-3.096	0	%100
64	M83A	Z	0	0	0	%100
65	M87	X	-1.379	-1.379	0	%100
66	M87	Z	0	0	0	%100
67	M88A	X	0	0	0	%100
68	M88A	Z	0	0	0	%100
69	M90	X	0	0	0	%100
70	M90	Z	0	0	0	%100
71	M92A	X	-1.379	-1.379	0	%100
72	M92A	Z	0	0	0	%100
73	M93	X	-4.2	-4.2	0	%100
74	M93	Z	0	0	0	%100
75	M95	X	-4.383	-4.383	0	%100
76	M95	Z	0	0	0	%100
77	M82A	X	-3.276	-3.276	0	%100
78	M82A	Z	0	0	0	%100
79	M91B	X	-3.276	-3.276	0	%100
80	M91B	Z	0	0	0	%100
81	M100	X	0	0	0	%100
82	M100	Z	0	0	0	%100
83	MP2A	X	-3.524	-3.524	0	%100
84	MP2A	Z	0	0	0	%100
85	MP3A	X	-3.524	-3.524	0	%100
86	MP3A	Z	0	0	0	%100
87	MP4A	X	-3.524	-3.524	0	%100
88	MP4A	Z	0	0	0	%100
89	MP1C	X	-3.524	-3.524	0	%100
90	MP1C	Z	0	0	0	%100
91	M91C	X	-2.643	-2.643	0	%100
92	M91C	Z	0	0	0	%100
93	MP2C	X	-3.524	-3.524	0	%100
94	MP2C	Z	0	0	0	%100
95	MP3C	X	-3.524	-3.524	0	%100
96	MP3C	Z	0	0	0	%100
97	MP4C	X	-3.524	-3.524	0	%100
98	MP4C	Z	0	0	0	%100
99	MP1B	X	-3.524	-3.524	0	%100
100	MP1B	Z	0	0	0	%100
101	M104	X	-2.643	-2.643	0	%100
102	M104	Z	0	0	0	%100
103	MP2B	X	-3.524	-3.524	0	%100
104	MP2B	Z	0	0	0	%100
105	MP3B	X	-3.524	-3.524	0	%100
106	MP3B	Z	0	0	0	%100
107	MP4B	X	-3.524	-3.524	0	%100
108	MP4B	Z	0	0	0	%100
109	M118	X	-2.595	-2.595	0	%100
110	M118	Z	0	0	0	%100
111	M118A	X	-2.595	-2.595	0	%100
112	M118A	Z	0	0	0	%100
113	M121	X	0	0	0	%100
114	M121	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[l...	Start Location[in,..	End Location[in,...
1	M1	X	-.946	-.946	0	%100
2	M1	Z	-.546	-.546	0	%100
3	RAY	X	-2.864	-2.864	0	%100
4	RAY	Z	-1.653	-1.653	0	%100
5	M10	X	-.777	-.777	0	%100
6	M10	Z	-.448	-.448	0	%100
7	MP1A	X	-3.002	-3.002	0	%100
8	MP1A	Z	-1.733	-1.733	0	%100
9	M43	X	-.777	-.777	0	%100
10	M43	Z	-.448	-.448	0	%100
11	M46	X	-1.214	-1.214	0	%100
12	M46	Z	-.701	-.701	0	%100
13	M51B	X	-.894	-.894	0	%100
14	M51B	Z	-.516	-.516	0	%100
15	M52B	X	-3.575	-3.575	0	%100
16	M52B	Z	-2.064	-2.064	0	%100
17	M76	X	-3.583	-3.583	0	%100
18	M76	Z	-2.069	-2.069	0	%100
19	M77	X	-1.212	-1.212	0	%100
20	M77	Z	-.7	-.7	0	%100
21	M80	X	-1.265	-1.265	0	%100
22	M80	Z	-.73	-.73	0	%100
23	M84	X	-3.583	-3.583	0	%100
24	M84	Z	-2.069	-2.069	0	%100
25	M85	X	-4.849	-4.849	0	%100
26	M85	Z	-2.8	-2.8	0	%100
27	M91	X	-5.061	-5.061	0	%100
28	M91	Z	-2.922	-2.922	0	%100
29	M52A	X	-2.864	-2.864	0	%100
30	M52A	Z	-1.653	-1.653	0	%100
31	M53	X	-.777	-.777	0	%100
32	M53	Z	-.448	-.448	0	%100
33	M54	X	-.777	-.777	0	%100
34	M54	Z	-.448	-.448	0	%100
35	M55	X	-1.214	-1.214	0	%100
36	M55	Z	-.701	-.701	0	%100
37	M58A	X	-3.575	-3.575	0	%100
38	M58A	Z	-2.064	-2.064	0	%100
39	M59A	X	-.894	-.894	0	%100
40	M59A	Z	-.516	-.516	0	%100
41	M63	X	-3.583	-3.583	0	%100
42	M63	Z	-2.069	-2.069	0	%100
43	M64	X	-4.849	-4.849	0	%100
44	M64	Z	-2.8	-2.8	0	%100
45	M66	X	-5.061	-5.061	0	%100
46	M66	Z	-2.922	-2.922	0	%100
47	M68	X	-3.583	-3.583	0	%100
48	M68	Z	-2.069	-2.069	0	%100
49	M69	X	-1.212	-1.212	0	%100
50	M69	Z	-.7	-.7	0	%100
51	M71	X	-1.265	-1.265	0	%100
52	M71	Z	-.73	-.73	0	%100
53	M76A	X	0	0	0	%100
54	M76A	Z	0	0	0	%100
55	M77A	X	-3.107	-3.107	0	%100
56	M77A	Z	-1.794	-1.794	0	%100
57	M78	X	-3.107	-3.107	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
58	M78	Z	-1.794	-1.794	0	%100
59	M79A	X	-4.856	-4.856	0	%100
60	M79A	Z	-2.804	-2.804	0	%100
61	M82	X	-.894	-.894	0	%100
62	M82	Z	-.516	-.516	0	%100
63	M83A	X	-.894	-.894	0	%100
64	M83A	Z	-.516	-.516	0	%100
65	M87	X	0	0	0	%100
66	M87	Z	0	0	0	%100
67	M88A	X	-1.212	-1.212	0	%100
68	M88A	Z	-.7	-.7	0	%100
69	M90	X	-1.265	-1.265	0	%100
70	M90	Z	-.73	-.73	0	%100
71	M92A	X	0	0	0	%100
72	M92A	Z	0	0	0	%100
73	M93	X	-1.212	-1.212	0	%100
74	M93	Z	-.7	-.7	0	%100
75	M95	X	-1.265	-1.265	0	%100
76	M95	Z	-.73	-.73	0	%100
77	M82A	X	-.946	-.946	0	%100
78	M82A	Z	-.546	-.546	0	%100
79	M91B	X	-3.782	-3.782	0	%100
80	M91B	Z	-2.184	-2.184	0	%100
81	M100	X	-.763	-.763	0	%100
82	M100	Z	-.44	-.44	0	%100
83	MP2A	X	-3.002	-3.002	0	%100
84	MP2A	Z	-1.733	-1.733	0	%100
85	MP3A	X	-3.002	-3.002	0	%100
86	MP3A	Z	-1.733	-1.733	0	%100
87	MP4A	X	-3.002	-3.002	0	%100
88	MP4A	Z	-1.733	-1.733	0	%100
89	MP1C	X	-3.002	-3.002	0	%100
90	MP1C	Z	-1.733	-1.733	0	%100
91	M91C	X	-.763	-.763	0	%100
92	M91C	Z	-.44	-.44	0	%100
93	MP2C	X	-3.002	-3.002	0	%100
94	MP2C	Z	-1.733	-1.733	0	%100
95	MP3C	X	-3.002	-3.002	0	%100
96	MP3C	Z	-1.733	-1.733	0	%100
97	MP4C	X	-3.002	-3.002	0	%100
98	MP4C	Z	-1.733	-1.733	0	%100
99	MP1B	X	-3.002	-3.002	0	%100
100	MP1B	Z	-1.733	-1.733	0	%100
101	M104	X	-3.052	-3.052	0	%100
102	M104	Z	-1.762	-1.762	0	%100
103	MP2B	X	-3.002	-3.002	0	%100
104	MP2B	Z	-1.733	-1.733	0	%100
105	MP3B	X	-3.002	-3.002	0	%100
106	MP3B	Z	-1.733	-1.733	0	%100
107	MP4B	X	-3.002	-3.002	0	%100
108	MP4B	Z	-1.733	-1.733	0	%100
109	M118	X	-.749	-.749	0	%100
110	M118	Z	-.433	-.433	0	%100
111	M118A	X	-2.997	-2.997	0	%100
112	M118A	Z	-1.73	-1.73	0	%100
113	M121	X	-.749	-.749	0	%100
114	M121	Z	-.433	-.433	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	-1.638	-1.638	0	%100
2	M1	Z	-2.837	-2.837	0	%100
3	RAY	X	-.551	-.551	0	%100
4	RAY	Z	-.955	-.955	0	%100
5	M10	X	-1.345	-1.345	0	%100
6	M10	Z	-2.33	-2.33	0	%100
7	MP1A	X	-1.675	-1.675	0	%100
8	MP1A	Z	-2.902	-2.902	0	%100
9	M43	X	-1.345	-1.345	0	%100
10	M43	Z	-2.33	-2.33	0	%100
11	M46	X	-2.103	-2.103	0	%100
12	M46	Z	-3.642	-3.642	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-1.548	-1.548	0	%100
16	M52B	Z	-2.681	-2.681	0	%100
17	M76	X	-.69	-.69	0	%100
18	M76	Z	-1.194	-1.194	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-.69	-.69	0	%100
24	M84	Z	-1.194	-1.194	0	%100
25	M85	X	-2.1	-2.1	0	%100
26	M85	Z	-3.637	-3.637	0	%100
27	M91	X	-2.191	-2.191	0	%100
28	M91	Z	-3.796	-3.796	0	%100
29	M52A	X	-2.204	-2.204	0	%100
30	M52A	Z	-3.818	-3.818	0	%100
31	M53	X	0	0	0	%100
32	M53	Z	0	0	0	%100
33	M54	X	0	0	0	%100
34	M54	Z	0	0	0	%100
35	M55	X	0	0	0	%100
36	M55	Z	0	0	0	%100
37	M58A	X	-1.548	-1.548	0	%100
38	M58A	Z	-2.681	-2.681	0	%100
39	M59A	X	-1.548	-1.548	0	%100
40	M59A	Z	-2.681	-2.681	0	%100
41	M63	X	-2.758	-2.758	0	%100
42	M63	Z	-4.777	-4.777	0	%100
43	M64	X	-2.1	-2.1	0	%100
44	M64	Z	-3.637	-3.637	0	%100
45	M66	X	-2.191	-2.191	0	%100
46	M66	Z	-3.796	-3.796	0	%100
47	M68	X	-2.758	-2.758	0	%100
48	M68	Z	-4.777	-4.777	0	%100
49	M69	X	-2.1	-2.1	0	%100
50	M69	Z	-3.637	-3.637	0	%100
51	M71	X	-2.191	-2.191	0	%100
52	M71	Z	-3.796	-3.796	0	%100
53	M76A	X	-.551	-.551	0	%100
54	M76A	Z	-.955	-.955	0	%100
55	M77A	X	-1.345	-1.345	0	%100
56	M77A	Z	-2.33	-2.33	0	%100
57	M78	X	-1.345	-1.345	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
58	M78	Z	-2.33	-2.33	0	%100
59	M79A	X	-2.103	-2.103	0	%100
60	M79A	Z	-3.642	-3.642	0	%100
61	M82	X	-1.548	-1.548	0	%100
62	M82	Z	-2.681	-2.681	0	%100
63	M83A	X	0	0	0	%100
64	M83A	Z	0	0	0	%100
65	M87	X	-.69	-.69	0	%100
66	M87	Z	-1.194	-1.194	0	%100
67	M88A	X	-2.1	-2.1	0	%100
68	M88A	Z	-3.637	-3.637	0	%100
69	M90	X	-2.191	-2.191	0	%100
70	M90	Z	-3.796	-3.796	0	%100
71	M92A	X	-.69	-.69	0	%100
72	M92A	Z	-1.194	-1.194	0	%100
73	M93	X	0	0	0	%100
74	M93	Z	0	0	0	%100
75	M95	X	0	0	0	%100
76	M95	Z	0	0	0	%100
77	M82A	X	0	0	0	%100
78	M82A	Z	0	0	0	%100
79	M91B	X	-1.638	-1.638	0	%100
80	M91B	Z	-2.837	-2.837	0	%100
81	M100	X	-1.321	-1.321	0	%100
82	M100	Z	-2.289	-2.289	0	%100
83	MP2A	X	-1.675	-1.675	0	%100
84	MP2A	Z	-2.902	-2.902	0	%100
85	MP3A	X	-1.675	-1.675	0	%100
86	MP3A	Z	-2.902	-2.902	0	%100
87	MP4A	X	-1.675	-1.675	0	%100
88	MP4A	Z	-2.902	-2.902	0	%100
89	MP1C	X	-1.675	-1.675	0	%100
90	MP1C	Z	-2.902	-2.902	0	%100
91	M91C	X	0	0	0	%100
92	M91C	Z	0	0	0	%100
93	MP2C	X	-1.675	-1.675	0	%100
94	MP2C	Z	-2.902	-2.902	0	%100
95	MP3C	X	-1.675	-1.675	0	%100
96	MP3C	Z	-2.902	-2.902	0	%100
97	MP4C	X	-1.675	-1.675	0	%100
98	MP4C	Z	-2.902	-2.902	0	%100
99	MP1B	X	-1.675	-1.675	0	%100
100	MP1B	Z	-2.902	-2.902	0	%100
101	M104	X	-1.321	-1.321	0	%100
102	M104	Z	-2.289	-2.289	0	%100
103	MP2B	X	-1.675	-1.675	0	%100
104	MP2B	Z	-2.902	-2.902	0	%100
105	MP3B	X	-1.675	-1.675	0	%100
106	MP3B	Z	-2.902	-2.902	0	%100
107	MP4B	X	-1.675	-1.675	0	%100
108	MP4B	Z	-2.902	-2.902	0	%100
109	M118	X	0	0	0	%100
110	M118	Z	0	0	0	%100
111	M118A	X	-1.298	-1.298	0	%100
112	M118A	Z	-2.248	-2.248	0	%100
113	M121	X	-1.298	-1.298	0	%100
114	M121	Z	-2.248	-2.248	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	0	0	0	%100
2	M1	Z	-.877	-.877	0	%100
3	RAY	X	0	0	0	%100
4	RAY	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-.812	-.812	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	-.558	-.558	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	-.812	-.812	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	-1.62	-1.62	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	-.225	-.225	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	-.225	-.225	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	-.412	-.412	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	-.434	-.434	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	-.412	-.412	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	-.434	-.434	0	%100
29	M52A	X	0	0	0	%100
30	M52A	Z	-.72	-.72	0	%100
31	M53	X	0	0	0	%100
32	M53	Z	-.203	-.203	0	%100
33	M54	X	0	0	0	%100
34	M54	Z	-.203	-.203	0	%100
35	M55	X	0	0	0	%100
36	M55	Z	-.405	-.405	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	-.225	-.225	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	-.899	-.899	0	%100
41	M63	X	0	0	0	%100
42	M63	Z	-1.215	-1.215	0	%100
43	M64	X	0	0	0	%100
44	M64	Z	-.412	-.412	0	%100
45	M66	X	0	0	0	%100
46	M66	Z	-.434	-.434	0	%100
47	M68	X	0	0	0	%100
48	M68	Z	-1.215	-1.215	0	%100
49	M69	X	0	0	0	%100
50	M69	Z	-1.65	-1.65	0	%100
51	M71	X	0	0	0	%100
52	M71	Z	-1.738	-1.738	0	%100
53	M76A	X	0	0	0	%100
54	M76A	Z	-.72	-.72	0	%100
55	M77A	X	0	0	0	%100
56	M77A	Z	-.203	-.203	0	%100
57	M78	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[l...	Start Location[in,..	End Location[in,...
58	M78	Z	-.203	-.203	0	%100
59	M79A	X	0	0	0	%100
60	M79A	Z	-.405	-.405	0	%100
61	M82	X	0	0	0	%100
62	M82	Z	-.899	-.899	0	%100
63	M83A	X	0	0	0	%100
64	M83A	Z	-.225	-.225	0	%100
65	M87	X	0	0	0	%100
66	M87	Z	-1.215	-1.215	0	%100
67	M88A	X	0	0	0	%100
68	M88A	Z	-1.65	-1.65	0	%100
69	M90	X	0	0	0	%100
70	M90	Z	-1.738	-1.738	0	%100
71	M92A	X	0	0	0	%100
72	M92A	Z	-1.215	-1.215	0	%100
73	M93	X	0	0	0	%100
74	M93	Z	-.412	-.412	0	%100
75	M95	X	0	0	0	%100
76	M95	Z	-.434	-.434	0	%100
77	M82A	X	0	0	0	%100
78	M82A	Z	-.219	-.219	0	%100
79	M91B	X	0	0	0	%100
80	M91B	Z	-.219	-.219	0	%100
81	M100	X	0	0	0	%100
82	M100	Z	-.641	-.641	0	%100
83	MP2A	X	0	0	0	%100
84	MP2A	Z	-.558	-.558	0	%100
85	MP3A	X	0	0	0	%100
86	MP3A	Z	-.558	-.558	0	%100
87	MP4A	X	0	0	0	%100
88	MP4A	Z	-.558	-.558	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	-.558	-.558	0	%100
91	M91C	X	0	0	0	%100
92	M91C	Z	-.16	-.16	0	%100
93	MP2C	X	0	0	0	%100
94	MP2C	Z	-.558	-.558	0	%100
95	MP3C	X	0	0	0	%100
96	MP3C	Z	-.558	-.558	0	%100
97	MP4C	X	0	0	0	%100
98	MP4C	Z	-.558	-.558	0	%100
99	MP1B	X	0	0	0	%100
100	MP1B	Z	-.558	-.558	0	%100
101	M104	X	0	0	0	%100
102	M104	Z	-.16	-.16	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	-.558	-.558	0	%100
105	MP3B	X	0	0	0	%100
106	MP3B	Z	-.558	-.558	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	-.558	-.558	0	%100
109	M118	X	0	0	0	%100
110	M118	Z	-.202	-.202	0	%100
111	M118A	X	0	0	0	%100
112	M118A	Z	-.202	-.202	0	%100
113	M121	X	0	0	0	%100
114	M121	Z	-.808	-.808	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	.329	.329	0	%100
2	M1	Z	-.57	-.57	0	%100
3	RAY	X	.12	.12	0	%100
4	RAY	Z	-.208	-.208	0	%100
5	M10	X	.305	.305	0	%100
6	M10	Z	-.527	-.527	0	%100
7	MP1A	X	.289	.289	0	%100
8	MP1A	Z	-.501	-.501	0	%100
9	M43	X	.305	.305	0	%100
10	M43	Z	-.527	-.527	0	%100
11	M46	X	.607	.607	0	%100
12	M46	Z	-1.052	-1.052	0	%100
13	M51B	X	.337	.337	0	%100
14	M51B	Z	-.584	-.584	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	.202	.202	0	%100
18	M76	Z	-.351	-.351	0	%100
19	M77	X	.619	.619	0	%100
20	M77	Z	-1.072	-1.072	0	%100
21	M80	X	.652	.652	0	%100
22	M80	Z	-1.129	-1.129	0	%100
23	M84	X	.202	.202	0	%100
24	M84	Z	-.351	-.351	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	M52A	X	.12	.12	0	%100
30	M52A	Z	-.208	-.208	0	%100
31	M53	X	.305	.305	0	%100
32	M53	Z	-.527	-.527	0	%100
33	M54	X	.305	.305	0	%100
34	M54	Z	-.527	-.527	0	%100
35	M55	X	.607	.607	0	%100
36	M55	Z	-1.052	-1.052	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	.337	.337	0	%100
40	M59A	Z	-.584	-.584	0	%100
41	M63	X	.202	.202	0	%100
42	M63	Z	-.351	-.351	0	%100
43	M64	X	0	0	0	%100
44	M64	Z	0	0	0	%100
45	M66	X	0	0	0	%100
46	M66	Z	0	0	0	%100
47	M68	X	.202	.202	0	%100
48	M68	Z	-.351	-.351	0	%100
49	M69	X	.619	.619	0	%100
50	M69	Z	-1.072	-1.072	0	%100
51	M71	X	.652	.652	0	%100
52	M71	Z	-1.129	-1.129	0	%100
53	M76A	X	.48	.48	0	%100
54	M76A	Z	-.831	-.831	0	%100
55	M77A	X	0	0	0	%100
56	M77A	Z	0	0	0	%100
57	M78	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
58	M78	Z	0	0	0	%100
59	M79A	X	0	0	0	%100
60	M79A	Z	0	0	0	%100
61	M82	X	.337	.337	0	%100
62	M82	Z	-.584	-.584	0	%100
63	M83A	X	.337	.337	0	%100
64	M83A	Z	-.584	-.584	0	%100
65	M87	X	.81	.81	0	%100
66	M87	Z	-1.403	-1.403	0	%100
67	M88A	X	.619	.619	0	%100
68	M88A	Z	-1.072	-1.072	0	%100
69	M90	X	.652	.652	0	%100
70	M90	Z	-1.129	-1.129	0	%100
71	M92A	X	.81	.81	0	%100
72	M92A	Z	-1.403	-1.403	0	%100
73	M93	X	.619	.619	0	%100
74	M93	Z	-1.072	-1.072	0	%100
75	M95	X	.652	.652	0	%100
76	M95	Z	-1.129	-1.129	0	%100
77	M82A	X	.329	.329	0	%100
78	M82A	Z	-.57	-.57	0	%100
79	M91B	X	0	0	0	%100
80	M91B	Z	0	0	0	%100
81	M100	X	.24	.24	0	%100
82	M100	Z	-.416	-.416	0	%100
83	MP2A	X	.289	.289	0	%100
84	MP2A	Z	-.501	-.501	0	%100
85	MP3A	X	.289	.289	0	%100
86	MP3A	Z	-.501	-.501	0	%100
87	MP4A	X	.289	.289	0	%100
88	MP4A	Z	-.501	-.501	0	%100
89	MP1C	X	.289	.289	0	%100
90	MP1C	Z	-.501	-.501	0	%100
91	M91C	X	.24	.24	0	%100
92	M91C	Z	-.416	-.416	0	%100
93	MP2C	X	.289	.289	0	%100
94	MP2C	Z	-.501	-.501	0	%100
95	MP3C	X	.289	.289	0	%100
96	MP3C	Z	-.501	-.501	0	%100
97	MP4C	X	.289	.289	0	%100
98	MP4C	Z	-.501	-.501	0	%100
99	MP1B	X	.289	.289	0	%100
100	MP1B	Z	-.501	-.501	0	%100
101	M104	X	0	0	0	%100
102	M104	Z	0	0	0	%100
103	MP2B	X	.289	.289	0	%100
104	MP2B	Z	-.501	-.501	0	%100
105	MP3B	X	.289	.289	0	%100
106	MP3B	Z	-.501	-.501	0	%100
107	MP4B	X	.289	.289	0	%100
108	MP4B	Z	-.501	-.501	0	%100
109	M118	X	.303	.303	0	%100
110	M118	Z	-.525	-.525	0	%100
111	M118A	X	0	0	0	%100
112	M118A	Z	0	0	0	%100
113	M121	X	.303	.303	0	%100
114	M121	Z	-.525	-.525	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	.19	.19	0	%100
2	M1	Z	-.11	-.11	0	%100
3	RAY	X	.623	.623	0	%100
4	RAY	Z	-.36	-.36	0	%100
5	M10	X	.176	.176	0	%100
6	M10	Z	-.102	-.102	0	%100
7	MP1A	X	.537	.537	0	%100
8	MP1A	Z	-.31	-.31	0	%100
9	M43	X	.176	.176	0	%100
10	M43	Z	-.102	-.102	0	%100
11	M46	X	.351	.351	0	%100
12	M46	Z	-.202	-.202	0	%100
13	M51B	X	.779	.779	0	%100
14	M51B	Z	-.45	-.45	0	%100
15	M52B	X	.195	.195	0	%100
16	M52B	Z	-.112	-.112	0	%100
17	M76	X	1.052	1.052	0	%100
18	M76	Z	-.607	-.607	0	%100
19	M77	X	1.429	1.429	0	%100
20	M77	Z	-.825	-.825	0	%100
21	M80	X	1.505	1.505	0	%100
22	M80	Z	-.869	-.869	0	%100
23	M84	X	1.052	1.052	0	%100
24	M84	Z	-.607	-.607	0	%100
25	M85	X	.357	.357	0	%100
26	M85	Z	-.206	-.206	0	%100
27	M91	X	.376	.376	0	%100
28	M91	Z	-.217	-.217	0	%100
29	M52A	X	0	0	0	%100
30	M52A	Z	0	0	0	%100
31	M53	X	.703	.703	0	%100
32	M53	Z	-.406	-.406	0	%100
33	M54	X	.703	.703	0	%100
34	M54	Z	-.406	-.406	0	%100
35	M55	X	1.403	1.403	0	%100
36	M55	Z	-.81	-.81	0	%100
37	M58A	X	.195	.195	0	%100
38	M58A	Z	-.112	-.112	0	%100
39	M59A	X	.195	.195	0	%100
40	M59A	Z	-.112	-.112	0	%100
