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Also admitted in Massachusetts
and New York

December 2, 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**
347 Riverside Drive, Thompson, Connecticut

Dear Attorney Bachman:

Cellco Partnership d/b/a Verizon Wireless ("Cellco") currently maintains an existing wireless telecommunications facility at the above-referenced property address (the "Property"). The facility consists of antennas and remote radio heads attached to a tower and associated equipment on the ground near the base of the tower. The tower and Cellco's use of the tower were approved by the Siting Council ("Council") in August of 2008 (Docket No. 358). A copy of the Docket No. 358 Decision and Order is included in Attachment 1.

Cellco now intends to modify its facility by replacing six (6) existing antennas with three (3) new Samsung MT6407-77A antennas and three (3) LNX-6514 DS-A1M antennas on Cellco's existing antenna platform. Cellco also intends to replace six (6) remote radio heads ("RRHs') with six (6) new RRHs behind its antennas. A set of project plans showing Cellco's proposed facility modifications and the new antenna and RRH 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 Thompson's Chief Elected Official and Land Use Officer.

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

1. The proposed modifications will not result in an increase in the height of the existing tower. Cellco's replacement antennas will be installed on Cellco's existing platform mount.

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 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, with certain modifications, can support Cellco's proposed modifications. Copies of the SA and MA are included in Attachment 4.

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

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

Sincerely,

Kenneth C. Baldwin

Enclosures
Copy to:

Amy St. Onge, Thompson First Selectman
Tyra Penn-Gesek, Director of Planning and Development
Rene B. Santerre and Mary V. Santerre, Trustees, Property Owners
Karla Hanna, Verizon Wireless

ATTACHMENT 1

DOCKET NO. 358 – MCF Communications bg, Inc. and Cellco Partnership d/b/a Verizon Wireless application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a telecommunications facility at one of two locations located at 347 Riverside Drive (Route 12)- Site A, and 407 Riverside Drive (Route 12)- Site B, Thompson, Connecticut	}	Connecticut Siting Council August 7, 2008

Decision and Order

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, operation, and maintenance of a telecommunications facility, including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate, either alone or cumulatively with other effects, when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application, and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by General Statutes § 16-50k, be issued to MCF Communications bg, Inc. and Cellco Partnership d/b/a Verizon Wireless (Cellco), hereinafter referred to as the Certificate Holders, for a telecommunications facility at Site A, located at 347 Riverside Drive, Thompson, Connecticut. The Council denies certification of Site B, located at 407 Riverside Drive, Thompson, Connecticut.

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

1. The tower shall be constructed as a monopole, no taller than necessary to provide the proposed telecommunications services, sufficient to accommodate the antennas of Cellco and other entities, both public and private, but such tower shall not exceed a height of 140 feet above ground level. The height at the top of the antennas shall not exceed 140 feet above ground level.

2. The Certificate Holders shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be served on the Town of Thompson for comment, and all parties and intervenors as listed in the service list, and submitted to and approved by the Council prior to the commencement of facility construction and shall include:
    a) a final site plan(s) of site development to include specifications for the tower, tower foundation, antennas, equipment compound, radio equipment, access road, utility line, and landscaping; and
    b) construction plans for site clearing, grading, landscaping, water drainage, and erosion and sedimentation controls consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as amended.

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

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

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

6. The Certificate Holders shall provide reasonable space on the tower for no compensation for any Town of Thompson public safety services (police, fire and medical services), provided such use can be accommodated and is compatible with the structural integrity of the tower.

7. Unless otherwise approved by the Council, if the facility authorized herein is not fully constructed and providing wireless services within eighteen months from the date of the mailing of the Council's Findings of Fact, Opinion, and Decision and Order (collectively called "Final Decision"), this Decision and Order shall be void, and the Certificate Holders shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made. The time between the filing and resolution of any appeals of the Council's Final Decision shall not be counted in calculating this deadline.

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

9. If the facility ceases to provide wireless services for a period of one year, this Decision and Order shall be void, and the Certificate Holders shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made.

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

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

Pursuant to General Statutes § 16-50p, the Council hereby directs that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed below, and notice of issuance shall be published in the Norwich Bulletin.

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

The parties and intervenors to this proceeding are:

Applicant	**Representatives**
MCF Communications bg, Inc. and Cellco Partnership d/b/a Verizon Wireless	Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, Connecticut 06103-3597 (860) 275-8200 kbalwin@rc.com Brad Gannon MCF Communications bg, Inc. 733 Turnpike Street, Suite 105 North Andover, MA 01845 Sandy Carter, Regulatory Manager Verizon Wireless 99 East River Drive East Hartford, CT 06108 alexandria.carter@verizonwireless.com
Intervenor	**Representative**
Thompson Hills West Condominium Association	Richard W. Thunberg Jr. Board President Thompson Hills West Condominium Association Board of Trustee's 13 Westside Drive, Suite 92 North Grosvenordale, CT 06255 (860) 923-1919 WThunberg@aol.com

ATTACHMENT 2

verizon

WIRELESS COMMUNICATIONS FACILITY

SITE NAME:
THOMPSON 2 CT

MCF COMMUNICATIONS
347 RIVERSIDE DR. (RT. 12)
THOMPSON, CT 06255

ANTENNA MODIFICATION

PROJECT SUMMARY	
SITE NAME:	THOMPSON 2 CT
SITE ADDRESS:	347 RIVERSIDE DR. (RT. 12) THOMPSON, CT 06255
TOWER MGMT. CO:	MCF COMMUNICATIONS 733 TURNPIKE ST. NORTH ANDOVER, MA 01845
PROPERTY OWNER:	SANTERRE RENE B & MARY V TRUSTEES 503 RIVERSIDE DR. N. GROSVENORDALE, CT 06255
PARCEL ID:	85-51-4A
COORDINATES:	41° 57' 11.4984" N 71° 53' 0.9996" W
VERIZON CONSTRUCTION:	WALTER CHARCZYNSKI (860) 306-1806
VERIZON REAL ESTATE:	ALEX TYURIN (860) 550-3195

AERIAL MAP

SHEET INDEX	
DE-1	TITLE SHEET
DE-2	COMPOUND PLAN & ELEVATION
DE-3	ANTENNA PLANS & ELEVATION
DE-4	RF PLUMBING DIAGRAM & B.O.M.
DE-5	GENERAL CONSTRUCTION NOTES

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WIRELESS COMMUNICATIONS FACILITY

20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

On Air Engineering, LLC
88 Foundry Pond Road
Cold Spring, NY 10516
201-456-4624
onair@optonline.net

LICENSURE

STATE OF CONNECTICUT
DAVID A. WEINPAHL
NO. 22144
LICENSED PROFESSIONAL ENGINEER

DAVID WEINPAHL, P.E.
CT LIC NO. 22144

SUBMITTALS

NO	DATE	DESCRIPTION
0	03.04.21	REVIEW
1	03.28.21	REVISED TO MATCH MOUNT ANALYSIS
2	08.23.21	REVISED PER NEW RFDS

DRAWN BY:	AS
CHECKED BY:	DW

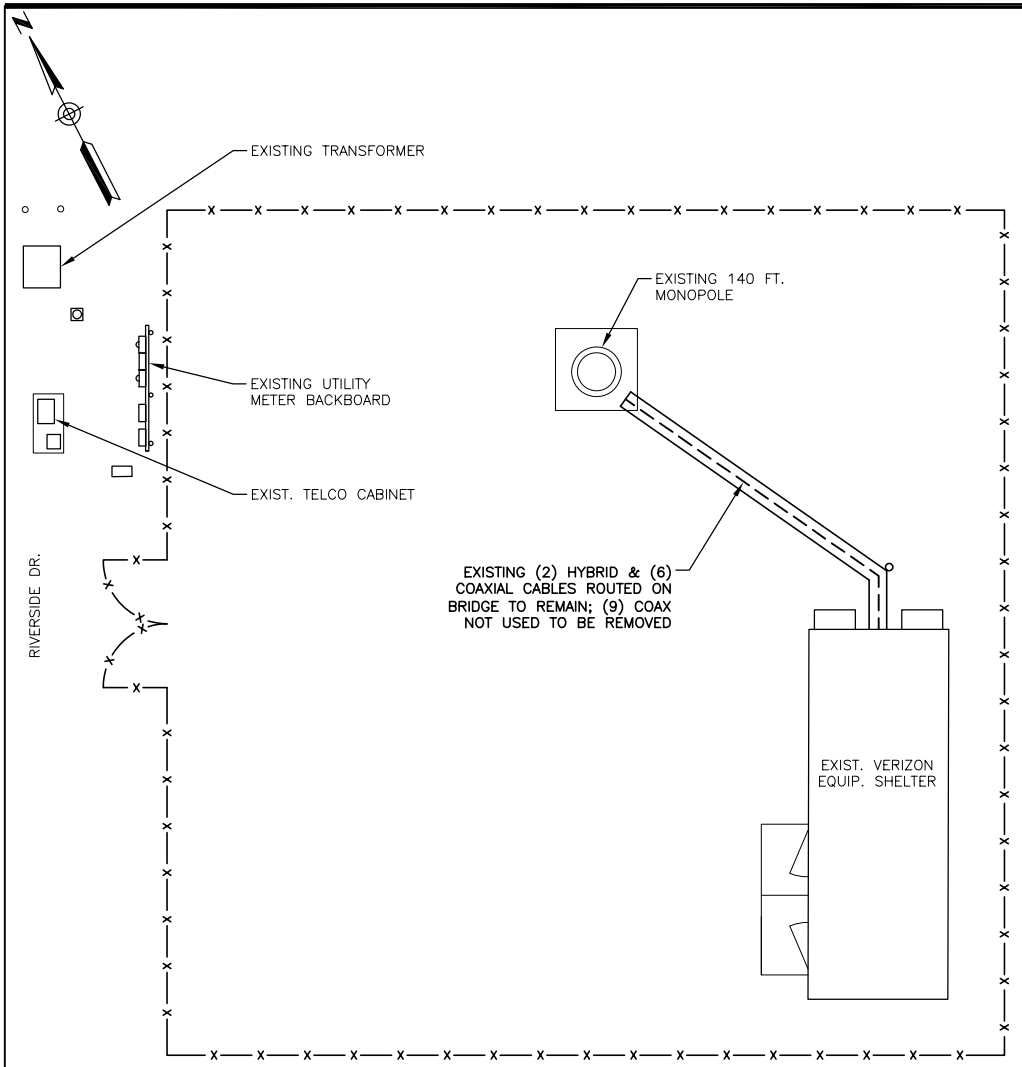
PROJECT NAME:
ANTMO
MT6407-850-LTE-PCS
DESIGN EXHIBITS

SITE NAME:
THOMPSON 2 CT

SITE ADDRESS:
MCF COMMUNICATIONS
347 RIVERSIDE DR. (RT. 12)
THOMPSON, CT 06255

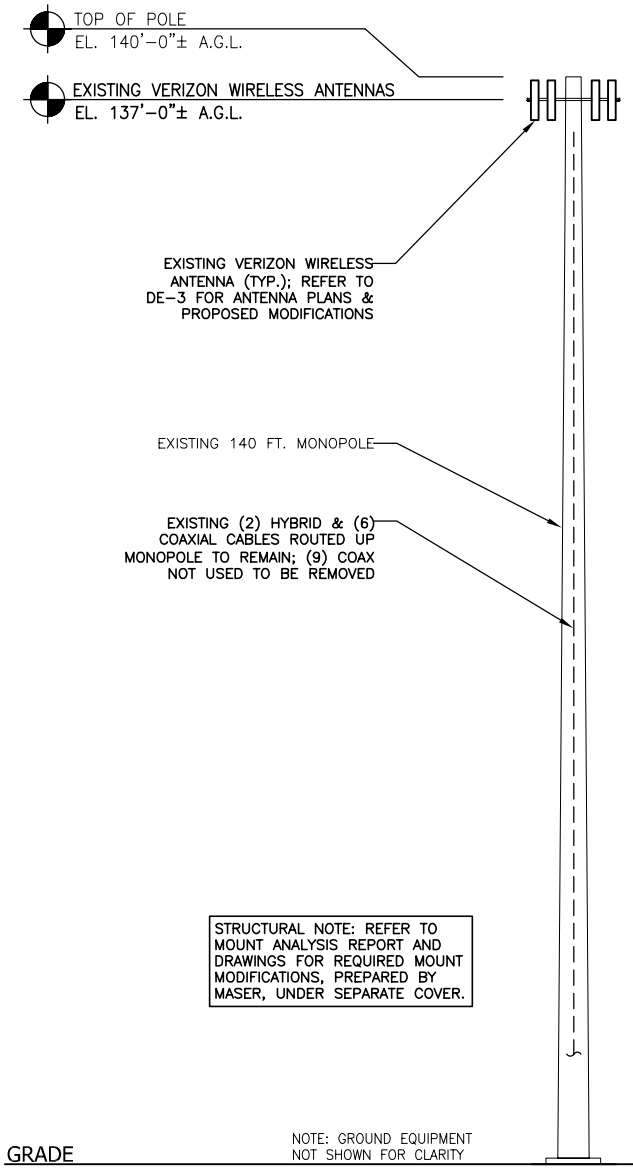
SHEET TITLE:
TITLE SHEET

SHEET NUMBER:
DE-1



NOTES:
1. COMPOUND PLAN IS COMPILED FROM EXISTING DRAWINGS ON FILE WITH THE CT SITING COUNCIL AND A LIMITED DESIGN VISIT ON 11-09-20 FOR A PROPOSED VERIZON ANTENNA MODIFICATION.
2. PLANS ARE DIAGRAMMATIC ONLY AND NOT TO BE SCALED.
3. REFER TO STRUCTURAL TOWER AND MOUNT ANALYSIS REPORTS, BY OTHERS UNDER SEPARATE COVER, FOR ANY REQUIRED TOWER & MOUNT REINFORCEMENTS, WHICH MUST BE PERFORMED PRIOR TO ANY OTHER VERIZON ANTENNA MODIFICATIONS.

1 / DE-2 COMPOUND PLAN
Scale: 3/32" = 1'-0"



STRUCTURAL NOTE: REFER TO MOUNT ANALYSIS REPORT AND DRAWINGS FOR REQUIRED MOUNT MODIFICATIONS, PREPARED BY MASER, UNDER SEPARATE COVER.

NOTE: GROUND EQUIPMENT NOT SHOWN FOR CLARITY

2 / DE-2 ELEVATION
Scale: NTS

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THOMPSON 2 CT

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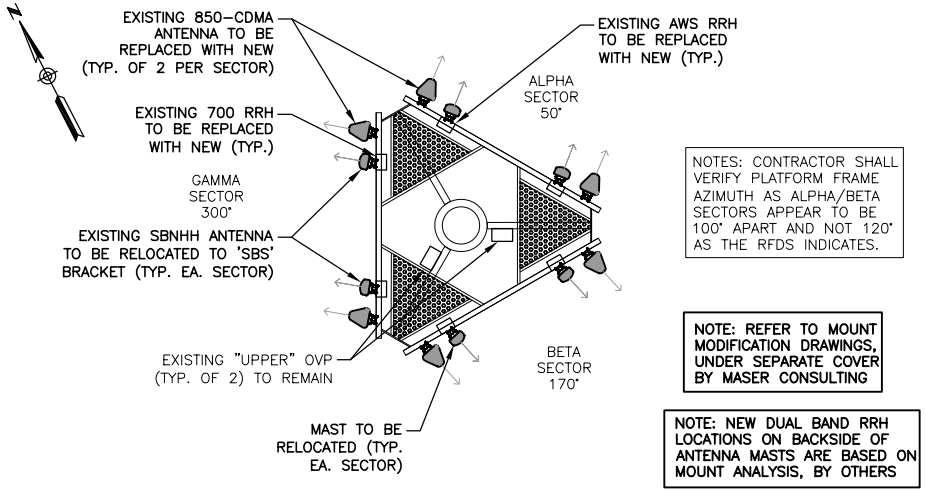
MCF COMMUNICATIONS
347 RIVERSIDE DR. (RT. 12)
THOMPSON, CT 06255

SHEET TITLE:
COMPOUND PLAN
& ELEVATION

SHEET NUMBER:
DE-2

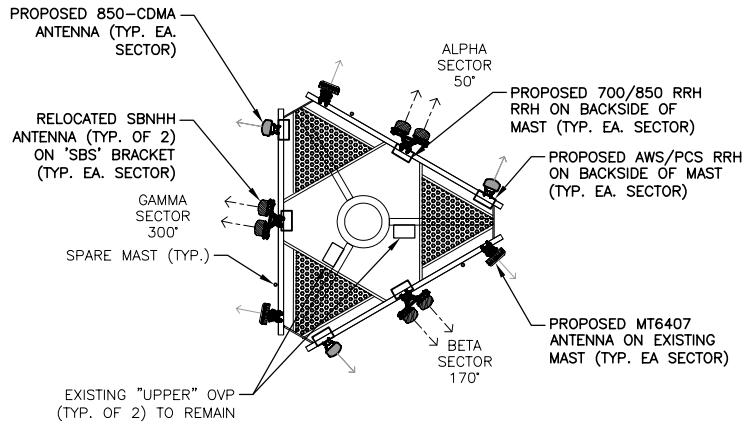


NOTES: CONTRACTOR SHALL VERIFY PLATFORM FRAME AZIMUTH AS ALPHA/BETA SECTORS APPEAR TO BE 100° APART AND NOT 120° AS THE RFDS INDICATES.

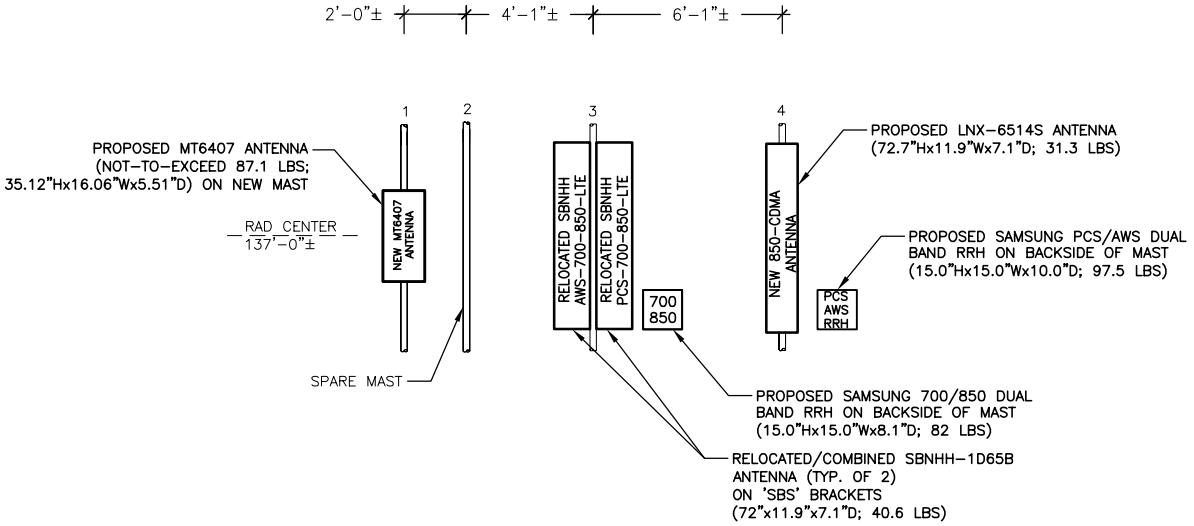
NOTE: REFER TO MOUNT MODIFICATION DRAWINGS, UNDER SEPARATE COVER BY MASER CONSULTING

NOTE: NEW DUAL BAND RRH LOCATIONS ON BACKSIDE OF ANTENNA MASTS ARE BASED ON MOUNT ANALYSIS, BY OTHERS

1 / DE-3 ANTENNA PLAN @ 137 FT. - EXISTING
Scale: 1/8" = 1'-0"



2 / DE-3 ANTENNA PLAN @ 137 FT. - PROPOSED
Scale: 1/8" = 1'-0"



3 / DE-3 ANTENNA ELEVATION (TYP.) - PROPOSED
Scale: 1/4" = 1'-0"

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2	08.23.21	REVISED PER NEW RFDS

DRAWN BY:	AS
CHECKED BY:	DW

PROJECT NAME:
ANTMO
MT6407-850-LTE-PCS
DESIGN EXHIBITS

SITE NAME:
THOMPSON 2 CT

SITE ADDRESS:
MCF COMMUNICATIONS
347 RIVERSIDE DR. (RT. 12)
THOMPSON, CT 06255

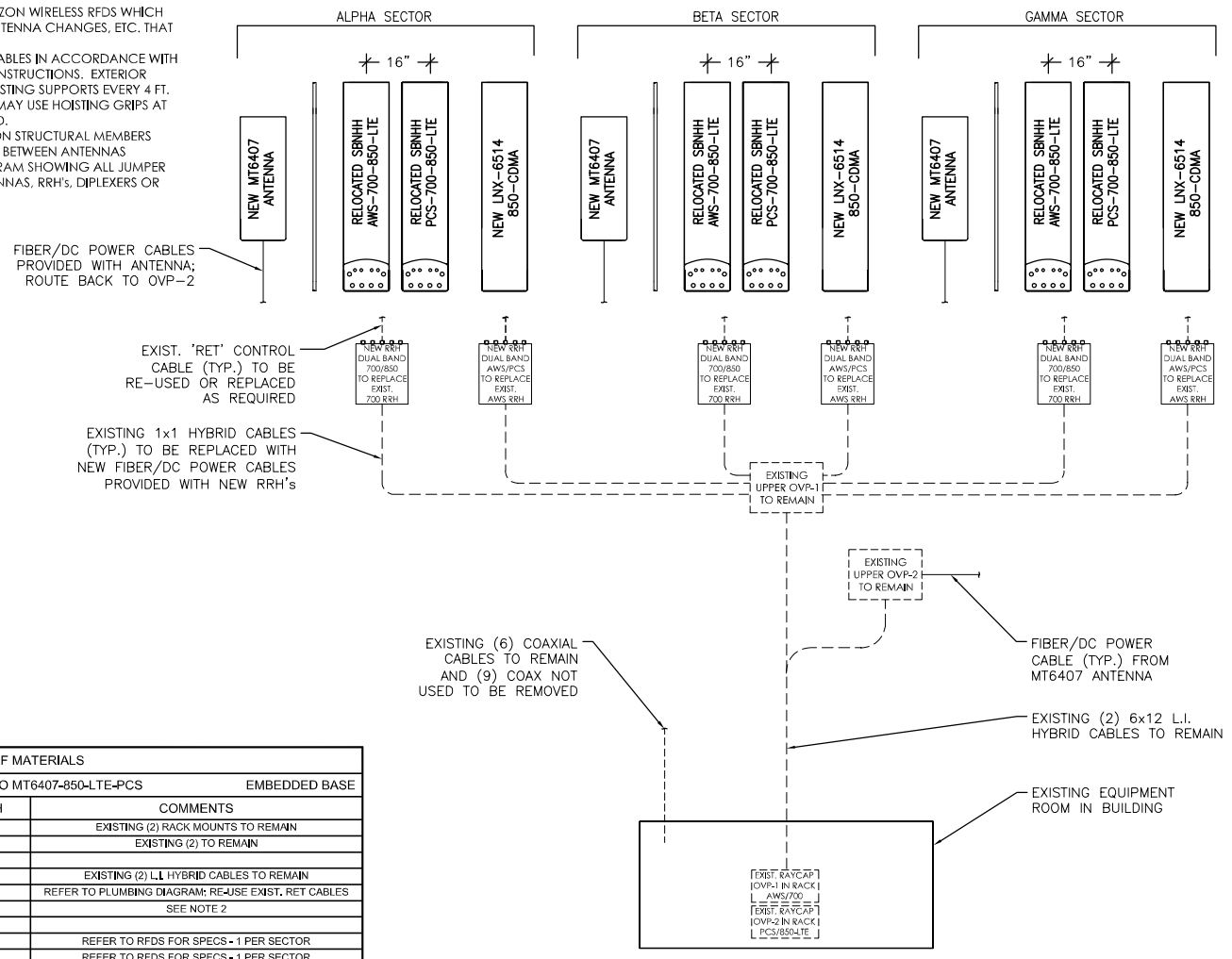
SHEET TITLE:
ANTENNA PLANS
& ELEVATION

SHEET NUMBER:
DE-3

GENERAL NOTES:

1. CONTRACTOR SHALL REFER TO THE LATEST VERIZON WIRELESS RFDS WHICH MAY INCLUDE ANTENNA SECTOR AZIMUTHS/ANTENNA CHANGES, ETC. THAT ARE REQUIRED AS PART OF THE PROJECT.
2. CONTRACTOR SHALL SECURE ALL CONTROL CABLES IN ACCORDANCE WITH INDUSTRY STANDARDS AND MANUFACTURERS INSTRUCTIONS. EXTERIOR CABLES MAY BE TAPED OR TIE-WRAPPED TO EXISTING SUPPORTS EVERY 4 FT. MAX. FOR HORIZONTAL RUNS. CONTRACTOR MAY USE HOISTING GRIPS AT TOP OF VERTICAL CABLE RUNS WHEN REQUIRED.
3. ALL CABLES SHALL BE ROUTED AND SECURED ON STRUCTURAL MEMBERS ONLY - DO NOT "LOOP" THE CABLES IN MID-AIR BETWEEN ANTENNAS
4. REFER TO RFDS FOR DETAILED PLUMBING DIAGRAM SHOWING ALL JUMPER AND OTHER CABLING CONNECTIONS AT ANTENNAS, RRH's, DIPLEXERS OR OTHER DEVICES.

NOTE: ALL ANTENNAS VIEWED FROM REAR



1 / DE-4 RF PLUMBING DIAGRAM
Scale: N.T.S

BILL OF MATERIALS

SITE NAME: THOMPSON 2 CT — ANTMO MT6407-850-LTE-PCS — EMBEDDED BASE

DESCRIPTION	QTY	LENGTH	COMMENTS
LOWER OVP	-	-	EXISTING (2) RACK MOUNTS TO REMAIN
6-CKT. UPPER OVP	-	-	EXISTING (2) TO REMAIN
6x12 HYBRID CABLE	-	-	EXISTING (2) L.I. HYBRID CABLES TO REMAIN
RET CONTROL CABLE	-	-	REFER TO PLUMBING DIAGRAM: RE-USE EXIST. RET CABLES
1/2" JUMPERS	-	-	SEE NOTE 2
AWS/PCS DUAL BAND RRH	3	-	REFER TO RFDS FOR SPECS - 1 PER SECTOR
700/850 DUAL BAND RRH	3	-	REFER TO RFDS FOR SPECS - 1 PER SECTOR
MT6407 ANTENNA	3	-	SAMSUNG INTEGRATED; REFER TO RFDS - 1 PER SECTOR
SBNHH ANTENNA - AWS/700/850-LTE	-	-	RELOCATE EXISTING TO SBS BRACKET; ADD 850-LTE
SBNHH ANTENNA - PCS/700/850-LTE	-	-	RELOCATE EXISTING TO SBS BRACKET; ADD PCS-850-LTE
SBS BRACKETS	3	-	COMMSCOPE BSAMNT-SBS-2-2
850-CDMA ANTENNA	3	-	NEW LNX ANTENNA TO REPLACE EXISTING LPA ANTENNAS

NOTES:
1. ITEMS SHOWN ARE FOR MAJOR DESIGN ELEMENTS ONLY. REFER TO VERIZON WIRELESS RFDS FOR ALL MANUFACTURER PART NUMBERS AND ACCESSORY ITEMS REQUIRED FOR A COMPLETE INSTALLATION.
2. CONTRACTOR SHALL DETERMINE AND PROVIDE ALL REQUIRED PRE-FAB JUMPER QUANTITIES AND LENGTHS, KEEPING ALL LENGTHS TO A MINIMUM.

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SITE ADDRESS:
MCF COMMUNICATIONS
347 RIVERSIDE DR. (RT. 12)
THOMPSON, CT 06255

SHEET TITLE:
RF PLUMBING
DIAGRAM & B.O.M.

SHEET NUMBER:
DE-4

GENERAL CONSTRUCTION NOTES:

1. CONTRACTOR SHALL NOT COMMENCE ANY WORK UNTIL HE OBTAINS, AT HIS OWN EXPENSE, ALL INSURANCE REQUIRED BY *CELLCO PARTNERSHIP d/b/a VERIZON, THE PRO*PERTY OWNER AND/OR PROPERTY MANAGEMENT COMPANY.

2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS AND ALL LOCAL LAWS AND REGULATIONS, CURRENT EDITIONS.

3. CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AFFECTING THE PROPOSED WORK AND MAKE PROVISIONS AS TO THE COST THEREOF. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.

4. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, ELEVATIONS, ANGLES AND EXISTING CONDITIONS AT THE SITE PRIOR TO FABRICATION AND/OR INSTALLATION OF ANY WORK IN THE CONTRACT AREA AND SUBMIT TO THE ENGINEER ANY DISCREPANCIES FROM THE DRAWINGS.

5. CONTRACTOR IS TO REVIEW ALL DRAWINGS AND SPECIFICATIONS IN THE CONTRACT DOCUMENT SET. CONTRACTOR SHALL COORDINATE ALL WORK SHOWN IN THE SET OF DRAWINGS. CONTRACTOR SHALL PROVIDE A COMPLETE SET OF DRAWINGS TO ALL SUB-CONTRACTORS AND ALL RELATED PARTIES. THE SUB-CONTRACTORS SHALL EXAMINE ALL THE DRAWINGS AND SPECIFICATIONS FOR THE INFORMATION THAT AFFECTS THEIR WORK.

6. CONTRACTOR SHALL PROVIDE A COMPLETE BUILD-OUT WITH ALL FINISHES, STRUCTURAL, MECHANICAL AND ELECTRICAL COMPONENTS AND PROVIDE ALL ITEMS AS SHOWN OR INDICATED ON DRAWINGS OR WRITTEN IN SPECIFICATIONS.

7. CONTRACTOR SHALL FURNISH ALL MATERIAL, LABOR AND EQUIPMENT TO COMPLETE THE WORK AND FURNISH A COMPLETED JOB IN ACCORDANCE WITH LOCAL AND STATE GOVERNING AUTHORITIES AND OTHER AUTHORITIES HAVING LAWFUL JURISDICTION OVER THE WORK.

8. CONTRACTOR SHALL OBTAIN AT HIS OWN EXPENSE ALL PERMITS AND ALL INSPECTIONS REQUIRED FROM FEDERAL AND STATE GOVERNMENTS, COUNTIES, MUNICIPALITIES AND OTHER REGULATORY AGENCIES WHICH MAY BE REQUIRED FOR THE PROJECT.

10. DETAILS ARE INTENDED TO SHOW END RESULT OF DESIGN. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS, AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE WORK.

11. ALL MATERIAL PROVIDED BY *CELLCO PARTNERSHIP d/b/a VERIZON IS TO BE* REVIEWED BY CONTRACTOR AND ALL APPLICABLE SUB-CONTRACTOR PRIOR TO INSTALLATION. ANY DEFICIENCIES TO PROVIDED MATERIALS SHALL BE BROUGHT TO THE CONSTRUCTION MANAGERS ATTENTION IMMEDIATELY.

12. THE MATERIALS INSTALLED IN THE WORK SHALL MEET THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. NO SUBSTITUTIONS ARE ALLOWED.

13. CONTRACTOR IS SOLELY RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION, FOR SEQUENCES AND PROCEDURES TO BE USED, AND TO ENSURE THE SAFETY OF THE EXISTING BUILDING AND ITS COMPONENT DURING CONSTRUCTION. THIS INCLUDES THE ADDITION OF WHATEVER SHORING, BRACING, UNDERPINNING, ETC. THAT MAY BE NECESSARY.

14. CONTRACTOR SHALL COORDINATE ALL CIVIL, STRUCTURAL AND ELECTRICAL DRAWINGS FOR THE LOCATION OF ALL OPENINGS, RECESSES, BUILT-IN WORK, ETC.

15. CONTRACTOR SHALL RECEIVE CLARIFICATION IN WRITING AND SHALL RECEIVE IN WRITING AUTHORIZATION TO PROCEED BEFORE STARTING WORK ON ANY ITEMS NOT CLEARLY DEFINED OR IDENTIFIED BY THE CONTRACT DOCUMENTS.

16. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER OF ALL PRODUCTS OR ITEMS NOTED AS "EXISTING" WHICH ARE NOT FOUND TO BE IN THE FIELD.

17. ERECTION SHALL BE DONE IN A WORKMANLIKE MANNER BY COMPETENT EXPERIENCED WORKMEN IN ACCORDANCE WITH APPLICABLE CODES AND THE BEST-ACCEPTED PRACTICE. ALL MEMBERS SHALL BE LAID PLUMB AND TRUE AS INDICATED ON THE DRAWINGS.

18. CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF THE WORK AREA, ADJACENT AREAS, AND BUILDING OCCUPANTS THAT ARE LIKELY TO BE AFFECTED BY THE WORK UNDER THIS CONTRACT. WORK SHALL CONFORM TO ALL O.S.H.A REQUIREMENTS.

19. CONTRACTOR SHALL COORDINATE HIS WORK AND SCHEDULE HIS ACTIVITIES AND WORKING HOURS IN ACCORDANCE WITH THE REQUIREMENTS OF THE PROPERTY OWNER AND/OR PROPERTY MANAGEMENT COMPANY.

20. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH THE WORK OF OTHERS AS IT MAY RELATE TO RADIO EQUIPMENT, ANTENNAS AND ANY OTHER PORTIONS OF THE WORK.

21. CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY INDICATED OR WHERE LOCAL CODES OR REGULATIONS MAY TAKE PRECEDENCE.

22. CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING SURFACES, EQUIPMENT, IMPROVEMENTS, PIPING, ANTENNA AND ANTENNA CABLES AND REPAIR ANY DAMAGE THAT OCCURS DURING CONSTRUCTION.

23. CONTRACTOR SHALL REPAIR ALL EXISTING SURFACES DAMAGED DURING CONSTRUCTION SUCH THAT THEY MATCH AND BLEND WITH ADJACENT SURFACES.