41	M63	X	0	0	0	%100
42	M63	Z	0	0	0	%100
43	M64	X	.357	.357	0	%100
44	M64	Z	-.206	-.206	0	%100
45	M66	X	.376	.376	0	%100
46	M66	Z	-.217	-.217	0	%100
47	M68	X	0	0	0	%100
48	M68	Z	0	0	0	%100
49	M69	X	.357	.357	0	%100
50	M69	Z	-.206	-.206	0	%100
51	M71	X	.376	.376	0	%100
52	M71	Z	-.217	-.217	0	%100
53	M76A	X	.623	.623	0	%100
54	M76A	Z	-.36	-.36	0	%100
55	M77A	X	.176	.176	0	%100
56	M77A	Z	-.102	-.102	0	%100
57	M78	X	.176	.176	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
58	M78	Z	-.102	-.102	0	%100
59	M79A	X	.351	.351	0	%100
60	M79A	Z	-.202	-.202	0	%100
61	M82	X	.195	.195	0	%100
62	M82	Z	-.112	-.112	0	%100
63	M83A	X	.779	.779	0	%100
64	M83A	Z	-.45	-.45	0	%100
65	M87	X	1.052	1.052	0	%100
66	M87	Z	-.607	-.607	0	%100
67	M88A	X	.357	.357	0	%100
68	M88A	Z	-.206	-.206	0	%100
69	M90	X	.376	.376	0	%100
70	M90	Z	-.217	-.217	0	%100
71	M92A	X	1.052	1.052	0	%100
72	M92A	Z	-.607	-.607	0	%100
73	M93	X	1.429	1.429	0	%100
74	M93	Z	-.825	-.825	0	%100
75	M95	X	1.505	1.505	0	%100
76	M95	Z	-.869	-.869	0	%100
77	M82A	X	.76	.76	0	%100
78	M82A	Z	-.439	-.439	0	%100
79	M91B	X	.19	.19	0	%100
80	M91B	Z	-.11	-.11	0	%100
81	M100	X	.139	.139	0	%100
82	M100	Z	-.08	-.08	0	%100
83	MP2A	X	.537	.537	0	%100
84	MP2A	Z	-.31	-.31	0	%100
85	MP3A	X	.537	.537	0	%100
86	MP3A	Z	-.31	-.31	0	%100
87	MP4A	X	.537	.537	0	%100
88	MP4A	Z	-.31	-.31	0	%100
89	MP1C	X	.537	.537	0	%100
90	MP1C	Z	-.31	-.31	0	%100
91	M91C	X	.555	.555	0	%100
92	M91C	Z	-.321	-.321	0	%100
93	MP2C	X	.537	.537	0	%100
94	MP2C	Z	-.31	-.31	0	%100
95	MP3C	X	.537	.537	0	%100
96	MP3C	Z	-.31	-.31	0	%100
97	MP4C	X	.537	.537	0	%100
98	MP4C	Z	-.31	-.31	0	%100
99	MP1B	X	.537	.537	0	%100
100	MP1B	Z	-.31	-.31	0	%100
101	M104	X	.139	.139	0	%100
102	M104	Z	-.08	-.08	0	%100
103	MP2B	X	.537	.537	0	%100
104	MP2B	Z	-.31	-.31	0	%100
105	MP3B	X	.537	.537	0	%100
106	MP3B	Z	-.31	-.31	0	%100
107	MP4B	X	.537	.537	0	%100
108	MP4B	Z	-.31	-.31	0	%100
109	M118	X	.7	.7	0	%100
110	M118	Z	-.404	-.404	0	%100
111	M118A	X	.175	.175	0	%100
112	M118A	Z	-.101	-.101	0	%100
113	M121	X	.175	.175	0	%100
114	M121	Z	-.101	-.101	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	RAY	X	.96	.96	0	%100
4	RAY	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	.641	.641	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	.675	.675	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	.675	.675	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	1.62	1.62	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	1.237	1.237	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	1.303	1.303	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	1.62	1.62	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	1.237	1.237	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	1.303	1.303	0	%100
28	M91	Z	0	0	0	%100
29	M52A	X	.24	.24	0	%100
30	M52A	Z	0	0	0	%100
31	M53	X	.609	.609	0	%100
32	M53	Z	0	0	0	%100
33	M54	X	.609	.609	0	%100
34	M54	Z	0	0	0	%100
35	M55	X	1.215	1.215	0	%100
36	M55	Z	0	0	0	%100
37	M58A	X	.675	.675	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	0	0	0	%100
41	M63	X	.405	.405	0	%100
42	M63	Z	0	0	0	%100
43	M64	X	1.237	1.237	0	%100
44	M64	Z	0	0	0	%100
45	M66	X	1.303	1.303	0	%100
46	M66	Z	0	0	0	%100
47	M68	X	.405	.405	0	%100
48	M68	Z	0	0	0	%100
49	M69	X	0	0	0	%100
50	M69	Z	0	0	0	%100
51	M71	X	0	0	0	%100
52	M71	Z	0	0	0	%100
53	M76A	X	.24	.24	0	%100
54	M76A	Z	0	0	0	%100
55	M77A	X	.609	.609	0	%100
56	M77A	Z	0	0	0	%100
57	M78	X	.609	.609	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
58	M78	Z	0	0	0	%100
59	M79A	X	1.215	1.215	0	%100
60	M79A	Z	0	0	0	%100
61	M82	X	0	0	0	%100
62	M82	Z	0	0	0	%100
63	M83A	X	.675	.675	0	%100
64	M83A	Z	0	0	0	%100
65	M87	X	.405	.405	0	%100
66	M87	Z	0	0	0	%100
67	M88A	X	0	0	0	%100
68	M88A	Z	0	0	0	%100
69	M90	X	0	0	0	%100
70	M90	Z	0	0	0	%100
71	M92A	X	.405	.405	0	%100
72	M92A	Z	0	0	0	%100
73	M93	X	1.237	1.237	0	%100
74	M93	Z	0	0	0	%100
75	M95	X	1.303	1.303	0	%100
76	M95	Z	0	0	0	%100
77	M82A	X	.658	.658	0	%100
78	M82A	Z	0	0	0	%100
79	M91B	X	.658	.658	0	%100
80	M91B	Z	0	0	0	%100
81	M100	X	0	0	0	%100
82	M100	Z	0	0	0	%100
83	MP2A	X	.641	.641	0	%100
84	MP2A	Z	0	0	0	%100
85	MP3A	X	.641	.641	0	%100
86	MP3A	Z	0	0	0	%100
87	MP4A	X	.641	.641	0	%100
88	MP4A	Z	0	0	0	%100
89	MP1C	X	.641	.641	0	%100
90	MP1C	Z	0	0	0	%100
91	M91C	X	.481	.481	0	%100
92	M91C	Z	0	0	0	%100
93	MP2C	X	.641	.641	0	%100
94	MP2C	Z	0	0	0	%100
95	MP3C	X	.641	.641	0	%100
96	MP3C	Z	0	0	0	%100
97	MP4C	X	.641	.641	0	%100
98	MP4C	Z	0	0	0	%100
99	MP1B	X	.641	.641	0	%100
100	MP1B	Z	0	0	0	%100
101	M104	X	.481	.481	0	%100
102	M104	Z	0	0	0	%100
103	MP2B	X	.641	.641	0	%100
104	MP2B	Z	0	0	0	%100
105	MP3B	X	.641	.641	0	%100
106	MP3B	Z	0	0	0	%100
107	MP4B	X	.641	.641	0	%100
108	MP4B	Z	0	0	0	%100
109	M118	X	.606	.606	0	%100
110	M118	Z	0	0	0	%100
111	M118A	X	.606	.606	0	%100
112	M118A	Z	0	0	0	%100
113	M121	X	0	0	0	%100
114	M121	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[l...	Start Location[in,..	End Location[in,...
1	M1	X	.19	.19	0	%100
2	M1	Z	.11	.11	0	%100
3	RAY	X	.623	.623	0	%100
4	RAY	Z	.36	.36	0	%100
5	M10	X	.176	.176	0	%100
6	M10	Z	.102	.102	0	%100
7	MP1A	X	.537	.537	0	%100
8	MP1A	Z	.31	.31	0	%100
9	M43	X	.176	.176	0	%100
10	M43	Z	.102	.102	0	%100
11	M46	X	.351	.351	0	%100
12	M46	Z	.202	.202	0	%100
13	M51B	X	.195	.195	0	%100
14	M51B	Z	.112	.112	0	%100
15	M52B	X	.779	.779	0	%100
16	M52B	Z	.45	.45	0	%100
17	M76	X	1.052	1.052	0	%100
18	M76	Z	.607	.607	0	%100
19	M77	X	.357	.357	0	%100
20	M77	Z	.206	.206	0	%100
21	M80	X	.376	.376	0	%100
22	M80	Z	.217	.217	0	%100
23	M84	X	1.052	1.052	0	%100
24	M84	Z	.607	.607	0	%100
25	M85	X	1.429	1.429	0	%100
26	M85	Z	.825	.825	0	%100
27	M91	X	1.505	1.505	0	%100
28	M91	Z	.869	.869	0	%100
29	M52A	X	.623	.623	0	%100
30	M52A	Z	.36	.36	0	%100
31	M53	X	.176	.176	0	%100
32	M53	Z	.102	.102	0	%100
33	M54	X	.176	.176	0	%100
34	M54	Z	.102	.102	0	%100
35	M55	X	.351	.351	0	%100
36	M55	Z	.202	.202	0	%100
37	M58A	X	.779	.779	0	%100
38	M58A	Z	.45	.45	0	%100
39	M59A	X	.195	.195	0	%100
40	M59A	Z	.112	.112	0	%100
41	M63	X	1.052	1.052	0	%100
42	M63	Z	.607	.607	0	%100
43	M64	X	1.429	1.429	0	%100
44	M64	Z	.825	.825	0	%100
45	M66	X	1.505	1.505	0	%100
46	M66	Z	.869	.869	0	%100
47	M68	X	1.052	1.052	0	%100
48	M68	Z	.607	.607	0	%100
49	M69	X	.357	.357	0	%100
50	M69	Z	.206	.206	0	%100
51	M71	X	.376	.376	0	%100
52	M71	Z	.217	.217	0	%100
53	M76A	X	0	0	0	%100
54	M76A	Z	0	0	0	%100
55	M77A	X	.703	.703	0	%100
56	M77A	Z	.406	.406	0	%100
57	M78	X	.703	.703	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
58	M78	Z	.406	.406	0	%100
59	M79A	X	1.403	1.403	0	%100
60	M79A	Z	.81	.81	0	%100
61	M82	X	.195	.195	0	%100
62	M82	Z	.112	.112	0	%100
63	M83A	X	.195	.195	0	%100
64	M83A	Z	.112	.112	0	%100
65	M87	X	0	0	0	%100
66	M87	Z	0	0	0	%100
67	M88A	X	.357	.357	0	%100
68	M88A	Z	.206	.206	0	%100
69	M90	X	.376	.376	0	%100
70	M90	Z	.217	.217	0	%100
71	M92A	X	0	0	0	%100
72	M92A	Z	0	0	0	%100
73	M93	X	.357	.357	0	%100
74	M93	Z	.206	.206	0	%100
75	M95	X	.376	.376	0	%100
76	M95	Z	.217	.217	0	%100
77	M82A	X	.19	.19	0	%100
78	M82A	Z	.11	.11	0	%100
79	M91B	X	.76	.76	0	%100
80	M91B	Z	.439	.439	0	%100
81	M100	X	.139	.139	0	%100
82	M100	Z	.08	.08	0	%100
83	MP2A	X	.537	.537	0	%100
84	MP2A	Z	.31	.31	0	%100
85	MP3A	X	.537	.537	0	%100
86	MP3A	Z	.31	.31	0	%100
87	MP4A	X	.537	.537	0	%100
88	MP4A	Z	.31	.31	0	%100
89	MP1C	X	.537	.537	0	%100
90	MP1C	Z	.31	.31	0	%100
91	M91C	X	.139	.139	0	%100
92	M91C	Z	.08	.08	0	%100
93	MP2C	X	.537	.537	0	%100
94	MP2C	Z	.31	.31	0	%100
95	MP3C	X	.537	.537	0	%100
96	MP3C	Z	.31	.31	0	%100
97	MP4C	X	.537	.537	0	%100
98	MP4C	Z	.31	.31	0	%100
99	MP1B	X	.537	.537	0	%100
100	MP1B	Z	.31	.31	0	%100
101	M104	X	.555	.555	0	%100
102	M104	Z	.321	.321	0	%100
103	MP2B	X	.537	.537	0	%100
104	MP2B	Z	.31	.31	0	%100
105	MP3B	X	.537	.537	0	%100
106	MP3B	Z	.31	.31	0	%100
107	MP4B	X	.537	.537	0	%100
108	MP4B	Z	.31	.31	0	%100
109	M118	X	.175	.175	0	%100
110	M118	Z	.101	.101	0	%100
111	M118A	X	.7	.7	0	%100
112	M118A	Z	.404	.404	0	%100
113	M121	X	.175	.175	0	%100
114	M121	Z	.101	.101	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	.329	.329	0	%100
2	M1	Z	.57	.57	0	%100
3	RAY	X	.12	.12	0	%100
4	RAY	Z	.208	.208	0	%100
5	M10	X	.305	.305	0	%100
6	M10	Z	.527	.527	0	%100
7	MP1A	X	.289	.289	0	%100
8	MP1A	Z	.501	.501	0	%100
9	M43	X	.305	.305	0	%100
10	M43	Z	.527	.527	0	%100
11	M46	X	.607	.607	0	%100
12	M46	Z	1.052	1.052	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	.337	.337	0	%100
16	M52B	Z	.584	.584	0	%100
17	M76	X	.202	.202	0	%100
18	M76	Z	.351	.351	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	.202	.202	0	%100
24	M84	Z	.351	.351	0	%100
25	M85	X	.619	.619	0	%100
26	M85	Z	1.072	1.072	0	%100
27	M91	X	.652	.652	0	%100
28	M91	Z	1.129	1.129	0	%100
29	M52A	X	.48	.48	0	%100
30	M52A	Z	.831	.831	0	%100
31	M53	X	0	0	0	%100
32	M53	Z	0	0	0	%100
33	M54	X	0	0	0	%100
34	M54	Z	0	0	0	%100
35	M55	X	0	0	0	%100
36	M55	Z	0	0	0	%100
37	M58A	X	.337	.337	0	%100
38	M58A	Z	.584	.584	0	%100
39	M59A	X	.337	.337	0	%100
40	M59A	Z	.584	.584	0	%100
41	M63	X	.81	.81	0	%100
42	M63	Z	1.403	1.403	0	%100
43	M64	X	.619	.619	0	%100
44	M64	Z	1.072	1.072	0	%100
45	M66	X	.652	.652	0	%100
46	M66	Z	1.129	1.129	0	%100
47	M68	X	.81	.81	0	%100
48	M68	Z	1.403	1.403	0	%100
49	M69	X	.619	.619	0	%100
50	M69	Z	1.072	1.072	0	%100
51	M71	X	.652	.652	0	%100
52	M71	Z	1.129	1.129	0	%100
53	M76A	X	.12	.12	0	%100
54	M76A	Z	.208	.208	0	%100
55	M77A	X	.305	.305	0	%100
56	M77A	Z	.527	.527	0	%100
57	M78	X	.305	.305	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
58	M78	Z	.527	.527	0	%100
59	M79A	X	.607	.607	0	%100
60	M79A	Z	1.052	1.052	0	%100
61	M82	X	.337	.337	0	%100
62	M82	Z	.584	.584	0	%100
63	M83A	X	0	0	0	%100
64	M83A	Z	0	0	0	%100
65	M87	X	.202	.202	0	%100
66	M87	Z	.351	.351	0	%100
67	M88A	X	.619	.619	0	%100
68	M88A	Z	1.072	1.072	0	%100
69	M90	X	.652	.652	0	%100
70	M90	Z	1.129	1.129	0	%100
71	M92A	X	.202	.202	0	%100
72	M92A	Z	.351	.351	0	%100
73	M93	X	0	0	0	%100
74	M93	Z	0	0	0	%100
75	M95	X	0	0	0	%100
76	M95	Z	0	0	0	%100
77	M82A	X	0	0	0	%100
78	M82A	Z	0	0	0	%100
79	M91B	X	.329	.329	0	%100
80	M91B	Z	.57	.57	0	%100
81	M100	X	.24	.24	0	%100
82	M100	Z	.416	.416	0	%100
83	MP2A	X	.289	.289	0	%100
84	MP2A	Z	.501	.501	0	%100
85	MP3A	X	.289	.289	0	%100
86	MP3A	Z	.501	.501	0	%100
87	MP4A	X	.289	.289	0	%100
88	MP4A	Z	.501	.501	0	%100
89	MP1C	X	.289	.289	0	%100
90	MP1C	Z	.501	.501	0	%100
91	M91C	X	0	0	0	%100
92	M91C	Z	0	0	0	%100
93	MP2C	X	.289	.289	0	%100
94	MP2C	Z	.501	.501	0	%100
95	MP3C	X	.289	.289	0	%100
96	MP3C	Z	.501	.501	0	%100
97	MP4C	X	.289	.289	0	%100
98	MP4C	Z	.501	.501	0	%100
99	MP1B	X	.289	.289	0	%100
100	MP1B	Z	.501	.501	0	%100
101	M104	X	.24	.24	0	%100
102	M104	Z	.416	.416	0	%100
103	MP2B	X	.289	.289	0	%100
104	MP2B	Z	.501	.501	0	%100
105	MP3B	X	.289	.289	0	%100
106	MP3B	Z	.501	.501	0	%100
107	MP4B	X	.289	.289	0	%100
108	MP4B	Z	.501	.501	0	%100
109	M118	X	0	0	0	%100
110	M118	Z	0	0	0	%100
111	M118A	X	.303	.303	0	%100
112	M118A	Z	.525	.525	0	%100
113	M121	X	.303	.303	0	%100
114	M121	Z	.525	.525	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	0	0	0	%100
2	M1	Z	.877	.877	0	%100
3	RAY	X	0	0	0	%100
4	RAY	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	.812	.812	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	.558	.558	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	.812	.812	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	1.62	1.62	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	.225	.225	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	.225	.225	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	.412	.412	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	.434	.434	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	.412	.412	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	.434	.434	0	%100
29	M52A	X	0	0	0	%100
30	M52A	Z	.72	.72	0	%100
31	M53	X	0	0	0	%100
32	M53	Z	.203	.203	0	%100
33	M54	X	0	0	0	%100
34	M54	Z	.203	.203	0	%100
35	M55	X	0	0	0	%100
36	M55	Z	.405	.405	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	.225	.225	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	.899	.899	0	%100
41	M63	X	0	0	0	%100
42	M63	Z	1.215	1.215	0	%100
43	M64	X	0	0	0	%100
44	M64	Z	.412	.412	0	%100
45	M66	X	0	0	0	%100
46	M66	Z	.434	.434	0	%100
47	M68	X	0	0	0	%100
48	M68	Z	1.215	1.215	0	%100
49	M69	X	0	0	0	%100
50	M69	Z	1.65	1.65	0	%100
51	M71	X	0	0	0	%100
52	M71	Z	1.738	1.738	0	%100
53	M76A	X	0	0	0	%100
54	M76A	Z	.72	.72	0	%100
55	M77A	X	0	0	0	%100
56	M77A	Z	.203	.203	0	%100
57	M78	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[l...	Start Location[in,..	End Location[in,...
58	M78	Z	.203	.203	0	%100
59	M79A	X	0	0	0	%100
60	M79A	Z	.405	.405	0	%100
61	M82	X	0	0	0	%100
62	M82	Z	.899	.899	0	%100
63	M83A	X	0	0	0	%100
64	M83A	Z	.225	.225	0	%100
65	M87	X	0	0	0	%100
66	M87	Z	1.215	1.215	0	%100
67	M88A	X	0	0	0	%100
68	M88A	Z	1.65	1.65	0	%100
69	M90	X	0	0	0	%100
70	M90	Z	1.738	1.738	0	%100
71	M92A	X	0	0	0	%100
72	M92A	Z	1.215	1.215	0	%100
73	M93	X	0	0	0	%100
74	M93	Z	.412	.412	0	%100
75	M95	X	0	0	0	%100
76	M95	Z	.434	.434	0	%100
77	M82A	X	0	0	0	%100
78	M82A	Z	.219	.219	0	%100
79	M91B	X	0	0	0	%100
80	M91B	Z	.219	.219	0	%100
81	M100	X	0	0	0	%100
82	M100	Z	.641	.641	0	%100
83	MP2A	X	0	0	0	%100
84	MP2A	Z	.558	.558	0	%100
85	MP3A	X	0	0	0	%100
86	MP3A	Z	.558	.558	0	%100
87	MP4A	X	0	0	0	%100
88	MP4A	Z	.558	.558	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	.558	.558	0	%100
91	M91C	X	0	0	0	%100
92	M91C	Z	.16	.16	0	%100
93	MP2C	X	0	0	0	%100
94	MP2C	Z	.558	.558	0	%100
95	MP3C	X	0	0	0	%100
96	MP3C	Z	.558	.558	0	%100
97	MP4C	X	0	0	0	%100
98	MP4C	Z	.558	.558	0	%100
99	MP1B	X	0	0	0	%100
100	MP1B	Z	.558	.558	0	%100
101	M104	X	0	0	0	%100
102	M104	Z	.16	.16	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	.558	.558	0	%100
105	MP3B	X	0	0	0	%100
106	MP3B	Z	.558	.558	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	.558	.558	0	%100
109	M118	X	0	0	0	%100
110	M118	Z	.202	.202	0	%100
111	M118A	X	0	0	0	%100
112	M118A	Z	.202	.202	0	%100
113	M121	X	0	0	0	%100
114	M121	Z	.808	.808	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	-.329	-.329	0	%100
2	M1	Z	.57	.57	0	%100
3	RAY	X	-.12	-.12	0	%100
4	RAY	Z	.208	.208	0	%100
5	M10	X	-.305	-.305	0	%100
6	M10	Z	.527	.527	0	%100
7	MP1A	X	-.289	-.289	0	%100
8	MP1A	Z	.501	.501	0	%100
9	M43	X	-.305	-.305	0	%100
10	M43	Z	.527	.527	0	%100
11	M46	X	-.607	-.607	0	%100
12	M46	Z	1.052	1.052	0	%100
13	M51B	X	-.337	-.337	0	%100
14	M51B	Z	.584	.584	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-.202	-.202	0	%100
18	M76	Z	.351	.351	0	%100
19	M77	X	-.619	-.619	0	%100
20	M77	Z	1.072	1.072	0	%100
21	M80	X	-.652	-.652	0	%100
22	M80	Z	1.129	1.129	0	%100
23	M84	X	-.202	-.202	0	%100
24	M84	Z	.351	.351	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	M52A	X	-.12	-.12	0	%100
30	M52A	Z	.208	.208	0	%100
31	M53	X	-.305	-.305	0	%100
32	M53	Z	.527	.527	0	%100
33	M54	X	-.305	-.305	0	%100
34	M54	Z	.527	.527	0	%100
35	M55	X	-.607	-.607	0	%100
36	M55	Z	1.052	1.052	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	-.337	-.337	0	%100
40	M59A	Z	.584	.584	0	%100
41	M63	X	-.202	-.202	0	%100
42	M63	Z	.351	.351	0	%100
43	M64	X	0	0	0	%100
44	M64	Z	0	0	0	%100
45	M66	X	0	0	0	%100
46	M66	Z	0	0	0	%100
47	M68	X	-.202	-.202	0	%100
48	M68	Z	.351	.351	0	%100
49	M69	X	-.619	-.619	0	%100
50	M69	Z	1.072	1.072	0	%100
51	M71	X	-.652	-.652	0	%100
52	M71	Z	1.129	1.129	0	%100
53	M76A	X	-.48	-.48	0	%100
54	M76A	Z	.831	.831	0	%100