24. CONTRACTOR SHALL KEEP CONTRACT AREA CLEAN, HAZARD FREE AND DISPOSE OF ALL DEBRIS AND RUBBISH. EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY OF THE OWNER SHALL BE REMOVED. LEAVE PREMISES IN CLEAN CONDITIONS AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL ITEMS UNTIL COMPLETION OF CONSTRUCTION.

25. BEFORE FINAL ACCEPTANCE OF THE WORK, CONTRACTOR SHALL REMOVE ALL EQUIPMENT, TEMPORARY WORKS, UNUSED AND USELESS MATERIALS, RUBBISH AND TEMPORARY STRUCTURES.

verizon

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Cold Spring, NY 10516
201-456-4624
onair@optonline.net

LICENSURE

DAVID WEINPAHL, P.E.
CT LIC NO. 22144

SUBMITTALS

NO	DATE	DESCRIPTION
0	03.04.21	REVIEW
1	03.28.21	REVISED TO MATCH MOUNT ANALYSIS
2	08.23.21	REVISED PER NEW RFDS

DRAWN BY:	AS
CHECKED BY:	DW

PROJECT NAME:

ANTMO
MT6407-850-LTE-PCS
DESIGN EXHIBITS

SITE NAME:

THOMPSON 2 CT

SITE ADDRESS:

MCF COMMUNICATIONS
347 RIVERSIDE DR. (RT. 12)
THOMPSON, CT 06255

SHEET TITLE:

GENERAL
CONSTRUCTION
NOTES

SHEET NUMBER:

DE-5

SAMSUNG

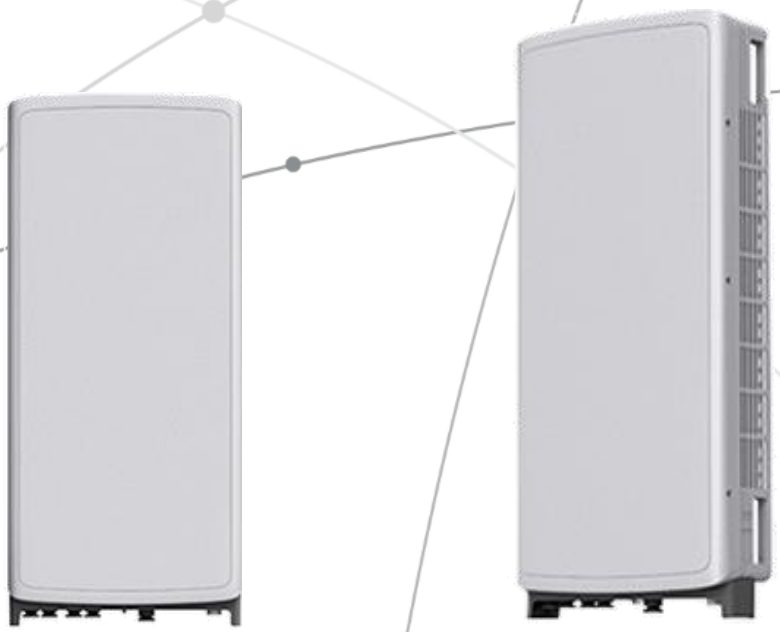
SAMSUNG

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

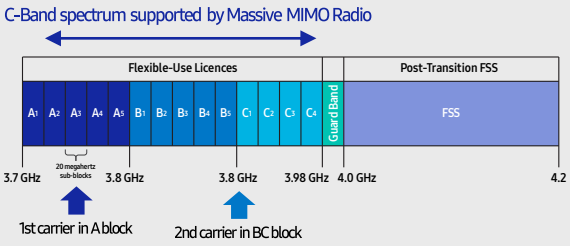


Points of Differentiation

Wide Bandwidth

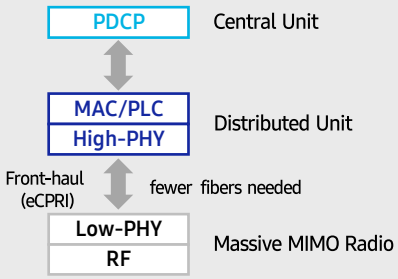
With capability to support up to 2 CC carrier configuration, Samsung C-Band massive MIMO Radio supports 200 MHz bandwidth in the C-Band spectrum.

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.

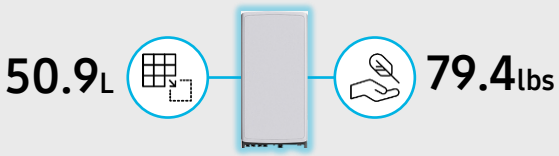
This helps operators reduce their CAPEX as they now need less products to cover the same area than before.

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

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SAMSUNG

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

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

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

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

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

Features and Benefits

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

Key Technical Specifications

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

SAMSUNG

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

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

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

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

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

Features and Benefits

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

Key Technical Specifications

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

LNX-6514DS-A1M

2-port sector antenna, 2x 698–896 MHz, 65° HPBW, 1x RET

- Great solution to maximize network coverage and capacity
- Excellent gain, VSWR, front-to-back ratio, and PIM specifications for robust network performance
- Ideal choice for site collocations and tough zoning restrictions
- Excellent solution for site sharing and maximizing capacity
- Fully compatible with Andrew remote electrical tilt system for greater OpEx savings
- The RF connectors are designed for IP67 rating and the radome for IP56 rating

General Specifications

Antenna Type	Sector
Band	Single band
Color	Light gray
Grounding Type	RF connector inner conductor and body grounded to reflector and mounting bracket
Performance Note	Outdoor usage | Wind loading figures are validated by wind tunnel measurements described in white paper WP-112534-EN
Radome Material	Fiberglass, UV resistant
Radiator Material	Aluminum
RF Connector Interface	7-16 DIN Female
RF Connector Location	Bottom
RF Connector Quantity, low band	2
RF Connector Quantity, total	2

Dimensions

Width	301 mm | 11.85 in
Depth	180.5 mm | 7.106 in
Length	2048 mm | 80.63 in
Net Weight, without mounting kit	14.6 kg | 32.187 lb

Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	698 – 896 MHz
Polarization	±45°

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LNX-6514DS-A1M

Electrical Specifications

Frequency Band, MHz	698–806	806–896
Gain, dBi	15.8	15.9
Beamwidth, Horizontal, degrees	65	63.9
Beamwidth, Vertical, degrees	12.4	11.2
Beam Tilt, degrees	0–10	0–10
USLS (First Lobe), dB	18	19
Front-to-Back Ratio at 180°, dB	33	33
Isolation, Cross Polarization, dB	30	30
VSWR | Return loss, dB	1.4 | 15.6	1.4 | 15.6
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153
Input Power per Port, maximum, watts	400	400

Electrical Specifications, BASTA

Frequency Band, MHz	698–806	806–896
Gain by all Beam Tilts, average, dBi	15.6	15.7
Gain by all Beam Tilts Tolerance, dB	±0.4	±0.5
Gain by Beam Tilt, average, dBi	0 ° | 15.7 5 ° | 15.7 10 ° | 15.3	0 ° | 15.9 5 ° | 15.8 10 ° | 15.3
Beamwidth, Horizontal Tolerance, degrees	±1	±1.4
Beamwidth, Vertical Tolerance, degrees	±0.8	±0.6
USLS, beampeak to 20° above beampeak, dB	18	20
Front-to-Back Total Power at 180° ± 30°, dB	25	23
CPR at Boresight, dB	25	25
CPR at Sector, dB	15	12

Mechanical Specifications

Wind Loading at Velocity, frontal	283.0 N @ 150 km/h | 63.6 lbf @ 150 km/h
Wind Loading at Velocity, lateral	234.0 N @ 150 km/h | 52.6 lbf @ 150 km/h
Wind Loading at Velocity, maximum	122.5 lbf @ 150 km/h | 545.0 N @ 150 km/h
Wind Loading at Velocity, rear	287.0 N @ 150 km/h | 64.5 lbf @ 150 km/h
Wind Speed, maximum	241 km/h | 149.75 mph

Packaging and Weights

Width, packed	411 mm | 16.181 in

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LNX-6514DS-A1M

Depth, packed	284 mm | 11.181 in
Length, packed	2163 mm | 85.158 in
Weight, gross	32.9 kg | 72.532 lb

Regulatory Compliance/Certifications

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

Included Products

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

* Footnotes

Performance Note	Severe environmental conditions may degrade optimum performance

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ATTACHMENT 3

Site Name: ***THOMPSON 2 CT***
Cumulative Power Density

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissible Exposure*	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm^2)	(mW/cm^2)	(%)
VZW 700	751	2	689	1378	137	0.0026	0.5007	0.53%
VZW CDMA	877.26	2	423	845	137	0.0016	0.5848	0.28%
VZW Cellular	874	2	329	657	137	0.0013	0.5827	0.22%
VZW PCS	1977.5	4	1593	6370	137	0.0122	1.0000	1.22%
VZW AWS	2120	4	1563	6251	137	0.0120	1.0000	1.20%
VZW CBAND	3730.08	4	6531	26125	137	0.0501	1.0000	5.01%
Total Percentage of Maximum Permissible Exposure								8.44%

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

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

Absolute worst case maximum values used.

ATTACHMENT 4

PAUL J. FORD & COMPANY

Report Date:	September 10, 2021
Client:	On Air Engineering, LLC 88 Foundry Pond Road Cold Spring, NY 10516 Attn: David Weinpahl, P.E. (201) 456-4624 dweinpahl@onaireng.com
Structure:	Existing 139-ft Monopole
Site Name:	Thompson 2 CT Verizon
Site Address:	347 Riverside Drive
City, County, State:	North Grosvenordale, Windham County, CT
Latitude, Longitude:	41°57'11.5", -71°53'01.00"
PJF Project:	A42921-0009.002.7805_Revised Loading

Paul J. Ford and Company is pleased to submit this "**Structural Analysis Report**" to determine the tower stress level.

Analysis Criteria:
This analysis utilizes an ultimate 3-second gust wind speed of 130 mph (converted to an equivalent 101 mph nominal 3-second gust wind speed per Section 1609.3.1 for use with TIA-222 G) as required by the 2018 Connecticut State Building Code and Appendix N. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Proposed Appurtenance Loads:
The structure was analyzed with the proposed loading configuration shown in Table 1 of this report.

Summary of Analysis Results:

Existing Structure:	Pass – 35.1%
Existing Foundation:	Pass – 22.0%

We at Paul J. Ford and Company appreciate the opportunity of providing our continuing professional services to you and On Air Engineering, LLC. If you have any questions or need further assistance on this or any other projects, please give us a call.

Respectfully Submitted by:
Paul J. Ford and Company

Nathan C. Miller

Nathan C. Miller, E.I.
Structural Designer
nmiller@pauljford.com

STATE OF CONNECTICUT
JUSTIN T. KLINE
No. 30301
LICENSED PROFESSIONAL ENGINEER

2021.09.10 17:05:33-04'00'

TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 139 ft Monopole tower designed by Nudd.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-G
Risk Category:	II
Ultimate/Nominal Wind Speed:	130/101 mph
Exposure Category:	C
Topographic Factor:	1
Ice Thickness:	1 in
Wind Speed with Ice:	50 mph
Service Wind Speed:	60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
135.0	137.0	6	andrew	SBNHH-1D65B w/ Mount Pipe	2 6	1-1/4 1-5/8
		3	andrew	LNX-6514DS-A1M w/ Mount Pipe		
		2	rfs celwave	DB-T1-6Z-8AB-0Z		
		3	samsung telecommunications	B2/B66A RRH-BR049		
		3	samsung telecommunications	B5/B13 RRH-BR04C		
		3	samsung telecommunications	MT6407-77A w/ Mount Pipe		
		3	tower mounts	BSAMNT-SBS-2-2		
		1	tower mounts	Platform Mount w/KCKR-HR		

3) ANALYSIS PROCEDURE

Table 2 - Documents Provided

Document	Remarks	Reference	Source
Structural Analysis	Centek, 04/24/2014	14001.044	On Air Engineering, LLC
Structural Analysis	Hudson, 12/6/2016	-	
RFDS	Verizon, 07/22/2021	16244733	
Mount Analysis	Maser, 08/20/2021	20777388A	
Mount Modification Drawings	Maser, 08/20/2021	20777388A	

3.1) Analysis Method

tnxTower (version 8.1.1.0), a commercially available analysis software package, was used to create a three-dimensional model of the tower and calculate member stresses for various loading cases. Selected output from the analysis is included in Appendix A.

3.2) Assumptions

1) Tower and structures were maintained in accordance with the TIA-222 standard.
2) The configuration of antennas, transmission cables, mounts and other appurtenances are as specified in Tables 1 and 2 and the referenced drawings.
3) The manufacturer drawings are not available at the time of this analysis. Therefore, we have assumed the steel yield strength(s) (Fy) as per the following:
   a) Pole Shaft: ASTM A572 Gr 65
   b) Anchor rods: ASTM F1554(Fu = 125 ksi, Fy = 105 ksi)
   c) Base Plate: ASTM A572 Gr 50
4) The foundation drawings were not available at the time of this analysis. Therefore, we have assumed the material yield strengths (F'c and Fy) as per the following:
   a) Concrete F'c: 4000 PSI
   b) Foundation Reinforcing Fy: ASTM A615 Gr 60
5) The tower manufacturer drawings, foundation drawings, and site-specific geotechnical report were not available at the time of the analysis. Therefore, we have assumed the tower, and foundation geometry and soil properties based on the referenced Structural Analysis by Centek and Hudson.

This analysis may be affected if any assumptions are not valid or have been made in error. Paul J. Ford and Company should be notified to determine the effect on the structural integrity of the tower.

4) ANALYSIS RESULTS

Table 3 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
L1	139 - 114	Pole	TP29.875x24x0.1875	1	-6.250	1120.820	27.8	Pass
L2	114 - 89	Pole	TP35.813x29.875x0.25	2	-8.495	1836.280	30.7	Pass
L3	89 - 80	Pole	TP37.375x34.1254x0.3125	3	-11.196	2604.220	28.7	Pass
L4	80 - 69	Pole	TP40x37.375x0.375	4	-13.354	3454.780	25.6	Pass
L5	69 - 44	Pole	TP45.875x40x0.375	5	-17.435	3727.660	30.0	Pass
L6	44 - 0	Pole	TP55.625x43.715x0.4375	6	-33.344	5321.220	32.8	Pass
							Summary	
						Pole (L6)	32.8	Pass
						RATING =	32.8	Pass

Table 4 - Tower Component Stresses vs. Capacity

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Anchor Rods	0	35.1	Pass
1	Base Plate	0	25.1	Pass
1	Base Foundation Structural Steel	0	22.0	Pass
1	Base Foundation Soil Interaction	0	10.6	Pass

Structure Rating (max from all components) =	35.1%

Notes:
1) See additional documentation in “Appendix C – Additional Calculations” for calculations supporting the % capacity consumed.

4.1) Recommendations

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

STANDARD CONDITIONS FOR FURNISHING OF PROFESSIONAL ENGINEERING SERVICES ON EXISTING STRUCTURES BY PAUL J. FORD AND COMPANY

1) Paul J. Ford and Company has not made a field inspection to verify the monopole dimensions or the antenna/coax loading. If the existing conditions are not as represented on these sketches, we should be contacted immediately to reevaluate any conclusions stated in this report.

2) No allowance was made for any damaged, missing, or rusted material. The analysis of this monopole assumes that no physical deterioration has occurred in any of the structural components of the monopole and that all the structural members have the same load carrying capacity as the day the monopole was erected.

3) It is not possible to have all the detailed information to perform a thorough analysis of every structural sub-component of an existing monopole. The structural analysis provided by Paul J. Ford and Company verifies the adequacy of the main structural members of the monopole. Paul J. Ford and Company provides a limited scope of service in that we cannot verify the adequacy of every weld, plate, connection detail, etc.

4) The structural integrity of the existing tower foundation can only be verified if exact foundation sizes and soil conditions are known. Paul J. Ford and Company will not accept any responsibility for the adequacy of the existing foundations unless the foundation sizes and a soils report are provided.

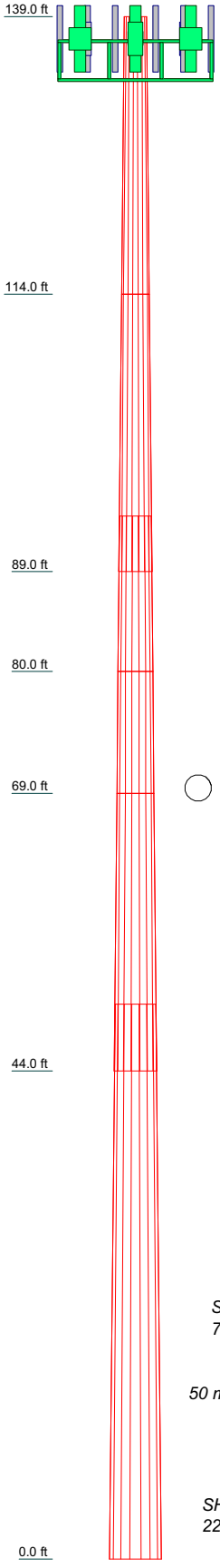
5) The monopole has been analyzed according to the minimum basic design wind velocity recommended by the Telecommunications Industry Association Standard ANSI/TIA-222-G. If the owner or local or state agencies require a higher design wind velocity, Paul J. Ford and Company should be made aware of this requirement.

APPENDIX A

TNXTOWER OUTPUT

Section	1	2	3	4	5	6
Length (ft)	25.0000	25.0000	14.0000	11.0000	25.0000	50.0000
Number of Sides	18	18	18	18	18	18
Thickness (in)	0.1875	0.2500	0.3125	0.3750	0.3750	0.4375
Socket Length (ft)		5.0000			6.0000	
Top Dia (in)	24.0000	29.8750	34.1254	37.3750	40.0000	43.7150
Bot Dia (in)	29.8750	35.8130	37.3750	40.0000	45.8750	55.6250
Grade	A572-65					
Weight (K)	1.4	2.2	1.7	1.7	4.3	11.6

Total Weight (K): 22.9



MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in Windham 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 1.00 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 0.0000 ft
8. TOWER RATING: 32.8%

ALL REACTIONS ARE FACTORED

AXIAL 60 K

SHEAR 7 K — *MOMENT 607 kip-ft*

TORQUE 0 kip-ft

50 mph WIND - 1.0000 in ICE

AXIAL 33 K

SHEAR 22 K — *MOMENT 1942 kip-ft*

TORQUE 1 kip-ft

REACTIONS - 101 mph WIND

PJFLogo

Paul J. Ford and Company
250 E. Broad St., Ste 600
Columbus, OH 43215
Phone: 614-221-6679
FAX:

Job: *139-Ft Monopole / Thompson CT*			
Project: *PJF 42921-0009*			
Client: On Air Engineering	Drawn by: Nathan Miller		App'd:
Code: TIA-222-G	Date: 09/07/21		Scale: NTS
Path: G:\TOWER\429_On Air Engineering\2021\42921-0009_Thompson, CT\42921-0009.002.7805_SA\42921-0009.002.7805.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:

1) Tower is located in Windham County, Connecticut.
2) ASCE 7-10 Wind Data is used (wind speeds converted to nominal values).
3) Basic wind speed of 101 mph.
4) Structure Class II.
5) Exposure Category C.
6) Topographic Category 1.
7) Crest Height 0.0000 ft.
8) Nominal ice thickness of 1.0000 in.
9) Ice thickness is considered to increase with height.
10) Ice density of 56.000 pcf.
11) A wind speed of 50 mph is used in combination with ice.
12) Temperature drop of 50 °F.
13) Deflections calculated using a wind speed of 60 mph.
14) A non-linear (P-delta) analysis was used.
15) Pressures are calculated at each section.
16) Stress ratio used in pole design is 1.
17) Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

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

Tapered Pole Section Geometry

Section	*Elevation ft*	*Section Length ft*	*Splice Length ft*	*Number of Sides*	*Top Diameter in*	*Bottom Diameter in*	*Wall Thickness in*	*Bend Radius in*	*Pole Grade*
L1	139.0000-114.0000	25.0000	0.000	18	24.0000	29.8750	0.1875	0.7500	A572-65 (65 ksi)
L2	114.0000-89.0000	25.0000	5.000	18	29.8750	35.8130	0.2500	1.0000	A572-65 (65 ksi)
L3	89.0000-80.0000	14.0000	0.000	18	34.1254	37.3750	0.3125	1.2500	A572-65 (65 ksi)
L4	80.0000-69.0000	11.0000	0.000	18	37.3750	40.0000	0.3750	1.5000	A572-65 (65 ksi)
L5	69.0000-44.0000	25.0000	6.000	18	40.0000	45.8750	0.3750	1.5000	A572-65 (65 ksi)
L6	44.0000-	50.0000		18	43.7150	55.6250	0.4375	1.7500	A572-65

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
	0.0000								(65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in^2	I in^4	r in	C in	I/C in^3	J in^4	It/Q in^2	w in	w/t
L1	24.3413	14.1714	1015.2211	8.4534	12.1920	83.2694	2031.7780	7.0871	3.8940	20.768
	30.3069	17.6678	1967.2816	10.5391	15.1765	129.6268	3937.1518	8.8356	4.9280	26.283
L2	30.2973	23.5074	2606.5104	10.5169	15.1765	171.7465	5216.4505	11.7560	4.8180	19.272
	36.3269	28.2192	4508.9929	12.6249	18.1930	247.8421	9023.9188	14.1123	5.8631	23.452
L3	35.7821	33.5382	4844.4185	12.0036	17.3357	279.4475	9695.2114	16.7723	5.4561	17.459
	37.9034	36.7614	6379.6746	13.1572	18.9865	336.0111	12767.7437	18.3842	6.0280	19.29
L4	37.8937	44.0393	7616.9449	13.1350	18.9865	401.1769	15243.9123	22.0238	5.9180	15.781
	40.5592	47.1637	9355.8546	14.0669	20.3200	460.4259	18724.0200	23.5863	6.3800	17.013
L5	40.5592	47.1637	9355.8546	14.0669	20.3200	460.4259	18724.0200	23.5863	6.3800	17.013
	46.5248	54.1564	14164.7799	16.1525	23.3045	607.8131	28348.1982	27.0833	7.4140	19.771
L6	45.7731	60.0962	14220.3055	15.3635	22.2072	640.3460	28459.3223	30.0538	6.9238	15.826
	56.4156	76.6347	29487.9508	19.5916	28.2575	1043.5442	59014.7025	38.3247	9.0200	20.617

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 139.0000-114.0000				1	1	1			
L2 114.0000-89.0000				1	1	1			
L3 89.0000-80.0000				1	1	1			
L4 80.0000-69.0000				1	1	1			
L5 69.0000-44.0000				1	1	1			
L6 44.0000-0.0000				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

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

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight klf
1-5/8	C	No	No	Inside Pole	137.0000 - 0.0000	6	No Ice	0.0000	0.001
							1/2" Ice	0.0000	0.001
							1" Ice	0.0000	0.001
Hybrid	C	No	No	Inside Pole	137.0000 -	2	No Ice	0.0000	0.001

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight klf
					0.0000		1/2" Ice	0.0000	0.001
							1" Ice	0.0000	0.001
**									
**									

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	139.0000-114.0000	A	0.000	0.000	0.000	0.000	0.000
		B	0.000	0.000	0.000	0.000	0.000
		C	0.000	0.000	0.000	0.000	0.151
L2	114.0000-89.0000	A	0.000	0.000	0.000	0.000	0.000
		B	0.000	0.000	0.000	0.000	0.000
		C	0.000	0.000	0.000	0.000	0.164
L3	89.0000-80.0000	A	0.000	0.000	0.000	0.000	0.000
		B	0.000	0.000	0.000	0.000	0.000
		C	0.000	0.000	0.000	0.000	0.059
L4	80.0000-69.0000	A	0.000	0.000	0.000	0.000	0.000
		B	0.000	0.000	0.000	0.000	0.000
		C	0.000	0.000	0.000	0.000	0.072
L5	69.0000-44.0000	A	0.000	0.000	0.000	0.000	0.000
		B	0.000	0.000	0.000	0.000	0.000
		C	0.000	0.000	0.000	0.000	0.164
L6	44.0000-0.0000	A	0.000	0.000	0.000	0.000	0.000
		B	0.000	0.000	0.000	0.000	0.000
		C	0.000	0.000	0.000	0.000	0.289

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	139.0000-114.0000	A	2.287	0.000	0.000	0.000	0.000	0.000
		B		0.000	0.000	0.000	0.000	0.000
		C		0.000	0.000	0.000	0.000	0.151
L2	114.0000-89.0000	A	2.237	0.000	0.000	0.000	0.000	0.000
		B		0.000	0.000	0.000	0.000	0.000
		C		0.000	0.000	0.000	0.000	0.164
L3	89.0000-80.0000	A	2.197	0.000	0.000	0.000	0.000	0.000
		B		0.000	0.000	0.000	0.000	0.000
		C		0.000	0.000	0.000	0.000	0.059
L4	80.0000-69.0000	A	2.169	0.000	0.000	0.000	0.000	0.000
		B		0.000	0.000	0.000	0.000	0.000
		C		0.000	0.000	0.000	0.000	0.072
L5	69.0000-44.0000	A	2.109	0.000	0.000	0.000	0.000	0.000
		B		0.000	0.000	0.000	0.000	0.000
		C		0.000	0.000	0.000	0.000	0.164
L6	44.0000-0.0000	A	1.922	0.000	0.000	0.000	0.000	0.000
		B		0.000	0.000	0.000	0.000	0.000
		C		0.000	0.000	0.000	0.000	0.289

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	139.0000-114.0000	0.0000	0.0000	0.0000	0.0000
L2	114.0000-89.0000	0.0000	0.0000	0.0000	0.0000
L3	89.0000-80.0000	0.0000	0.0000	0.0000	0.0000
L4	80.0000-69.0000	0.0000	0.0000	0.0000	0.0000

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L5	69.0000-44.0000	0.0000	0.0000	0.0000	0.0000
L6	44.0000-0.0000	0.0000	0.0000	0.0000	0.0000

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

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
MT6407-77A w/ Mount Pipe	A	From Face	4.0000 0.000 2.000	0.000	135.0000	No Ice 1/2" Ice 1" Ice	4.9069 5.2559 5.6147	2.6821 3.1450 3.6241	0.096 0.136 0.180
MT6407-77A w/ Mount Pipe	B	From Face	4.0000 0.000 2.000	0.000	135.0000	No Ice 1/2" Ice 1" Ice	4.9069 5.2559 5.6147	2.6821 3.1450 3.6241	0.096 0.136 0.180
MT6407-77A w/ Mount Pipe	C	From Face	4.0000 0.000 2.000	0.000	135.0000	No Ice 1/2" Ice 1" Ice	4.9069 5.2559 5.6147	2.6821 3.1450 3.6241	0.096 0.136 0.180
(2) SBNHH-1D65B_TIA w/ Mount Pipe	A	From Face	4.0000 0.000 2.000	0.000	135.0000	No Ice 1/2" Ice 1" Ice	8.4376 9.0026 9.5343	7.1039 8.2979 9.2145	0.066 0.136 0.213
(2) SBNHH-1D65B_TIA w/ Mount Pipe	B	From Face	4.0000 0.000 2.000	0.000	135.0000	No Ice 1/2" Ice 1" Ice	8.4376 9.0026 9.5343	7.1039 8.2979 9.2145	0.066 0.136 0.213
(2) SBNHH-1D65B_TIA w/ Mount Pipe	C	From Face	4.0000 0.000 2.000	0.000	135.0000	No Ice 1/2" Ice 1" Ice	8.4376 9.0026 9.5343	7.1039 8.2979 9.2145	0.066 0.136 0.213
LNX-6514DS-A1M_TIA w/ Mount Pipe	A	From Face	4.0000 0.000 2.000	0.000	135.0000	No Ice 1/2" Ice 1" Ice	8.4106 8.9745 9.5048	7.0817 8.2729 9.1847	0.065 0.134 0.211
LNX-6514DS-A1M_TIA w/ Mount Pipe	B	From Face	4.0000 0.000 2.000	0.000	135.0000	No Ice 1/2" Ice 1" Ice	8.4106 8.9745 9.5048	7.0817 8.2729 9.1847	0.065 0.134 0.211
LNX-6514DS-A1M_TIA w/ Mount Pipe	C	From Face	4.0000 0.000 2.000	0.000	135.0000	No Ice 1/2" Ice 1" Ice	8.4106 8.9745 9.5048	7.0817 8.2729 9.1847	0.065 0.134 0.211
B2/B66A RRH-BR049	A	From Face	4.0000 0.000 2.000	0.000	135.0000	No Ice 1/2" Ice 1" Ice	1.8750 2.0454 2.2231	1.0125 1.1445 1.2840	0.070 0.087 0.106
B2/B66A RRH-BR049	B	From Face	4.0000 0.000 2.000	0.000	135.0000	No Ice 1/2" Ice 1" Ice	1.8750 2.0454 2.2231	1.0125 1.1445 1.2840	0.070 0.087 0.106
B2/B66A RRH-BR049	C	From Face	4.0000 0.000 2.000	0.000	135.0000	No Ice 1/2" Ice 1" Ice	1.8750 2.0454 2.2231	1.0125 1.1445 1.2840	0.070 0.087 0.106
B5/B13 RRH-BR04C	A	From Face	4.0000 0.000 2.000	0.000	135.0000	No Ice 1/2" Ice 1" Ice	1.8750 2.0454 2.2231	1.0125 1.1445 1.2840	0.070 0.087 0.106
B5/B13 RRH-BR04C	B	From Face	4.0000 0.000	0.000	135.0000	No Ice 1/2"	1.8750 2.0454	1.0125 1.1445	0.070 0.087

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			2.000			Ice	2.2231	1.2840	0.106
						1" Ice			
B5/B13 RRH-BR04C	C	From Face	4.0000	0.000	135.0000	No Ice	1.8750	1.0125	0.070
			0.000			1/2" Ice	2.0454	1.1445	0.087
			2.000			1" Ice	2.2231	1.2840	0.106
(2) DB-T1-6Z-8AB-0Z	C	From Face	4.0000	0.000	135.0000	No Ice	4.8000	2.0000	0.044
			0.000			1/2" Ice	5.0704	2.1926	0.080
			2.000			1" Ice	5.3481	2.3926	0.120
Platform Mount [LP 1201-1_KCKR-HR-1]	C	None		0.000	135.0000	No Ice	37.6100	37.6100	2.631
						1/2" Ice	45.6200	45.6200	3.478
						1" Ice	53.5900	53.5900	4.462
Commscope BSAMNT-SBS-2-2	A	None		0.000	135.0000	No Ice	0.0000	0.0000	0.000
						1/2" Ice	0.0000	0.0000	0.000
						1" Ice	0.0000	0.0000	0.000
Commscope BSAMNT-SBS-2-2	B	None		0.000	135.0000	No Ice	0.0000	0.0000	0.000
						1/2" Ice	0.0000	0.0000	0.000
						1" Ice	0.0000	0.0000	0.000
Commscope BSAMNT-SBS-2-2	C	None		0.000	135.0000	No Ice	0.0000	0.0000	0.000
						1/2" Ice	0.0000	0.0000	0.000
						1" Ice	0.0000	0.0000	0.000

Tower Pressures - No Ice

G_H = 1.100

Section Elevation ft	z ft	K_Z	q_z ksf	A_G ft^2	Face	A_F ft^2	A_R ft^2	A_{leg} ft^2	Leg %	C_AA_A In Face ft^2	C_AA_A Out Face ft^2
L1 139.0000-114.0000	126.0456	1.329	0.033	56.925	A	0.000	56.925	56.925	100.00	0.000	0.000
					B	0.000	56.925		100.00	0.000	0.000
					C	0.000	56.925		100.00	0.000	0.000
L2 114.0000-89.0000	101.1233	1.269	0.031	69.400	A	0.000	69.400	69.400	100.00	0.000	0.000
					B	0.000	69.400		100.00	0.000	0.000
					C	0.000	69.400		100.00	0.000	0.000
L3 89.0000-80.0000	84.4569	1.221	0.030	27.632	A	0.000	27.632	27.632	100.00	0.000	0.000
					B	0.000	27.632		100.00	0.000	0.000
					C	0.000	27.632		100.00	0.000	0.000
L4 80.0000-69.0000	74.4378	1.189	0.030	35.958	A	0.000	35.958	35.958	100.00	0.000	0.000
					B	0.000	35.958		100.00	0.000	0.000
					C	0.000	35.958		100.00	0.000	0.000
L5 69.0000-44.0000	56.2149	1.121	0.028	90.713	A	0.000	90.713	90.713	100.00	0.000	0.000
					B	0.000	90.713		100.00	0.000	0.000
					C	0.000	90.713		100.00	0.000	0.000
L6 44.0000-0.0000	22.1335	0.921	0.023	187.346	A	0.000	187.346	187.346	100.00	0.000	0.000
					B	0.000	187.346		100.00	0.000	0.000
					C	0.000	187.346		100.00	0.000	0.000

Tower Pressure - With Ice

G_H = 1.100

Section Elevation ft	z ft	K_Z	q_z ksf	t_Z in	A_G ft^2	Face	A_F ft^2	A_R ft^2	A_{leg} ft^2	Leg %	C_AA_A In Face ft^2	C_AA_A Out Face ft^2
L1 139.0000-	126.0456	1.329	0.008	2.2868	66.454	A	0.000	66.454	66.454	100.00	0.000	0.000

Section Elevation ft	z ft	K_Z	q_z ksf	t_Z in	A_G ft²	Face	A_F ft²	A_R ft²	A_{leg} ft²	Leg %	C_AA_A In Face ft²	C_AA_A Out Face ft²
114.0000						B	0.000	66.454		100.00	0.000	0.000
						C	0.000	66.454		100.00	0.000	0.000
L2 114.0000-89.0000	101.1233	1.269	0.008	2.2370	78.721	A	0.000	78.721	78.721	100.00	0.000	0.000
						B	0.000	78.721		100.00	0.000	0.000
						C	0.000	78.721		100.00	0.000	0.000
L3 89.0000-80.0000	84.4569	1.221	0.007	2.1971	30.988	A	0.000	30.988	30.988	100.00	0.000	0.000
						B	0.000	30.988		100.00	0.000	0.000
						C	0.000	30.988		100.00	0.000	0.000
L4 80.0000-69.0000	74.4378	1.189	0.007	2.1695	39.935	A	0.000	39.935	39.935	100.00	0.000	0.000
						B	0.000	39.935		100.00	0.000	0.000
						C	0.000	39.935		100.00	0.000	0.000
L5 69.0000-44.0000	56.2149	1.121	0.007	2.1094	99.502	A	0.000	99.502	99.502	100.00	0.000	0.000
						B	0.000	99.502		100.00	0.000	0.000
						C	0.000	99.502		100.00	0.000	0.000
L6 44.0000-0.0000	22.1335	0.921	0.006	1.9217	202.815	A	0.000	202.815	202.815	100.00	0.000	0.000
						B	0.000	202.815		100.00	0.000	0.000
						C	0.000	202.815		100.00	0.000	0.000

Tower Pressure - Service

G_H = 1.100

Section Elevation ft	z ft	K_Z	q_z ksf	A_G ft²	Face	A_F ft²	A_R ft²	A_{leg} ft²	Leg %	C_AA_A In Face ft²	C_AA_A Out Face ft²
L1 139.0000-114.0000	126.0456	1.329	0.010	56.925	A	0.000	56.925	56.925	100.00	0.000	0.000
					B	0.000	56.925		100.00	0.000	0.000
					C	0.000	56.925		100.00	0.000	0.000
L2 114.0000-89.0000	101.1233	1.269	0.010	69.400	A	0.000	69.400	69.400	100.00	0.000	0.000
					B	0.000	69.400		100.00	0.000	0.000
					C	0.000	69.400		100.00	0.000	0.000
L3 89.0000-80.0000	84.4569	1.221	0.010	27.632	A	0.000	27.632	27.632	100.00	0.000	0.000
					B	0.000	27.632		100.00	0.000	0.000
					C	0.000	27.632		100.00	0.000	0.000
L4 80.0000-69.0000	74.4378	1.189	0.009	35.958	A	0.000	35.958	35.958	100.00	0.000	0.000
					B	0.000	35.958		100.00	0.000	0.000
					C	0.000	35.958		100.00	0.000	0.000
L5 69.0000-44.0000	56.2149	1.121	0.009	90.713	A	0.000	90.713	90.713	100.00	0.000	0.000
					B	0.000	90.713		100.00	0.000	0.000
					C	0.000	90.713		100.00	0.000	0.000
L6 44.0000-0.0000	22.1335	0.921	0.007	187.346	A	0.000	187.346	187.346	100.00	0.000	0.000
					B	0.000	187.346		100.00	0.000	0.000
					C	0.000	187.346		100.00	0.000	0.000

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

Comb. No.	Description
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 Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	139 - 114	Pole	Max Tension	14	0.000	0.000	0.000
			Max. Compression	26	-19.307	0.000	-2.698
			Max. Mx	8	-6.270	-179.531	-0.515
			Max. My	14	-6.250	0.000	-186.271
			Max. Vy	8	9.055	-179.531	-0.515
			Max. Vx	14	9.325	0.000	-186.271
			Max. Torque	8			-0.952
L2	114 - 89	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-23.475	0.000	-2.736
			Max. Mx	8	-8.513	-379.975	-0.529
			Max. My	14	-8.495	0.000	-392.118
			Max. Vy	8	11.035	-379.975	-0.529
			Max. Vx	14	11.305	0.000	-392.118
			Max. Torque	8			-0.952
L3	89 - 80	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-28.108	0.000	-2.721
			Max. Mx	8	-11.211	-545.211	-0.536
			Max. My	14	-11.196	0.000	-561.140
			Max. Vy	8	12.559	-545.211	-0.536
			Max. Vx	14	12.830	0.000	-561.140
			Max. Torque	8			-0.951
L4	80 - 69	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-31.447	0.000	-2.708
			Max. Mx	8	-13.368	-689.963	-0.541
			Max. My	14	-13.354	0.000	-708.865
			Max. Vy	8	13.776	-689.963	-0.541
			Max. Vx	14	14.047	0.000	-708.865
			Max. Torque	8			-0.951

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L5	69 - 44	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-37.690	0.000	-2.681
			Max. Mx	8	-17.445	-971.569	-0.546
			Max. My	14	-17.435	0.000	-995.593
			Max. Vy	8	15.903	-971.569	-0.546
			Max. Vx	14	16.172	0.000	-995.593
			Max. Torque	8			-0.951
L6	44 - 0	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-60.255	0.000	-2.606
			Max. Mx	8	-33.344	-1904.961	-0.551
			Max. My	14	-33.344	0.000	-1942.332
			Max. Vy	8	21.265	-1904.961	-0.551
			Max. Vx	14	21.528	0.000	-1942.332
			Max. Torque	8			-0.951

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	26	60.255	0.000	0.001
	Max. H_x	21	25.014	21.253	-0.000
	Max. H_z	3	25.014	0.000	21.516
	Max. M_x	2	1941.230	0.000	21.515
	Max. M_z	8	1904.961	-21.252	-0.000
	Max. Torsion	20	0.951	21.252	-0.000
	Min. Vert	15	25.014	0.000	-21.516
	Min. H_x	9	25.014	-21.253	-0.000
	Min. H_z	15	25.014	0.000	-21.516
	Min. M_x	14	-1942.332	0.000	-21.515
	Min. M_z	20	-1904.961	21.252	-0.000
	Min. Torsion	8	-0.951	-21.252	-0.000

Tower Mast Reaction Summary

Load Combination	Vertical K	$Shear_x$ K	$Shear_z$ K	Overturning Moment, M_x kip-ft	Overturning Moment, M_z kip-ft	Torque kip-ft
Dead Only	27.794	0.000	0.000	0.443	0.000	0.000
1.2 Dead+1.6 Wind 0 deg - No Ice	33.352	0.000	-21.515	-1941.230	0.000	0.000
0.9 Dead+1.6 Wind 0 deg - No Ice	25.014	0.000	-21.516	-1932.684	0.000	0.000
1.2 Dead+1.6 Wind 30 deg - No Ice	33.352	10.627	-18.635	-1681.304	-952.512	0.475
0.9 Dead+1.6 Wind 30 deg - No Ice	25.014	10.627	-18.635	-1673.860	-948.233	0.475
1.2 Dead+1.6 Wind 60 deg - No Ice	33.352	18.406	-10.759	-970.476	-1649.811	0.823
0.9 Dead+1.6 Wind 60 deg - No Ice	25.014	18.406	-10.759	-966.238	-1642.399	0.823
1.2 Dead+1.6 Wind 90 deg - No Ice	33.352	21.252	0.000	0.551	-1904.961	0.951
0.9 Dead+1.6 Wind 90 deg - No Ice	25.014	21.253	0.000	0.409	-1896.426	0.950
1.2 Dead+1.6 Wind 120 deg - No Ice	33.352	18.406	10.759	971.577	-1649.812	0.823
0.9 Dead+1.6 Wind 120 deg - No Ice	25.014	18.406	10.759	967.056	-1642.399	0.823
1.2 Dead+1.6 Wind 150 deg - No Ice	33.352	10.627	18.635	1682.407	-952.513	0.475
0.9 Dead+1.6 Wind 150 deg - No Ice	25.014	10.627	18.635	1674.679	-948.234	0.475
1.2 Dead+1.6 Wind 180 deg	33.352	0.000	21.515	1942.332	0.000	0.000

Load Combination	Vertical K	$Shear_x$ K	$Shear_z$ K	Overturning Moment, M_x kip-ft	Overturning Moment, M_z kip-ft	Torque kip-ft
- No Ice 0.9 Dead+1.6 Wind 180 deg	25.014	0.000	21.516	1933.504	0.000	0.000
- No Ice 1.2 Dead+1.6 Wind 210 deg	33.352	-10.627	18.635	1682.407	952.513	-0.475
- No Ice 0.9 Dead+1.6 Wind 210 deg	25.014	-10.627	18.635	1674.679	948.234	-0.475
- No Ice 1.2 Dead+1.6 Wind 240 deg	33.352	-18.406	10.759	971.577	1649.812	-0.823
- No Ice 0.9 Dead+1.6 Wind 240 deg	25.014	-18.406	10.759	967.056	1642.399	-0.823
- No Ice 1.2 Dead+1.6 Wind 270 deg	33.352	-21.252	0.000	0.551	1904.961	-0.951
- No Ice 0.9 Dead+1.6 Wind 270 deg	25.014	-21.253	0.000	0.409	1896.426	-0.950
- No Ice 1.2 Dead+1.6 Wind 300 deg	33.352	-18.406	-10.759	-970.476	1649.811	-0.823
- No Ice 0.9 Dead+1.6 Wind 300 deg	25.014	-18.406	-10.759	-966.238	1642.399	-0.823
- No Ice 1.2 Dead+1.6 Wind 330 deg	33.352	-10.627	-18.635	-1681.304	952.512	-0.475
- No Ice 0.9 Dead+1.6 Wind 330 deg	25.014	-10.627	-18.635	-1673.860	948.233	-0.475
- No Ice 1.2 Dead+1.0 Ice+1.0 Temp	60.255	0.000	-0.001	2.606	0.000	0.000
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	60.255	0.000	-6.560	-600.805	0.000	0.000
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	60.255	3.251	-5.681	-519.926	-297.715	0.136
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	60.255	5.632	-3.280	-298.960	-515.657	0.235
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	60.255	6.503	-0.000	2.886	-595.430	0.271
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	60.255	5.632	3.280	304.732	-515.657	0.235
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	60.255	3.251	5.681	525.698	-297.715	0.136
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	60.255	0.000	6.560	606.577	0.000	0.000
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	60.255	-3.251	5.681	525.698	297.715	-0.136
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	60.255	-5.632	3.280	304.732	515.657	-0.235
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	60.255	-6.503	-0.000	2.886	595.430	-0.271
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	60.255	-5.632	-3.280	-298.960	515.657	-0.235
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	60.255	-3.251	-5.681	-519.926	297.715	-0.136
Dead+Wind 0 deg - Service	27.794	0.000	-4.246	-381.636	0.000	0.000
Dead+Wind 30 deg - Service	27.794	2.097	-3.677	-330.445	-187.407	0.094
Dead+Wind 60 deg - Service	27.794	3.632	-2.123	-190.589	-324.599	0.163
Dead+Wind 90 deg - Service	27.794	4.193	-0.000	0.457	-374.815	0.188
Dead+Wind 120 deg - Service	27.794	3.632	2.123	191.504	-324.599	0.163
Dead+Wind 150 deg - Service	27.794	2.097	3.677	331.360	-187.407	0.094
Dead+Wind 180 deg - Service	27.794	0.000	4.246	382.551	0.000	0.000
Dead+Wind 210 deg - Service	27.794	-2.097	3.677	331.360	187.407	-0.094
Dead+Wind 240 deg - Service	27.794	-3.632	2.123	191.504	324.599	-0.163
Dead+Wind 270 deg - Service	27.794	-4.193	-0.000	0.457	374.815	-0.188
Dead+Wind 300 deg - Service	27.794	-3.632	-2.123	-190.589	324.599	-0.163
Dead+Wind 330 deg - Service	27.794	-2.097	-3.677	-330.445	187.407	-0.094

Solution Summary

Load Comb.	Sum of Applied Forces PX K	PY K	PZ K	Sum of Reactions PX K	PY K	PZ K	% Error
1	0.000	-27.794	0.000	0.000	27.794	-0.000	0.000%
2	0.000	-33.352	-21.518	0.000	33.352	21.515	0.006%
3	0.000	-25.014	-21.518	0.000	25.014	21.516	0.005%
4	10.627	-33.352	-18.635	-10.627	33.352	18.635	0.000%
5	10.627	-25.014	-18.635	-10.627	25.014	18.635	0.000%
6	18.406	-33.352	-10.759	-18.406	33.352	10.759	0.000%
7	18.406	-25.014	-10.759	-18.406	25.014	10.759	0.000%
8	21.253	-33.352	0.000	-21.252	33.352	-0.000	0.002%
9	21.253	-25.014	0.000	-21.253	25.014	-0.000	0.002%
10	18.406	-33.352	10.759	-18.406	33.352	-10.759	0.000%
11	18.406	-25.014	10.759	-18.406	25.014	-10.759	0.000%
12	10.627	-33.352	18.635	-10.627	33.352	-18.635	0.000%
13	10.627	-25.014	18.635	-10.627	25.014	-18.635	0.000%
14	0.000	-33.352	21.518	0.000	33.352	-21.515	0.006%
15	0.000	-25.014	21.518	0.000	25.014	-21.516	0.005%
16	-10.627	-33.352	18.635	10.627	33.352	-18.635	0.000%
17	-10.627	-25.014	18.635	10.627	25.014	-18.635	0.000%
18	-18.406	-33.352	10.759	18.406	33.352	-10.759	0.000%
19	-18.406	-25.014	10.759	18.406	25.014	-10.759	0.000%
20	-21.253	-33.352	0.000	21.252	33.352	-0.000	0.002%
21	-21.253	-25.014	0.000	21.253	25.014	-0.000	0.002%
22	-18.406	-33.352	-10.759	18.406	33.352	10.759	0.000%
23	-18.406	-25.014	-10.759	18.406	25.014	10.759	0.000%
24	-10.627	-33.352	-18.635	10.627	33.352	18.635	0.000%
25	-10.627	-25.014	-18.635	10.627	25.014	18.635	0.000%
26	0.000	-60.255	0.000	0.000	60.255	0.001	0.002%
27	0.000	-60.255	-6.560	0.000	60.255	6.560	0.000%
28	3.252	-60.255	-5.681	-3.251	60.255	5.681	0.000%
29	5.632	-60.255	-3.280	-5.632	60.255	3.280	0.000%
30	6.503	-60.255	0.000	-6.503	60.255	0.000	0.000%
31	5.632	-60.255	3.280	-5.632	60.255	-3.280	0.000%
32	3.252	-60.255	5.681	-3.251	60.255	-5.681	0.000%
33	0.000	-60.255	6.560	0.000	60.255	-6.560	0.000%
34	-3.252	-60.255	5.681	3.251	60.255	-5.681	0.000%
35	-5.632	-60.255	3.280	5.632	60.255	-3.280	0.000%
36	-6.503	-60.255	0.000	6.503	60.255	0.000	0.000%
37	-5.632	-60.255	-3.280	5.632	60.255	3.280	0.000%
38	-3.252	-60.255	-5.681	3.251	60.255	5.681	0.000%
39	0.000	-27.794	-4.247	0.000	27.794	4.246	0.004%
40	2.097	-27.794	-3.678	-2.097	27.794	3.677	0.004%
41	3.632	-27.794	-2.123	-3.632	27.794	2.123	0.004%
42	4.194	-27.794	0.000	-4.193	27.794	0.000	0.004%
43	3.632	-27.794	2.123	-3.632	27.794	-2.123	0.004%
44	2.097	-27.794	3.678	-2.097	27.794	-3.677	0.004%
45	0.000	-27.794	4.247	0.000	27.794	-4.246	0.004%
46	-2.097	-27.794	3.678	2.097	27.794	-3.677	0.004%
47	-3.632	-27.794	2.123	3.632	27.794	-2.123	0.004%
48	-4.194	-27.794	0.000	4.193	27.794	0.000	0.004%
49	-3.632	-27.794	-2.123	3.632	27.794	2.123	0.004%
50	-2.097	-27.794	-3.678	2.097	27.794	3.677	0.004%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	6	0.00000001	0.00000001
2	Yes	12	0.00008569	0.00010864
3	Yes	12	0.00006163	0.00009857
4	Yes	15	0.00000001	0.00010748
5	Yes	15	0.00000001	0.00008678
6	Yes	15	0.00000001	0.00009840
7	Yes	15	0.00000001	0.00007938
8	Yes	13	0.00000001	0.00008548
9	Yes	13	0.00000001	0.00007310

10	Yes	15	0.00000001	0.00010891
11	Yes	15	0.00000001	0.00008802
12	Yes	15	0.00000001	0.00010138
13	Yes	15	0.00000001	0.00008165
14	Yes	12	0.00008570	0.00010879
15	Yes	12	0.00006164	0.00009867
16	Yes	15	0.00000001	0.00010138
17	Yes	15	0.00000001	0.00008165
18	Yes	15	0.00000001	0.00010891
19	Yes	15	0.00000001	0.00008802
20	Yes	13	0.00000001	0.00008548
21	Yes	13	0.00000001	0.00007310
22	Yes	15	0.00000001	0.00009840
23	Yes	15	0.00000001	0.00007938
24	Yes	15	0.00000001	0.00010748
25	Yes	15	0.00000001	0.00008678
26	Yes	6	0.00000001	0.00004737
27	Yes	15	0.00000001	0.00007401
28	Yes	15	0.00000001	0.00007917
29	Yes	15	0.00000001	0.00007868
30	Yes	15	0.00000001	0.00007372
31	Yes	15	0.00000001	0.00008020
32	Yes	15	0.00000001	0.00008087
33	Yes	15	0.00000001	0.00007588
34	Yes	15	0.00000001	0.00008087
35	Yes	15	0.00000001	0.00008020
36	Yes	15	0.00000001	0.00007372
37	Yes	15	0.00000001	0.00007868
38	Yes	15	0.00000001	0.00007917
39	Yes	11	0.00000001	0.00007058
40	Yes	11	0.00000001	0.00006086
41	Yes	11	0.00000001	0.00005548
42	Yes	11	0.00000001	0.00007115
43	Yes	11	0.00000001	0.00006220
44	Yes	11	0.00000001	0.00005694
45	Yes	11	0.00000001	0.00007101
46	Yes	11	0.00000001	0.00005694
47	Yes	11	0.00000001	0.00006220
48	Yes	11	0.00000001	0.00007115
49	Yes	11	0.00000001	0.00005548
50	Yes	11	0.00000001	0.00006086

Maximum Tower Deflections - Service Wind

Section No.	*Elevation ft*	*Horz. Deflection in*	*Gov. Load Comb.*	*Tilt °*	*Twist °*
L1	139 - 114	7.919	45	0.531	0.002
L2	114 - 89	5.259	45	0.461	0.001
L3	94 - 80	3.521	45	0.364	0.001
L4	80 - 69	2.524	45	0.308	0.000
L5	69 - 44	1.867	45	0.262	0.000
L6	50 - 0	0.986	45	0.180	0.000

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	*Appurtenance*	*Gov. Load Comb.*	*Deflection in*	*Tilt °*	*Twist °*	*Radius of Curvature ft*
135.0000	MT6407-77A w/ Mount Pipe	45	7.475	0.522	0.002	53833

Maximum Tower Deflections - Design Wind

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

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	139 - 114	40.164	14	2.686	0.010
L2	114 - 89	26.689	14	2.336	0.005
L3	94 - 80	17.876	14	1.849	0.003
L4	80 - 69	12.814	14	1.565	0.002
L5	69 - 44	9.478	14	1.331	0.001
L6	50 - 0	5.006	14	0.916	0.001

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
135.0000	MT6407-77A w/ Mount Pipe	14	37.917	2.644	0.009	10763

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
L1	139 - 114 (1)	TP29.875x24x0.1875	25.0000	0.0000	0.0	17.6678	-6.250	1120.820	0.006
L2	114 - 89 (2)	TP35.813x29.875x0.25	25.0000	0.0000	0.0	27.2769	-8.495	1836.280	0.005
L3	89 - 80 (3)	TP37.375x34.1254x0.3125	14.0000	0.0000	0.0	36.7614	-11.196	2604.220	0.004
L4	80 - 69 (4)	TP40x37.375x0.375	11.0000	0.0000	0.0	47.1637	-13.354	3454.780	0.004
L5	69 - 44 (5)	TP45.875x40x0.375	25.0000	0.0000	0.0	52.4781	-17.435	3727.660	0.005
L6	44 - 0 (6)	TP55.625x43.715x0.4375	50.0000	0.0000	0.0	76.6347	-33.344	5321.220	0.006

Pole Bending Design Data

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{nx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} kip-ft	ϕM_{ny} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L1	139 - 114 (1)	TP29.875x24x0.1875	186.271	685.283	0.272	0.000	685.283	0.000
L2	114 - 89 (2)	TP35.813x29.875x0.25	392.118	1298.767	0.302	0.000	1298.767	0.000
L3	89 - 80 (3)	TP37.375x34.1254x0.3125	561.140	1983.625	0.283	0.000	1983.625	0.000
L4	80 - 69 (4)	TP40x37.375x0.375	708.864	2810.550	0.252	0.000	2810.550	0.000
L5	69 - 44 (5)	TP45.875x40x0.375	995.592	3377.458	0.295	0.000	3377.458	0.000
L6	44 - 0 (6)	TP55.625x43.715x0.4375	1942.333	6038.300	0.322	0.000	6038.300	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V_u K	ϕV_n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u kip-ft	ϕT_n kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	139 - 114 (1)	TP29.875x24x0.1875	9.325	560.412	0.017	0.000	1373.550	0.000
L2	114 - 89 (2)	TP35.813x29.875x0.25	11.305	918.139	0.012	0.000	2603.567	0.000
L3	89 - 80 (3)	TP37.375x34.1254x0.3125	12.830	1302.110	0.010	0.000	3977.150	0.000
L4	80 - 69 (4)	TP40x37.375x0.375	14.047	1727.390	0.008	0.000	5636.000	0.000
L5	69 - 44 (5)	TP45.875x40x0.375	16.172	1863.830	0.009	0.000	6771.858	0.000

Section No.	Elevation ft	Size	Actual V_u K	ϕV_n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u kip-ft	ϕT_n kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L6	44 - 0 (6)	TP55.625x43.715x0.4375	21.528	2660.610	0.008	0.000	12105.833	0.000

Pole Interaction Design Data

Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	139 - 114 (1)	0.006	0.272	0.000	0.017	0.000	0.278	1.000	4.8.2
L2	114 - 89 (2)	0.005	0.302	0.000	0.012	0.000	0.307	1.000	4.8.2
L3	89 - 80 (3)	0.004	0.283	0.000	0.010	0.000	0.287	1.000	4.8.2
L4	80 - 69 (4)	0.004	0.252	0.000	0.008	0.000	0.256	1.000	4.8.2
L5	69 - 44 (5)	0.005	0.295	0.000	0.009	0.000	0.300	1.000	4.8.2
L6	44 - 0 (6)	0.006	0.322	0.000	0.008	0.000	0.328	1.000	4.8.2

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	139 - 114	Pole	TP29.875x24x0.1875	1	-6.250	1120.820	27.8	Pass
L2	114 - 89	Pole	TP35.813x29.875x0.25	2	-8.495	1836.280	30.7	Pass
L3	89 - 80	Pole	TP37.375x34.1254x0.3125	3	-11.196	2604.220	28.7	Pass
L4	80 - 69	Pole	TP40x37.375x0.375	4	-13.354	3454.780	25.6	Pass
L5	69 - 44	Pole	TP45.875x40x0.375	5	-17.435	3727.660	30.0	Pass
L6	44 - 0	Pole	TP55.625x43.715x0.4375	6	-33.344	5321.220	32.8	Pass
							Summary	
						Pole (L6)	32.8	Pass
						RATING =	**32.8**	**Pass**

APPENDIX B

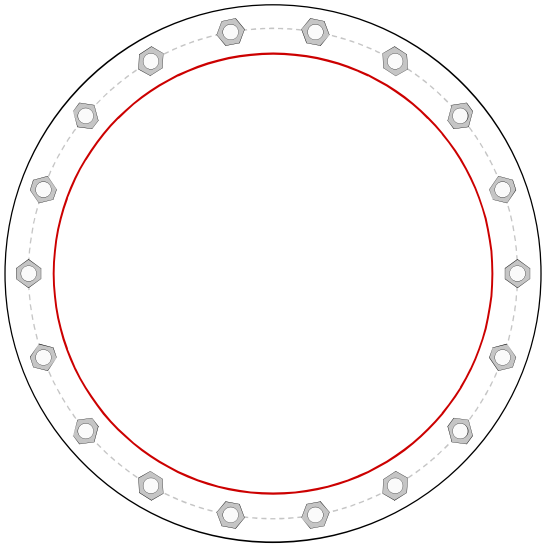
ADDITIONAL CALCULATIONS

Monopole Base Plate Connection

Site Info	
Site Name	
Order #	

Analysis Considerations	
TIA-222 Revision	
Grout Considered:	No
$_{ar}$ (in)	0
Eta Factor, η	0.5

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



Connection Properties

Anchor Rod Data

(18) 2" ø bolts (F1554-105 N; Fy=105 ksi, Fu=125 ksi) on 62" BC

Base Plate Data

68" OD x 2.5" Plate (A572-50; Fy=50 ksi, Fu=65 ksi)

Stiffener Data

Pole Data

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

Analysis Results

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

Pu_c = 85.36	ϕPn_t = 250	**Stress Rating**
Vu = 1.2	ϕVn = n/a	
Mu = n/a	ϕMn = n/a	Pass

Base Plate Summary

Max Stress (ksi):	(Flexural)
Allowable Stress (ksi):	
Stress Rating:	Pass

Factored Foundation Loads:

	LC1	LC2	
Factored Axial Load (+Comp, -Ten) =	**33.34**	**25.005**	kips
Factored Horiz. Load at Top of Pier =	**21.53**	**21.53**	kips
Factored OTM at Top of Pier =	**1942.3**	**1942.3**	k-ft

LRFD Resistance and Load Factors:

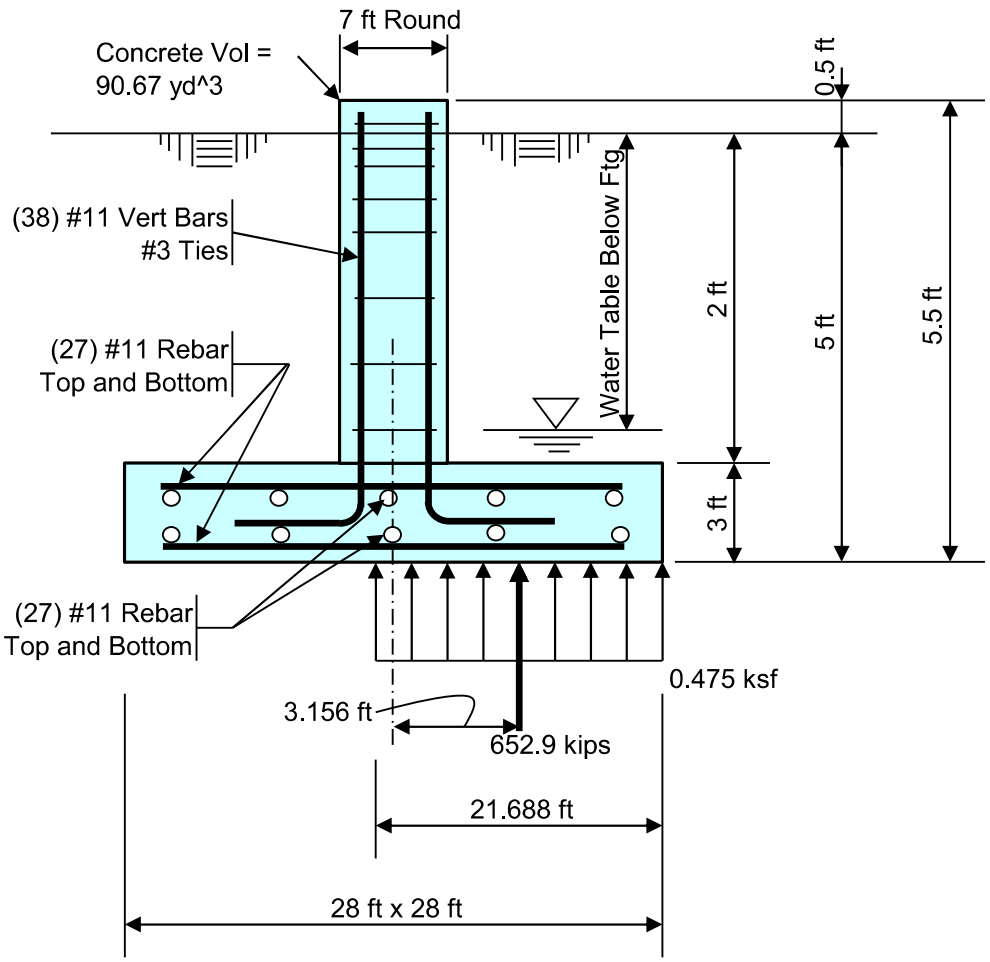
	Φ	Dead Load Factors	
Soil Bearing =	**0.75**		
Soil Weight =	**0.75**	1.2	0.9
Concrete Weight =	**0.75**	1.2	0.9

Soil Properties:

Depth to Water Table = **99** ft

Uplift Cone from **Top** of footing

Layer Thk ft	Soil Density pcf	Cohesion ksf	Friction Angle degrees	Ult Bearing ksf	Depth ft
5	**100**	**0**	**30**	**6**	**5.00**



Dimensions:

Pier Shape =	**Round**	
Pier Width =	**7**	ft Diameter
Pier Height above Grade =	**0.5**	ft
Depth to Bottom of Footing =	**5**	ft
Footing Thickness =	**3**	ft
Footing Width, B =	**28**	ft
Footing Length, L =	**28**	ft

Concrete:

Concrete Strength =	**4**	ksi
Rebar Strength =	**60**	ksi

Total Pad Reinf Stl =	**84.24**	in^2 >= 21.77 in^2 = Min Stl, OK
Total Pier Reinf Stl =	**59.28**	in^2 >= 27.71 in^2 = Min Stl, OK
Footing Thickness =	**3.00**	ft >= 1.81 ft = Min Ftg Thk, OK

Summary Results:

	Required		Available		
Maximum Net Soil Bearing =	**0.475**	ksf	**4.500**	ksf	Stress Ratio = **10.6%** in Soil Bearing
Uplift =	**0.0**	kips	**397.2**	kips	Stress Ratio = **0.0%** in Uplift
Punching Shear Stress =	**0.024**	ksi	**0.190**	ksi	Stress Ratio = **12.4%** in Punching Shear
Bending Shear Stress =	**101.3**	kips	**984.5**	kips	Stress Ratio = **10.3%** in Bending Shear
Bending Moment =	**733.58**	k-ft	**5644.3**	k-ft	Stress Ratio = **13.0%** in Bending Moment
Conc Pier Reinforcing Steel =	**1996.2**	k-ft	**9094.1**	k-ft	Stress Ratio = **22.0%** in Pier Rebar

Maser Consulting Connecticut
2000 Midlantic Drive, Suite 100
Mt. Laurel, NJ 08054
856.797.0412
Greg.Dulnik@colliersengineering.com

Post-Mod Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10097505
Maser Consulting Connecticut Project #: 20777388A (Rev. 1)

August 20, 2021

Site Information	*Site ID:*	*467898-VZW / Thompson 2*
	Site Name:	*Thompson 2*
	Carrier Name:	*Verizon Wireless*
	Address:	*347 Riverside Drive* *North Grosvenordale, Connecticut 06255* *Windham County*
	Latitude:	*41.953194°*
	Longitude:	*-71.883611°*
Structure Information	*Tower Type:*	*140-Ft Monopole*
	Mount Type:	*14.50-Ft Platform*

FUZE ID # 16244733

Analysis Results

Platform: **53.8% 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: Nathan LaPorte

08/20/2021

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS Site ID: 650338, dated October 15, 2020*
Mount Mapping Report	*Tower Engineering Professionals, Site ID: 467898, dated December 7, 2020*
Previous Mount Analysis	*Maser Consulting Connecticut, Project #: 20777388A dated August 19, 2021*
Mount Modification Drawings	*Maser Consulting Connecticut, Project #: 20777388A dated August 20, 2021*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	120 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:	0.986
Seismic Parameters:	S_S:	0.184
	S_1:	0.055
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
135.00	137.00	3	Samsung	MT6407-77A	Added
		3	Andrew	LNX-6514DS-A1M	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		2	Raycap	RHSDC-3315-PF-48	Retained
		6	Andrew	SBNHH-1D65B	

Standard Conditions:

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

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

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

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

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

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

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

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

7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:
   - Channel, Solid Round, Angle, Plate — ASTM A36 (Gr. 36)
   - HSS (Rectangular) — ASTM 500 (Gr. B-46)
   - Pipe — ASTM A53 (Gr. B-35)
   - Threaded Rod — F1554 (Gr. 36)
   - Bolts — ASTM A325
8. Any mount modifications listed under Sources of Information are assumed to have been installed per the design specifications.