55	M77A	X	0	0	0	%100
56	M77A	Z	0	0	0	%100
57	M78	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
58	M78	Z	0	0	0	%100
59	M79A	X	0	0	0	%100
60	M79A	Z	0	0	0	%100
61	M82	X	-.337	-.337	0	%100
62	M82	Z	.584	.584	0	%100
63	M83A	X	-.337	-.337	0	%100
64	M83A	Z	.584	.584	0	%100
65	M87	X	-.81	-.81	0	%100
66	M87	Z	1.403	1.403	0	%100
67	M88A	X	-.619	-.619	0	%100
68	M88A	Z	1.072	1.072	0	%100
69	M90	X	-.652	-.652	0	%100
70	M90	Z	1.129	1.129	0	%100
71	M92A	X	-.81	-.81	0	%100
72	M92A	Z	1.403	1.403	0	%100
73	M93	X	-.619	-.619	0	%100
74	M93	Z	1.072	1.072	0	%100
75	M95	X	-.652	-.652	0	%100
76	M95	Z	1.129	1.129	0	%100
77	M82A	X	-.329	-.329	0	%100
78	M82A	Z	.57	.57	0	%100
79	M91B	X	0	0	0	%100
80	M91B	Z	0	0	0	%100
81	M100	X	-.24	-.24	0	%100
82	M100	Z	.416	.416	0	%100
83	MP2A	X	-.289	-.289	0	%100
84	MP2A	Z	.501	.501	0	%100
85	MP3A	X	-.289	-.289	0	%100
86	MP3A	Z	.501	.501	0	%100
87	MP4A	X	-.289	-.289	0	%100
88	MP4A	Z	.501	.501	0	%100
89	MP1C	X	-.289	-.289	0	%100
90	MP1C	Z	.501	.501	0	%100
91	M91C	X	-.24	-.24	0	%100
92	M91C	Z	.416	.416	0	%100
93	MP2C	X	-.289	-.289	0	%100
94	MP2C	Z	.501	.501	0	%100
95	MP3C	X	-.289	-.289	0	%100
96	MP3C	Z	.501	.501	0	%100
97	MP4C	X	-.289	-.289	0	%100
98	MP4C	Z	.501	.501	0	%100
99	MP1B	X	-.289	-.289	0	%100
100	MP1B	Z	.501	.501	0	%100
101	M104	X	0	0	0	%100
102	M104	Z	0	0	0	%100
103	MP2B	X	-.289	-.289	0	%100
104	MP2B	Z	.501	.501	0	%100
105	MP3B	X	-.289	-.289	0	%100
106	MP3B	Z	.501	.501	0	%100
107	MP4B	X	-.289	-.289	0	%100
108	MP4B	Z	.501	.501	0	%100
109	M118	X	-.303	-.303	0	%100
110	M118	Z	.525	.525	0	%100
111	M118A	X	0	0	0	%100
112	M118A	Z	0	0	0	%100
113	M121	X	-.303	-.303	0	%100
114	M121	Z	.525	.525	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	-.19	-.19	0	%100
2	M1	Z	.11	.11	0	%100
3	RAY	X	-.623	-.623	0	%100
4	RAY	Z	.36	.36	0	%100
5	M10	X	-.176	-.176	0	%100
6	M10	Z	.102	.102	0	%100
7	MP1A	X	-.537	-.537	0	%100
8	MP1A	Z	.31	.31	0	%100
9	M43	X	-.176	-.176	0	%100
10	M43	Z	.102	.102	0	%100
11	M46	X	-.351	-.351	0	%100
12	M46	Z	.202	.202	0	%100
13	M51B	X	-.779	-.779	0	%100
14	M51B	Z	.45	.45	0	%100
15	M52B	X	-.195	-.195	0	%100
16	M52B	Z	.112	.112	0	%100
17	M76	X	-1.052	-1.052	0	%100
18	M76	Z	.607	.607	0	%100
19	M77	X	-1.429	-1.429	0	%100
20	M77	Z	.825	.825	0	%100
21	M80	X	-1.505	-1.505	0	%100
22	M80	Z	.869	.869	0	%100
23	M84	X	-1.052	-1.052	0	%100
24	M84	Z	.607	.607	0	%100
25	M85	X	-.357	-.357	0	%100
26	M85	Z	.206	.206	0	%100
27	M91	X	-.376	-.376	0	%100
28	M91	Z	.217	.217	0	%100
29	M52A	X	0	0	0	%100
30	M52A	Z	0	0	0	%100
31	M53	X	-.703	-.703	0	%100
32	M53	Z	.406	.406	0	%100
33	M54	X	-.703	-.703	0	%100
34	M54	Z	.406	.406	0	%100
35	M55	X	-1.403	-1.403	0	%100
36	M55	Z	.81	.81	0	%100
37	M58A	X	-.195	-.195	0	%100
38	M58A	Z	.112	.112	0	%100
39	M59A	X	-.195	-.195	0	%100
40	M59A	Z	.112	.112	0	%100
41	M63	X	0	0	0	%100
42	M63	Z	0	0	0	%100
43	M64	X	-.357	-.357	0	%100
44	M64	Z	.206	.206	0	%100
45	M66	X	-.376	-.376	0	%100
46	M66	Z	.217	.217	0	%100
47	M68	X	0	0	0	%100
48	M68	Z	0	0	0	%100
49	M69	X	-.357	-.357	0	%100
50	M69	Z	.206	.206	0	%100
51	M71	X	-.376	-.376	0	%100
52	M71	Z	.217	.217	0	%100
53	M76A	X	-.623	-.623	0	%100
54	M76A	Z	.36	.36	0	%100
55	M77A	X	-.176	-.176	0	%100
56	M77A	Z	.102	.102	0	%100
57	M78	X	-.176	-.176	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
58	M78	Z	.102	.102	0	%100
59	M79A	X	-.351	-.351	0	%100
60	M79A	Z	.202	.202	0	%100
61	M82	X	-.195	-.195	0	%100
62	M82	Z	.112	.112	0	%100
63	M83A	X	-.779	-.779	0	%100
64	M83A	Z	.45	.45	0	%100
65	M87	X	-1.052	-1.052	0	%100
66	M87	Z	.607	.607	0	%100
67	M88A	X	-.357	-.357	0	%100
68	M88A	Z	.206	.206	0	%100
69	M90	X	-.376	-.376	0	%100
70	M90	Z	.217	.217	0	%100
71	M92A	X	-1.052	-1.052	0	%100
72	M92A	Z	.607	.607	0	%100
73	M93	X	-1.429	-1.429	0	%100
74	M93	Z	.825	.825	0	%100
75	M95	X	-1.505	-1.505	0	%100
76	M95	Z	.869	.869	0	%100
77	M82A	X	-.76	-.76	0	%100
78	M82A	Z	.439	.439	0	%100
79	M91B	X	-.19	-.19	0	%100
80	M91B	Z	.11	.11	0	%100
81	M100	X	-.139	-.139	0	%100
82	M100	Z	.08	.08	0	%100
83	MP2A	X	-.537	-.537	0	%100
84	MP2A	Z	.31	.31	0	%100
85	MP3A	X	-.537	-.537	0	%100
86	MP3A	Z	.31	.31	0	%100
87	MP4A	X	-.537	-.537	0	%100
88	MP4A	Z	.31	.31	0	%100
89	MP1C	X	-.537	-.537	0	%100
90	MP1C	Z	.31	.31	0	%100
91	M91C	X	-.555	-.555	0	%100
92	M91C	Z	.321	.321	0	%100
93	MP2C	X	-.537	-.537	0	%100
94	MP2C	Z	.31	.31	0	%100
95	MP3C	X	-.537	-.537	0	%100
96	MP3C	Z	.31	.31	0	%100
97	MP4C	X	-.537	-.537	0	%100
98	MP4C	Z	.31	.31	0	%100
99	MP1B	X	-.537	-.537	0	%100
100	MP1B	Z	.31	.31	0	%100
101	M104	X	-.139	-.139	0	%100
102	M104	Z	.08	.08	0	%100
103	MP2B	X	-.537	-.537	0	%100
104	MP2B	Z	.31	.31	0	%100
105	MP3B	X	-.537	-.537	0	%100
106	MP3B	Z	.31	.31	0	%100
107	MP4B	X	-.537	-.537	0	%100
108	MP4B	Z	.31	.31	0	%100
109	M118	X	-.7	-.7	0	%100
110	M118	Z	.404	.404	0	%100
111	M118A	X	-.175	-.175	0	%100
112	M118A	Z	.101	.101	0	%100
113	M121	X	-.175	-.175	0	%100
114	M121	Z	.101	.101	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	RAY	X	-.96	-.96	0	%100
4	RAY	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	-.641	-.641	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	-.675	-.675	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-.675	-.675	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-1.62	-1.62	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	-1.237	-1.237	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	-1.303	-1.303	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-1.62	-1.62	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	-1.237	-1.237	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	-1.303	-1.303	0	%100
28	M91	Z	0	0	0	%100
29	M52A	X	-.24	-.24	0	%100
30	M52A	Z	0	0	0	%100
31	M53	X	-.609	-.609	0	%100
32	M53	Z	0	0	0	%100
33	M54	X	-.609	-.609	0	%100
34	M54	Z	0	0	0	%100
35	M55	X	-1.215	-1.215	0	%100
36	M55	Z	0	0	0	%100
37	M58A	X	-.675	-.675	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	0	0	0	%100
41	M63	X	-.405	-.405	0	%100
42	M63	Z	0	0	0	%100
43	M64	X	-1.237	-1.237	0	%100
44	M64	Z	0	0	0	%100
45	M66	X	-1.303	-1.303	0	%100
46	M66	Z	0	0	0	%100
47	M68	X	-.405	-.405	0	%100
48	M68	Z	0	0	0	%100
49	M69	X	0	0	0	%100
50	M69	Z	0	0	0	%100
51	M71	X	0	0	0	%100
52	M71	Z	0	0	0	%100
53	M76A	X	-.24	-.24	0	%100
54	M76A	Z	0	0	0	%100
55	M77A	X	-.609	-.609	0	%100
56	M77A	Z	0	0	0	%100
57	M78	X	-.609	-.609	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
58	M78	Z	0	0	0	%100
59	M79A	X	-1.215	-1.215	0	%100
60	M79A	Z	0	0	0	%100
61	M82	X	0	0	0	%100
62	M82	Z	0	0	0	%100
63	M83A	X	-.675	-.675	0	%100
64	M83A	Z	0	0	0	%100
65	M87	X	-.405	-.405	0	%100
66	M87	Z	0	0	0	%100
67	M88A	X	0	0	0	%100
68	M88A	Z	0	0	0	%100
69	M90	X	0	0	0	%100
70	M90	Z	0	0	0	%100
71	M92A	X	-.405	-.405	0	%100
72	M92A	Z	0	0	0	%100
73	M93	X	-1.237	-1.237	0	%100
74	M93	Z	0	0	0	%100
75	M95	X	-1.303	-1.303	0	%100
76	M95	Z	0	0	0	%100
77	M82A	X	-.658	-.658	0	%100
78	M82A	Z	0	0	0	%100
79	M91B	X	-.658	-.658	0	%100
80	M91B	Z	0	0	0	%100
81	M100	X	0	0	0	%100
82	M100	Z	0	0	0	%100
83	MP2A	X	-.641	-.641	0	%100
84	MP2A	Z	0	0	0	%100
85	MP3A	X	-.641	-.641	0	%100
86	MP3A	Z	0	0	0	%100
87	MP4A	X	-.641	-.641	0	%100
88	MP4A	Z	0	0	0	%100
89	MP1C	X	-.641	-.641	0	%100
90	MP1C	Z	0	0	0	%100
91	M91C	X	-.481	-.481	0	%100
92	M91C	Z	0	0	0	%100
93	MP2C	X	-.641	-.641	0	%100
94	MP2C	Z	0	0	0	%100
95	MP3C	X	-.641	-.641	0	%100
96	MP3C	Z	0	0	0	%100
97	MP4C	X	-.641	-.641	0	%100
98	MP4C	Z	0	0	0	%100
99	MP1B	X	-.641	-.641	0	%100
100	MP1B	Z	0	0	0	%100
101	M104	X	-.481	-.481	0	%100
102	M104	Z	0	0	0	%100
103	MP2B	X	-.641	-.641	0	%100
104	MP2B	Z	0	0	0	%100
105	MP3B	X	-.641	-.641	0	%100
106	MP3B	Z	0	0	0	%100
107	MP4B	X	-.641	-.641	0	%100
108	MP4B	Z	0	0	0	%100
109	M118	X	-.606	-.606	0	%100
110	M118	Z	0	0	0	%100
111	M118A	X	-.606	-.606	0	%100
112	M118A	Z	0	0	0	%100
113	M121	X	0	0	0	%100
114	M121	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[l...	Start Location[in,..	End Location[in,...
1	M1	X	-.19	-.19	0	%100
2	M1	Z	-.11	-.11	0	%100
3	RAY	X	-.623	-.623	0	%100
4	RAY	Z	-.36	-.36	0	%100
5	M10	X	-.176	-.176	0	%100
6	M10	Z	-.102	-.102	0	%100
7	MP1A	X	-.537	-.537	0	%100
8	MP1A	Z	-.31	-.31	0	%100
9	M43	X	-.176	-.176	0	%100
10	M43	Z	-.102	-.102	0	%100
11	M46	X	-.351	-.351	0	%100
12	M46	Z	-.202	-.202	0	%100
13	M51B	X	-.195	-.195	0	%100
14	M51B	Z	-.112	-.112	0	%100
15	M52B	X	-.779	-.779	0	%100
16	M52B	Z	-.45	-.45	0	%100
17	M76	X	-1.052	-1.052	0	%100
18	M76	Z	-.607	-.607	0	%100
19	M77	X	-.357	-.357	0	%100
20	M77	Z	-.206	-.206	0	%100
21	M80	X	-.376	-.376	0	%100
22	M80	Z	-.217	-.217	0	%100
23	M84	X	-1.052	-1.052	0	%100
24	M84	Z	-.607	-.607	0	%100
25	M85	X	-1.429	-1.429	0	%100
26	M85	Z	-.825	-.825	0	%100
27	M91	X	-1.505	-1.505	0	%100
28	M91	Z	-.869	-.869	0	%100
29	M52A	X	-.623	-.623	0	%100
30	M52A	Z	-.36	-.36	0	%100
31	M53	X	-.176	-.176	0	%100
32	M53	Z	-.102	-.102	0	%100
33	M54	X	-.176	-.176	0	%100
34	M54	Z	-.102	-.102	0	%100
35	M55	X	-.351	-.351	0	%100
36	M55	Z	-.202	-.202	0	%100
37	M58A	X	-.779	-.779	0	%100
38	M58A	Z	-.45	-.45	0	%100
39	M59A	X	-.195	-.195	0	%100
40	M59A	Z	-.112	-.112	0	%100
41	M63	X	-1.052	-1.052	0	%100
42	M63	Z	-.607	-.607	0	%100
43	M64	X	-1.429	-1.429	0	%100
44	M64	Z	-.825	-.825	0	%100
45	M66	X	-1.505	-1.505	0	%100
46	M66	Z	-.869	-.869	0	%100
47	M68	X	-1.052	-1.052	0	%100
48	M68	Z	-.607	-.607	0	%100
49	M69	X	-.357	-.357	0	%100
50	M69	Z	-.206	-.206	0	%100
51	M71	X	-.376	-.376	0	%100
52	M71	Z	-.217	-.217	0	%100
53	M76A	X	0	0	0	%100
54	M76A	Z	0	0	0	%100
55	M77A	X	-.703	-.703	0	%100
56	M77A	Z	-.406	-.406	0	%100
57	M78	X	-.703	-.703	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
58	M78	Z	-.406	-.406	0	%100
59	M79A	X	-1.403	-1.403	0	%100
60	M79A	Z	-.81	-.81	0	%100
61	M82	X	-.195	-.195	0	%100
62	M82	Z	-.112	-.112	0	%100
63	M83A	X	-.195	-.195	0	%100
64	M83A	Z	-.112	-.112	0	%100
65	M87	X	0	0	0	%100
66	M87	Z	0	0	0	%100
67	M88A	X	-.357	-.357	0	%100
68	M88A	Z	-.206	-.206	0	%100
69	M90	X	-.376	-.376	0	%100
70	M90	Z	-.217	-.217	0	%100
71	M92A	X	0	0	0	%100
72	M92A	Z	0	0	0	%100
73	M93	X	-.357	-.357	0	%100
74	M93	Z	-.206	-.206	0	%100
75	M95	X	-.376	-.376	0	%100
76	M95	Z	-.217	-.217	0	%100
77	M82A	X	-.19	-.19	0	%100
78	M82A	Z	-.11	-.11	0	%100
79	M91B	X	-.76	-.76	0	%100
80	M91B	Z	-.439	-.439	0	%100
81	M100	X	-.139	-.139	0	%100
82	M100	Z	-.08	-.08	0	%100
83	MP2A	X	-.537	-.537	0	%100
84	MP2A	Z	-.31	-.31	0	%100
85	MP3A	X	-.537	-.537	0	%100
86	MP3A	Z	-.31	-.31	0	%100
87	MP4A	X	-.537	-.537	0	%100
88	MP4A	Z	-.31	-.31	0	%100
89	MP1C	X	-.537	-.537	0	%100
90	MP1C	Z	-.31	-.31	0	%100
91	M91C	X	-.139	-.139	0	%100
92	M91C	Z	-.08	-.08	0	%100
93	MP2C	X	-.537	-.537	0	%100
94	MP2C	Z	-.31	-.31	0	%100
95	MP3C	X	-.537	-.537	0	%100
96	MP3C	Z	-.31	-.31	0	%100
97	MP4C	X	-.537	-.537	0	%100
98	MP4C	Z	-.31	-.31	0	%100
99	MP1B	X	-.537	-.537	0	%100
100	MP1B	Z	-.31	-.31	0	%100
101	M104	X	-.555	-.555	0	%100
102	M104	Z	-.321	-.321	0	%100
103	MP2B	X	-.537	-.537	0	%100
104	MP2B	Z	-.31	-.31	0	%100
105	MP3B	X	-.537	-.537	0	%100
106	MP3B	Z	-.31	-.31	0	%100
107	MP4B	X	-.537	-.537	0	%100
108	MP4B	Z	-.31	-.31	0	%100
109	M118	X	-.175	-.175	0	%100
110	M118	Z	-.101	-.101	0	%100
111	M118A	X	-.7	-.7	0	%100
112	M118A	Z	-.404	-.404	0	%100
113	M121	X	-.175	-.175	0	%100
114	M121	Z	-.101	-.101	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M1	X	-.329	-.329	0	%100
2	M1	Z	-.57	-.57	0	%100
3	RAY	X	-.12	-.12	0	%100
4	RAY	Z	-.208	-.208	0	%100
5	M10	X	-.305	-.305	0	%100
6	M10	Z	-.527	-.527	0	%100
7	MP1A	X	-.289	-.289	0	%100
8	MP1A	Z	-.501	-.501	0	%100
9	M43	X	-.305	-.305	0	%100
10	M43	Z	-.527	-.527	0	%100
11	M46	X	-.607	-.607	0	%100
12	M46	Z	-1.052	-1.052	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-.337	-.337	0	%100
16	M52B	Z	-.584	-.584	0	%100
17	M76	X	-.202	-.202	0	%100
18	M76	Z	-.351	-.351	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-.202	-.202	0	%100
24	M84	Z	-.351	-.351	0	%100
25	M85	X	-.619	-.619	0	%100
26	M85	Z	-1.072	-1.072	0	%100
27	M91	X	-.652	-.652	0	%100
28	M91	Z	-1.129	-1.129	0	%100
29	M52A	X	-.48	-.48	0	%100
30	M52A	Z	-.831	-.831	0	%100
31	M53	X	0	0	0	%100
32	M53	Z	0	0	0	%100
33	M54	X	0	0	0	%100
34	M54	Z	0	0	0	%100
35	M55	X	0	0	0	%100
36	M55	Z	0	0	0	%100
37	M58A	X	-.337	-.337	0	%100
38	M58A	Z	-.584	-.584	0	%100
39	M59A	X	-.337	-.337	0	%100
40	M59A	Z	-.584	-.584	0	%100
41	M63	X	-.81	-.81	0	%100
42	M63	Z	-1.403	-1.403	0	%100
43	M64	X	-.619	-.619	0	%100
44	M64	Z	-1.072	-1.072	0	%100
45	M66	X	-.652	-.652	0	%100
46	M66	Z	-1.129	-1.129	0	%100
47	M68	X	-.81	-.81	0	%100
48	M68	Z	-1.403	-1.403	0	%100
49	M69	X	-.619	-.619	0	%100
50	M69	Z	-1.072	-1.072	0	%100
51	M71	X	-.652	-.652	0	%100
52	M71	Z	-1.129	-1.129	0	%100
53	M76A	X	-.12	-.12	0	%100
54	M76A	Z	-.208	-.208	0	%100
55	M77A	X	-.305	-.305	0	%100
56	M77A	Z	-.527	-.527	0	%100
57	M78	X	-.305	-.305	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
58	M78	Z	-.527	-.527	0	%100
59	M79A	X	-.607	-.607	0	%100
60	M79A	Z	-1.052	-1.052	0	%100
61	M82	X	-.337	-.337	0	%100
62	M82	Z	-.584	-.584	0	%100
63	M83A	X	0	0	0	%100
64	M83A	Z	0	0	0	%100
65	M87	X	-.202	-.202	0	%100
66	M87	Z	-.351	-.351	0	%100
67	M88A	X	-.619	-.619	0	%100
68	M88A	Z	-1.072	-1.072	0	%100
69	M90	X	-.652	-.652	0	%100
70	M90	Z	-1.129	-1.129	0	%100
71	M92A	X	-.202	-.202	0	%100
72	M92A	Z	-.351	-.351	0	%100
73	M93	X	0	0	0	%100
74	M93	Z	0	0	0	%100
75	M95	X	0	0	0	%100
76	M95	Z	0	0	0	%100
77	M82A	X	0	0	0	%100
78	M82A	Z	0	0	0	%100
79	M91B	X	-.329	-.329	0	%100
80	M91B	Z	-.57	-.57	0	%100
81	M100	X	-.24	-.24	0	%100
82	M100	Z	-.416	-.416	0	%100
83	MP2A	X	-.289	-.289	0	%100
84	MP2A	Z	-.501	-.501	0	%100
85	MP3A	X	-.289	-.289	0	%100
86	MP3A	Z	-.501	-.501	0	%100
87	MP4A	X	-.289	-.289	0	%100
88	MP4A	Z	-.501	-.501	0	%100
89	MP1C	X	-.289	-.289	0	%100
90	MP1C	Z	-.501	-.501	0	%100
91	M91C	X	0	0	0	%100
92	M91C	Z	0	0	0	%100
93	MP2C	X	-.289	-.289	0	%100
94	MP2C	Z	-.501	-.501	0	%100
95	MP3C	X	-.289	-.289	0	%100
96	MP3C	Z	-.501	-.501	0	%100
97	MP4C	X	-.289	-.289	0	%100
98	MP4C	Z	-.501	-.501	0	%100
99	MP1B	X	-.289	-.289	0	%100
100	MP1B	Z	-.501	-.501	0	%100
101	M104	X	-.24	-.24	0	%100
102	M104	Z	-.416	-.416	0	%100
103	MP2B	X	-.289	-.289	0	%100
104	MP2B	Z	-.501	-.501	0	%100
105	MP3B	X	-.289	-.289	0	%100
106	MP3B	Z	-.501	-.501	0	%100
107	MP4B	X	-.289	-.289	0	%100
108	MP4B	Z	-.501	-.501	0	%100
109	M118	X	0	0	0	%100
110	M118	Z	0	0	0	%100
111	M118A	X	-.303	-.303	0	%100
112	M118A	Z	-.525	-.525	0	%100
113	M121	X	-.303	-.303	0	%100
114	M121	Z	-.525	-.525	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M58A	Y	-1.597	-4.066	0	9.988
2	M58A	Y	-4.066	-6.636	9.988	19.976
3	M58A	Y	-6.636	-7.874	19.976	29.964
4	M58A	Y	-7.874	-6.293	29.964	39.953
5	M58A	Y	-6.293	-3.33	39.953	49.941
6	M59A	Y	-3.329	-6.32	0	9.988
7	M59A	Y	-6.32	-7.943	9.988	19.976
8	M59A	Y	-7.943	-6.773	19.976	29.964
9	M59A	Y	-6.773	-4.256	29.964	39.953
10	M59A	Y	-4.256	-1.812	39.953	49.941
11	M51B	Y	-1.812	-4.256	0	9.988
12	M51B	Y	-4.256	-6.773	9.988	19.976
13	M51B	Y	-6.773	-7.943	19.976	29.964
14	M51B	Y	-7.943	-6.32	29.964	39.953
15	M51B	Y	-6.32	-3.329	39.953	49.941
16	M52B	Y	-3.33	-6.293	0	9.988
17	M52B	Y	-6.293	-7.874	9.988	19.976
18	M52B	Y	-7.874	-6.636	19.976	29.964
19	M52B	Y	-6.636	-4.066	29.964	39.953
20	M52B	Y	-4.066	-1.597	39.953	49.941
21	M82	Y	-1.807	-4.258	0	9.988
22	M82	Y	-4.258	-6.771	9.988	19.976
23	M82	Y	-6.771	-7.939	19.976	29.964
24	M82	Y	-7.939	-6.325	29.964	39.953
25	M82	Y	-6.325	-3.336	39.953	49.941
26	M83A	Y	-3.33	-6.293	0	9.988
27	M83A	Y	-6.293	-7.874	9.988	19.976
28	M83A	Y	-7.874	-6.634	19.976	29.964
29	M83A	Y	-6.634	-4.064	29.964	39.953
30	M83A	Y	-4.064	-1.601	39.953	49.941