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

Analysis Results:

Component	Utilization %	Pass/Fail
Mount Pipe	37.1%	Pass
Extension HSS	20.6%	Pass
Corner Plate	41.7%	Pass
Cross Arm Plate	24.9%	Pass
Grating Support	33.6%	Pass
Platform Crossmember	53.8%	Pass
Standoff Horizontal	16.8%	Pass
Face Horizontal	16.8%	Pass
Support Rail	20.5%	Pass
Support Rail Corner	45.8%	Pass
Kicker	9.2%	Pass
Connection Check	40.3%	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**53.8%**

Recommendation:

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

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

Attachments:

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

V3.0 Updated on 8-31-2020

Antenna Mount Mapping Form (PATENT PENDING)

FCC # N/A

Tower Owner:	Unknown	**Mapping Date:**	12/7/2020
Site Name:	NE Thompson 2	**Tower Type:**	Monopole
Site Number or ID:	467898	**Tower Height (Ft.):**	140
Mapping Contractor:	TEP	**Mount Elevation (Ft.):**	137.5

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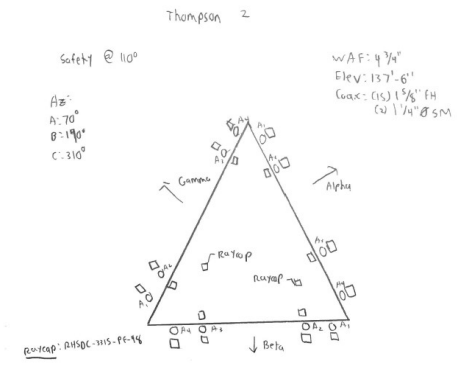
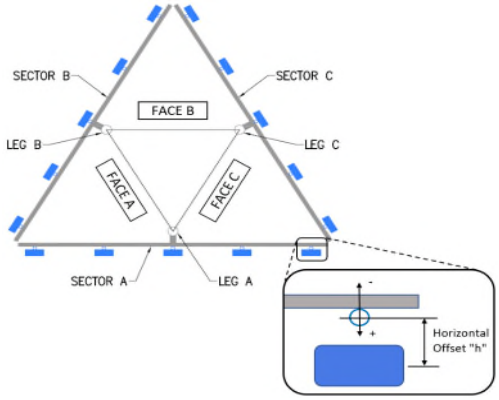
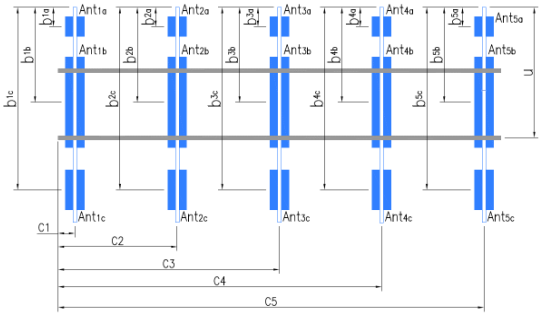


Mount Pipe Configuration and Geometries [Unit = Inches]							
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2.4"x0.154"x72"	47.00	16.00	C1	2.4"x0.154"x72"	47.00	16.00
A2	2.4"x0.154"x72"	47.00	40.00	C2	2.4"x0.154"x72"	47.00	40.00
A3	2.4"x0.154"x72"	47.00	138.00	C3	2.4"x0.154"x72"	47.00	138.00
A4	2.4"x0.154"x72"	47.00	162.00	C4	2.4"x0.154"x72"	47.00	162.00
A5				C5			
A6				C6			
B1	2.4"x0.154"x72"	47.00	16.00	D1			
B2	2.4"x0.154"x72"	47.00	40.00	D2			
B3	2.4"x0.154"x72"	47.00	138.00	D3			
B4	2.4"x0.154"x72"	47.00	162.00	D4			
B5				D5			
B6				D6			
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :							0.00
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :							
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :							
Please enter additional infomation or comments below.							
Tower Face Width at Mount Elev. (ft.):			Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):				27



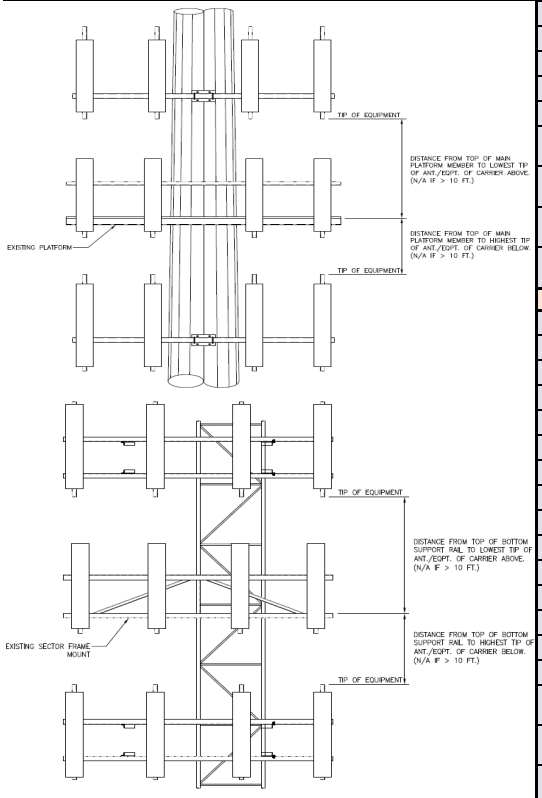


Antenna Layout (Looking Out From Tower)

Ants. Items	Enter antenna model. If not labeled, enter "Unknown". Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Mounting Locations [Units are inches and degrees] Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photos of antennas Photo Numbers
Sector A										
Ant_{1a}										
Ant_{1b}	LPA 80063/6CF E-DIN	14.96	13.07	70.87	.) 1 5/8" F	139.25	26.00	12.00	70.00	138
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	SBNHH-1D65B	11.85	7.09	72.87		139.083	28.00	9.00	70.00	149
Ant_{2c}	B66a RRH 4x45	11.80	7.20	25.80	.) 1 5/8" F	139.75	20.00	-6.50		153
Ant_{3a}										
Ant_{3b}	SBNHH-1D65B	11.85	7.09	72.87		139.083	28.00	9.00	70.00	164
Ant_{3c}	B13 RRH4x30	11.40	6.90	20.70	.) 1 5/8" F	139.417	24.00	-6.00		167
Ant_{4a}										
Ant_{4b}	LPA 80063/6CF E-DIN	14.96	13.07	70.87	.) 1 5/8" F	139.25	26.00	12.00	70.00	178
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	70.00	Deg	Leg A:		Deg
Sector B:	190.00	Deg	Leg B:		Deg
Sector C:	310.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information			
Location:	110.00	Deg	Sector A
Climbing Facility	Corrosion Type:		Good condition.
	Access:		Climbing path was obstructed.
	Condition:		Good condition.



Sector B										
Ant_{1a}										
Ant_{1b}	LPA 80063/6CF E-DIN	14.96	13.07	70.87	) 1 5/8" F	139.25	26.00	12.00	190.00	188
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	SBNHH-1D65B	11.85	7.09	72.87		139.083	28.00	9.00	190.00	191
Ant_{2c}	B66a RRH 4x45	11.80	7.20	25.80	) 1 5/8" F	139.75	20.00	-6.50		194
Ant_{3a}										
Ant_{3b}	SBNHH-1D65B	11.85	7.09	72.87		139.083	28.00	9.00	190.00	202
Ant_{3c}	B13 RRH4x30	11.40	6.90	20.70	) 1 5/8" F	139.417	24.00	-6.00		205
Ant_{4a}										
Ant_{4b}	LPA 80063/6CF E-DIN	14.96	13.07	70.87	) 1 5/8" F	139.25	26.00	12.00	190.00	208
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff	RHSDC-3315-PF-48	15.73	10.30	28.83	) 1 1/4" SM		36.00			197
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}										
Ant_{1b}	LPA 80063/6CF E-DIN	14.96	13.07	70.87	) 1 5/8" F	139.25	26.00	12.00	310.00	218
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	SBNHH-1D65B	11.85	7.09	72.87		139.083	28.00	9.00	310.00	221
Ant_{2c}	B66a RRH 4x45	11.80	7.20	25.80	) 1 5/8" F	139.75	20.00	-6.50		224
Ant_{3a}										
Ant_{3b}	SBNHH-1D65B	11.85	7.09	72.87		139.083	28.00	9.00	310.00	230
Ant_{3c}	B13 RRH4x30	11.40	6.90	20.70	) 1 5/8" F	139.417	24.00	-6.00		233
Ant_{4a}										
Ant_{4b}	LPA 80063/6CF E-DIN	14.96	13.07	70.87	) 1 5/8" F	139.25	26.00	12.00	310.00	236
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff	RHSDC-3315-PF-48	15.73	10.30	28.83	) 1 1/4" SM		36.00			227
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	The safety climb system is obstructed by the mount at 137'-6".	65
2	(3) Cut 1 5/8" FH coax are present on the mount.	
3		
4		
5		
6		
7		
8		

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

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

V3.0 Updated on 8-31-2020

Antenna Mount Mapping Form (PATENT PENDING)

FCC # N/A

Tower Owner:	Unknown	**Mapping Date:**	12/7/2020
Site Name:	NE Thompson 2	**Tower Type:**	Monopole
Site Number or ID:	467898	**Tower Height (Ft.):**	140
Mapping Contractor:	TEP	**Mount Elevation (Ft.):**	137.5

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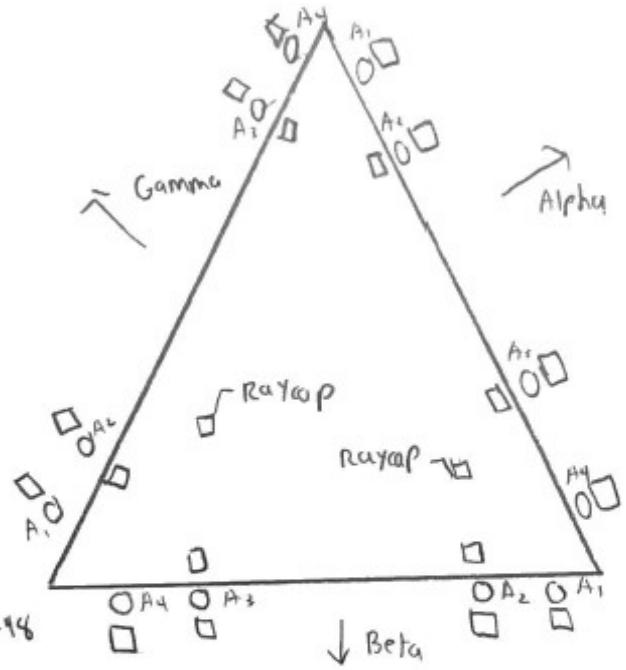
Please Insert Sketches of the Antenna Mount

Thompson 2

Safety @ 110°

WAF: 4 3/4"
Elev: 137'-6"
Coax: (15) 1 5/8" FH
(2) 1 1/4" Ø SM

Az:
A: 70°
B: 190°
C: 310°



Raycap: RHSDC-3315-PF-48

Sectors	M. P	Model	U	C	B	H
A1	2.4" Ø x 6'-0"	LPA 80063/6CF E-DIN	47"	16"	26"	12"
A2		SBNHH 1D65B		40"	28"	9"
A3		SBNHH 1D65B		138"	28"	9"
A4		LPA 80063/6CF E-DIN		162"	26"	12"
E1	POS2	B66A RRH 4x45	—	—	20"	6 1/2"
E2	POS3	B13 RRH 4x30	—	—	24"	6"

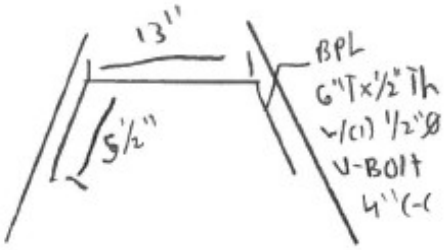
Please Insert Sketches of the Antenna Mount, cont'd

Back

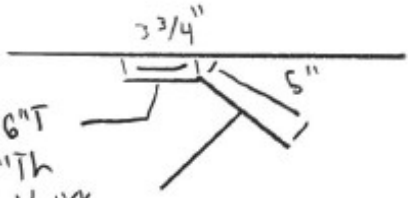
MP Connec

C: 2"D x 8 1/4" T x 6" W x 3/8" Th
w/(2) 1/2"Ø U-Bolt
MP: 6" C-C V, 3" C-C H
FP: 5" C-C H, 4" C-C V

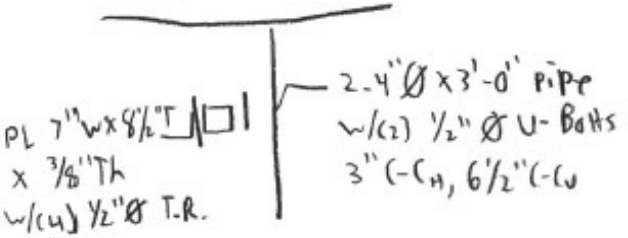
Corner Connec



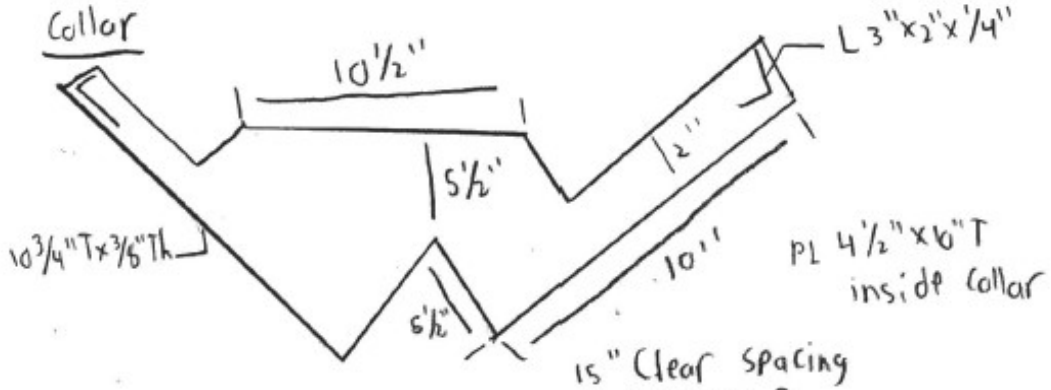
Angle – FP Connec



Raycap Connec

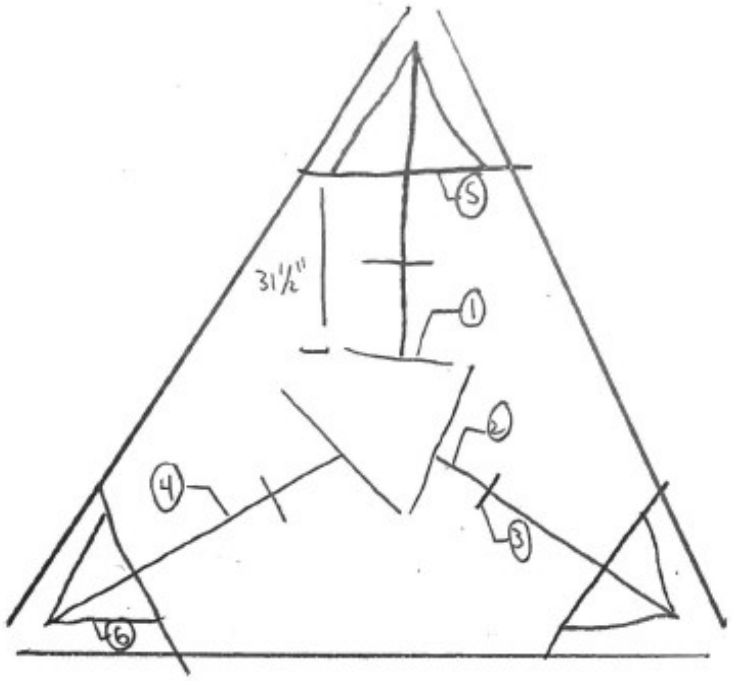


Collar



Please Insert Sketches of the Antenna Mount, cont'd

Steel plan



① : PL 10"X10" x 1/2"
w/(4) 5/8" Ø Bolts 6 1/2" C-C

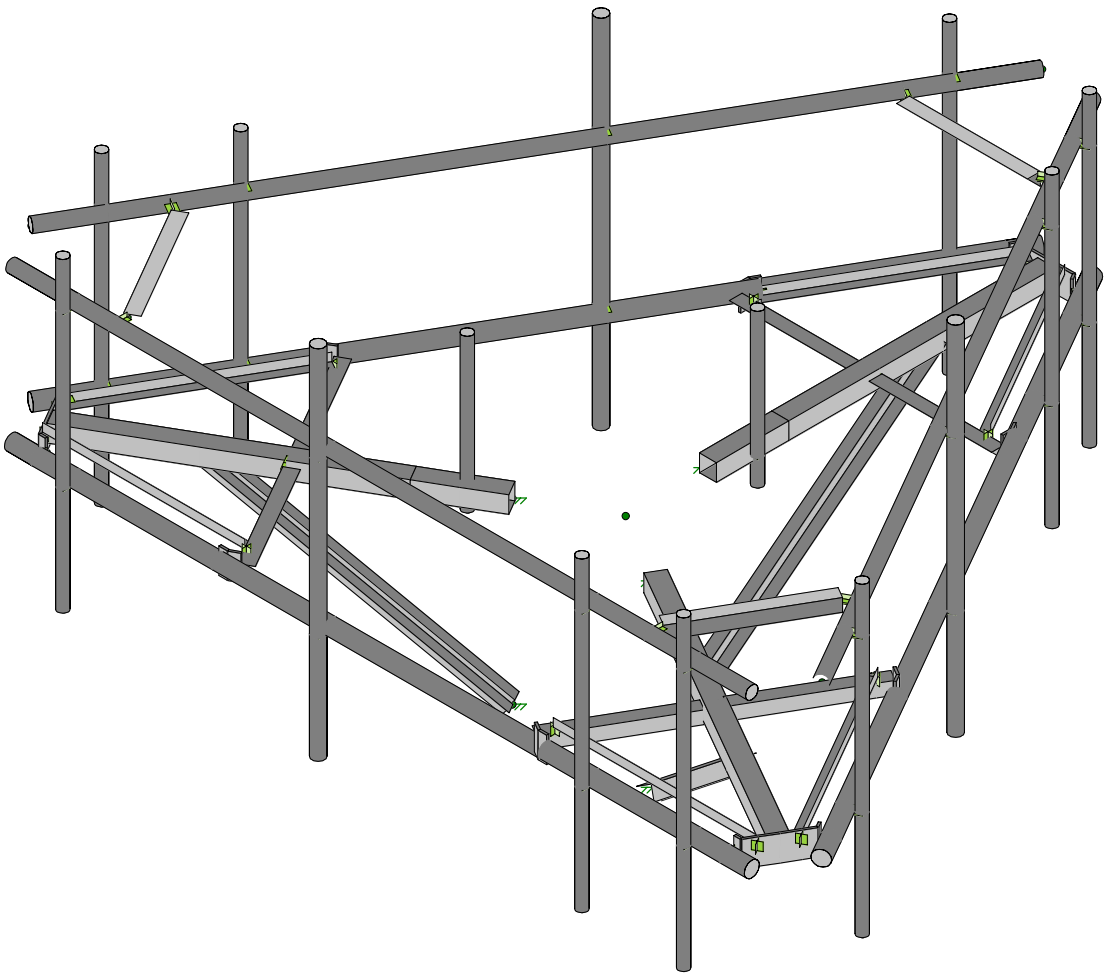
② : HSS 4"x4"x 15"L x 1/4"

③ : (2) PL 10" x 10" x 1/2"
w/(4) 5/8" Ø Bolts 6 1/2" C-C

④ : HSS 4"x4" x 1/4" x 5'-0" L

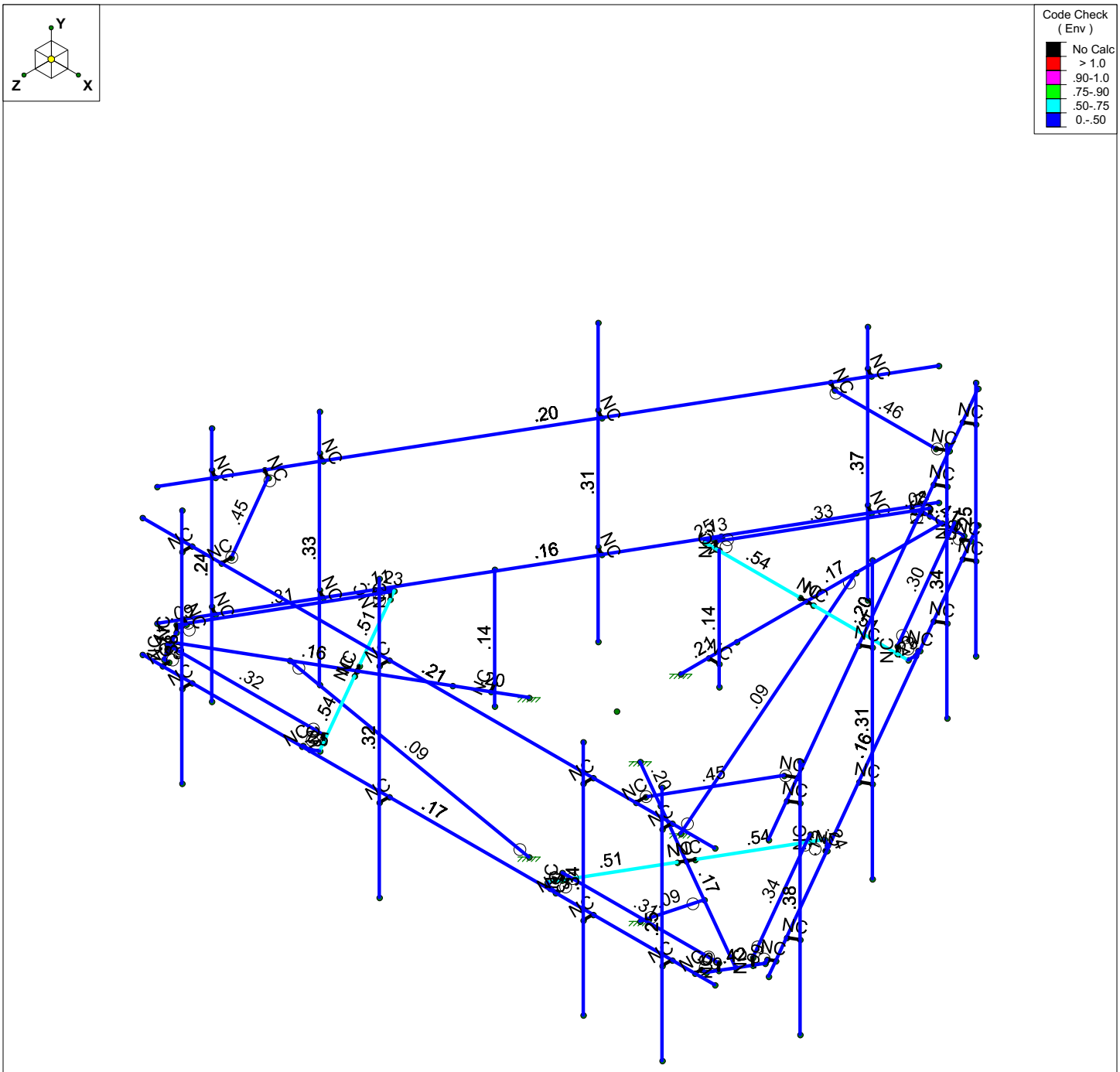
⑤ : L 3"x3" x 1/4"

⑥ : L 2"x2" x 1/4"



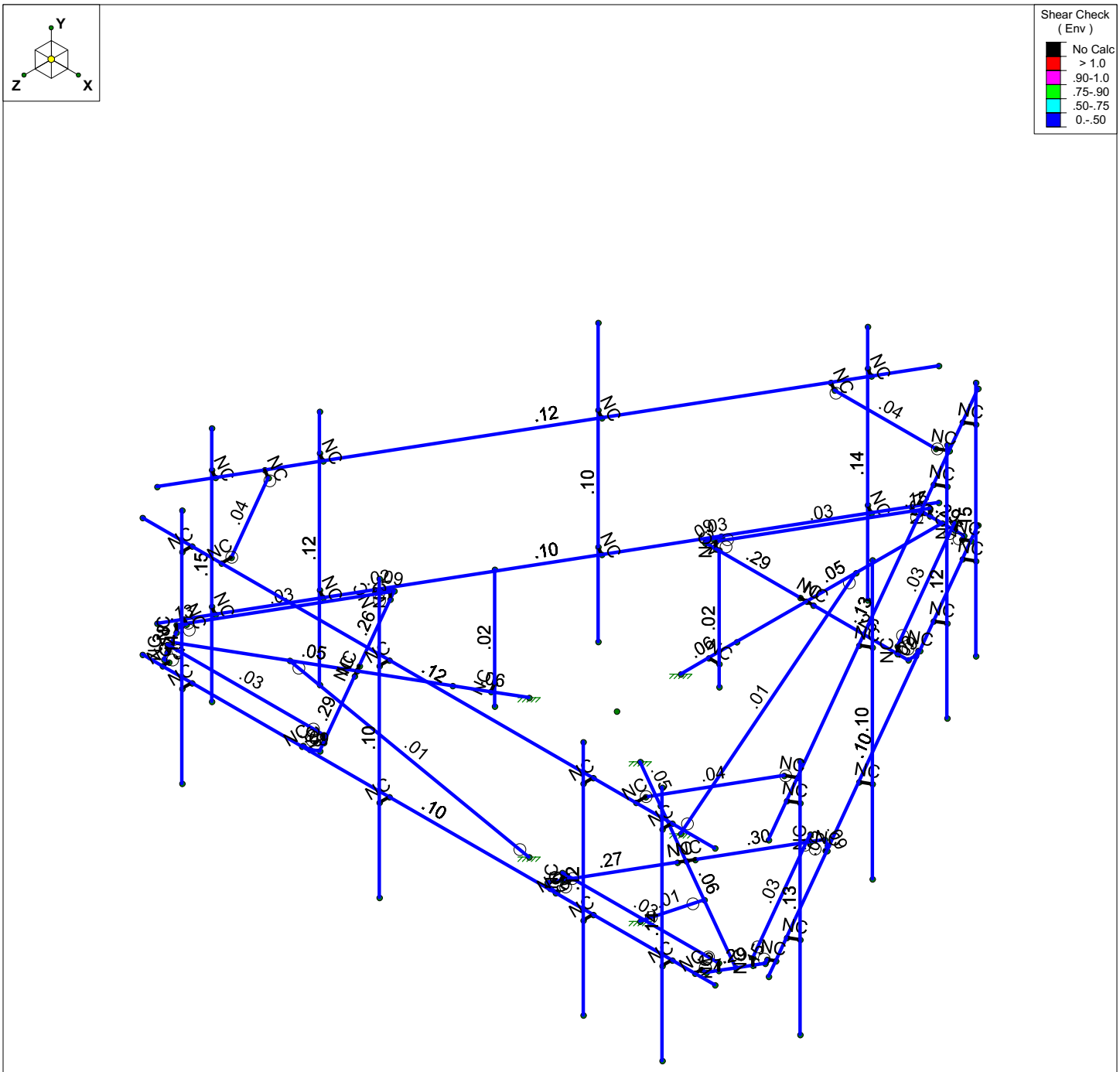
Envelope Only Solution

Maser Consulting	Mount Fix	SK - 1
NL		Aug 18, 2021 at 3:02 PM
20777388A		MOD_467898-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting	Mount Fix	SK - 2
NL		Aug 18, 2021 at 3:02 PM
20777388A		MOD_467898-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting	Mount Fix	SK - 3
NL		Aug 18, 2021 at 3:02 PM
20777388A		MOD_467898-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					96			
2	Antenna Di	None					96			
3	Antenna Wo (0 Deg)	None					96			
4	Antenna Wo (30 Deg)	None					96			
5	Antenna Wo (60 Deg)	None					96			
6	Antenna Wo (90 Deg)	None					96			
7	Antenna Wo (120 Deg)	None					96			
8	Antenna Wo (150 Deg)	None					96			
9	Antenna Wo (180 Deg)	None					96			
10	Antenna Wo (210 Deg)	None					96			
11	Antenna Wo (240 Deg)	None					96			
12	Antenna Wo (270 Deg)	None					96			
13	Antenna Wo (300 Deg)	None					96			
14	Antenna Wo (330 Deg)	None					96			
15	Antenna Wi (0 Deg)	None					96			
16	Antenna Wi (30 Deg)	None					96			
17	Antenna Wi (60 Deg)	None					96			
18	Antenna Wi (90 Deg)	None					96			
19	Antenna Wi (120 Deg)	None					96			
20	Antenna Wi (150 Deg)	None					96			
21	Antenna Wi (180 Deg)	None					96			
22	Antenna Wi (210 Deg)	None					96			
23	Antenna Wi (240 Deg)	None					96			
24	Antenna Wi (270 Deg)	None					96			
25	Antenna Wi (300 Deg)	None					96			
26	Antenna Wi (330 Deg)	None					96			
27	Antenna Wm (0 Deg)	None					96			
28	Antenna Wm (30 Deg)	None					96			
29	Antenna Wm (60 Deg)	None					96			
30	Antenna Wm (90 Deg)	None					96			
31	Antenna Wm (120 Deg)	None					96			
32	Antenna Wm (150 Deg)	None					96			
33	Antenna Wm (180 Deg)	None					96			
34	Antenna Wm (210 Deg)	None					96			
35	Antenna Wm (240 Deg)	None					96			
36	Antenna Wm (270 Deg)	None					96			
37	Antenna Wm (300 Deg)	None					96			
38	Antenna Wm (330 Deg)	None					96			
39	Structure D	None		-1					3	
40	Structure Di	None						65	3	
41	Structure Wo (0 Deg)	None						130		
42	Structure Wo (30 Deg)	None						130		
43	Structure Wo (60 Deg)	None						130		
44	Structure Wo (90 Deg)	None						130		
45	Structure Wo (120 Deg)	None						130		
46	Structure Wo (150 Deg)	None						130		
47	Structure Wo (180 Deg)	None						130		
48	Structure Wo (210 Deg)	None						130		
49	Structure Wo (240 Deg)	None						130		
50	Structure Wo (270 Deg)	None						130		
51	Structure Wo (300 Deg)	None						130		
52	Structure Wo (330 Deg)	None						130		
53	Structure Wi (0 Deg)	None						130		
54	Structure Wi (30 Deg)	None						130		
55	Structure Wi (60 Deg)	None						130		
56	Structure Wi (90 Deg)	None						130		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(...
57	Structure Wi (120 Deg)	None						130		
58	Structure Wi (150 Deg)	None						130		
59	Structure Wi (180 Deg)	None						130		
60	Structure Wi (210 Deg)	None						130		
61	Structure Wi (240 Deg)	None						130		
62	Structure Wi (270 Deg)	None						130		
63	Structure Wi (300 Deg)	None						130		
64	Structure Wi (330 Deg)	None						130		
65	Structure Wm (0 Deg)	None						130		
66	Structure Wm (30 Deg)	None						130		
67	Structure Wm (60 Deg)	None						130		
68	Structure Wm (90 Deg)	None						130		
69	Structure Wm (120 Deg)	None						130		
70	Structure Wm (150 Deg)	None						130		
71	Structure Wm (180 Deg)	None						130		
72	Structure Wm (210 Deg)	None						130		
73	Structure Wm (240 Deg)	None						130		
74	Structure Wm (270 Deg)	None						130		
75	Structure Wm (300 Deg)	None						130		
76	Structure Wm (330 Deg)	None						130		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	BLC 39 Transient Area ...	None						30		
82	BLC 40 Transient Area ...	None						30		

Load Combinations

	Description	Solve	P...	S...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
1	1.2D+1.0Wo (0 De...	Yes	Y		1	1.2	39	1.2	3	1	41	1												
2	1.2D+1.0Wo (30 D...	Yes	Y		1	1.2	39	1.2	4	1	42	1												
3	1.2D+1.0Wo (60 D...	Yes	Y		1	1.2	39	1.2	5	1	43	1												
4	1.2D+1.0Wo (90 D...	Yes	Y		1	1.2	39	1.2	6	1	44	1												
5	1.2D+1.0Wo (120 ...	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0Wo (150 ...	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0Wo (180 ...	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0Wo (210 ...	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0Wo (240 ...	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0Wo (270 ...	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0Wo (300 ...	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0Wo (330 ...	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										

Load Combinations (Continued)

	Description	Solve P...	S...	BLC	Fac..	BLC	Fac...	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..
27	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y	1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y	1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y	1	1.4	39	1.4																
52	Seismic Mass		Y	1	1	39	1																
53	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX		SY	1	SZ	-1										
54	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX	.5	SY	1	SZ	-.866										
55	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5										
56	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX	1	SY	1	SZ											
57	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX	.866	SY	1	SZ	.5										
58	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX	.5	SY	1	SZ	.866										
59	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX		SY	1	SZ	1										
60	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866										
61	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX	-.866	SY	1	SZ	.5										
62	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX	-1	SY	1	SZ											
63	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX	-.866	SY	1	SZ	-.5										
64	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX	-.5	SY	1	SZ	-.866										