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
1	M58A	Y	-6.07	-15.45	0	9.988
2	M58A	Y	-15.45	-25.218	9.988	19.976
3	M58A	Y	-25.218	-29.92	19.976	29.964
4	M58A	Y	-29.92	-23.913	29.964	39.953
5	M58A	Y	-23.913	-12.654	39.953	49.941
6	M59A	Y	-12.648	-24.018	0	9.988
7	M59A	Y	-24.018	-30.182	9.988	19.976
8	M59A	Y	-30.182	-25.739	19.976	29.964
9	M59A	Y	-25.739	-16.172	29.964	39.953
10	M59A	Y	-16.172	-6.886	39.953	49.941
11	M51B	Y	-6.886	-16.172	0	9.988
12	M51B	Y	-16.172	-25.739	9.988	19.976
13	M51B	Y	-25.739	-30.182	19.976	29.964
14	M51B	Y	-30.182	-24.018	29.964	39.953
15	M51B	Y	-24.018	-12.648	39.953	49.941
16	M52B	Y	-12.654	-23.913	0	9.988
17	M52B	Y	-23.913	-29.92	9.988	19.976
18	M52B	Y	-29.92	-25.218	19.976	29.964
19	M52B	Y	-25.218	-15.45	29.964	39.953
20	M52B	Y	-15.45	-6.07	39.953	49.941
21	M82	Y	-6.867	-16.18	0	9.988
22	M82	Y	-16.18	-25.729	9.988	19.976
23	M82	Y	-25.729	-30.167	19.976	29.964