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	CP	0	0	0	0	
2	N36	-0.499173	0	-8.659772	0	
3	N53A	-7.749169	0	3.89759	0	
4	N49A	-7.249996	0	4.762182	0	
5	N50	7.249996	0	4.762182	0	
6	N51A	7.749169	0	3.89759	0	
7	N52A	0.499173	0	-8.659772	0	
8	N69	-5.999996	0	4.762182	0	
9	N70	-0.999996	0	4.762182	0	
10	N72	6.166671	0	4.762182	0	
11	N73	-5.999996	0	5.012182	0	
12	N74	-0.999996	0	5.012182	0	
13	N76	6.166671	0	5.012182	0	
14	N77	-5.999996	3.916667	5.012182	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
15	N78	-0.999996	4.916667	5.012182	0	
16	N80	6.166671	3.916667	5.012182	0	
17	N81	-5.999996	-2.083333	5.012182	0	
18	N82	-0.999996	-2.083333	5.012182	0	
19	N84	6.166671	-2.083333	5.012182	0	
20	N112A	-1.407289	0	0.812499	0	
21	N113A	-4.170228	0	2.407682	0	
22	N114	-7.144782	0	4.125042	0	
23	N115	-2.883777	0	4.635887	0	
24	N116A	-5.319916	0.166667	0.416369	0	
25	N117	-3.020547	0.166667	4.398995	0	
26	N119	-5.319916	0	0.416369	0	
27	N120B	-3.020547	0	4.398995	0	
28	N121	-7.302605	0.166667	3.850493	0	
29	N122	-6.987303	0.166667	4.398992	0	
30	N123	-7.303293	0	3.850493	0	
31	N124A	-6.986617	0	4.398992	0	
32	N125	-5.456686	0	0.179477	0	
33	N126	-4.086898	0	2.55202	0	
34	N127	-4.253565	0	2.263344	0	
35	N128	-7.41822	0	3.651432	0	
36	N129	-6.871345	0	4.598648	0	
37	N130	-3.046157	0	4.729637	0	
38	N131	-5.619066	0	0.273227	0	
39	N132	-3.212823	0	4.729637	0	
40	N133	-3.212823	0	4.762182	0	
41	N134	-6.746345	0	4.598648	0	
42	N135	-6.746345	0	4.762182	0	
43	N136	-5.702399	0	0.417565	0	
44	N137	-5.730582	0	0.401294	0	
45	N138	-7.35572	0	3.543179	0	
46	N139	-7.497343	0	3.461414	0	
47	N84A	1.407289	0	0.812499	0	
48	N85A	4.170228	0	2.407682	0	
49	N86A	7.144782	0	4.125042	0	
50	N87A	5.456684	0	0.17948	0	
51	N88A	3.020545	0.166667	4.398998	0	
52	N89A	5.319915	0.166667	0.416373	0	
53	N90A	3.020545	0	4.398998	0	
54	N91A	5.319915	0	0.416373	0	
55	N92A	6.985928	0.166667	4.398995	0	
56	N93	7.30329	0.166667	3.851686	0	
57	N94	6.986271	0	4.39959	0	
58	N95A	7.302947	0	3.851092	0	
59	N96A	2.883775	0	4.63589	0	
60	N97A	4.253563	0	2.263348	0	
61	N98A	4.086896	0	2.552023	0	
62	N99	6.871344	0	4.598651	0	
63	N100	7.418219	0	3.651436	0	
64	N101	5.619064	0	0.27323	0	
65	N102	3.046155	0	4.72964	0	
66	N103	5.702397	0	0.417568	0	
67	N104	5.730583	0	0.401295	0	
68	N105	7.355719	0	3.543183	0	
69	N106	7.497344	0	3.461415	0	
70	N107	3.212821	0	4.72964	0	
71	N108	3.212821	0	4.762182	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
72	N109	6.746344	0	4.598651	0	
73	N110	6.746344	0	4.762182	0	
74	N112	-0.	0	-1.624997	0	
75	N113	-0.	0	-4.815367	0	
76	N114A	-0.	0	-8.250084	0	
77	N115A	-2.572908	0	-4.815367	0	
78	N116	2.299372	0.166667	-4.815367	0	
79	N117A	-2.299368	0.166667	-4.815367	0	
80	N118	2.299372	0	-4.815367	0	
81	N119A	-2.299368	0	-4.815367	0	
82	N120	0.316678	0.166667	-8.249488	0	
83	N121A	-0.315987	0.166667	-8.250678	0	
84	N122A	0.317021	0	-8.250084	0	
85	N123A	-0.31633	0	-8.250084	0	
86	N124	2.572911	0	-4.815367	0	
87	N125A	-0.166665	0	-4.815367	0	
88	N126A	0.166669	0	-4.815367	0	
89	N127A	0.546877	0	-8.250084	0	
90	N128A	-0.546873	0	-8.250084	0	
91	N129A	-2.572908	0	-5.002867	0	
92	N130A	2.572911	0	-5.002867	0	
93	N131A	-2.489574	0	-5.147205	0	
94	N132A	-2.517759	0	-5.163478	0	
95	N133A	-0.609373	0	-8.14183	0	
96	N134A	-0.750998	0	-8.223598	0	
97	N135A	2.489578	0	-5.147205	0	
98	N136A	2.51776	0	-5.163476	0	
99	N137A	0.609377	0	-8.14183	0	
100	N138A	0.750999	0	-8.223596	0	
101	N101A	4.166671	0	4.762182	0	
102	N102A	4.166671	0	5.012182	0	
103	N103A	4.166671	3.916667	5.012182	0	
104	N104A	4.166671	-2.083333	5.012182	0	
105	N106A	7.124169	0	2.815058	0	
106	N108A	1.040836	0	-7.721585	0	
107	N109A	7.340675	0	2.690058	0	
108	N111	1.257342	0	-7.846585	0	
109	N112B	7.340675	3.916667	2.690058	0	
110	N114B	1.257342	3.916667	-7.846585	0	
111	N115B	7.340675	-2.083333	2.690058	0	
112	N117B	1.257342	-2.083333	-7.846585	0	
113	N118A	2.040836	0	-5.989534	0	
114	N119B	2.257342	0	-6.114534	0	
115	N120A	2.257342	3.916667	-6.114534	0	
116	N121B	2.257342	-2.083333	-6.114534	0	
117	N123B	-1.124173	0	-7.57724	0	
118	N125B	-7.207506	0	2.959402	0	
119	N126B	-1.340679	0	-7.70224	0	
120	N128B	-7.424013	0	2.834402	0	
121	N129B	-1.340679	3.916667	-7.70224	0	
122	N131B	-7.424013	3.916667	2.834402	0	
123	N132B	-1.340679	-2.083333	-7.70224	0	
124	N134B	-7.424013	-2.083333	2.834402	0	
125	N135B	-6.207506	0	1.227351	0	
126	N136B	-6.424013	0	1.102351	0	
127	N137B	-6.424013	3.916667	1.102351	0	
128	N138B	-6.424013	-2.083333	1.102351	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
129	N137C	-0.	0	-3.041664	0	
130	N139A	-2.634158	0	1.520832	0	
131	N141	2.634158	0	1.520832	0	
132	N140	-0.	0	-2.333331	0	
133	N141A	0.266667	0	-2.333331	0	
134	N142	0.266667	-.5	-2.333331	0	
135	N143	0.266667	2.5	-2.333331	0	
136	N145	-2.020724	0	1.166665	0	
137	N146	-2.154057	0	0.935725	0	
138	N147	-2.154057	-.5	0.935725	0	
139	N148	-2.154057	2.5	0.935725	0	
140	N148A	-7.249996	3	4.762182	0	
141	N149	7.249996	3	4.762182	0	
142	N150	-5.999996	3	4.762182	0	
143	N151	-0.999996	3	4.762182	0	
144	N152	6.166671	3	4.762182	0	
145	N153	-5.999996	3	5.012182	0	
146	N154	-0.999996	3	5.012182	0	
147	N155	6.166671	3	5.012182	0	
148	N156	4.166671	3	4.762182	0	
149	N157	4.166671	3	5.012182	0	
150	N158	-5.249996	3	4.762182	0	
151	N159	-5.249996	3	4.512182	0	
152	N160	5.249996	3	4.762182	0	
153	N161	5.249996	3	4.512182	0	
154	N162	7.749169	3	3.89759	0	
155	N163	0.499173	3	-8.659772	0	
156	N164	7.124169	3	2.815058	0	
157	N166	1.040836	3	-7.721585	0	
158	N167	7.340675	3	2.690058	0	
159	N169	1.257342	3	-7.846585	0	
160	N170	2.040836	3	-5.989534	0	
161	N171	2.257342	3	-6.114534	0	
162	N172	6.749169	3	2.165539	0	
163	N173	6.532663	3	2.290539	0	
164	N174	1.499173	3	-6.927721	0	
165	N175	1.282667	3	-6.802721	0	
166	N176	-0.499173	3	-8.659772	0	
167	N177	-7.749169	3	3.89759	0	
168	N178	-1.124173	3	-7.57724	0	
169	N180	-7.207506	3	2.959402	0	
170	N181	-1.340679	3	-7.70224	0	
171	N183	-7.424013	3	2.834402	0	
172	N184	-6.207506	3	1.227351	0	
173	N185	-6.424013	3	1.102351	0	
174	N186	-1.499173	3	-6.927721	0	
175	N187	-1.282667	3	-6.802721	0	
176	N188	-6.749169	3	2.165539	0	
177	N189	-6.532663	3	2.290539	0	
178	N190	-0.	-3.5	-1.624997	0	
179	N191	-0.	0	-6.065367	0	
180	N192	-1.407289	-3.5	0.812499	0	
181	N194	1.407289	-3.5	0.812499	0	
182	N196	-5.252762	0	3.032684	0	
183	N197	5.252762	0	3.032684	0	
184	N184A	4.624169	0	-1.515069	0	
185	N185A	4.840675	0	-1.640069	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
186	N186A	4.840675	4.916667	-1.640069	0	
187	N187A	4.840675	-2.083333	-1.640069	0	
188	N188A	4.624169	3	-1.515069	0	
189	N189A	4.840675	3	-1.640069	0	
190	N190A	-3.624173	0	-3.247113	0	
191	N191A	-3.840679	0	-3.372113	0	
192	N192A	-3.840679	4.916667	-3.372113	0	
193	N193	-3.840679	-2.083333	-3.372113	0	
194	N194A	-3.624173	3	-3.247113	0	
195	N195	-3.840679	3	-3.372113	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
3	Extension HSS	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
4	Corner Plate	PL1/2x6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
5	Platform Crossme...	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
6	Grating Support	L2x2x4	Beam	Single Angle	A36 Gr.36	Typical	.944	.346	.346	.021
7	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
8	Cross Arm Plate	PL1/2x6	Column	RECT	A36 Gr.36	Typical	3	.063	9	.237
9	Support Rail	PIPE_2.5	Beam	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
10	Support Rail Corner	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
11	Kicker	LL3x3x3x3	Column	Double Angle (3/8 Gap)	A36 Gr.36	Typical	2.18	4.09	1.9	.027
12	Replacement Pipe	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M20	N53A	N36			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M32	N50	N49A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
3	M33A	N52A	N51A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
4	M42	N69	N73			RIGID	None	None	RIGID	Typical
5	M43A	N70	N74			RIGID	None	None	RIGID	Typical
6	M45	N72	N76			RIGID	None	None	RIGID	Typical
7	MP1A	N80	N84			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
8	MP3A	N78	N82			Replacement ...	Column	Pipe	A53 Gr.B	Typical
9	MP4A	N77	N81			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
10	M72A	N139A	N114			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
11	M73	N125	N127		180	Platform Cross...	Beam	Single Angle	A36 Gr.36	Typical
12	M74	N126	N115		180	Platform Cross...	Beam	Single Angle	A36 Gr.36	Typical
13	M75	N129	N128			Corner Plate	Beam	BAR	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
14	M76	N117	N120B			RIGID	None	None	RIGID	Typical
15	M77	N116A	N119			RIGID	None	None	RIGID	Typical
16	M78	N121	N116A			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
17	M79	N117	N122			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
18	M80	N122	N124A			RIGID	None	None	RIGID	Typical
19	M81	N121	N123			RIGID	None	None	RIGID	Typical
20	M82	N126	N113A			RIGID	None	None	RIGID	Typical
21	M83	N113A	N127			RIGID	None	None	RIGID	Typical
22	M84	N115	N130			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
23	M85	N130	N132			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
24	M86A	N132	N133			RIGID	None	None	RIGID	Typical
25	M87A	N129	N134			Corner Plate	Beam	BAR	A36 Gr.36	Typical
26	M88	N134	N135			RIGID	None	None	RIGID	Typical
27	M89A	N125	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
28	M90A	N131	N136			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
29	M91	N136	N137			RIGID	None	None	RIGID	Typical
30	M92	N128	N138			Corner Plate	Beam	BAR	A36 Gr.36	Typical
31	M93A	N138	N139			RIGID	None	None	RIGID	Typical
32	M50A	N141	N86A			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
33	M51A	N96A	N98A		180	Platform Cross...	Beam	Single Angle	A36 Gr.36	Typical
34	M52	N97A	N87A		180	Platform Cross...	Beam	Single Angle	A36 Gr.36	Typical
35	M53A	N100	N99			Corner Plate	Beam	BAR	A36 Gr.36	Typical
36	M54	N89A	N91A			RIGID	None	None	RIGID	Typical
37	M55	N88A	N90A			RIGID	None	None	RIGID	Typical
38	M56	N92A	N88A			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
39	M57	N89A	N93			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
40	M58	N93	N95A			RIGID	None	None	RIGID	Typical
41	M59	N92A	N94			RIGID	None	None	RIGID	Typical
42	M60	N97A	N85A			RIGID	None	None	RIGID	Typical
43	M61	N85A	N98A			RIGID	None	None	RIGID	Typical
44	M62	N87A	N101			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
45	M63	N101	N103			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
46	M64	N103	N104			RIGID	None	None	RIGID	Typical
47	M65	N100	N105			Corner Plate	Beam	BAR	A36 Gr.36	Typical
48	M66	N105	N106			RIGID	None	None	RIGID	Typical
49	M67	N96A	N102			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
50	M68	N102	N107			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
51	M69	N107	N108			RIGID	None	None	RIGID	Typical
52	M70	N99	N109			Corner Plate	Beam	BAR	A36 Gr.36	Typical
53	M71	N109	N110			RIGID	None	None	RIGID	Typical
54	M72	N137C	N114A			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
55	M73A	N124	N126A		180	Platform Cross...	Beam	Single Angle	A36 Gr.36	Typical
56	M74A	N125A	N115A		180	Platform Cross...	Beam	Single Angle	A36 Gr.36	Typical
57	M75A	N128A	N127A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
58	M76A	N117A	N119A			RIGID	None	None	RIGID	Typical
59	M77A	N116	N118			RIGID	None	None	RIGID	Typical
60	M78A	N120	N116			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
61	M79A	N117A	N121A			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
62	M80A	N121A	N123A			RIGID	None	None	RIGID	Typical
63	M81A	N120	N122A			RIGID	None	None	RIGID	Typical
64	M82A	N125A	N113			RIGID	None	None	RIGID	Typical
65	M83A	N113	N126A			RIGID	None	None	RIGID	Typical
66	M84A	N115A	N129A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
67	M85A	N129A	N131A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
68	M86	N131A	N132A			RIGID	None	None	RIGID	Typical
69	M87	N128A	N133A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
70	M88A	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
71	M89	N124	N130A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
72	M90	N130A	N135A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
73	M91A	N135A	N136A			RIGID	None	None	RIGID	Typical
74	M92A	N127A	N137A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
75	M93	N137A	N138A			RIGID	None	None	RIGID	Typical
76	M76B	N101A	N102A			RIGID	None	None	RIGID	Typical
77	MP2A	N103A	N104A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
78	M78B	N106A	N109A			RIGID	None	None	RIGID	Typical
79	M80B	N108A	N111			RIGID	None	None	RIGID	Typical
80	MP1C	N114B	N117B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
81	MP4C	N112B	N115B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
82	M84B	N118A	N119B			RIGID	None	None	RIGID	Typical
83	MP2C	N120A	N121B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
84	M86B	N123B	N126B			RIGID	None	None	RIGID	Typical
85	M88B	N125B	N128B			RIGID	None	None	RIGID	Typical
86	MP1B	N131B	N134B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
87	MP4B	N129B	N132B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
88	M92B	N135B	N136B			RIGID	None	None	RIGID	Typical
89	MP2B	N137B	N138B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
90	M94	N139A	N112A			Extension HSS	Beam	SquareTube	A500 Gr.B...	Typical
91	M95	N137C	N112			Extension HSS	Beam	SquareTube	A500 Gr.B...	Typical
92	M96	N141	N84A			Extension HSS	Beam	SquareTube	A500 Gr.B...	Typical
93	M97	N141A	N140			RIGID	None	None	RIGID	Typical
94	M98	N143	N142			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
95	M99	N146	N145			RIGID	None	None	RIGID	Typical
96	M100	N148	N147			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
97	M101	N149	N148A			Support Rail	Beam	Pipe	A53 Gr.B	Typical
98	M102	N150	N153			RIGID	None	None	RIGID	Typical
99	M103	N151	N154			RIGID	None	None	RIGID	Typical
100	M104	N152	N155			RIGID	None	None	RIGID	Typical
101	M105	N156	N157			RIGID	None	None	RIGID	Typical
102	M106	N158	N159			RIGID	None	None	RIGID	Typical
103	M107	N160	N161			RIGID	None	None	RIGID	Typical
104	M108	N163	N162			Support Rail	Beam	Pipe	A53 Gr.B	Typical
105	M109	N164	N167			RIGID	None	None	RIGID	Typical
106	M111	N166	N169			RIGID	None	None	RIGID	Typical
107	M112	N170	N171			RIGID	None	None	RIGID	Typical
108	M113	N172	N173			RIGID	None	None	RIGID	Typical
109	M114	N174	N175			RIGID	None	None	RIGID	Typical
110	M115	N177	N176			Support Rail	Beam	Pipe	A53 Gr.B	Typical
111	M116	N178	N181			RIGID	None	None	RIGID	Typical
112	M118	N180	N183			RIGID	None	None	RIGID	Typical
113	M119	N184	N185			RIGID	None	None	RIGID	Typical
114	M120	N186	N187			RIGID	None	None	RIGID	Typical
115	M121	N188	N189			RIGID	None	None	RIGID	Typical
116	M122	N159	N189		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
117	M123	N187	N175		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
118	M124	N173	N161		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
119	M125	N191	N190			Kicker	Column	Double Angle (...	A36 Gr.36	Typical
120	M126	N196	N192			Kicker	Column	Double Angle (...	A36 Gr.36	Typical
121	M127	N197	N194			Kicker	Column	Double Angle (...	A36 Gr.36	Typical
122	M122A	N184A	N185A			RIGID	None	None	RIGID	Typical
123	MP3C	N186A	N187A			Replacement ...	Column	Pipe	A53 Gr.B	Typical
124	M124A	N188A	N189A			RIGID	None	None	RIGID	Typical
125	M125A	N190A	N191A			RIGID	None	None	RIGID	Typical
126	MP3B	N192A	N193			Replacement ...	Column	Pipe	A53 Gr.B	Typical
127	M127A	N194A	N195			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	M20						Yes				None
2	M32						Yes				None
3	M33A						Yes				None
4	M42						Yes	** NA **			None
5	M43A						Yes	** NA **			None
6	M45						Yes	** NA **			None
7	MP1A						Yes	** NA **			None
8	MP3A						Yes	** NA **			None
9	MP4A						Yes	** NA **			None
10	M72A						Yes	Default			None
11	M73						Yes				None
12	M74						Yes				None
13	M75						Yes				None
14	M76						Yes	** NA **			None
15	M77						Yes	** NA **			None
16	M78	OOOOOX	OOOOOX				Yes				None
17	M79	OOOOOX	OOOOOX				Yes				None
18	M80						Yes	** NA **			None
19	M81						Yes	** NA **			None
20	M82						Yes	** NA **			None
21	M83						Yes	** NA **			None
22	M84						Yes	** NA **			None
23	M85						Yes	** NA **			None
24	M86A		BenPIN				Yes	** NA **			None
25	M87A						Yes				None
26	M88		BenPIN				Yes	** NA **			None
27	M89A						Yes	** NA **			None
28	M90A						Yes	** NA **			None
29	M91		BenPIN				Yes	** NA **			None
30	M92						Yes				None
31	M93A		BenPIN				Yes	** NA **			None
32	M50A						Yes	Default			None
33	M51A						Yes				None
34	M52						Yes				None
35	M53A						Yes				None
36	M54						Yes	** NA **			None
37	M55						Yes	** NA **			None
38	M56	OOOOOX	OOOOOX				Yes				None
39	M57	OOOOOX	OOOOOX				Yes				None
40	M58						Yes	** NA **			None
41	M59						Yes	** NA **			None
42	M60						Yes	** NA **			None
43	M61						Yes	** NA **			None
44	M62						Yes	** NA **			None
45	M63						Yes	** NA **			None
46	M64		BenPIN				Yes	** NA **			None
47	M65						Yes				None
48	M66		BenPIN				Yes	** NA **			None
49	M67						Yes	** NA **			None
50	M68						Yes	** NA **			None
51	M69		BenPIN				Yes	** NA **			None
52	M70						Yes				None
53	M71		BenPIN				Yes	** NA **			None
54	M72						Yes	Default			None
55	M73A						Yes				None
56	M74A						Yes				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
57	M75A						Yes				None
58	M76A						Yes	** NA **			None
59	M77A						Yes	** NA **			None
60	M78A	OOOOOX	OOOOOX				Yes				None
61	M79A	OOOOOX	OOOOOX				Yes				None
62	M80A						Yes	** NA **			None
63	M81A						Yes	** NA **			None
64	M82A						Yes	** NA **			None
65	M83A						Yes	** NA **			None
66	M84A						Yes	** NA **			None
67	M85A						Yes	** NA **			None
68	M86		BenPIN				Yes	** NA **			None
69	M87						Yes				None
70	M88A		BenPIN				Yes	** NA **			None
71	M89						Yes	** NA **			None
72	M90						Yes	** NA **			None
73	M91A		BenPIN				Yes	** NA **			None
74	M92A						Yes				None
75	M93		BenPIN				Yes	** NA **			None
76	M76B						Yes	** NA **			None
77	MP2A						Yes	** NA **			None
78	M78B						Yes	** NA **			None
79	M80B						Yes	** NA **			None
80	MP1C						Yes	** NA **			None
81	MP4C						Yes	** NA **			None
82	M84B						Yes	** NA **			None
83	MP2C						Yes	** NA **			None
84	M86B						Yes	** NA **			None
85	M88B						Yes	** NA **			None
86	MP1B						Yes	** NA **			None
87	MP4B						Yes	** NA **			None
88	M92B						Yes	** NA **			None
89	MP2B						Yes	** NA **			None
90	M94						Yes				None
91	M95						Yes				None
92	M96						Yes				None
93	M97						Yes	** NA **			None
94	M98						Yes	** NA **			None
95	M99						Yes	** NA **			None
96	M100						Yes	** NA **			None
97	M101						Yes				None
98	M102						Yes	** NA **			None
99	M103						Yes	** NA **			None
100	M104						Yes	** NA **			None
101	M105						Yes	** NA **			None
102	M106	OOOOOX					Yes	** NA **			None
103	M107	OOOOOX					Yes	** NA **			None
104	M108						Yes				None
105	M109						Yes	** NA **			None
106	M111						Yes	** NA **			None
107	M112						Yes	** NA **			None
108	M113	OOOOOX					Yes	** NA **			None
109	M114	OOOOOX					Yes	** NA **			None
110	M115						Yes				None
111	M116						Yes	** NA **			None
112	M118						Yes	** NA **			None
113	M119						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...
114	M120	OOOOOX					Yes	** NA **			None
115	M121	OOOOOX					Yes	** NA **			None
116	M122						Yes				None
117	M123						Yes				None
118	M124						Yes				None
119	M125	BenPIN	BenPIN				Yes	** NA **			None
120	M126	BenPIN	BenPIN				Yes	** NA **			None
121	M127	BenPIN	BenPIN				Yes	** NA **			None
122	M122A						Yes	** NA **			None
123	MP3C						Yes	** NA **			None
124	M124A						Yes	** NA **			None
125	M125A						Yes	** NA **			None
126	MP3B						Yes	** NA **			None
127	M127A						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-20	1.33
2	MP3A	My	-.015	1.33
3	MP3A	Mz	.01	1.33
4	MP3A	Y	-20	5.33
5	MP3A	My	-.015	5.33
6	MP3A	Mz	.01	5.33
7	MP3B	Y	-20	1.33
8	MP3B	My	-.001	1.33
9	MP3B	Mz	-.018	1.33
10	MP3B	Y	-20	5.33
11	MP3B	My	-.001	5.33
12	MP3B	Mz	-.018	5.33
13	MP3C	Y	-20	1.33
14	MP3C	My	.015	1.33
15	MP3C	Mz	.011	1.33
16	MP3C	Y	-20	5.33
17	MP3C	My	.015	5.33
18	MP3C	Mz	.011	5.33
19	MP3A	Y	-20	1.33
20	MP3A	My	-.015	1.33
21	MP3A	Mz	-.01	1.33
22	MP3A	Y	-20	5.33
23	MP3A	My	-.015	5.33
24	MP3A	Mz	-.01	5.33
25	MP3B	Y	-20	1.33
26	MP3B	My	.016	1.33
27	MP3B	Mz	-.008	1.33
28	MP3B	Y	-20	5.33
29	MP3B	My	.016	5.33
30	MP3B	Mz	-.008	5.33
31	MP3C	Y	-20	1.33
32	MP3C	My	-.004	1.33
33	MP3C	Mz	.018	1.33
34	MP3C	Y	-20	5.33
35	MP3C	My	-.004	5.33
36	MP3C	Mz	.018	5.33
37	MP4A	Y	-22.95	.33
38	MP4A	My	-.023	.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP4A	Mz	0	.33
40	MP4A	Y	-22.95	4.67
41	MP4A	My	-.023	4.67
42	MP4A	Mz	0	4.67
43	MP4B	Y	-22.95	.33
44	MP4B	My	.011	.33
45	MP4B	Mz	-.02	.33
46	MP4B	Y	-22.95	4.67
47	MP4B	My	.011	4.67
48	MP4B	Mz	-.02	4.67
49	MP4C	Y	-22.95	.33
50	MP4C	My	.008	.33
51	MP4C	Mz	.022	.33
52	MP4C	Y	-22.95	4.67
53	MP4C	My	.008	4.67
54	MP4C	Mz	.022	4.67
55	MP1A	Y	-43.55	1.33
56	MP1A	My	-.022	1.33
57	MP1A	Mz	0	1.33
58	MP1A	Y	-43.55	3.33
59	MP1A	My	-.022	3.33
60	MP1A	Mz	0	3.33
61	MP1B	Y	-43.55	1.33
62	MP1B	My	.011	1.33
63	MP1B	Mz	-.019	1.33
64	MP1B	Y	-43.55	3.33
65	MP1B	My	.011	3.33
66	MP1B	Mz	-.019	3.33
67	MP1C	Y	-43.55	1.33
68	MP1C	My	.007	1.33
69	MP1C	Mz	.02	1.33
70	MP1C	Y	-43.55	3.33
71	MP1C	My	.007	3.33
72	MP1C	Mz	.02	3.33
73	MP4A	Y	-84.4	2.5
74	MP4A	My	.028	2.5
75	MP4A	Mz	0	2.5
76	MP4B	Y	-84.4	2.5
77	MP4B	My	-.014	2.5
78	MP4B	Mz	.024	2.5
79	MP4C	Y	-84.4	2.5
80	MP4C	My	-.01	2.5
81	MP4C	Mz	-.026	2.5
82	MP3A	Y	-70.3	2.5
83	MP3A	My	.023	2.5
84	MP3A	Mz	0	2.5
85	MP3B	Y	-70.3	2.5
86	MP3B	My	-.012	2.5
87	MP3B	Mz	.02	2.5
88	MP3C	Y	-70.3	2.5
89	MP3C	My	-.008	2.5
90	MP3C	Mz	-.022	2.5
91	M100	Y	-44	1
92	M100	My	0	1
93	M100	Mz	0	1
94	M98	Y	-44	1
95	M98	My	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
96	M98	Mz	0	1

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-61.001	1.33
2	MP3A	My	-.046	1.33
3	MP3A	Mz	.03	1.33
4	MP3A	Y	-61.001	5.33
5	MP3A	My	-.046	5.33
6	MP3A	Mz	.03	5.33
7	MP3B	Y	-61.001	1.33
8	MP3B	My	-.004	1.33
9	MP3B	Mz	-.055	1.33
10	MP3B	Y	-61.001	5.33
11	MP3B	My	-.004	5.33
12	MP3B	Mz	-.055	5.33
13	MP3C	Y	-61.001	1.33
14	MP3C	My	.044	1.33
15	MP3C	Mz	.033	1.33
16	MP3C	Y	-61.001	5.33
17	MP3C	My	.044	5.33
18	MP3C	Mz	.033	5.33
19	MP3A	Y	-61.001	1.33
20	MP3A	My	-.046	1.33
21	MP3A	Mz	-.03	1.33
22	MP3A	Y	-61.001	5.33
23	MP3A	My	-.046	5.33
24	MP3A	Mz	-.03	5.33
25	MP3B	Y	-61.001	1.33
26	MP3B	My	.049	1.33
27	MP3B	Mz	-.024	1.33
28	MP3B	Y	-61.001	5.33
29	MP3B	My	.049	5.33
30	MP3B	Mz	-.024	5.33
31	MP3C	Y	-61.001	1.33
32	MP3C	My	-.013	1.33
33	MP3C	Mz	.053	1.33
34	MP3C	Y	-61.001	5.33
35	MP3C	My	-.013	5.33
36	MP3C	Mz	.053	5.33
37	MP4A	Y	-67.222	.33
38	MP4A	My	-.067	.33
39	MP4A	Mz	0	.33
40	MP4A	Y	-67.222	4.67
41	MP4A	My	-.067	4.67
42	MP4A	Mz	0	4.67
43	MP4B	Y	-67.222	.33
44	MP4B	My	.034	.33
45	MP4B	Mz	-.058	.33
46	MP4B	Y	-67.222	4.67
47	MP4B	My	.034	4.67
48	MP4B	Mz	-.058	4.67
49	MP4C	Y	-67.222	.33
50	MP4C	My	.023	.33
51	MP4C	Mz	.063	.33
52	MP4C	Y	-67.222	4.67