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[l...	Start Location[in,..	End Location[in,...
24	M82	Y	-30.167	-24.035	29.964	39.953
25	M82	Y	-24.035	-12.678	39.953	49.941
26	M83A	Y	-12.652	-23.913	0	9.988
27	M83A	Y	-23.913	-29.92	9.988	19.976
28	M83A	Y	-29.92	-25.211	19.976	29.964
29	M83A	Y	-25.211	-15.444	29.964	39.953
30	M83A	Y	-15.444	-6.085	39.953	49.941

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N113	N111	N89	N90	Y	Two Way	-.005
2	N7	N6	N87C	N87B	Y	Two Way	-.005
3	N117	N118	N141	N139	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N113	N111	N89	N90	Y	Two Way	-.019
2	N7	N6	N87C	N87B	Y	Two Way	-.019
3	N117	N118	N141	N139	Y	Two Way	-.019

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	1589.235	10	2722.481	13	2920.248	1	5.638	13	2.601	4	.601	5
2		min	-1580.061	4	-28.574	7	-3086.536	7	-1.298	7	-2.641	10	-.753	11
3	N87D	max	2124.901	9	2528.147	21	2221.541	1	.734	2	2.605	12	1.067	3
4		min	-2268.721	3	-64.897	3	-2143.29	7	-3.039	20	-2.649	6	-4.641	21
5	N115	max	2798.36	10	2540.959	17	1284.421	1	.741	12	2.572	8	4.953	17
6		min	-2658.323	4	-80.708	11	-1196.38	7	-2.663	6	-2.612	2	-1.09	11
7	Totals:	max	6264.008	10	7077.03	13	6426.21	1						
8		min	-6264.006	4	3185.385	7	-6426.206	7						