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP4C	My	.023	4.67
54	MP4C	Mz	.063	4.67
55	MP1A	Y	-35.578	1.33
56	MP1A	My	-.018	1.33
57	MP1A	Mz	0	1.33
58	MP1A	Y	-35.578	3.33
59	MP1A	My	-.018	3.33
60	MP1A	Mz	0	3.33
61	MP1B	Y	-35.578	1.33
62	MP1B	My	.009	1.33
63	MP1B	Mz	-.015	1.33
64	MP1B	Y	-35.578	3.33
65	MP1B	My	.009	3.33
66	MP1B	Mz	-.015	3.33
67	MP1C	Y	-35.578	1.33
68	MP1C	My	.006	1.33
69	MP1C	Mz	.017	1.33
70	MP1C	Y	-35.578	3.33
71	MP1C	My	.006	3.33
72	MP1C	Mz	.017	3.33
73	MP4A	Y	-44.855	2.5
74	MP4A	My	.015	2.5
75	MP4A	Mz	0	2.5
76	MP4B	Y	-44.855	2.5
77	MP4B	My	-.007	2.5
78	MP4B	Mz	.013	2.5
79	MP4C	Y	-44.855	2.5
80	MP4C	My	-.005	2.5
81	MP4C	Mz	-.014	2.5
82	MP3A	Y	-40.338	2.5
83	MP3A	My	.013	2.5
84	MP3A	Mz	0	2.5
85	MP3B	Y	-40.338	2.5
86	MP3B	My	-.007	2.5
87	MP3B	Mz	.012	2.5
88	MP3C	Y	-40.338	2.5
89	MP3C	My	-.005	2.5
90	MP3C	Mz	-.013	2.5
91	M100	Y	-73.745	1
92	M100	My	0	1
93	M100	Mz	0	1
94	M98	Y	-73.745	1
95	M98	My	0	1
96	M98	Mz	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1.33
2	MP3A	Z	-171.531	1.33
3	MP3A	Mx	-.086	1.33
4	MP3A	X	0	5.33
5	MP3A	Z	-171.531	5.33
6	MP3A	Mx	-.086	5.33
7	MP3B	X	0	1.33
8	MP3B	Z	-127.959	1.33
9	MP3B	Mx	.115	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP3B	X	0	5.33
11	MP3B	Z	-127.959	5.33
12	MP3B	Mx	.115	5.33
13	MP3C	X	0	1.33
14	MP3C	Z	-120.231	1.33
15	MP3C	Mx	-.064	1.33
16	MP3C	X	0	5.33
17	MP3C	Z	-120.231	5.33
18	MP3C	Mx	-.064	5.33
19	MP3A	X	0	1.33
20	MP3A	Z	-171.531	1.33
21	MP3A	Mx	.086	1.33
22	MP3A	X	0	5.33
23	MP3A	Z	-171.531	5.33
24	MP3A	Mx	.086	5.33
25	MP3B	X	0	1.33
26	MP3B	Z	-127.959	1.33
27	MP3B	Mx	.051	1.33
28	MP3B	X	0	5.33
29	MP3B	Z	-127.959	5.33
30	MP3B	Mx	.051	5.33
31	MP3C	X	0	1.33
32	MP3C	Z	-120.231	1.33
33	MP3C	Mx	-.105	1.33
34	MP3C	X	0	5.33
35	MP3C	Z	-120.231	5.33
36	MP3C	Mx	-.105	5.33
37	MP4A	X	0	.33
38	MP4A	Z	-194.024	.33
39	MP4A	Mx	0	.33
40	MP4A	X	0	4.67
41	MP4A	Z	-194.024	4.67
42	MP4A	Mx	0	4.67
43	MP4B	X	0	.33
44	MP4B	Z	-145.31	.33
45	MP4B	Mx	.126	.33
46	MP4B	X	0	4.67
47	MP4B	Z	-145.31	4.67
48	MP4B	Mx	.126	4.67
49	MP4C	X	0	.33
50	MP4C	Z	-136.67	.33
51	MP4C	Mx	-.128	.33
52	MP4C	X	0	4.67
53	MP4C	Z	-136.67	4.67
54	MP4C	Mx	-.128	4.67
55	MP1A	X	0	1.33
56	MP1A	Z	-98.799	1.33
57	MP1A	Mx	0	1.33
58	MP1A	X	0	3.33
59	MP1A	Z	-98.799	3.33
60	MP1A	Mx	0	3.33
61	MP1B	X	0	1.33
62	MP1B	Z	-53.709	1.33
63	MP1B	Mx	.023	1.33
64	MP1B	X	0	3.33
65	MP1B	Z	-53.709	3.33
66	MP1B	Mx	.023	3.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP1C	X	0	1.33
68	MP1C	Z	-45.712	1.33
69	MP1C	Mx	-.021	1.33
70	MP1C	X	0	3.33
71	MP1C	Z	-45.712	3.33
72	MP1C	Mx	-.021	3.33
73	MP4A	X	0	2.5
74	MP4A	Z	-78.619	2.5
75	MP4A	Mx	0	2.5
76	MP4B	X	0	2.5
77	MP4B	Z	-59.069	2.5
78	MP4B	Mx	-.017	2.5
79	MP4C	X	0	2.5
80	MP4C	Z	-55.602	2.5
81	MP4C	Mx	.017	2.5
82	MP3A	X	0	2.5
83	MP3A	Z	-78.619	2.5
84	MP3A	Mx	0	2.5
85	MP3B	X	0	2.5
86	MP3B	Z	-51.58	2.5
87	MP3B	Mx	-.015	2.5
88	MP3C	X	0	2.5
89	MP3C	Z	-46.785	2.5
90	MP3C	Mx	.015	2.5
91	M100	X	0	1
92	M100	Z	-108.55	1
93	M100	Mx	0	1
94	M98	X	0	1
95	M98	Z	-155.976	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	78.504	1.33
2	MP3A	Z	-135.972	1.33
3	MP3A	Mx	-.127	1.33
4	MP3A	X	78.504	5.33
5	MP3A	Z	-135.972	5.33
6	MP3A	Mx	-.127	5.33
7	MP3B	X	56.717	1.33
8	MP3B	Z	-98.237	1.33
9	MP3B	Mx	.085	1.33
10	MP3B	X	56.717	5.33
11	MP3B	Z	-98.237	5.33
12	MP3B	Mx	.085	5.33
13	MP3C	X	73.764	1.33
14	MP3C	Z	-127.762	1.33
15	MP3C	Mx	-.015	1.33
16	MP3C	X	73.764	5.33
17	MP3C	Z	-127.762	5.33
18	MP3C	Mx	-.015	5.33
19	MP3A	X	78.504	1.33
20	MP3A	Z	-135.972	1.33
21	MP3A	Mx	.009	1.33
22	MP3A	X	78.504	5.33
23	MP3A	Z	-135.972	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP3A	Mx	.009	5.33
25	MP3B	X	56.717	1.33
26	MP3B	Z	-98.237	1.33
27	MP3B	Mx	.085	1.33
28	MP3B	X	56.717	5.33
29	MP3B	Z	-98.237	5.33
30	MP3B	Mx	.085	5.33
31	MP3C	X	73.764	1.33
32	MP3C	Z	-127.762	1.33
33	MP3C	Mx	-.128	1.33
34	MP3C	X	73.764	5.33
35	MP3C	Z	-127.762	5.33
36	MP3C	Mx	-.128	5.33
37	MP4A	X	88.893	.33
38	MP4A	Z	-153.967	.33
39	MP4A	Mx	-.089	.33
40	MP4A	X	88.893	4.67
41	MP4A	Z	-153.967	4.67
42	MP4A	Mx	-.089	4.67
43	MP4B	X	64.536	.33
44	MP4B	Z	-111.78	.33
45	MP4B	Mx	.129	.33
46	MP4B	X	64.536	4.67
47	MP4B	Z	-111.78	4.67
48	MP4B	Mx	.129	4.67
49	MP4C	X	83.594	.33
50	MP4C	Z	-144.788	.33
51	MP4C	Mx	-.107	.33
52	MP4C	X	83.594	4.67
53	MP4C	Z	-144.788	4.67
54	MP4C	Mx	-.107	4.67
55	MP1A	X	41.884	1.33
56	MP1A	Z	-72.546	1.33
57	MP1A	Mx	-.021	1.33
58	MP1A	X	41.884	3.33
59	MP1A	Z	-72.546	3.33
60	MP1A	Mx	-.021	3.33
61	MP1B	X	19.34	1.33
62	MP1B	Z	-33.497	1.33
63	MP1B	Mx	.019	1.33
64	MP1B	X	19.34	3.33
65	MP1B	Z	-33.497	3.33
66	MP1B	Mx	.019	3.33
67	MP1C	X	36.979	1.33
68	MP1C	Z	-64.05	1.33
69	MP1C	Mx	-.024	1.33
70	MP1C	X	36.979	3.33
71	MP1C	Z	-64.05	3.33
72	MP1C	Mx	-.024	3.33
73	MP4A	X	36.051	2.5
74	MP4A	Z	-62.442	2.5
75	MP4A	Mx	.012	2.5
76	MP4B	X	26.276	2.5
77	MP4B	Z	-45.512	2.5
78	MP4B	Mx	-.018	2.5
79	MP4C	X	33.924	2.5
80	MP4C	Z	-58.759	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP4C	Mx	.015	2.5
82	MP3A	X	34.803	2.5
83	MP3A	Z	-60.28	2.5
84	MP3A	Mx	.012	2.5
85	MP3B	X	21.284	2.5
86	MP3B	Z	-36.865	2.5
87	MP3B	Mx	-.014	2.5
88	MP3C	X	31.862	2.5
89	MP3C	Z	-55.186	2.5
90	MP3C	Mx	.014	2.5
91	M100	X	46.371	1
92	M100	Z	-80.316	1
93	M100	Mx	0	1
94	M98	X	70.084	1
95	M98	Z	-121.388	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	110.816	1.33
2	MP3A	Z	-63.979	1.33
3	MP3A	Mx	-.115	1.33
4	MP3A	X	110.816	5.33
5	MP3A	Z	-63.979	5.33
6	MP3A	Mx	-.115	5.33
7	MP3B	X	110.816	1.33
8	MP3B	Z	-63.979	1.33
9	MP3B	Mx	.051	1.33
10	MP3B	X	110.816	5.33
11	MP3B	Z	-63.979	5.33
12	MP3B	Mx	.051	5.33
13	MP3C	X	147.033	1.33
14	MP3C	Z	-84.89	1.33
15	MP3C	Mx	.061	1.33
16	MP3C	X	147.033	5.33
17	MP3C	Z	-84.89	5.33
18	MP3C	Mx	.061	5.33
19	MP3A	X	110.816	1.33
20	MP3A	Z	-63.979	1.33
21	MP3A	Mx	-.051	1.33
22	MP3A	X	110.816	5.33
23	MP3A	Z	-63.979	5.33
24	MP3A	Mx	-.051	5.33
25	MP3B	X	110.816	1.33
26	MP3B	Z	-63.979	1.33
27	MP3B	Mx	.115	1.33
28	MP3B	X	110.816	5.33
29	MP3B	Z	-63.979	5.33
30	MP3B	Mx	.115	5.33
31	MP3C	X	147.033	1.33
32	MP3C	Z	-84.89	1.33
33	MP3C	Mx	-.106	1.33
34	MP3C	X	147.033	5.33
35	MP3C	Z	-84.89	5.33
36	MP3C	Mx	-.106	5.33
37	MP4A	X	125.842	.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP4A	Z	-72.655	.33
39	MP4A	Mx	-.126	.33
40	MP4A	X	125.842	4.67
41	MP4A	Z	-72.655	4.67
42	MP4A	Mx	-.126	4.67
43	MP4B	X	125.842	.33
44	MP4B	Z	-72.655	.33
45	MP4B	Mx	.126	.33
46	MP4B	X	125.842	4.67
47	MP4B	Z	-72.655	4.67
48	MP4B	Mx	.126	4.67
49	MP4C	X	166.333	.33
50	MP4C	Z	-96.033	.33
51	MP4C	Mx	-.033	.33
52	MP4C	X	166.333	4.67
53	MP4C	Z	-96.033	4.67
54	MP4C	Mx	-.033	4.67
55	MP1A	X	46.514	1.33
56	MP1A	Z	-26.855	1.33
57	MP1A	Mx	-.023	1.33
58	MP1A	X	46.514	3.33
59	MP1A	Z	-26.855	3.33
60	MP1A	Mx	-.023	3.33
61	MP1B	X	46.514	1.33
62	MP1B	Z	-26.855	1.33
63	MP1B	Mx	.023	1.33
64	MP1B	X	46.514	3.33
65	MP1B	Z	-26.855	3.33
66	MP1B	Mx	.023	3.33
67	MP1C	X	83.992	1.33
68	MP1C	Z	-48.493	1.33
69	MP1C	Mx	-.008	1.33
70	MP1C	X	83.992	3.33
71	MP1C	Z	-48.493	3.33
72	MP1C	Mx	-.008	3.33
73	MP4A	X	51.155	2.5
74	MP4A	Z	-29.534	2.5
75	MP4A	Mx	.017	2.5
76	MP4B	X	51.155	2.5
77	MP4B	Z	-29.534	2.5
78	MP4B	Mx	-.017	2.5
79	MP4C	X	67.405	2.5
80	MP4C	Z	-38.916	2.5
81	MP4C	Mx	.005	2.5
82	MP3A	X	44.67	2.5
83	MP3A	Z	-25.79	2.5
84	MP3A	Mx	.015	2.5
85	MP3B	X	44.67	2.5
86	MP3B	Z	-25.79	2.5
87	MP3B	Mx	-.015	2.5
88	MP3C	X	67.144	2.5
89	MP3C	Z	-38.766	2.5
90	MP3C	Mx	.004	2.5
91	M100	X	94.007	1
92	M100	Z	-54.275	1
93	M100	Mx	0	1
94	M98	X	94.007	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	M98	Z	-54.275	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	113.435	1.33
2	MP3A	Z	0	1.33
3	MP3A	Mx	-.085	1.33
4	MP3A	X	113.435	5.33
5	MP3A	Z	0	5.33
6	MP3A	Mx	-.085	5.33
7	MP3B	X	157.007	1.33
8	MP3B	Z	0	1.33
9	MP3B	Mx	-.009	1.33
10	MP3B	X	157.007	5.33
11	MP3B	Z	0	5.33
12	MP3B	Mx	-.009	5.33
13	MP3C	X	164.735	1.33
14	MP3C	Z	0	1.33
15	MP3C	Mx	.12	1.33
16	MP3C	X	164.735	5.33
17	MP3C	Z	0	5.33
18	MP3C	Mx	.12	5.33
19	MP3A	X	113.435	1.33
20	MP3A	Z	0	1.33
21	MP3A	Mx	-.085	1.33
22	MP3A	X	113.435	5.33
23	MP3A	Z	0	5.33
24	MP3A	Mx	-.085	5.33
25	MP3B	X	157.007	1.33
26	MP3B	Z	0	1.33
27	MP3B	Mx	.127	1.33
28	MP3B	X	157.007	5.33
29	MP3B	Z	0	5.33
30	MP3B	Mx	.127	5.33
31	MP3C	X	164.735	1.33
32	MP3C	Z	0	1.33
33	MP3C	Mx	-.035	1.33
34	MP3C	X	164.735	5.33
35	MP3C	Z	0	5.33
36	MP3C	Mx	-.035	5.33
37	MP4A	X	129.072	.33
38	MP4A	Z	0	.33
39	MP4A	Mx	-.129	.33
40	MP4A	X	129.072	4.67
41	MP4A	Z	0	4.67
42	MP4A	Mx	-.129	4.67
43	MP4B	X	177.786	.33
44	MP4B	Z	0	.33
45	MP4B	Mx	.089	.33
46	MP4B	X	177.786	4.67
47	MP4B	Z	0	4.67
48	MP4B	Mx	.089	4.67
49	MP4C	X	186.426	.33
50	MP4C	Z	0	.33
51	MP4C	Mx	.064	.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP4C	X	186.426	4.67
53	MP4C	Z	0	4.67
54	MP4C	Mx	.064	4.67
55	MP1A	X	38.68	1.33
56	MP1A	Z	0	1.33
57	MP1A	Mx	-.019	1.33
58	MP1A	X	38.68	3.33
59	MP1A	Z	0	3.33
60	MP1A	Mx	-.019	3.33
61	MP1B	X	83.769	1.33
62	MP1B	Z	0	1.33
63	MP1B	Mx	.021	1.33
64	MP1B	X	83.769	3.33
65	MP1B	Z	0	3.33
66	MP1B	Mx	.021	3.33
67	MP1C	X	91.766	1.33
68	MP1C	Z	0	1.33
69	MP1C	Mx	.016	1.33
70	MP1C	X	91.766	3.33
71	MP1C	Z	0	3.33
72	MP1C	Mx	.016	3.33
73	MP4A	X	52.552	2.5
74	MP4A	Z	0	2.5
75	MP4A	Mx	.018	2.5
76	MP4B	X	72.102	2.5
77	MP4B	Z	0	2.5
78	MP4B	Mx	-.012	2.5
79	MP4C	X	75.569	2.5
80	MP4C	Z	0	2.5
81	MP4C	Mx	-.009	2.5
82	MP3A	X	42.568	2.5
83	MP3A	Z	0	2.5
84	MP3A	Mx	.014	2.5
85	MP3B	X	69.606	2.5
86	MP3B	Z	0	2.5
87	MP3B	Mx	-.012	2.5
88	MP3C	X	74.401	2.5
89	MP3C	Z	0	2.5
90	MP3C	Mx	-.008	2.5
91	M100	X	140.167	1
92	M100	Z	0	1
93	M100	Mx	0	1
94	M98	X	92.741	1
95	M98	Z	0	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	110.816	1.33
2	MP3A	Z	63.979	1.33
3	MP3A	Mx	-.051	1.33
4	MP3A	X	110.816	5.33
5	MP3A	Z	63.979	5.33
6	MP3A	Mx	-.051	5.33
7	MP3B	X	148.55	1.33
8	MP3B	Z	85.766	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP3B	Mx	-.086	1.33
10	MP3B	X	148.55	5.33
11	MP3B	Z	85.766	5.33
12	MP3B	Mx	-.086	5.33
13	MP3C	X	119.026	1.33
14	MP3C	Z	68.719	1.33
15	MP3C	Mx	.123	1.33
16	MP3C	X	119.026	5.33
17	MP3C	Z	68.719	5.33
18	MP3C	Mx	.123	5.33
19	MP3A	X	110.816	1.33
20	MP3A	Z	63.979	1.33
21	MP3A	Mx	-.115	1.33
22	MP3A	X	110.816	5.33
23	MP3A	Z	63.979	5.33
24	MP3A	Mx	-.115	5.33
25	MP3B	X	148.55	1.33
26	MP3B	Z	85.766	1.33
27	MP3B	Mx	.086	1.33
28	MP3B	X	148.55	5.33
29	MP3B	Z	85.766	5.33
30	MP3B	Mx	.086	5.33
31	MP3C	X	119.026	1.33
32	MP3C	Z	68.719	1.33
33	MP3C	Mx	.035	1.33
34	MP3C	X	119.026	5.33
35	MP3C	Z	68.719	5.33
36	MP3C	Mx	.035	5.33
37	MP4A	X	125.842	.33
38	MP4A	Z	72.655	.33
39	MP4A	Mx	-.126	.33
40	MP4A	X	125.842	4.67
41	MP4A	Z	72.655	4.67
42	MP4A	Mx	-.126	4.67
43	MP4B	X	168.03	.33
44	MP4B	Z	97.012	.33
45	MP4B	Mx	0	.33
46	MP4B	X	168.03	4.67
47	MP4B	Z	97.012	4.67
48	MP4B	Mx	0	4.67
49	MP4C	X	135.021	.33
50	MP4C	Z	77.954	.33
51	MP4C	Mx	.119	.33
52	MP4C	X	135.021	4.67
53	MP4C	Z	77.954	4.67
54	MP4C	Mx	.119	4.67
55	MP1A	X	46.514	1.33
56	MP1A	Z	26.855	1.33
57	MP1A	Mx	-.023	1.33
58	MP1A	X	46.514	3.33
59	MP1A	Z	26.855	3.33
60	MP1A	Mx	-.023	3.33
61	MP1B	X	85.562	1.33
62	MP1B	Z	49.399	1.33
63	MP1B	Mx	0	1.33
64	MP1B	X	85.562	3.33
65	MP1B	Z	49.399	3.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP1B	Mx	0	3.33
67	MP1C	X	55.009	1.33
68	MP1C	Z	31.76	1.33
69	MP1C	Mx	.024	1.33
70	MP1C	X	55.009	3.33
71	MP1C	Z	31.76	3.33
72	MP1C	Mx	.024	3.33
73	MP4A	X	51.155	2.5
74	MP4A	Z	29.534	2.5
75	MP4A	Mx	.017	2.5
76	MP4B	X	68.086	2.5
77	MP4B	Z	39.309	2.5
78	MP4B	Mx	0	2.5
79	MP4C	X	54.839	2.5
80	MP4C	Z	31.661	2.5
81	MP4C	Mx	-.016	2.5
82	MP3A	X	44.67	2.5
83	MP3A	Z	25.79	2.5
84	MP3A	Mx	.015	2.5
85	MP3B	X	68.086	2.5
86	MP3B	Z	39.309	2.5
87	MP3B	Mx	0	2.5
88	MP3C	X	49.764	2.5
89	MP3C	Z	28.731	2.5
90	MP3C	Mx	-.015	2.5
91	M100	X	135.079	1
92	M100	Z	77.988	1
93	M100	Mx	0	1
94	M98	X	94.007	1
95	M98	Z	54.275	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	78.504	1.33
2	MP3A	Z	135.972	1.33
3	MP3A	Mx	.009	1.33
4	MP3A	X	78.504	5.33
5	MP3A	Z	135.972	5.33
6	MP3A	Mx	.009	5.33
7	MP3B	X	78.504	1.33
8	MP3B	Z	135.972	1.33
9	MP3B	Mx	-.127	1.33
10	MP3B	X	78.504	5.33
11	MP3B	Z	135.972	5.33
12	MP3B	Mx	-.127	5.33
13	MP3C	X	57.593	1.33
14	MP3C	Z	99.755	1.33
15	MP3C	Mx	.095	1.33
16	MP3C	X	57.593	5.33
17	MP3C	Z	99.755	5.33
18	MP3C	Mx	.095	5.33
19	MP3A	X	78.504	1.33
20	MP3A	Z	135.972	1.33
21	MP3A	Mx	-.127	1.33
22	MP3A	X	78.504	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP3A	Z	135.972	5.33
24	MP3A	Mx	-.127	5.33
25	MP3B	X	78.504	1.33
26	MP3B	Z	135.972	1.33
27	MP3B	Mx	.009	1.33
28	MP3B	X	78.504	5.33
29	MP3B	Z	135.972	5.33
30	MP3B	Mx	.009	5.33
31	MP3C	X	57.593	1.33
32	MP3C	Z	99.755	1.33
33	MP3C	Mx	.075	1.33
34	MP3C	X	57.593	5.33
35	MP3C	Z	99.755	5.33
36	MP3C	Mx	.075	5.33
37	MP4A	X	88.893	.33
38	MP4A	Z	153.967	.33
39	MP4A	Mx	-.089	.33
40	MP4A	X	88.893	4.67
41	MP4A	Z	153.967	4.67
42	MP4A	Mx	-.089	4.67
43	MP4B	X	88.893	.33
44	MP4B	Z	153.967	.33
45	MP4B	Mx	-.089	.33
46	MP4B	X	88.893	4.67
47	MP4B	Z	153.967	4.67
48	MP4B	Mx	-.089	4.67
49	MP4C	X	65.515	.33
50	MP4C	Z	113.476	.33
51	MP4C	Mx	.129	.33
52	MP4C	X	65.515	4.67
53	MP4C	Z	113.476	4.67
54	MP4C	Mx	.129	4.67
55	MP1A	X	41.884	1.33
56	MP1A	Z	72.546	1.33
57	MP1A	Mx	-.021	1.33
58	MP1A	X	41.884	3.33
59	MP1A	Z	72.546	3.33
60	MP1A	Mx	-.021	3.33
61	MP1B	X	41.884	1.33
62	MP1B	Z	72.546	1.33
63	MP1B	Mx	-.021	1.33
64	MP1B	X	41.884	3.33
65	MP1B	Z	72.546	3.33
66	MP1B	Mx	-.021	3.33
67	MP1C	X	20.246	1.33
68	MP1C	Z	35.067	1.33
69	MP1C	Mx	.02	1.33
70	MP1C	X	20.246	3.33
71	MP1C	Z	35.067	3.33
72	MP1C	Mx	.02	3.33
73	MP4A	X	36.051	2.5
74	MP4A	Z	62.442	2.5
75	MP4A	Mx	.012	2.5
76	MP4B	X	36.051	2.5
77	MP4B	Z	62.442	2.5
78	MP4B	Mx	.012	2.5
79	MP4C	X	26.669	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP4C	Z	46.192	2.5
81	MP4C	Mx	-.018	2.5
82	MP3A	X	34.803	2.5
83	MP3A	Z	60.28	2.5
84	MP3A	Mx	.012	2.5
85	MP3B	X	34.803	2.5
86	MP3B	Z	60.28	2.5
87	MP3B	Mx	.012	2.5
88	MP3C	X	21.827	2.5
89	MP3C	Z	37.806	2.5
90	MP3C	Mx	-.014	2.5
91	M100	X	70.084	1
92	M100	Z	121.388	1
93	M100	Mx	0	1
94	M98	X	70.084	1
95	M98	Z	121.388	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1.33
2	MP3A	Z	171.531	1.33
3	MP3A	Mx	.086	1.33
4	MP3A	X	0	5.33
5	MP3A	Z	171.531	5.33
6	MP3A	Mx	.086	5.33
7	MP3B	X	0	1.33
8	MP3B	Z	127.959	1.33
9	MP3B	Mx	-.115	1.33
10	MP3B	X	0	5.33
11	MP3B	Z	127.959	5.33
12	MP3B	Mx	-.115	5.33
13	MP3C	X	0	1.33
14	MP3C	Z	120.231	1.33
15	MP3C	Mx	.064	1.33
16	MP3C	X	0	5.33
17	MP3C	Z	120.231	5.33
18	MP3C	Mx	.064	5.33
19	MP3A	X	0	1.33
20	MP3A	Z	171.531	1.33
21	MP3A	Mx	-.086	1.33
22	MP3A	X	0	5.33
23	MP3A	Z	171.531	5.33
24	MP3A	Mx	-.086	5.33
25	MP3B	X	0	1.33
26	MP3B	Z	127.959	1.33
27	MP3B	Mx	-.051	1.33
28	MP3B	X	0	5.33
29	MP3B	Z	127.959	5.33
30	MP3B	Mx	-.051	5.33
31	MP3C	X	0	1.33
32	MP3C	Z	120.231	1.33
33	MP3C	Mx	.105	1.33
34	MP3C	X	0	5.33
35	MP3C	Z	120.231	5.33
36	MP3C	Mx	.105	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP4A	X	0	.33
38	MP4A	Z	194.024	.33
39	MP4A	Mx	0	.33
40	MP4A	X	0	4.67
41	MP4A	Z	194.024	4.67
42	MP4A	Mx	0	4.67
43	MP4B	X	0	.33
44	MP4B	Z	145.31	.33
45	MP4B	Mx	-.126	.33
46	MP4B	X	0	4.67
47	MP4B	Z	145.31	4.67
48	MP4B	Mx	-.126	4.67
49	MP4C	X	0	.33
50	MP4C	Z	136.67	.33
51	MP4C	Mx	.128	.33
52	MP4C	X	0	4.67
53	MP4C	Z	136.67	4.67
54	MP4C	Mx	.128	4.67
55	MP1A	X	0	1.33
56	MP1A	Z	98.799	1.33
57	MP1A	Mx	0	1.33
58	MP1A	X	0	3.33
59	MP1A	Z	98.799	3.33
60	MP1A	Mx	0	3.33
61	MP1B	X	0	1.33
62	MP1B	Z	53.709	1.33
63	MP1B	Mx	-.023	1.33
64	MP1B	X	0	3.33
65	MP1B	Z	53.709	3.33
66	MP1B	Mx	-.023	3.33
67	MP1C	X	0	1.33
68	MP1C	Z	45.712	1.33
69	MP1C	Mx	.021	1.33
70	MP1C	X	0	3.33
71	MP1C	Z	45.712	3.33
72	MP1C	Mx	.021	3.33
73	MP4A	X	0	2.5
74	MP4A	Z	78.619	2.5
75	MP4A	Mx	0	2.5
76	MP4B	X	0	2.5
77	MP4B	Z	59.069	2.5
78	MP4B	Mx	.017	2.5
79	MP4C	X	0	2.5
80	MP4C	Z	55.602	2.5
81	MP4C	Mx	-.017	2.5
82	MP3A	X	0	2.5
83	MP3A	Z	78.619	2.5
84	MP3A	Mx	0	2.5
85	MP3B	X	0	2.5
86	MP3B	Z	51.58	2.5
87	MP3B	Mx	.015	2.5
88	MP3C	X	0	2.5
89	MP3C	Z	46.785	2.5
90	MP3C	Mx	-.015	2.5
91	M100	X	0	1
92	M100	Z	108.55	1
93	M100	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	M98	X	0	1
95	M98	Z	155.976	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-78.504	1.33
2	MP3A	Z	135.972	1.33
3	MP3A	Mx	.127	1.33
4	MP3A	X	-78.504	5.33
5	MP3A	Z	135.972	5.33
6	MP3A	Mx	.127	5.33
7	MP3B	X	-56.717	1.33
8	MP3B	Z	98.237	1.33
9	MP3B	Mx	-.085	1.33
10	MP3B	X	-56.717	5.33
11	MP3B	Z	98.237	5.33
12	MP3B	Mx	-.085	5.33
13	MP3C	X	-73.764	1.33
14	MP3C	Z	127.762	1.33
15	MP3C	Mx	.015	1.33
16	MP3C	X	-73.764	5.33
17	MP3C	Z	127.762	5.33
18	MP3C	Mx	.015	5.33
19	MP3A	X	-78.504	1.33
20	MP3A	Z	135.972	1.33
21	MP3A	Mx	-.009	1.33
22	MP3A	X	-78.504	5.33
23	MP3A	Z	135.972	5.33
24	MP3A	Mx	-.009	5.33
25	MP3B	X	-56.717	1.33
26	MP3B	Z	98.237	1.33
27	MP3B	Mx	-.085	1.33
28	MP3B	X	-56.717	5.33
29	MP3B	Z	98.237	5.33
30	MP3B	Mx	-.085	5.33
31	MP3C	X	-73.764	1.33
32	MP3C	Z	127.762	1.33
33	MP3C	Mx	.128	1.33
34	MP3C	X	-73.764	5.33
35	MP3C	Z	127.762	5.33
36	MP3C	Mx	.128	5.33
37	MP4A	X	-88.893	.33
38	MP4A	Z	153.967	.33
39	MP4A	Mx	.089	.33
40	MP4A	X	-88.893	4.67
41	MP4A	Z	153.967	4.67
42	MP4A	Mx	.089	4.67
43	MP4B	X	-64.536	.33
44	MP4B	Z	111.78	.33
45	MP4B	Mx	-.129	.33
46	MP4B	X	-64.536	4.67
47	MP4B	Z	111.78	4.67
48	MP4B	Mx	-.129	4.67
49	MP4C	X	-83.594	.33
50	MP4C	Z	144.788	.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP4C	Mx	.107	.33
52	MP4C	X	-83.594	4.67
53	MP4C	Z	144.788	4.67
54	MP4C	Mx	.107	4.67
55	MP1A	X	-41.884	1.33
56	MP1A	Z	72.546	1.33
57	MP1A	Mx	.021	1.33
58	MP1A	X	-41.884	3.33
59	MP1A	Z	72.546	3.33
60	MP1A	Mx	.021	3.33
61	MP1B	X	-19.34	1.33
62	MP1B	Z	33.497	1.33
63	MP1B	Mx	-.019	1.33
64	MP1B	X	-19.34	3.33
65	MP1B	Z	33.497	3.33
66	MP1B	Mx	-.019	3.33
67	MP1C	X	-36.979	1.33
68	MP1C	Z	64.05	1.33
69	MP1C	Mx	.024	1.33
70	MP1C	X	-36.979	3.33
71	MP1C	Z	64.05	3.33
72	MP1C	Mx	.024	3.33
73	MP4A	X	-36.051	2.5
74	MP4A	Z	62.442	2.5
75	MP4A	Mx	-.012	2.5
76	MP4B	X	-26.276	2.5
77	MP4B	Z	45.512	2.5
78	MP4B	Mx	.018	2.5
79	MP4C	X	-33.924	2.5
80	MP4C	Z	58.759	2.5
81	MP4C	Mx	-.015	2.5
82	MP3A	X	-34.803	2.5
83	MP3A	Z	60.28	2.5
84	MP3A	Mx	-.012	2.5
85	MP3B	X	-21.284	2.5
86	MP3B	Z	36.865	2.5
87	MP3B	Mx	.014	2.5
88	MP3C	X	-31.862	2.5
89	MP3C	Z	55.186	2.5
90	MP3C	Mx	-.014	2.5
91	M100	X	-46.371	1
92	M100	Z	80.316	1
93	M100	Mx	0	1
94	M98	X	-70.084	1
95	M98	Z	121.388	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-110.816	1.33
2	MP3A	Z	63.979	1.33
3	MP3A	Mx	.115	1.33
4	MP3A	X	-110.816	5.33
5	MP3A	Z	63.979	5.33
6	MP3A	Mx	.115	5.33
7	MP3B	X	-110.816	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP3B	Z	63.979	1.33
9	MP3B	Mx	-.051	1.33
10	MP3B	X	-110.816	5.33
11	MP3B	Z	63.979	5.33
12	MP3B	Mx	-.051	5.33
13	MP3C	X	-147.033	1.33
14	MP3C	Z	84.89	1.33
15	MP3C	Mx	-.061	1.33
16	MP3C	X	-147.033	5.33
17	MP3C	Z	84.89	5.33
18	MP3C	Mx	-.061	5.33
19	MP3A	X	-110.816	1.33
20	MP3A	Z	63.979	1.33
21	MP3A	Mx	.051	1.33
22	MP3A	X	-110.816	5.33
23	MP3A	Z	63.979	5.33
24	MP3A	Mx	.051	5.33
25	MP3B	X	-110.816	1.33
26	MP3B	Z	63.979	1.33
27	MP3B	Mx	-.115	1.33
28	MP3B	X	-110.816	5.33
29	MP3B	Z	63.979	5.33
30	MP3B	Mx	-.115	5.33
31	MP3C	X	-147.033	1.33
32	MP3C	Z	84.89	1.33
33	MP3C	Mx	.106	1.33
34	MP3C	X	-147.033	5.33
35	MP3C	Z	84.89	5.33
36	MP3C	Mx	.106	5.33
37	MP4A	X	-125.842	.33
38	MP4A	Z	72.655	.33
39	MP4A	Mx	.126	.33
40	MP4A	X	-125.842	4.67
41	MP4A	Z	72.655	4.67
42	MP4A	Mx	.126	4.67
43	MP4B	X	-125.842	.33
44	MP4B	Z	72.655	.33
45	MP4B	Mx	-.126	.33
46	MP4B	X	-125.842	4.67
47	MP4B	Z	72.655	4.67
48	MP4B	Mx	-.126	4.67
49	MP4C	X	-166.333	.33
50	MP4C	Z	96.033	.33
51	MP4C	Mx	.033	.33
52	MP4C	X	-166.333	4.67
53	MP4C	Z	96.033	4.67
54	MP4C	Mx	.033	4.67
55	MP1A	X	-46.514	1.33
56	MP1A	Z	26.855	1.33
57	MP1A	Mx	.023	1.33
58	MP1A	X	-46.514	3.33
59	MP1A	Z	26.855	3.33
60	MP1A	Mx	.023	3.33
61	MP1B	X	-46.514	1.33
62	MP1B	Z	26.855	1.33
63	MP1B	Mx	-.023	1.33
64	MP1B	X	-46.514	3.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP1B	Z	26.855	3.33
66	MP1B	Mx	-.023	3.33
67	MP1C	X	-83.992	1.33
68	MP1C	Z	48.493	1.33
69	MP1C	Mx	.008	1.33
70	MP1C	X	-83.992	3.33
71	MP1C	Z	48.493	3.33
72	MP1C	Mx	.008	3.33
73	MP4A	X	-51.155	2.5
74	MP4A	Z	29.534	2.5
75	MP4A	Mx	-.017	2.5
76	MP4B	X	-51.155	2.5
77	MP4B	Z	29.534	2.5
78	MP4B	Mx	.017	2.5
79	MP4C	X	-67.405	2.5
80	MP4C	Z	38.916	2.5
81	MP4C	Mx	-.005	2.5
82	MP3A	X	-44.67	2.5
83	MP3A	Z	25.79	2.5
84	MP3A	Mx	-.015	2.5
85	MP3B	X	-44.67	2.5
86	MP3B	Z	25.79	2.5
87	MP3B	Mx	.015	2.5
88	MP3C	X	-67.144	2.5
89	MP3C	Z	38.766	2.5
90	MP3C	Mx	-.004	2.5
91	M100	X	-94.007	1
92	M100	Z	54.275	1
93	M100	Mx	0	1
94	M98	X	-94.007	1
95	M98	Z	54.275	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-113.435	1.33
2	MP3A	Z	0	1.33
3	MP3A	Mx	.085	1.33
4	MP3A	X	-113.435	5.33
5	MP3A	Z	0	5.33
6	MP3A	Mx	.085	5.33
7	MP3B	X	-157.007	1.33
8	MP3B	Z	0	1.33
9	MP3B	Mx	.009	1.33
10	MP3B	X	-157.007	5.33
11	MP3B	Z	0	5.33
12	MP3B	Mx	.009	5.33
13	MP3C	X	-164.735	1.33
14	MP3C	Z	0	1.33
15	MP3C	Mx	-.12	1.33
16	MP3C	X	-164.735	5.33
17	MP3C	Z	0	5.33
18	MP3C	Mx	-.12	5.33
19	MP3A	X	-113.435	1.33
20	MP3A	Z	0	1.33
21	MP3A	Mx	.085	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP3A	X	-113.435	5.33
23	MP3A	Z	0	5.33
24	MP3A	Mx	.085	5.33
25	MP3B	X	-157.007	1.33
26	MP3B	Z	0	1.33
27	MP3B	Mx	-.127	1.33
28	MP3B	X	-157.007	5.33
29	MP3B	Z	0	5.33
30	MP3B	Mx	-.127	5.33
31	MP3C	X	-164.735	1.33
32	MP3C	Z	0	1.33
33	MP3C	Mx	.035	1.33
34	MP3C	X	-164.735	5.33
35	MP3C	Z	0	5.33
36	MP3C	Mx	.035	5.33
37	MP4A	X	-129.072	.33
38	MP4A	Z	0	.33
39	MP4A	Mx	.129	.33
40	MP4A	X	-129.072	4.67
41	MP4A	Z	0	4.67
42	MP4A	Mx	.129	4.67
43	MP4B	X	-177.786	.33
44	MP4B	Z	0	.33
45	MP4B	Mx	-.089	.33
46	MP4B	X	-177.786	4.67
47	MP4B	Z	0	4.67
48	MP4B	Mx	-.089	4.67
49	MP4C	X	-186.426	.33
50	MP4C	Z	0	.33
51	MP4C	Mx	-.064	.33
52	MP4C	X	-186.426	4.67
53	MP4C	Z	0	4.67
54	MP4C	Mx	-.064	4.67
55	MP1A	X	-38.68	1.33
56	MP1A	Z	0	1.33
57	MP1A	Mx	.019	1.33
58	MP1A	X	-38.68	3.33
59	MP1A	Z	0	3.33
60	MP1A	Mx	.019	3.33
61	MP1B	X	-83.769	1.33
62	MP1B	Z	0	1.33
63	MP1B	Mx	-.021	1.33
64	MP1B	X	-83.769	3.33
65	MP1B	Z	0	3.33
66	MP1B	Mx	-.021	3.33
67	MP1C	X	-91.766	1.33
68	MP1C	Z	0	1.33
69	MP1C	Mx	-.016	1.33
70	MP1C	X	-91.766	3.33
71	MP1C	Z	0	3.33
72	MP1C	Mx	-.016	3.33
73	MP4A	X	-52.552	2.5
74	MP4A	Z	0	2.5
75	MP4A	Mx	-.018	2.5
76	MP4B	X	-72.102	2.5
77	MP4B	Z	0	2.5
78	MP4B	Mx	.012	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	MP4C	X	-75.569	2.5
80	MP4C	Z	0	2.5
81	MP4C	Mx	.009	2.5
82	MP3A	X	-42.568	2.5
83	MP3A	Z	0	2.5
84	MP3A	Mx	-.014	2.5
85	MP3B	X	-69.606	2.5
86	MP3B	Z	0	2.5
87	MP3B	Mx	.012	2.5
88	MP3C	X	-74.401	2.5
89	MP3C	Z	0	2.5
90	MP3C	Mx	.008	2.5
91	M100	X	-140.167	1
92	M100	Z	0	1
93	M100	Mx	0	1
94	M98	X	-92.741	1
95	M98	Z	0	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-110.816	1.33
2	MP3A	Z	-63.979	1.33
3	MP3A	Mx	.051	1.33
4	MP3A	X	-110.816	5.33
5	MP3A	Z	-63.979	5.33
6	MP3A	Mx	.051	5.33
7	MP3B	X	-148.55	1.33
8	MP3B	Z	-85.766	1.33
9	MP3B	Mx	.086	1.33
10	MP3B	X	-148.55	5.33
11	MP3B	Z	-85.766	5.33
12	MP3B	Mx	.086	5.33
13	MP3C	X	-119.026	1.33
14	MP3C	Z	-68.719	1.33
15	MP3C	Mx	-.123	1.33
16	MP3C	X	-119.026	5.33
17	MP3C	Z	-68.719	5.33
18	MP3C	Mx	-.123	5.33
19	MP3A	X	-110.816	1.33
20	MP3A	Z	-63.979	1.33
21	MP3A	Mx	.115	1.33
22	MP3A	X	-110.816	5.33
23	MP3A	Z	-63.979	5.33
24	MP3A	Mx	.115	5.33
25	MP3B	X	-148.55	1.33
26	MP3B	Z	-85.766	1.33
27	MP3B	Mx	-.086	1.33
28	MP3B	X	-148.55	5.33
29	MP3B	Z	-85.766	5.33
30	MP3B	Mx	-.086	5.33
31	MP3C	X	-119.026	1.33
32	MP3C	Z	-68.719	1.33
33	MP3C	Mx	-.035	1.33
34	MP3C	X	-119.026	5.33
35	MP3C	Z	-68.719	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP3C	Mx	-.035	5.33
37	MP4A	X	-125.842	.33
38	MP4A	Z	-72.655	.33
39	MP4A	Mx	.126	.33
40	MP4A	X	-125.842	4.67
41	MP4A	Z	-72.655	4.67
42	MP4A	Mx	.126	4.67
43	MP4B	X	-168.03	.33
44	MP4B	Z	-97.012	.33
45	MP4B	Mx	0	.33
46	MP4B	X	-168.03	4.67
47	MP4B	Z	-97.012	4.67
48	MP4B	Mx	0	4.67
49	MP4C	X	-135.021	.33
50	MP4C	Z	-77.954	.33
51	MP4C	Mx	-.119	.33
52	MP4C	X	-135.021	4.67
53	MP4C	Z	-77.954	4.67
54	MP4C	Mx	-.119	4.67
55	MP1A	X	-46.514	1.33
56	MP1A	Z	-26.855	1.33
57	MP1A	Mx	.023	1.33
58	MP1A	X	-46.514	3.33
59	MP1A	Z	-26.855	3.33
60	MP1A	Mx	.023	3.33
61	MP1B	X	-85.562	1.33
62	MP1B	Z	-49.399	1.33
63	MP1B	Mx	0	1.33
64	MP1B	X	-85.562	3.33
65	MP1B	Z	-49.399	3.33
66	MP1B	Mx	0	3.33
67	MP1C	X	-55.009	1.33
68	MP1C	Z	-31.76	1.33
69	MP1C	Mx	-.024	1.33
70	MP1C	X	-55.009	3.33
71	MP1C	Z	-31.76	3.33
72	MP1C	Mx	-.024	3.33
73	MP4A	X	-51.155	2.5
74	MP4A	Z	-29.534	2.5
75	MP4A	Mx	-.017	2.5
76	MP4B	X	-68.086	2.5
77	MP4B	Z	-39.309	2.5
78	MP4B	Mx	0	2.5
79	MP4C	X	-54.839	2.5
80	MP4C	Z	-31.661	2.5
81	MP4C	Mx	.016	2.5
82	MP3A	X	-44.67	2.5
83	MP3A	Z	-25.79	2.5
84	MP3A	Mx	-.015	2.5
85	MP3B	X	-68.086	2.5
86	MP3B	Z	-39.309	2.5
87	MP3B	Mx	0	2.5
88	MP3C	X	-49.764	2.5
89	MP3C	Z	-28.731	2.5
90	MP3C	Mx	.015	2.5
91	M100	X	-135.079	1
92	M100	Z	-77.988	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	M100	Mx	0	1
94	M98	X	-94.007	1
95	M98	Z	-54.275	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-78.504	1.33
2	MP3A	Z	-135.972	1.33
3	MP3A	Mx	-.009	1.33
4	MP3A	X	-78.504	5.33
5	MP3A	Z	-135.972	5.33
6	MP3A	Mx	-.009	5.33
7	MP3B	X	-78.504	1.33
8	MP3B	Z	-135.972	1.33
9	MP3B	Mx	.127	1.33
10	MP3B	X	-78.504	5.33
11	MP3B	Z	-135.972	5.33
12	MP3B	Mx	.127	5.33
13	MP3C	X	-57.593	1.33
14	MP3C	Z	-99.755	1.33
15	MP3C	Mx	-.095	1.33
16	MP3C	X	-57.593	5.33
17	MP3C	Z	-99.755	5.33
18	MP3C	Mx	-.095	5.33
19	MP3A	X	-78.504	1.33
20	MP3A	Z	-135.972	1.33
21	MP3A	Mx	.127	1.33
22	MP3A	X	-78.504	5.33
23	MP3A	Z	-135.972	5.33
24	MP3A	Mx	.127	5.33
25	MP3B	X	-78.504	1.33
26	MP3B	Z	-135.972	1.33
27	MP3B	Mx	-.009	1.33
28	MP3B	X	-78.504	5.33
29	MP3B	Z	-135.972	5.33
30	MP3B	Mx	-.009	5.33
31	MP3C	X	-57.593	1.33
32	MP3C	Z	-99.755	1.33
33	MP3C	Mx	-.075	1.33
34	MP3C	X	-57.593	5.33
35	MP3C	Z	-99.755	5.33
36	MP3C	Mx	-.075	5.33
37	MP4A	X	-88.893	.33
38	MP4A	Z	-153.967	.33
39	MP4A	Mx	.089	.33
40	MP4A	X	-88.893	4.67
41	MP4A	Z	-153.967	4.67
42	MP4A	Mx	.089	4.67
43	MP4B	X	-88.893	.33
44	MP4B	Z	-153.967	.33
45	MP4B	Mx	.089	.33
46	MP4B	X	-88.893	4.67
47	MP4B	Z	-153.967	4.67
48	MP4B	Mx	.089	4.67
49	MP4C	X	-65.515	.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
50	MP4C	Z	-113.476	.33
51	MP4C	Mx	-.129	.33
52	MP4C	X	-65.515	4.67
53	MP4C	Z	-113.476	4.67
54	MP4C	Mx	-.129	4.67
55	MP1A	X	-41.884	1.33
56	MP1A	Z	-72.546	1.33
57	MP1A	Mx	.021	1.33
58	MP1A	X	-41.884	3.33
59	MP1A	Z	-72.546	3.33
60	MP1A	Mx	.021	3.33
61	MP1B	X	-41.884	1.33
62	MP1B	Z	-72.546	1.33
63	MP1B	Mx	.021	1.33
64	MP1B	X	-41.884	3.33
65	MP1B	Z	-72.546	3.33
66	MP1B	Mx	.021	3.33
67	MP1C	X	-20.246	1.33
68	MP1C	Z	-35.067	1.33
69	MP1C	Mx	-.02	1.33
70	MP1C	X	-20.246	3.33
71	MP1C	Z	-35.067	3.33
72	MP1C	Mx	-.02	3.33
73	MP4A	X	-36.051	2.5
74	MP4A	Z	-62.442	2.5
75	MP4A	Mx	-.012	2.5
76	MP4B	X	-36.051	2.5
77	MP4B	Z	-62.442	2.5
78	MP4B	Mx	-.012	2.5
79	MP4C	X	-26.669	2.5
80	MP4C	Z	-46.192	2.5
81	MP4C	Mx	.018	2.5
82	MP3A	X	-34.803	2.5
83	MP3A	Z	-60.28	2.5
84	MP3A	Mx	-.012	2.5
85	MP3B	X	-34.803	2.5
86	MP3B	Z	-60.28	2.5
87	MP3B	Mx	-.012	2.5
88	MP3C	X	-21.827	2.5
89	MP3C	Z	-37.806	2.5
90	MP3C	Mx	.014	2.5
91	M100	X	-70.084	1
92	M100	Z	-121.388	1
93	M100	Mx	0	1
94	M98	X	-70.084	1
95	M98	Z	-121.388	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1.33
2	MP3A	Z	-32.836	1.33
3	MP3A	Mx	-.016	1.33
4	MP3A	X	0	5.33
5	MP3A	Z	-32.836	5.33
6	MP3A	Mx	-.016	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP3B	X	0	1.33
8	MP3B	Z	-25.193	1.33
9	MP3B	Mx	.023	1.33
10	MP3B	X	0	5.33
11	MP3B	Z	-25.193	5.33
12	MP3B	Mx	.023	5.33
13	MP3C	X	0	1.33
14	MP3C	Z	-23.837	1.33
15	MP3C	Mx	-.013	1.33
16	MP3C	X	0	5.33
17	MP3C	Z	-23.837	5.33
18	MP3C	Mx	-.013	5.33
19	MP3A	X	0	1.33
20	MP3A	Z	-32.836	1.33
21	MP3A	Mx	.016	1.33
22	MP3A	X	0	5.33
23	MP3A	Z	-32.836	5.33
24	MP3A	Mx	.016	5.33
25	MP3B	X	0	1.33
26	MP3B	Z	-25.193	1.33
27	MP3B	Mx	.01	1.33
28	MP3B	X	0	5.33
29	MP3B	Z	-25.193	5.33
30	MP3B	Mx	.01	5.33
31	MP3C	X	0	1.33
32	MP3C	Z	-23.837	1.33
33	MP3C	Mx	-.021	1.33
34	MP3C	X	0	5.33
35	MP3C	Z	-23.837	5.33
36	MP3C	Mx	-.021	5.33
37	MP4A	X	0	.33
38	MP4A	Z	-37.063	.33
39	MP4A	Mx	0	.33
40	MP4A	X	0	4.67
41	MP4A	Z	-37.063	4.67
42	MP4A	Mx	0	4.67
43	MP4B	X	0	.33
44	MP4B	Z	-28.467	.33
45	MP4B	Mx	.025	.33
46	MP4B	X	0	4.67
47	MP4B	Z	-28.467	4.67
48	MP4B	Mx	.025	4.67
49	MP4C	X	0	.33
50	MP4C	Z	-26.942	.33
51	MP4C	Mx	-.025	.33
52	MP4C	X	0	4.67
53	MP4C	Z	-26.942	4.67
54	MP4C	Mx	-.025	4.67
55	MP1A	X	0	1.33
56	MP1A	Z	-19.375	1.33
57	MP1A	Mx	0	1.33
58	MP1A	X	0	3.33
59	MP1A	Z	-19.375	3.33
60	MP1A	Mx	0	3.33
61	MP1B	X	0	1.33
62	MP1B	Z	-11.033	1.33
63	MP1B	Mx	.005	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP1B	X	0	3.33
65	MP1B	Z	-11.033	3.33
66	MP1B	Mx	.005	3.33
67	MP1C	X	0	1.33
68	MP1C	Z	-9.554	1.33
69	MP1C	Mx	-.004	1.33
70	MP1C	X	0	3.33
71	MP1C	Z	-9.554	3.33
72	MP1C	Mx	-.004	3.33
73	MP4A	X	0	2.5
74	MP4A	Z	-16.329	2.5
75	MP4A	Mx	0	2.5
76	MP4B	X	0	2.5
77	MP4B	Z	-12.601	2.5
78	MP4B	Mx	-.004	2.5
79	MP4C	X	0	2.5
80	MP4C	Z	-11.939	2.5
81	MP4C	Mx	.004	2.5
82	MP3A	X	0	2.5
83	MP3A	Z	-16.329	2.5
84	MP3A	Mx	0	2.5
85	MP3B	X	0	2.5
86	MP3B	Z	-11.184	2.5
87	MP3B	Mx	-.003	2.5
88	MP3C	X	0	2.5
89	MP3C	Z	-10.271	2.5
90	MP3C	Mx	.003	2.5
91	M100	X	0	1
92	M100	Z	-22.114	1
93	M100	Mx	0	1
94	M98	X	0	1
95	M98	Z	-30.75	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	15.144	1.33
2	MP3A	Z	-26.231	1.33
3	MP3A	Mx	-.024	1.33
4	MP3A	X	15.144	5.33
5	MP3A	Z	-26.231	5.33
6	MP3A	Mx	-.024	5.33
7	MP3B	X	11.323	1.33
8	MP3B	Z	-19.611	1.33
9	MP3B	Mx	.017	1.33
10	MP3B	X	11.323	5.33
11	MP3B	Z	-19.611	5.33
12	MP3B	Mx	.017	5.33
13	MP3C	X	14.313	1.33
14	MP3C	Z	-24.791	1.33
15	MP3C	Mx	-.003	1.33
16	MP3C	X	14.313	5.33
17	MP3C	Z	-24.791	5.33
18	MP3C	Mx	-.003	5.33
19	MP3A	X	15.144	1.33
20	MP3A	Z	-26.231	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP3A	Mx	.002	1.33
22	MP3A	X	15.144	5.33
23	MP3A	Z	-26.231	5.33
24	MP3A	Mx	.002	5.33
25	MP3B	X	11.323	1.33
26	MP3B	Z	-19.611	1.33
27	MP3B	Mx	.017	1.33
28	MP3B	X	11.323	5.33
29	MP3B	Z	-19.611	5.33
30	MP3B	Mx	.017	5.33
31	MP3C	X	14.313	1.33
32	MP3C	Z	-24.791	1.33
33	MP3C	Mx	-.025	1.33
34	MP3C	X	14.313	5.33
35	MP3C	Z	-24.791	5.33
36	MP3C	Mx	-.025	5.33
37	MP4A	X	17.099	.33
38	MP4A	Z	-29.616	.33
39	MP4A	Mx	-.017	.33
40	MP4A	X	17.099	4.67
41	MP4A	Z	-29.616	4.67
42	MP4A	Mx	-.017	4.67
43	MP4B	X	12.801	.33
44	MP4B	Z	-22.172	.33
45	MP4B	Mx	.026	.33
46	MP4B	X	12.801	4.67
47	MP4B	Z	-22.172	4.67
48	MP4B	Mx	.026	4.67
49	MP4C	X	16.164	.33
50	MP4C	Z	-27.996	.33
51	MP4C	Mx	-.021	.33
52	MP4C	X	16.164	4.67
53	MP4C	Z	-27.996	4.67
54	MP4C	Mx	-.021	4.67
55	MP1A	X	8.297	1.33
56	MP1A	Z	-14.371	1.33
57	MP1A	Mx	-.004	1.33
58	MP1A	X	8.297	3.33
59	MP1A	Z	-14.371	3.33
60	MP1A	Mx	-.004	3.33
61	MP1B	X	4.126	1.33
62	MP1B	Z	-7.147	1.33
63	MP1B	Mx	.004	1.33
64	MP1B	X	4.126	3.33
65	MP1B	Z	-7.147	3.33
66	MP1B	Mx	.004	3.33
67	MP1C	X	7.39	1.33
68	MP1C	Z	-12.799	1.33
69	MP1C	Mx	-.005	1.33
70	MP1C	X	7.39	3.33
71	MP1C	Z	-12.799	3.33
72	MP1C	Mx	-.005	3.33
73	MP4A	X	7.543	2.5
74	MP4A	Z	-13.065	2.5
75	MP4A	Mx	.003	2.5
76	MP4B	X	5.679	2.5
77	MP4B	Z	-9.836	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP4B	Mx	-.004	2.5
79	MP4C	X	7.137	2.5
80	MP4C	Z	-12.362	2.5
81	MP4C	Mx	.003	2.5
82	MP3A	X	7.307	2.5
83	MP3A	Z	-12.656	2.5
84	MP3A	Mx	.002	2.5
85	MP3B	X	4.734	2.5
86	MP3B	Z	-8.2	2.5
87	MP3B	Mx	-.003	2.5
88	MP3C	X	6.747	2.5
89	MP3C	Z	-11.686	2.5
90	MP3C	Mx	.003	2.5
91	M100	X	9.617	1
92	M100	Z	-16.658	1
93	M100	Mx	0	1
94	M98	X	13.936	1
95	M98	Z	-24.137	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	21.818	1.33
2	MP3A	Z	-12.597	1.33
3	MP3A	Mx	-.023	1.33
4	MP3A	X	21.818	5.33
5	MP3A	Z	-12.597	5.33
6	MP3A	Mx	-.023	5.33
7	MP3B	X	21.818	1.33
8	MP3B	Z	-12.597	1.33
9	MP3B	Mx	.01	1.33
10	MP3B	X	21.818	5.33
11	MP3B	Z	-12.597	5.33
12	MP3B	Mx	.01	5.33
13	MP3C	X	28.171	1.33
14	MP3C	Z	-16.265	1.33
15	MP3C	Mx	.012	1.33
16	MP3C	X	28.171	5.33
17	MP3C	Z	-16.265	5.33
18	MP3C	Mx	.012	5.33
19	MP3A	X	21.818	1.33
20	MP3A	Z	-12.597	1.33
21	MP3A	Mx	-.01	1.33
22	MP3A	X	21.818	5.33
23	MP3A	Z	-12.597	5.33
24	MP3A	Mx	-.01	5.33
25	MP3B	X	21.818	1.33
26	MP3B	Z	-12.597	1.33
27	MP3B	Mx	.023	1.33
28	MP3B	X	21.818	5.33
29	MP3B	Z	-12.597	5.33
30	MP3B	Mx	.023	5.33
31	MP3C	X	28.171	1.33
32	MP3C	Z	-16.265	1.33
33	MP3C	Mx	-.02	1.33
34	MP3C	X	28.171	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP3C	Z	-16.265	5.33
36	MP3C	Mx	-.02	5.33
37	MP4A	X	24.653	.33
38	MP4A	Z	-14.233	.33
39	MP4A	Mx	-.025	.33
40	MP4A	X	24.653	4.67
41	MP4A	Z	-14.233	4.67
42	MP4A	Mx	-.025	4.67
43	MP4B	X	24.653	.33
44	MP4B	Z	-14.233	.33
45	MP4B	Mx	.025	.33
46	MP4B	X	24.653	4.67
47	MP4B	Z	-14.233	4.67
48	MP4B	Mx	.025	4.67
49	MP4C	X	31.798	.33
50	MP4C	Z	-18.359	.33
51	MP4C	Mx	-.006	.33
52	MP4C	X	31.798	4.67
53	MP4C	Z	-18.359	4.67
54	MP4C	Mx	-.006	4.67
55	MP1A	X	9.555	1.33
56	MP1A	Z	-5.517	1.33
57	MP1A	Mx	-.005	1.33
58	MP1A	X	9.555	3.33
59	MP1A	Z	-5.517	3.33
60	MP1A	Mx	-.005	3.33
61	MP1B	X	9.555	1.33
62	MP1B	Z	-5.517	1.33
63	MP1B	Mx	.005	1.33
64	MP1B	X	9.555	3.33
65	MP1B	Z	-5.517	3.33
66	MP1B	Mx	.005	3.33
67	MP1C	X	16.489	1.33
68	MP1C	Z	-9.52	1.33
69	MP1C	Mx	-.002	1.33
70	MP1C	X	16.489	3.33
71	MP1C	Z	-9.52	3.33
72	MP1C	Mx	-.002	3.33
73	MP4A	X	10.912	2.5
74	MP4A	Z	-6.3	2.5
75	MP4A	Mx	.004	2.5
76	MP4B	X	10.912	2.5
77	MP4B	Z	-6.3	2.5
78	MP4B	Mx	-.004	2.5
79	MP4C	X	14.011	2.5
80	MP4C	Z	-8.089	2.5
81	MP4C	Mx	.000936	2.5
82	MP3A	X	9.685	2.5
83	MP3A	Z	-5.592	2.5
84	MP3A	Mx	.003	2.5
85	MP3B	X	9.685	2.5
86	MP3B	Z	-5.592	2.5
87	MP3B	Mx	-.003	2.5
88	MP3C	X	13.962	2.5
89	MP3C	Z	-8.061	2.5
90	MP3C	Mx	.000933	2.5
91	M100	X	19.151	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	M100	Z	-11.057	1
93	M100	Mx	0	1
94	M98	X	19.151	1
95	M98	Z	-11.057	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	22.645	1.33
2	MP3A	Z	0	1.33
3	MP3A	Mx	-.017	1.33
4	MP3A	X	22.645	5.33
5	MP3A	Z	0	5.33
6	MP3A	Mx	-.017	5.33
7	MP3B	X	30.289	1.33
8	MP3B	Z	0	1.33
9	MP3B	Mx	-.002	1.33
10	MP3B	X	30.289	5.33
11	MP3B	Z	0	5.33
12	MP3B	Mx	-.002	5.33
13	MP3C	X	31.644	1.33
14	MP3C	Z	0	1.33
15	MP3C	Mx	.023	1.33
16	MP3C	X	31.644	5.33
17	MP3C	Z	0	5.33
18	MP3C	Mx	.023	5.33
19	MP3A	X	22.645	1.33
20	MP3A	Z	0	1.33
21	MP3A	Mx	-.017	1.33
22	MP3A	X	22.645	5.33
23	MP3A	Z	0	5.33
24	MP3A	Mx	-.017	5.33
25	MP3B	X	30.289	1.33
26	MP3B	Z	0	1.33
27	MP3B	Mx	.024	1.33
28	MP3B	X	30.289	5.33
29	MP3B	Z	0	5.33
30	MP3B	Mx	.024	5.33
31	MP3C	X	31.644	1.33
32	MP3C	Z	0	1.33
33	MP3C	Mx	-.007	1.33
34	MP3C	X	31.644	5.33
35	MP3C	Z	0	5.33
36	MP3C	Mx	-.007	5.33
37	MP4A	X	25.602	.33
38	MP4A	Z	0	.33
39	MP4A	Mx	-.026	.33
40	MP4A	X	25.602	4.67
41	MP4A	Z	0	4.67
42	MP4A	Mx	-.026	4.67
43	MP4B	X	34.198	.33
44	MP4B	Z	0	.33
45	MP4B	Mx	.017	.33
46	MP4B	X	34.198	4.67
47	MP4B	Z	0	4.67
48	MP4B	Mx	.017	4.67

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP4C	X	35.722	.33
50	MP4C	Z	0	.33
51	MP4C	Mx	.012	.33
52	MP4C	X	35.722	4.67
53	MP4C	Z	0	4.67
54	MP4C	Mx	.012	4.67
55	MP1A	X	8.252	1.33
56	MP1A	Z	0	1.33
57	MP1A	Mx	-.004	1.33
58	MP1A	X	8.252	3.33
59	MP1A	Z	0	3.33
60	MP1A	Mx	-.004	3.33
61	MP1B	X	16.594	1.33
62	MP1B	Z	0	1.33
63	MP1B	Mx	.004	1.33
64	MP1B	X	16.594	3.33
65	MP1B	Z	0	3.33
66	MP1B	Mx	.004	3.33
67	MP1C	X	18.074	1.33
68	MP1C	Z	0	1.33
69	MP1C	Mx	.003	1.33
70	MP1C	X	18.074	3.33
71	MP1C	Z	0	3.33
72	MP1C	Mx	.003	3.33
73	MP4A	X	11.358	2.5
74	MP4A	Z	0	2.5
75	MP4A	Mx	.004	2.5
76	MP4B	X	15.086	2.5
77	MP4B	Z	0	2.5
78	MP4B	Mx	-.003	2.5
79	MP4C	X	15.747	2.5
80	MP4C	Z	0	2.5
81	MP4C	Mx	-.002	2.5
82	MP3A	X	9.469	2.5
83	MP3A	Z	0	2.5
84	MP3A	Mx	.003	2.5
85	MP3B	X	14.614	2.5
86	MP3B	Z	0	2.5
87	MP3B	Mx	-.002	2.5
88	MP3C	X	15.526	2.5
89	MP3C	Z	0	2.5
90	MP3C	Mx	-.002	2.5
91	M100	X	27.871	1
92	M100	Z	0	1
93	M100	Mx	0	1
94	M98	X	19.235	1
95	M98	Z	0	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	21.818	1.33
2	MP3A	Z	12.597	1.33
3	MP3A	Mx	-.01	1.33
4	MP3A	X	21.818	5.33
5	MP3A	Z	12.597	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP3A	Mx	-.01	5.33
7	MP3B	X	28.437	1.33
8	MP3B	Z	16.418	1.33
9	MP3B	Mx	-.016	1.33
10	MP3B	X	28.437	5.33
11	MP3B	Z	16.418	5.33
12	MP3B	Mx	-.016	5.33
13	MP3C	X	23.258	1.33
14	MP3C	Z	13.428	1.33
15	MP3C	Mx	.024	1.33
16	MP3C	X	23.258	5.33
17	MP3C	Z	13.428	5.33
18	MP3C	Mx	.024	5.33
19	MP3A	X	21.818	1.33
20	MP3A	Z	12.597	1.33
21	MP3A	Mx	-.023	1.33
22	MP3A	X	21.818	5.33
23	MP3A	Z	12.597	5.33
24	MP3A	Mx	-.023	5.33
25	MP3B	X	28.437	1.33
26	MP3B	Z	16.418	1.33
27	MP3B	Mx	.016	1.33
28	MP3B	X	28.437	5.33
29	MP3B	Z	16.418	5.33
30	MP3B	Mx	.016	5.33
31	MP3C	X	23.258	1.33
32	MP3C	Z	13.428	1.33
33	MP3C	Mx	.007	1.33
34	MP3C	X	23.258	5.33
35	MP3C	Z	13.428	5.33
36	MP3C	Mx	.007	5.33
37	MP4A	X	24.653	.33
38	MP4A	Z	14.233	.33
39	MP4A	Mx	-.025	.33
40	MP4A	X	24.653	4.67
41	MP4A	Z	14.233	4.67
42	MP4A	Mx	-.025	4.67
43	MP4B	X	32.097	.33
44	MP4B	Z	18.531	.33
45	MP4B	Mx	0	.33
46	MP4B	X	32.097	4.67
47	MP4B	Z	18.531	4.67
48	MP4B	Mx	0	4.67
49	MP4C	X	26.273	.33
50	MP4C	Z	15.169	.33
51	MP4C	Mx	.023	.33
52	MP4C	X	26.273	4.67
53	MP4C	Z	15.169	4.67
54	MP4C	Mx	.023	4.67
55	MP1A	X	9.555	1.33
56	MP1A	Z	5.517	1.33
57	MP1A	Mx	-.005	1.33
58	MP1A	X	9.555	3.33
59	MP1A	Z	5.517	3.33
60	MP1A	Mx	-.005	3.33
61	MP1B	X	16.779	1.33
62	MP1B	Z	9.688	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP1B	Mx	0	1.33
64	MP1B	X	16.779	3.33
65	MP1B	Z	9.688	3.33
66	MP1B	Mx	0	3.33
67	MP1C	X	11.127	1.33
68	MP1C	Z	6.424	1.33
69	MP1C	Mx	.005	1.33
70	MP1C	X	11.127	3.33
71	MP1C	Z	6.424	3.33
72	MP1C	Mx	.005	3.33
73	MP4A	X	10.912	2.5
74	MP4A	Z	6.3	2.5
75	MP4A	Mx	.004	2.5
76	MP4B	X	14.141	2.5
77	MP4B	Z	8.164	2.5
78	MP4B	Mx	0	2.5
79	MP4C	X	11.615	2.5
80	MP4C	Z	6.706	2.5
81	MP4C	Mx	-.003	2.5
82	MP3A	X	9.685	2.5
83	MP3A	Z	5.592	2.5
84	MP3A	Mx	.003	2.5
85	MP3B	X	14.141	2.5
86	MP3B	Z	8.164	2.5
87	MP3B	Mx	0	2.5
88	MP3C	X	10.655	2.5
89	MP3C	Z	6.152	2.5
90	MP3C	Mx	-.003	2.5
91	M100	X	26.63	1
92	M100	Z	15.375	1
93	M100	Mx	0	1
94	M98	X	19.151	1
95	M98	Z	11.057	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	15.144	1.33
2	MP3A	Z	26.231	1.33
3	MP3A	Mx	.002	1.33
4	MP3A	X	15.144	5.33
5	MP3A	Z	26.231	5.33
6	MP3A	Mx	.002	5.33
7	MP3B	X	15.144	1.33
8	MP3B	Z	26.231	1.33
9	MP3B	Mx	-.024	1.33
10	MP3B	X	15.144	5.33
11	MP3B	Z	26.231	5.33
12	MP3B	Mx	-.024	5.33
13	MP3C	X	11.476	1.33
14	MP3C	Z	19.878	1.33
15	MP3C	Mx	.019	1.33
16	MP3C	X	11.476	5.33
17	MP3C	Z	19.878	5.33
18	MP3C	Mx	.019	5.33
19	MP3A	X	15.144	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP3A	Z	26.231	1.33
21	MP3A	Mx	-.024	1.33
22	MP3A	X	15.144	5.33
23	MP3A	Z	26.231	5.33
24	MP3A	Mx	-.024	5.33
25	MP3B	X	15.144	1.33
26	MP3B	Z	26.231	1.33
27	MP3B	Mx	.002	1.33
28	MP3B	X	15.144	5.33
29	MP3B	Z	26.231	5.33
30	MP3B	Mx	.002	5.33
31	MP3C	X	11.476	1.33
32	MP3C	Z	19.878	1.33
33	MP3C	Mx	.015	1.33
34	MP3C	X	11.476	5.33
35	MP3C	Z	19.878	5.33
36	MP3C	Mx	.015	5.33
37	MP4A	X	17.099	.33
38	MP4A	Z	29.616	.33
39	MP4A	Mx	-.017	.33
40	MP4A	X	17.099	4.67
41	MP4A	Z	29.616	4.67
42	MP4A	Mx	-.017	4.67
43	MP4B	X	17.099	.33
44	MP4B	Z	29.616	.33
45	MP4B	Mx	-.017	.33
46	MP4B	X	17.099	4.67
47	MP4B	Z	29.616	4.67
48	MP4B	Mx	-.017	4.67
49	MP4C	X	12.974	.33
50	MP4C	Z	22.471	.33
51	MP4C	Mx	.026	.33
52	MP4C	X	12.974	4.67
53	MP4C	Z	22.471	4.67
54	MP4C	Mx	.026	4.67
55	MP1A	X	8.297	1.33
56	MP1A	Z	14.371	1.33
57	MP1A	Mx	-.004	1.33
58	MP1A	X	8.297	3.33
59	MP1A	Z	14.371	3.33
60	MP1A	Mx	-.004	3.33
61	MP1B	X	8.297	1.33
62	MP1B	Z	14.371	1.33
63	MP1B	Mx	-.004	1.33
64	MP1B	X	8.297	3.33
65	MP1B	Z	14.371	3.33
66	MP1B	Mx	-.004	3.33
67	MP1C	X	4.294	1.33
68	MP1C	Z	7.437	1.33
69	MP1C	Mx	.004	1.33
70	MP1C	X	4.294	3.33
71	MP1C	Z	7.437	3.33
72	MP1C	Mx	.004	3.33
73	MP4A	X	7.543	2.5
74	MP4A	Z	13.065	2.5
75	MP4A	Mx	.003	2.5
76	MP4B	X	7.543	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
77	MP4B	Z	13.065	2.5
78	MP4B	Mx	.003	2.5
79	MP4C	X	5.754	2.5
80	MP4C	Z	9.966	2.5
81	MP4C	Mx	-.004	2.5
82	MP3A	X	7.307	2.5
83	MP3A	Z	12.656	2.5
84	MP3A	Mx	.002	2.5
85	MP3B	X	7.307	2.5
86	MP3B	Z	12.656	2.5
87	MP3B	Mx	.002	2.5
88	MP3C	X	4.838	2.5
89	MP3C	Z	8.379	2.5
90	MP3C	Mx	-.003	2.5
91	M100	X	13.936	1
92	M100	Z	24.137	1
93	M100	Mx	0	1
94	M98	X	13.936	1
95	M98	Z	24.137	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1.33
2	MP3A	Z	32.836	1.33
3	MP3A	Mx	.016	1.33
4	MP3A	X	0	5.33
5	MP3A	Z	32.836	5.33
6	MP3A	Mx	.016	5.33
7	MP3B	X	0	1.33
8	MP3B	Z	25.193	1.33
9	MP3B	Mx	-.023	1.33
10	MP3B	X	0	5.33
11	MP3B	Z	25.193	5.33
12	MP3B	Mx	-.023	5.33
13	MP3C	X	0	1.33
14	MP3C	Z	23.837	1.33
15	MP3C	Mx	.013	1.33
16	MP3C	X	0	5.33
17	MP3C	Z	23.837	5.33
18	MP3C	Mx	.013	5.33
19	MP3A	X	0	1.33
20	MP3A	Z	32.836	1.33
21	MP3A	Mx	-.016	1.33
22	MP3A	X	0	5.33
23	MP3A	Z	32.836	5.33
24	MP3A	Mx	-.016	5.33
25	MP3B	X	0	1.33
26	MP3B	Z	25.193	1.33
27	MP3B	Mx	-.01	1.33
28	MP3B	X	0	5.33
29	MP3B	Z	25.193	5.33
30	MP3B	Mx	-.01	5.33
31	MP3C	X	0	1.33
32	MP3C	Z	23.837	1.33
33	MP3C	Mx	.021	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP3C	X	0	5.33
35	MP3C	Z	23.837	5.33
36	MP3C	Mx	.021	5.33
37	MP4A	X	0	.33
38	MP4A	Z	37.063	.33
39	MP4A	Mx	0	.33
40	MP4A	X	0	4.67
41	MP4A	Z	37.063	4.67
42	MP4A	Mx	0	4.67
43	MP4B	X	0	.33
44	MP4B	Z	28.467	.33
45	MP4B	Mx	-.025	.33
46	MP4B	X	0	4.67
47	MP4B	Z	28.467	4.67
48	MP4B	Mx	-.025	4.67
49	MP4C	X	0	.33
50	MP4C	Z	26.942	.33
51	MP4C	Mx	.025	.33
52	MP4C	X	0	4.67
53	MP4C	Z	26.942	4.67
54	MP4C	Mx	.025	4.67
55	MP1A	X	0	1.33
56	MP1A	Z	19.375	1.33
57	MP1A	Mx	0	1.33
58	MP1A	X	0	3.33
59	MP1A	Z	19.375	3.33
60	MP1A	Mx	0	3.33
61	MP1B	X	0	1.33
62	MP1B	Z	11.033	1.33
63	MP1B	Mx	-.005	1.33
64	MP1B	X	0	3.33
65	MP1B	Z	11.033	3.33
66	MP1B	Mx	-.005	3.33
67	MP1C	X	0	1.33
68	MP1C	Z	9.554	1.33
69	MP1C	Mx	.004	1.33
70	MP1C	X	0	3.33
71	MP1C	Z	9.554	3.33
72	MP1C	Mx	.004	3.33
73	MP4A	X	0	2.5
74	MP4A	Z	16.329	2.5
75	MP4A	Mx	0	2.5
76	MP4B	X	0	2.5
77	MP4B	Z	12.601	2.5
78	MP4B	Mx	.004	2.5
79	MP4C	X	0	2.5
80	MP4C	Z	11.939	2.5
81	MP4C	Mx	-.004	2.5
82	MP3A	X	0	2.5
83	MP3A	Z	16.329	2.5
84	MP3A	Mx	0	2.5
85	MP3B	X	0	2.5
86	MP3B	Z	11.184	2.5
87	MP3B	Mx	.003	2.5
88	MP3C	X	0	2.5
89	MP3C	Z	10.271	2.5
90	MP3C	Mx	-.003	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	M100	X	0	1
92	M100	Z	22.114	1
93	M100	Mx	0	1
94	M98	X	0	1
95	M98	Z	30.75	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-15.144	1.33
2	MP3A	Z	26.231	1.33
3	MP3A	Mx	.024	1.33
4	MP3A	X	-15.144	5.33
5	MP3A	Z	26.231	5.33
6	MP3A	Mx	.024	5.33
7	MP3B	X	-11.323	1.33
8	MP3B	Z	19.611	1.33
9	MP3B	Mx	-.017	1.33
10	MP3B	X	-11.323	5.33
11	MP3B	Z	19.611	5.33
12	MP3B	Mx	-.017	5.33
13	MP3C	X	-14.313	1.33
14	MP3C	Z	24.791	1.33
15	MP3C	Mx	.003	1.33
16	MP3C	X	-14.313	5.33
17	MP3C	Z	24.791	5.33
18	MP3C	Mx	.003	5.33
19	MP3A	X	-15.144	1.33
20	MP3A	Z	26.231	1.33
21	MP3A	Mx	-.002	1.33
22	MP3A	X	-15.144	5.33
23	MP3A	Z	26.231	5.33
24	MP3A	Mx	-.002	5.33
25	MP3B	X	-11.323	1.33
26	MP3B	Z	19.611	1.33
27	MP3B	Mx	-.017	1.33
28	MP3B	X	-11.323	5.33
29	MP3B	Z	19.611	5.33
30	MP3B	Mx	-.017	5.33
31	MP3C	X	-14.313	1.33
32	MP3C	Z	24.791	1.33
33	MP3C	Mx	.025	1.33
34	MP3C	X	-14.313	5.33
35	MP3C	Z	24.791	5.33
36	MP3C	Mx	.025	5.33
37	MP4A	X	-17.099	.33
38	MP4A	Z	29.616	.33
39	MP4A	Mx	.017	.33
40	MP4A	X	-17.099	4.67
41	MP4A	Z	29.616	4.67
42	MP4A	Mx	.017	4.67
43	MP4B	X	-12.801	.33
44	MP4B	Z	22.172	.33
45	MP4B	Mx	-.026	.33
46	MP4B	X	-12.801	4.67
47	MP4B	Z	22.172	4.67