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

	Member	Shape	Code Check	Loc[in]	LC	Shear Check	Loc[in]	Dir	LC	phi*Pnc [lb]	phi*...	phi*...	phi*...	...	Eqn
1	MP1C	PIPE_...	.851	51.625	6	.431	45.5		1	17855.085	32130	1.872	1.872	...	H3-6
2	MP1B	PIPE_...	.833	51.625	2	.423	45.5		9	17855.085	32130	1.872	1.872	...	H3-6
3	MP1A	PIPE_...	.819	51.625	10	.427	45.5		5	17855.085	32130	1.872	1.872	...	H3-6
4	M91C	PIPE_...	.519	25	5	.430	25		5	6295.422	32130	1.872	1.872	...	H3-6
5	M104	PIPE_...	.518	25	1	.431	25		1	6295.422	32130	1.872	1.872	...	H3-6
6	M100	PIPE_...	.518	25	9	.429	25		9	6295.422	32130	1.872	1.872	...	H3-6
7	RAY	HSS4X...	.490	0	11	.133	0	y	47	97437.38	1061...	12.3...	12.3...	...	H1-...
8	M52A	HSS4X...	.485	0	7	.131	0	y	31	97437.38	1061...	12.3...	12.3...	...	H1-...
9	M76A	HSS4X...	.482	0	3	.124	0	y	3	97437.38	1061...	12.3...	12.3...	...	H1-...
10	MP4C	PIPE_...	.472	51.625	6	.134	51.625		6	17855.085	32130	1.872	1.872	...	H1-...
11	MP3C	PIPE_...	.464	51.625	1	.241	35.875		12	17855.085	32130	1.872	1.872	...	H1-...
12	MP4B	PIPE_...	.463	51.625	2	.132	51.625		2	17855.085	32130	1.872	1.872	...	H1-...
13	MP3A	PIPE_...	.463	51.625	5	.234	35.875		4	17855.085	32130	1.872	1.872	...	H1-...
14	M85	PL3/8x6	.460	2	6	.354	0	y	24	69647.547	70875	.554	8.859	...	H1-...
15	MP4A	PIPE_...	.458	51.625	10	.130	51.625		10	17855.085	32130	1.872	1.872	...	H1-...
16	MP3B	PIPE_...	.455	51.625	9	.237	35.875		8	17855.085	32130	1.872	1.872	...	H1-...
17	M93	PL3/8x6	.449	2	10	.356	0	y	17	69647.547	70875	.554	8.859	...	H1-...
18	M69	PL3/8x6	.446	2	2	.354	0	y	20	69647.547	70875	.554	8.859	...	H1-...
19	M87	PL3/8x6	.422	0	6	.316	0	y	15	68773.774	70875	.554	8.859	...	H1-...

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

	Member	Shape	Code Check	Loc[in]	LC	Shear Check	Loc[in]	Dir	LC	phi*Pnc [lb]	phi*...	phi*...	phi*...	...	Eqn
20	MP2C	PIPE_...	.420	51.625	12	.217	51.625		1	17855.085	32130	1.872	1.872	...	H1-...
21	MP2B	PIPE_...	.416	51.625	8	.214	51.625		9	17855.085	32130	1.872	1.872	...	H1-...
22	M76	PL3/8x6	.416	0	2	.315	0	y	23	68773.774	70875	.554	8.859	...	H1-...
23	MP2A	PIPE_...	.414	51.625	4	.215	51.625		5	17855.085	32130	1.872	1.872	...	H1-...
24	M63	PL3/8x6	.408	0	10	.315	0	y	19	68773.774	70875	.554	8.859	...	H1-...
25	M84	PL3/8x6	.337	0	6	.159	0	y	6	68773.774	70875	.554	8.859	...	H1-...
26	M68	PL3/8x6	.322	0	2	.153	0	y	2	68773.774	70875	.554	8.859	...	H1-...
27	M88A	PL3/8x6	.317	2	12	.345	0	y	17	69647.547	70875	.554	8.859	...	H1-...
28	M92A	PL3/8x6	.317	0	10	.155	0	y	10	68773.774	70875	.554	8.859	...	H1-...
29	M77	PL3/8x6	.316	2	8	.346	0	y	13	69647.547	70875	.554	8.859	...	H1-...
30	M64	PL3/8x6	.310	2	4	.343	0	y	21	69647.547	70875	.554	8.859	...	H1-...
31	M46	PL1/2x6	.291	6.188	6	.094	6.188	y	14	64869.21	94500	.984	11.8...	...	H1-...
32	M55	PL1/2x6	.282	6.188	2	.093	6.188	y	23	64869.21	94500	.984	11.8...	...	H1-...
33	M79A	PL1/2x6	.281	6.188	6	.092	6.188	y	19	64869.21	94500	.984	11.8...	...	H1-...
34	M52B	L2x2x3	.258	0	12	.013	0	y	19	9783.239	22743	.542	1.109	...	H2-1
35	M59A	L2x2x3	.258	0	7	.014	0	y	15	9783.239	22743	.542	1.046	...	H2-1
36	M83A	L2x2x3	.257	0	3	.014	0	y	23	9783.239	22743	.542	1.046	...	H2-1
37	M43	HSS4X...	.249	0	12	.099	25.828	z	12	104265.317	1061...	12.3...	12.3...	...	H1-...
38	M54	HSS4X...	.247	0	8	.097	25.828	z	8	104265.317	1061...	12.3...	12.3...	...	H1-...
39	M78	HSS4X...	.247	0	4	.097	25.828	z	4	104265.317	1061...	12.3...	12.3...	...	H1-...
40	M82A	PIPE_...	.233	59.375	1	.265	59.375		12	28250.554	65205	5.749	5.749	...	H3-6
41	M1	PIPE_...	.230	59.375	5	.256	59.375		5	28250.554	65205	5.749	5.749	...	H3-6
42	M10	HSS4X...	.230	28.5	14	.065	2.672	z	2	104265.317	1061...	12.3...	12.3...	...	H1-...
43	M77A	HSS4X...	.229	28.5	18	.065	2.672	z	6	104265.317	1061...	12.3...	12.3...	...	H1-...
44	M91B	PIPE_...	.228	59.375	9	.259	59.375		8	28250.554	65205	5.749	5.749	...	H3-6
45	M53	HSS4X...	.228	28.5	22	.064	2.672	z	10	104265.317	1061...	12.3...	12.3...	...	H1-...
46	M118	L4X4X4	.211	0	7	.854	20.215	y	1	49711.778	62532	3.138	6.715	...	H2-1
47	M121	L4X4X4	.211	0	11	.848	20.215	y	5	49711.778	62532	3.138	6.715	...	H2-1
48	M118A	L4X4X4	.211	0	3	.848	20.215	y	9	49711.778	62532	3.138	6.715	...	H2-1
49	M82	L2x2x3	.172	49.941	6	.016	49.941	y	19	9783.239	22743	.542	1.099	...	H2-1
50	M58A	L2x2x3	.172	49.941	11	.016	49.941	y	24	9783.239	22743	.542	1.046	...	H2-1
51	M51B	L2x2x3	.171	49.941	2	.016	49.941	y	15	9783.239	22743	.542	1.099	...	H2-1
52	M80	PL1/2x6	.136	1.344	1	.049	1.344	y	21	94081.722	94500	.984	11.8...	...	H1-...
53	M90	PL1/2x6	.135	1.344	5	.049	1.344	y	13	94081.722	94500	.984	11.8...	...	H1-...
54	M66	PL1/2x6	.133	1.344	9	.050	1.344	y	17	94081.722	94500	.984	11.8...	...	H1-...
55	M95	PL1/2x6	.118	1.344	6	.108	0	y	4	94081.722	94500	.984	11.8...	...	H1-...
56	M91	PL1/2x6	.116	1.344	2	.113	0	y	12	94081.722	94500	.984	11.8...	...	H1-...
57	M71	PL1/2x6	.115	1.344	10	.108	0	y	8	94081.722	94500	.984	11.8...	...	H1-...

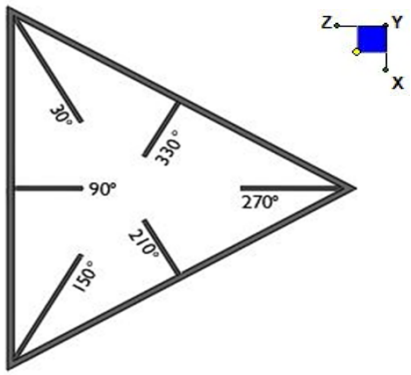
Client:	Verizon Wireless	Date:	12/7/2020
Site Name:	Guilford 3 CT		
Project No.	20777364A		
Title:	Mount Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

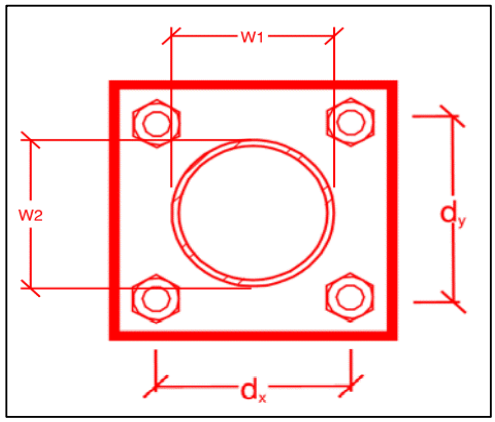
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N3	270
N115	150
N87D	30



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)* :	6
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	6
Bolt Type:	A307
Bolt Diameter (in):	0.625
Required Tensile Strength (kips):	25.1
Required Shear Strength (kips):	5.3
Tensile Strength / bolt (kips):	10.0
Shear Strength / bolt (kips):	6.0
Tensile Capacity Overall:	**62.7%***
Shear Capacity Overall:	**21.9%**



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

Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:	Rect
Plate Width (in):	8
Plate Height (in):	8
W1 (in):	4
W2 (in):	4
Fy (ksi, plate):	36
t_{Plate} (in):	0.625
Weld Size (1/16 in):	3
Phi*Rn (kip/in):	4.18
Required Weld Strength (kip/in):	3.31
Plate Bending Capacity:	**50.6%**
Weld Capacity:	**79.3%**

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	8.5
Phi*Mn_{xx} *(kip-in)* :	25.3
Mu_{yy} *(kip-in)* :	4.3
Phi*Mn_{yy} *(kip-in)* :	25.3

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 ensure that the safety climb wire rope does not interfere with the existing mount connection. Contractor shall reroute the existing safety climb rope between the mount collar's threaded rods and/ or a new safety climb wire rope guide as needed to prevent any interference if needed.

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: 467601-VZW - Guilford 3 CT

Sector: **A**

Structure Type: Self Support

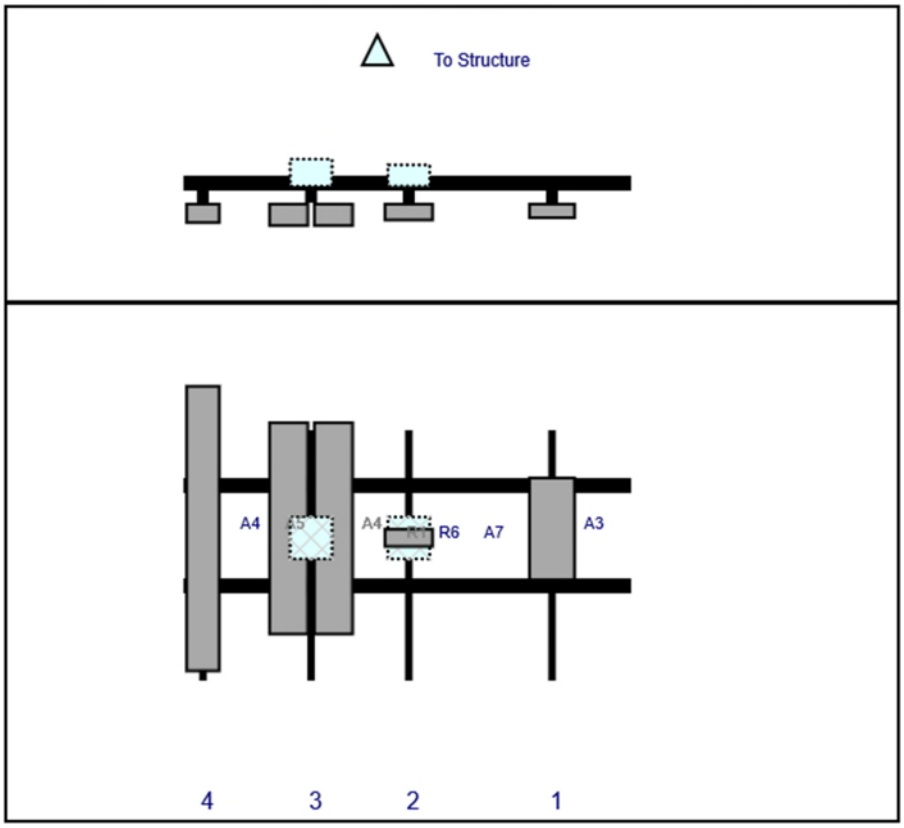
Mount Elev: 148.00

12/4/2020

MASER CONSULTING — CONNECTICUT —

Plan View

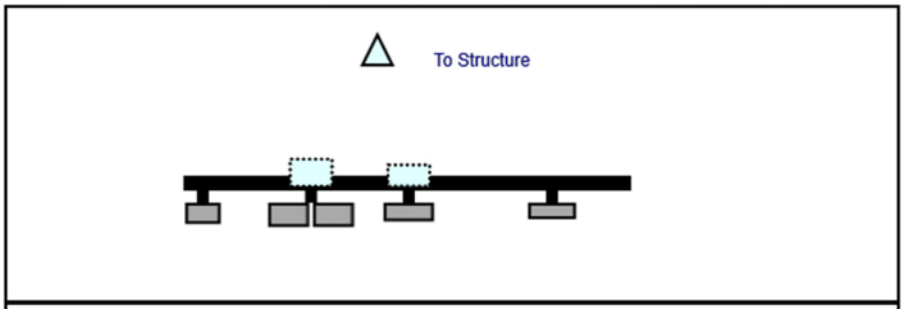
Front View
Looking at Structure



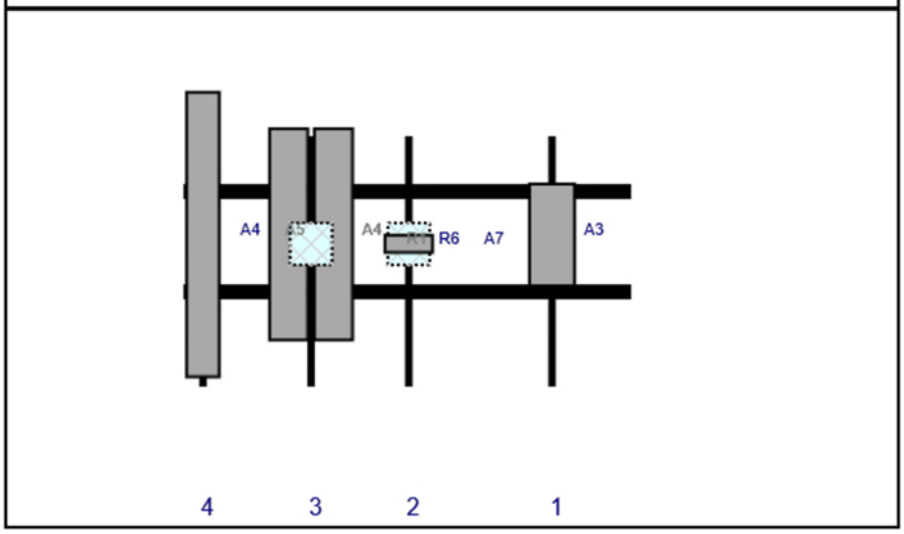
Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A3	L-Sub6 Antenna	35.1	16.1	123.5	1	a	Front	33	0	Added	
R6	B5/B13 RRH-BR04C	15	15	75.5	2	a	Behind	36	0	Retained	11/10/2020
A7	FDJ85020Q4-S1	6.8	16.9	75.5	2	a	Front	36	0	Retained	11/10/2020
A4	JAHH-65B-R3B	72	13.8	42.75	3	a	Front	33	7.5	Retained	11/10/2020
A4	JAHH-65B-R3B	72	13.8	42.75	3	b	Front	33	-7.5	Retained	11/10/2020
R1	B2/B66A RRH-BR049	15	15	42.75	3	a	Behind	36	0	Retained	11/10/2020
A5	LNX-6515DS-A1M	96.4	11.9	6.5	4	a	Front	33	0	Retained	11/10/2020

MASER CONSULTING
— CONNECTICUT—

Plan View



Front View
Looking at Structure

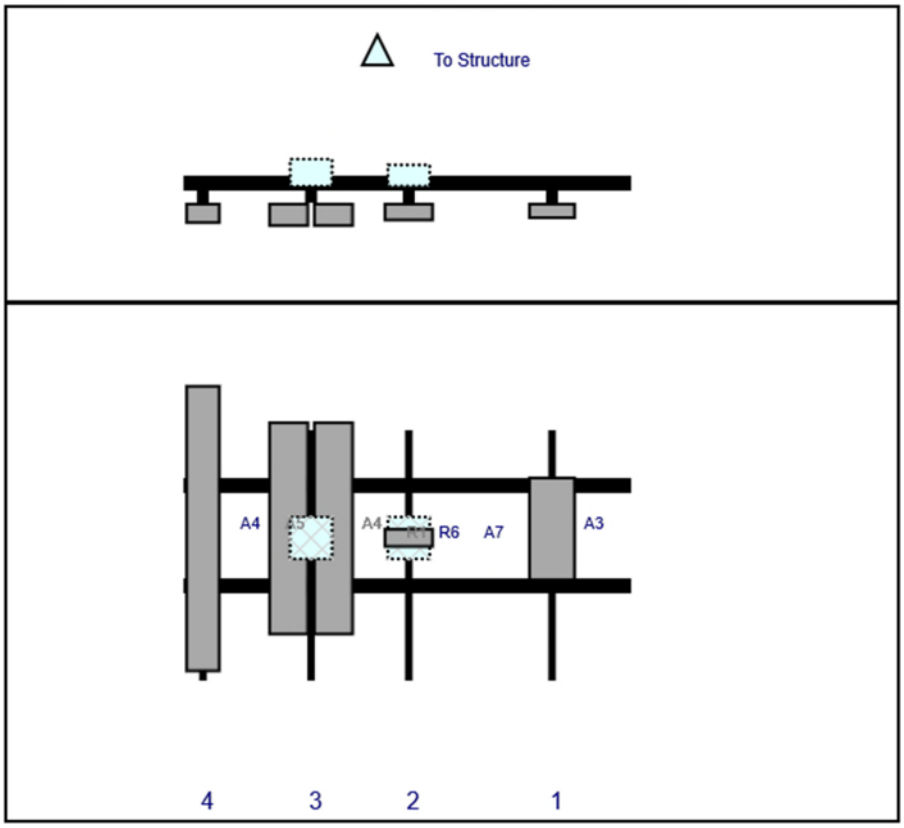


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A3	L-Sub6 Antenna	35.1	16.1	123.5	1	a	Front	33	0	Added	
R6	B5/B13 RRH-BR04C	15	15	75.5	2	a	Behind	36	0	Retained	11/10/2020
A7	FDJ85020Q4-S1	6.8	16.9	75.5	2	a	Front	36	0	Retained	11/10/2020
A4	JAHH-65B-R3B	72	13.8	42.75	3	a	Front	33	7.5	Retained	11/10/2020
A4	JAHH-65B-R3B	72	13.8	42.75	3	b	Front	33	-7.5	Retained	11/10/2020
R1	B2/B66A RRH-BR049	15	15	42.75	3	a	Behind	36	0	Retained	11/10/2020
A5	LNX-6515DS-A1M	96.4	11.9	6.5	4	a	Front	33	0	Retained	11/10/2020

MASER CONSULTING
— CONNECTICUT —

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
A3	L-Sub6 Antenna	35.1	16.1	123.5	1	a	Front	33	0	Added	
R6	B5/B13 RRH-BR04C	15	15	75.5	2	a	Behind	36	0	Retained	11/10/2020
A7	FDJ85020Q4-S1	6.8	16.9	75.5	2	a	Front	36	0	Retained	11/10/2020
A4	JAHH-65B-R3B	72	13.8	42.75	3	a	Front	33	7.5	Retained	11/10/2020
A4	JAHH-65B-R3B	72	13.8	42.75	3	b	Front	33	-7.5	Retained	11/10/2020
R1	B2/B66A RRH-BR049	15	15	42.75	3	a	Behind	36	0	Retained	11/10/2020
A5	LNX-6515DS-A1M	96.4	11.9	6.5	4	a	Front	33	0	Retained	11/10/2020

MASER CONSULTING
— CONNECTICUT—

Maser Consulting Connecticut

Subject TIA-222-H Adoption and Wind Speed Usage

Site Information

Site ID:	*467601-VZW / Guilford 3 CT*
Site Name:	*Guilford 3 CT*
Carrier Name:	*Verizon Wireless*
Address:	*10 Tanner Marsh Rd* *Guilford, Connecticut 06437,* *New Haven County*
Latitude:	*41.288806°*
Longitude:	*- 72.658306°*

Structure Information

Tower Type:	*150-Ft Self Support*
Mount Type:	*12.50-Ft Platform*

FUZE ID # 16232001

To Whom It May Concern,

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

The 2015 International Building Code states that, in Section 3108, telecommunication towers shall be designed and constructed in accordance with the provisions of TIA-222. The 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 tower site to ensure the engineer is taking into account the most current engineering standard available.

Sincerely,

Dejian Xu

Dejian Xu, P.E.
Technical Specialist

MASER CONSULTING
— CONNECTICUT—

331 Newman Springs Road, Suite 203
Red Bank, NJ 07701
T: 732.383.1950
www.maserconsulting.com

March 29, 2021

Mr. Andrew Leone
Verizon Wireless
20 Alexander Dr.
Wallingford, CT 06492

Re: Verizon Wireless antenna Model Clarification for CT Siting Council

Dear Mr. Leone,

This letter is intended to clarify and confirm the antenna naming convention used by Verizon Wireless as a part of an antenna upgrade project on numerous wireless facilities.

The antenna naming convention "Licensed Sub-6, L-Sub6, nL-Sub6, VZS01" and any other slight variants refer to the 64T64RMMU antenna manufactured by Samsung Electronics. These names are interchangeable and are used in various documents, including but not limited to the "Antenna Mount Analysis".

If you have any questions or comments, or require additional information, please do not hesitate to contact me.

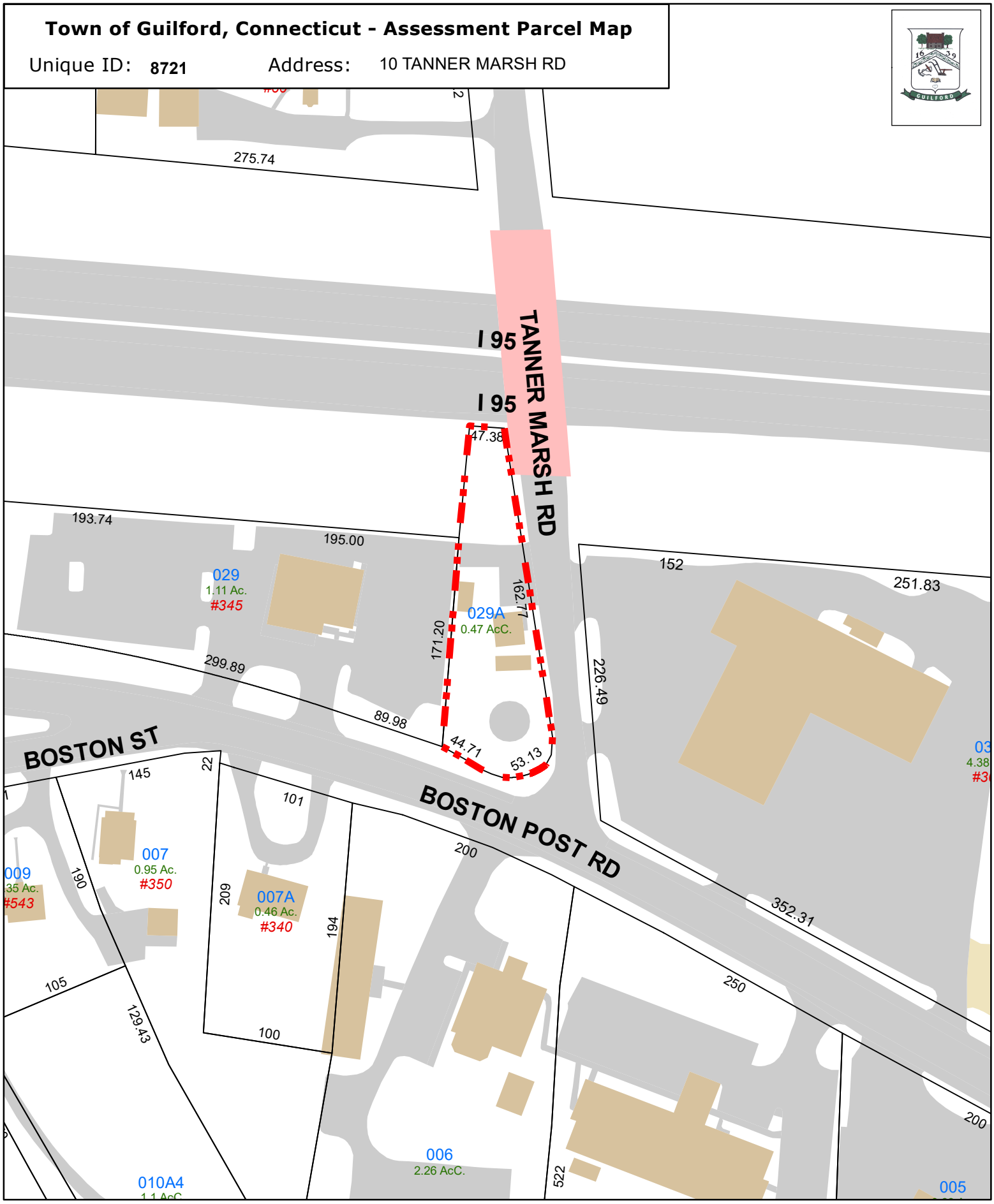
Very truly yours,
MASER CONSULTING CONNECTICUT

Petros Toukalas
Connecticut Professional Engineer
License Number: 32577

ATTACHMENT 5

Town of Guilford, Connecticut - Assessment Parcel Map

Unique ID: **8721** Address: 10 TANNER MARSH RD



Approximate Scale: **1 inch = 100 feet**

N

0 60 120 Feet

Map Produced:
August 2021

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

All information is for assessment purposes only. Assessments are calculated at 70% of the estimated October 1, 2017 market value which was the date of the last revaluation as completed by eQuality Valuation Services, LLC.

Information on the Property Records for the Municipality of Guilford was last updated on 9/17/2021.

Property Summary Information

- Parcel Data And Values
- Sales

Parcel Information

Location:	10 TANNER MARSH RD	Map and Parcel:	049029A	Census Tract:	1901
Zoning:	I-1	Developer's Map:		Developer's Lot:	
Total Acreage:	.29	Farm, Forest, Open Space Acres:		Unique ID:	8721

Value Information

	Appraised Value	Assessed Value
Land	75,000	52,500
Buildings	0	0

	Appraised Value	Assessed Value
Detached Outbuildings	0	0
Total	75,000	52,500

Owner's Information

Owner's Data

TOWN OF GUILFORD
31 PARK ST
GUILFORD CT 06437

Detached Outbuildings

Owner History - Sales

Owner Name	Volume	Page	Sale Date	Deed Type	Sale Price
TOWN OF GUILFORD	0166	0222	08/29/1967		$0

Building Permits

Permit Number	Permit Type	Date Opened	Reason

Google Map

Unique Id: 8721

Location: 10 TANNER MAR

MBL: 049029A

Primary Use: Industrial Vacant

Zone: I-1

Acres: 0.29

Appraised Value: $75,000

Assessed Value: $52,500

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ATTACHMENT 6

UNITED STATES POSTAL SERVICE®

GUILFORD 3

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	2	2	neopost 09/21/2021 US POSTAGE $002.99 ZIP 06103 041L12203937
	Postmaster, per *(name of receiving employee)*		

USPS® Tracking Number Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)	Postage	Fee	Special Handling	Parcel Airlift
1.	Matthew T. Hoey III, First Selectman Town of Guilford 31 Park Street Guilford, CT 06437				
2.	George Kral, Town Planner Town of Guilford 50 Boston Street Guilford, CT 06437				
3.					
4.					
5.					
6.					

OLD STATE HOUSE STATION 06103
SEP 21 2021
USPS