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP4B	Mx	-.026	4.67
49	MP4C	X	-16.164	.33
50	MP4C	Z	27.996	.33
51	MP4C	Mx	.021	.33
52	MP4C	X	-16.164	4.67
53	MP4C	Z	27.996	4.67
54	MP4C	Mx	.021	4.67
55	MP1A	X	-8.297	1.33
56	MP1A	Z	14.371	1.33
57	MP1A	Mx	.004	1.33
58	MP1A	X	-8.297	3.33
59	MP1A	Z	14.371	3.33
60	MP1A	Mx	.004	3.33
61	MP1B	X	-4.126	1.33
62	MP1B	Z	7.147	1.33
63	MP1B	Mx	-.004	1.33
64	MP1B	X	-4.126	3.33
65	MP1B	Z	7.147	3.33
66	MP1B	Mx	-.004	3.33
67	MP1C	X	-7.39	1.33
68	MP1C	Z	12.799	1.33
69	MP1C	Mx	.005	1.33
70	MP1C	X	-7.39	3.33
71	MP1C	Z	12.799	3.33
72	MP1C	Mx	.005	3.33
73	MP4A	X	-7.543	2.5
74	MP4A	Z	13.065	2.5
75	MP4A	Mx	-.003	2.5
76	MP4B	X	-5.679	2.5
77	MP4B	Z	9.836	2.5
78	MP4B	Mx	.004	2.5
79	MP4C	X	-7.137	2.5
80	MP4C	Z	12.362	2.5
81	MP4C	Mx	-.003	2.5
82	MP3A	X	-7.307	2.5
83	MP3A	Z	12.656	2.5
84	MP3A	Mx	-.002	2.5
85	MP3B	X	-4.734	2.5
86	MP3B	Z	8.2	2.5
87	MP3B	Mx	.003	2.5
88	MP3C	X	-6.747	2.5
89	MP3C	Z	11.686	2.5
90	MP3C	Mx	-.003	2.5
91	M100	X	-9.617	1
92	M100	Z	16.658	1
93	M100	Mx	0	1
94	M98	X	-13.936	1
95	M98	Z	24.137	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-21.818	1.33
2	MP3A	Z	12.597	1.33
3	MP3A	Mx	.023	1.33
4	MP3A	X	-21.818	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP3A	Z	12.597	5.33
6	MP3A	Mx	.023	5.33
7	MP3B	X	-21.818	1.33
8	MP3B	Z	12.597	1.33
9	MP3B	Mx	-.01	1.33
10	MP3B	X	-21.818	5.33
11	MP3B	Z	12.597	5.33
12	MP3B	Mx	-.01	5.33
13	MP3C	X	-28.171	1.33
14	MP3C	Z	16.265	1.33
15	MP3C	Mx	-.012	1.33
16	MP3C	X	-28.171	5.33
17	MP3C	Z	16.265	5.33
18	MP3C	Mx	-.012	5.33
19	MP3A	X	-21.818	1.33
20	MP3A	Z	12.597	1.33
21	MP3A	Mx	.01	1.33
22	MP3A	X	-21.818	5.33
23	MP3A	Z	12.597	5.33
24	MP3A	Mx	.01	5.33
25	MP3B	X	-21.818	1.33
26	MP3B	Z	12.597	1.33
27	MP3B	Mx	-.023	1.33
28	MP3B	X	-21.818	5.33
29	MP3B	Z	12.597	5.33
30	MP3B	Mx	-.023	5.33
31	MP3C	X	-28.171	1.33
32	MP3C	Z	16.265	1.33
33	MP3C	Mx	.02	1.33
34	MP3C	X	-28.171	5.33
35	MP3C	Z	16.265	5.33
36	MP3C	Mx	.02	5.33
37	MP4A	X	-24.653	.33
38	MP4A	Z	14.233	.33
39	MP4A	Mx	.025	.33
40	MP4A	X	-24.653	4.67
41	MP4A	Z	14.233	4.67
42	MP4A	Mx	.025	4.67
43	MP4B	X	-24.653	.33
44	MP4B	Z	14.233	.33
45	MP4B	Mx	-.025	.33
46	MP4B	X	-24.653	4.67
47	MP4B	Z	14.233	4.67
48	MP4B	Mx	-.025	4.67
49	MP4C	X	-31.798	.33
50	MP4C	Z	18.359	.33
51	MP4C	Mx	.006	.33
52	MP4C	X	-31.798	4.67
53	MP4C	Z	18.359	4.67
54	MP4C	Mx	.006	4.67
55	MP1A	X	-9.555	1.33
56	MP1A	Z	5.517	1.33
57	MP1A	Mx	.005	1.33
58	MP1A	X	-9.555	3.33
59	MP1A	Z	5.517	3.33
60	MP1A	Mx	.005	3.33
61	MP1B	X	-9.555	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP1B	Z	5.517	1.33
63	MP1B	Mx	-.005	1.33
64	MP1B	X	-9.555	3.33
65	MP1B	Z	5.517	3.33
66	MP1B	Mx	-.005	3.33
67	MP1C	X	-16.489	1.33
68	MP1C	Z	9.52	1.33
69	MP1C	Mx	.002	1.33
70	MP1C	X	-16.489	3.33
71	MP1C	Z	9.52	3.33
72	MP1C	Mx	.002	3.33
73	MP4A	X	-10.912	2.5
74	MP4A	Z	6.3	2.5
75	MP4A	Mx	-.004	2.5
76	MP4B	X	-10.912	2.5
77	MP4B	Z	6.3	2.5
78	MP4B	Mx	.004	2.5
79	MP4C	X	-14.011	2.5
80	MP4C	Z	8.089	2.5
81	MP4C	Mx	-.000936	2.5
82	MP3A	X	-9.685	2.5
83	MP3A	Z	5.592	2.5
84	MP3A	Mx	-.003	2.5
85	MP3B	X	-9.685	2.5
86	MP3B	Z	5.592	2.5
87	MP3B	Mx	.003	2.5
88	MP3C	X	-13.962	2.5
89	MP3C	Z	8.061	2.5
90	MP3C	Mx	-.000933	2.5
91	M100	X	-19.151	1
92	M100	Z	11.057	1
93	M100	Mx	0	1
94	M98	X	-19.151	1
95	M98	Z	11.057	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-22.645	1.33
2	MP3A	Z	0	1.33
3	MP3A	Mx	.017	1.33
4	MP3A	X	-22.645	5.33
5	MP3A	Z	0	5.33
6	MP3A	Mx	.017	5.33
7	MP3B	X	-30.289	1.33
8	MP3B	Z	0	1.33
9	MP3B	Mx	.002	1.33
10	MP3B	X	-30.289	5.33
11	MP3B	Z	0	5.33
12	MP3B	Mx	.002	5.33
13	MP3C	X	-31.644	1.33
14	MP3C	Z	0	1.33
15	MP3C	Mx	-.023	1.33
16	MP3C	X	-31.644	5.33
17	MP3C	Z	0	5.33
18	MP3C	Mx	-.023	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	MP3A	X	-22.645	1.33
20	MP3A	Z	0	1.33
21	MP3A	Mx	.017	1.33
22	MP3A	X	-22.645	5.33
23	MP3A	Z	0	5.33
24	MP3A	Mx	.017	5.33
25	MP3B	X	-30.289	1.33
26	MP3B	Z	0	1.33
27	MP3B	Mx	-.024	1.33
28	MP3B	X	-30.289	5.33
29	MP3B	Z	0	5.33
30	MP3B	Mx	-.024	5.33
31	MP3C	X	-31.644	1.33
32	MP3C	Z	0	1.33
33	MP3C	Mx	.007	1.33
34	MP3C	X	-31.644	5.33
35	MP3C	Z	0	5.33
36	MP3C	Mx	.007	5.33
37	MP4A	X	-25.602	.33
38	MP4A	Z	0	.33
39	MP4A	Mx	.026	.33
40	MP4A	X	-25.602	4.67
41	MP4A	Z	0	4.67
42	MP4A	Mx	.026	4.67
43	MP4B	X	-34.198	.33
44	MP4B	Z	0	.33
45	MP4B	Mx	-.017	.33
46	MP4B	X	-34.198	4.67
47	MP4B	Z	0	4.67
48	MP4B	Mx	-.017	4.67
49	MP4C	X	-35.722	.33
50	MP4C	Z	0	.33
51	MP4C	Mx	-.012	.33
52	MP4C	X	-35.722	4.67
53	MP4C	Z	0	4.67
54	MP4C	Mx	-.012	4.67
55	MP1A	X	-8.252	1.33
56	MP1A	Z	0	1.33
57	MP1A	Mx	.004	1.33
58	MP1A	X	-8.252	3.33
59	MP1A	Z	0	3.33
60	MP1A	Mx	.004	3.33
61	MP1B	X	-16.594	1.33
62	MP1B	Z	0	1.33
63	MP1B	Mx	-.004	1.33
64	MP1B	X	-16.594	3.33
65	MP1B	Z	0	3.33
66	MP1B	Mx	-.004	3.33
67	MP1C	X	-18.074	1.33
68	MP1C	Z	0	1.33
69	MP1C	Mx	-.003	1.33
70	MP1C	X	-18.074	3.33
71	MP1C	Z	0	3.33
72	MP1C	Mx	-.003	3.33
73	MP4A	X	-11.358	2.5
74	MP4A	Z	0	2.5
75	MP4A	Mx	-.004	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP4B	X	-15.086	2.5
77	MP4B	Z	0	2.5
78	MP4B	Mx	.003	2.5
79	MP4C	X	-15.747	2.5
80	MP4C	Z	0	2.5
81	MP4C	Mx	.002	2.5
82	MP3A	X	-9.469	2.5
83	MP3A	Z	0	2.5
84	MP3A	Mx	-.003	2.5
85	MP3B	X	-14.614	2.5
86	MP3B	Z	0	2.5
87	MP3B	Mx	.002	2.5
88	MP3C	X	-15.526	2.5
89	MP3C	Z	0	2.5
90	MP3C	Mx	.002	2.5
91	M100	X	-27.871	1
92	M100	Z	0	1
93	M100	Mx	0	1
94	M98	X	-19.235	1
95	M98	Z	0	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-21.818	1.33
2	MP3A	Z	-12.597	1.33
3	MP3A	Mx	.01	1.33
4	MP3A	X	-21.818	5.33
5	MP3A	Z	-12.597	5.33
6	MP3A	Mx	.01	5.33
7	MP3B	X	-28.437	1.33
8	MP3B	Z	-16.418	1.33
9	MP3B	Mx	.016	1.33
10	MP3B	X	-28.437	5.33
11	MP3B	Z	-16.418	5.33
12	MP3B	Mx	.016	5.33
13	MP3C	X	-23.258	1.33
14	MP3C	Z	-13.428	1.33
15	MP3C	Mx	-.024	1.33
16	MP3C	X	-23.258	5.33
17	MP3C	Z	-13.428	5.33
18	MP3C	Mx	-.024	5.33
19	MP3A	X	-21.818	1.33
20	MP3A	Z	-12.597	1.33
21	MP3A	Mx	.023	1.33
22	MP3A	X	-21.818	5.33
23	MP3A	Z	-12.597	5.33
24	MP3A	Mx	.023	5.33
25	MP3B	X	-28.437	1.33
26	MP3B	Z	-16.418	1.33
27	MP3B	Mx	-.016	1.33
28	MP3B	X	-28.437	5.33
29	MP3B	Z	-16.418	5.33
30	MP3B	Mx	-.016	5.33
31	MP3C	X	-23.258	1.33
32	MP3C	Z	-13.428	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP3C	Mx	-.007	1.33
34	MP3C	X	-23.258	5.33
35	MP3C	Z	-13.428	5.33
36	MP3C	Mx	-.007	5.33
37	MP4A	X	-24.653	.33
38	MP4A	Z	-14.233	.33
39	MP4A	Mx	.025	.33
40	MP4A	X	-24.653	4.67
41	MP4A	Z	-14.233	4.67
42	MP4A	Mx	.025	4.67
43	MP4B	X	-32.097	.33
44	MP4B	Z	-18.531	.33
45	MP4B	Mx	0	.33
46	MP4B	X	-32.097	4.67
47	MP4B	Z	-18.531	4.67
48	MP4B	Mx	0	4.67
49	MP4C	X	-26.273	.33
50	MP4C	Z	-15.169	.33
51	MP4C	Mx	-.023	.33
52	MP4C	X	-26.273	4.67
53	MP4C	Z	-15.169	4.67
54	MP4C	Mx	-.023	4.67
55	MP1A	X	-9.555	1.33
56	MP1A	Z	-5.517	1.33
57	MP1A	Mx	.005	1.33
58	MP1A	X	-9.555	3.33
59	MP1A	Z	-5.517	3.33
60	MP1A	Mx	.005	3.33
61	MP1B	X	-16.779	1.33
62	MP1B	Z	-9.688	1.33
63	MP1B	Mx	0	1.33
64	MP1B	X	-16.779	3.33
65	MP1B	Z	-9.688	3.33
66	MP1B	Mx	0	3.33
67	MP1C	X	-11.127	1.33
68	MP1C	Z	-6.424	1.33
69	MP1C	Mx	-.005	1.33
70	MP1C	X	-11.127	3.33
71	MP1C	Z	-6.424	3.33
72	MP1C	Mx	-.005	3.33
73	MP4A	X	-10.912	2.5
74	MP4A	Z	-6.3	2.5
75	MP4A	Mx	-.004	2.5
76	MP4B	X	-14.141	2.5
77	MP4B	Z	-8.164	2.5
78	MP4B	Mx	0	2.5
79	MP4C	X	-11.615	2.5
80	MP4C	Z	-6.706	2.5
81	MP4C	Mx	.003	2.5
82	MP3A	X	-9.685	2.5
83	MP3A	Z	-5.592	2.5
84	MP3A	Mx	-.003	2.5
85	MP3B	X	-14.141	2.5
86	MP3B	Z	-8.164	2.5
87	MP3B	Mx	0	2.5
88	MP3C	X	-10.655	2.5
89	MP3C	Z	-6.152	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP3C	Mx	.003	2.5
91	M100	X	-26.63	1
92	M100	Z	-15.375	1
93	M100	Mx	0	1
94	M98	X	-19.151	1
95	M98	Z	-11.057	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-15.144	1.33
2	MP3A	Z	-26.231	1.33
3	MP3A	Mx	-.002	1.33
4	MP3A	X	-15.144	5.33
5	MP3A	Z	-26.231	5.33
6	MP3A	Mx	-.002	5.33
7	MP3B	X	-15.144	1.33
8	MP3B	Z	-26.231	1.33
9	MP3B	Mx	.024	1.33
10	MP3B	X	-15.144	5.33
11	MP3B	Z	-26.231	5.33
12	MP3B	Mx	.024	5.33
13	MP3C	X	-11.476	1.33
14	MP3C	Z	-19.878	1.33
15	MP3C	Mx	-.019	1.33
16	MP3C	X	-11.476	5.33
17	MP3C	Z	-19.878	5.33
18	MP3C	Mx	-.019	5.33
19	MP3A	X	-15.144	1.33
20	MP3A	Z	-26.231	1.33
21	MP3A	Mx	.024	1.33
22	MP3A	X	-15.144	5.33
23	MP3A	Z	-26.231	5.33
24	MP3A	Mx	.024	5.33
25	MP3B	X	-15.144	1.33
26	MP3B	Z	-26.231	1.33
27	MP3B	Mx	-.002	1.33
28	MP3B	X	-15.144	5.33
29	MP3B	Z	-26.231	5.33
30	MP3B	Mx	-.002	5.33
31	MP3C	X	-11.476	1.33
32	MP3C	Z	-19.878	1.33
33	MP3C	Mx	-.015	1.33
34	MP3C	X	-11.476	5.33
35	MP3C	Z	-19.878	5.33
36	MP3C	Mx	-.015	5.33
37	MP4A	X	-17.099	.33
38	MP4A	Z	-29.616	.33
39	MP4A	Mx	.017	.33
40	MP4A	X	-17.099	4.67
41	MP4A	Z	-29.616	4.67
42	MP4A	Mx	.017	4.67
43	MP4B	X	-17.099	.33
44	MP4B	Z	-29.616	.33
45	MP4B	Mx	.017	.33
46	MP4B	X	-17.099	4.67

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP4B	Z	-29.616	4.67
48	MP4B	Mx	.017	4.67
49	MP4C	X	-12.974	.33
50	MP4C	Z	-22.471	.33
51	MP4C	Mx	-.026	.33
52	MP4C	X	-12.974	4.67
53	MP4C	Z	-22.471	4.67
54	MP4C	Mx	-.026	4.67
55	MP1A	X	-8.297	1.33
56	MP1A	Z	-14.371	1.33
57	MP1A	Mx	.004	1.33
58	MP1A	X	-8.297	3.33
59	MP1A	Z	-14.371	3.33
60	MP1A	Mx	.004	3.33
61	MP1B	X	-8.297	1.33
62	MP1B	Z	-14.371	1.33
63	MP1B	Mx	.004	1.33
64	MP1B	X	-8.297	3.33
65	MP1B	Z	-14.371	3.33
66	MP1B	Mx	.004	3.33
67	MP1C	X	-4.294	1.33
68	MP1C	Z	-7.437	1.33
69	MP1C	Mx	-.004	1.33
70	MP1C	X	-4.294	3.33
71	MP1C	Z	-7.437	3.33
72	MP1C	Mx	-.004	3.33
73	MP4A	X	-7.543	2.5
74	MP4A	Z	-13.065	2.5
75	MP4A	Mx	-.003	2.5
76	MP4B	X	-7.543	2.5
77	MP4B	Z	-13.065	2.5
78	MP4B	Mx	-.003	2.5
79	MP4C	X	-5.754	2.5
80	MP4C	Z	-9.966	2.5
81	MP4C	Mx	.004	2.5
82	MP3A	X	-7.307	2.5
83	MP3A	Z	-12.656	2.5
84	MP3A	Mx	-.002	2.5
85	MP3B	X	-7.307	2.5
86	MP3B	Z	-12.656	2.5
87	MP3B	Mx	-.002	2.5
88	MP3C	X	-4.838	2.5
89	MP3C	Z	-8.379	2.5
90	MP3C	Mx	.003	2.5
91	M100	X	-13.936	1
92	M100	Z	-24.137	1
93	M100	Mx	0	1
94	M98	X	-13.936	1
95	M98	Z	-24.137	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1.33
2	MP3A	Z	-10.721	1.33
3	MP3A	Mx	-.005	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP3A	X	0	5.33
5	MP3A	Z	-10.721	5.33
6	MP3A	Mx	-.005	5.33
7	MP3B	X	0	1.33
8	MP3B	Z	-7.997	1.33
9	MP3B	Mx	.007	1.33
10	MP3B	X	0	5.33
11	MP3B	Z	-7.997	5.33
12	MP3B	Mx	.007	5.33
13	MP3C	X	0	1.33
14	MP3C	Z	-7.514	1.33
15	MP3C	Mx	-.004	1.33
16	MP3C	X	0	5.33
17	MP3C	Z	-7.514	5.33
18	MP3C	Mx	-.004	5.33
19	MP3A	X	0	1.33
20	MP3A	Z	-10.721	1.33
21	MP3A	Mx	.005	1.33
22	MP3A	X	0	5.33
23	MP3A	Z	-10.721	5.33
24	MP3A	Mx	.005	5.33
25	MP3B	X	0	1.33
26	MP3B	Z	-7.997	1.33
27	MP3B	Mx	.003	1.33
28	MP3B	X	0	5.33
29	MP3B	Z	-7.997	5.33
30	MP3B	Mx	.003	5.33
31	MP3C	X	0	1.33
32	MP3C	Z	-7.514	1.33
33	MP3C	Mx	-.007	1.33
34	MP3C	X	0	5.33
35	MP3C	Z	-7.514	5.33
36	MP3C	Mx	-.007	5.33
37	MP4A	X	0	.33
38	MP4A	Z	-12.126	.33
39	MP4A	Mx	0	.33
40	MP4A	X	0	4.67
41	MP4A	Z	-12.126	4.67
42	MP4A	Mx	0	4.67
43	MP4B	X	0	.33
44	MP4B	Z	-9.082	.33
45	MP4B	Mx	.008	.33
46	MP4B	X	0	4.67
47	MP4B	Z	-9.082	4.67
48	MP4B	Mx	.008	4.67
49	MP4C	X	0	.33
50	MP4C	Z	-8.542	.33
51	MP4C	Mx	-.008	.33
52	MP4C	X	0	4.67
53	MP4C	Z	-8.542	4.67
54	MP4C	Mx	-.008	4.67
55	MP1A	X	0	1.33
56	MP1A	Z	-6.175	1.33
57	MP1A	Mx	0	1.33
58	MP1A	X	0	3.33
59	MP1A	Z	-6.175	3.33
60	MP1A	Mx	0	3.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP1B	X	0	1.33
62	MP1B	Z	-3.357	1.33
63	MP1B	Mx	.001	1.33
64	MP1B	X	0	3.33
65	MP1B	Z	-3.357	3.33
66	MP1B	Mx	.001	3.33
67	MP1C	X	0	1.33
68	MP1C	Z	-2.857	1.33
69	MP1C	Mx	-.001	1.33
70	MP1C	X	0	3.33
71	MP1C	Z	-2.857	3.33
72	MP1C	Mx	-.001	3.33
73	MP4A	X	0	2.5
74	MP4A	Z	-4.914	2.5
75	MP4A	Mx	0	2.5
76	MP4B	X	0	2.5
77	MP4B	Z	-3.692	2.5
78	MP4B	Mx	-.001	2.5
79	MP4C	X	0	2.5
80	MP4C	Z	-3.475	2.5
81	MP4C	Mx	.001	2.5
82	MP3A	X	0	2.5
83	MP3A	Z	-4.914	2.5
84	MP3A	Mx	0	2.5
85	MP3B	X	0	2.5
86	MP3B	Z	-3.224	2.5
87	MP3B	Mx	-.000931	2.5
88	MP3C	X	0	2.5
89	MP3C	Z	-2.924	2.5
90	MP3C	Mx	.000916	2.5
91	M100	X	0	1
92	M100	Z	-6.784	1
93	M100	Mx	0	1
94	M98	X	0	1
95	M98	Z	-9.748	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	4.906	1.33
2	MP3A	Z	-8.498	1.33
3	MP3A	Mx	-.008	1.33
4	MP3A	X	4.906	5.33
5	MP3A	Z	-8.498	5.33
6	MP3A	Mx	-.008	5.33
7	MP3B	X	3.545	1.33
8	MP3B	Z	-6.14	1.33
9	MP3B	Mx	.005	1.33
10	MP3B	X	3.545	5.33
11	MP3B	Z	-6.14	5.33
12	MP3B	Mx	.005	5.33
13	MP3C	X	4.61	1.33
14	MP3C	Z	-7.985	1.33
15	MP3C	Mx	-.000914	1.33
16	MP3C	X	4.61	5.33
17	MP3C	Z	-7.985	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP3C	Mx	-.000914	5.33
19	MP3A	X	4.906	1.33
20	MP3A	Z	-8.498	1.33
21	MP3A	Mx	.00057	1.33
22	MP3A	X	4.906	5.33
23	MP3A	Z	-8.498	5.33
24	MP3A	Mx	.00057	5.33
25	MP3B	X	3.545	1.33
26	MP3B	Z	-6.14	1.33
27	MP3B	Mx	.005	1.33
28	MP3B	X	3.545	5.33
29	MP3B	Z	-6.14	5.33
30	MP3B	Mx	.005	5.33
31	MP3C	X	4.61	1.33
32	MP3C	Z	-7.985	1.33
33	MP3C	Mx	-.008	1.33
34	MP3C	X	4.61	5.33
35	MP3C	Z	-7.985	5.33
36	MP3C	Mx	-.008	5.33
37	MP4A	X	5.556	.33
38	MP4A	Z	-9.623	.33
39	MP4A	Mx	-.006	.33
40	MP4A	X	5.556	4.67
41	MP4A	Z	-9.623	4.67
42	MP4A	Mx	-.006	4.67
43	MP4B	X	4.034	.33
44	MP4B	Z	-6.986	.33
45	MP4B	Mx	.008	.33
46	MP4B	X	4.034	4.67
47	MP4B	Z	-6.986	4.67
48	MP4B	Mx	.008	4.67
49	MP4C	X	5.225	.33
50	MP4C	Z	-9.049	.33
51	MP4C	Mx	-.007	.33
52	MP4C	X	5.225	4.67
53	MP4C	Z	-9.049	4.67
54	MP4C	Mx	-.007	4.67
55	MP1A	X	2.618	1.33
56	MP1A	Z	-4.534	1.33
57	MP1A	Mx	-.001	1.33
58	MP1A	X	2.618	3.33
59	MP1A	Z	-4.534	3.33
60	MP1A	Mx	-.001	3.33
61	MP1B	X	1.209	1.33
62	MP1B	Z	-2.094	1.33
63	MP1B	Mx	.001	1.33
64	MP1B	X	1.209	3.33
65	MP1B	Z	-2.094	3.33
66	MP1B	Mx	.001	3.33
67	MP1C	X	2.311	1.33
68	MP1C	Z	-4.003	1.33
69	MP1C	Mx	-.001	1.33
70	MP1C	X	2.311	3.33
71	MP1C	Z	-4.003	3.33
72	MP1C	Mx	-.001	3.33
73	MP4A	X	2.253	2.5
74	MP4A	Z	-3.903	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP4A	Mx	.000751	2.5
76	MP4B	X	1.642	2.5
77	MP4B	Z	-2.844	2.5
78	MP4B	Mx	-.001	2.5
79	MP4C	X	2.12	2.5
80	MP4C	Z	-3.672	2.5
81	MP4C	Mx	.000908	2.5
82	MP3A	X	2.175	2.5
83	MP3A	Z	-3.768	2.5
84	MP3A	Mx	.000725	2.5
85	MP3B	X	1.33	2.5
86	MP3B	Z	-2.304	2.5
87	MP3B	Mx	-.000887	2.5
88	MP3C	X	1.991	2.5
89	MP3C	Z	-3.449	2.5
90	MP3C	Mx	.000853	2.5
91	M100	X	2.898	1
92	M100	Z	-5.02	1
93	M100	Mx	0	1
94	M98	X	4.38	1
95	M98	Z	-7.587	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	6.926	1.33
2	MP3A	Z	-3.999	1.33
3	MP3A	Mx	-.007	1.33
4	MP3A	X	6.926	5.33
5	MP3A	Z	-3.999	5.33
6	MP3A	Mx	-.007	5.33
7	MP3B	X	6.926	1.33
8	MP3B	Z	-3.999	1.33
9	MP3B	Mx	.003	1.33
10	MP3B	X	6.926	5.33
11	MP3B	Z	-3.999	5.33
12	MP3B	Mx	.003	5.33
13	MP3C	X	9.19	1.33
14	MP3C	Z	-5.306	1.33
15	MP3C	Mx	.004	1.33
16	MP3C	X	9.19	5.33
17	MP3C	Z	-5.306	5.33
18	MP3C	Mx	.004	5.33
19	MP3A	X	6.926	1.33
20	MP3A	Z	-3.999	1.33
21	MP3A	Mx	-.003	1.33
22	MP3A	X	6.926	5.33
23	MP3A	Z	-3.999	5.33
24	MP3A	Mx	-.003	5.33
25	MP3B	X	6.926	1.33
26	MP3B	Z	-3.999	1.33
27	MP3B	Mx	.007	1.33
28	MP3B	X	6.926	5.33
29	MP3B	Z	-3.999	5.33
30	MP3B	Mx	.007	5.33
31	MP3C	X	9.19	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
32	MP3C	Z	-5.306	1.33
33	MP3C	Mx	-.007	1.33
34	MP3C	X	9.19	5.33
35	MP3C	Z	-5.306	5.33
36	MP3C	Mx	-.007	5.33
37	MP4A	X	7.865	.33
38	MP4A	Z	-4.541	.33
39	MP4A	Mx	-.008	.33
40	MP4A	X	7.865	4.67
41	MP4A	Z	-4.541	4.67
42	MP4A	Mx	-.008	4.67
43	MP4B	X	7.865	.33
44	MP4B	Z	-4.541	.33
45	MP4B	Mx	.008	.33
46	MP4B	X	7.865	4.67
47	MP4B	Z	-4.541	4.67
48	MP4B	Mx	.008	4.67
49	MP4C	X	10.396	.33
50	MP4C	Z	-6.002	.33
51	MP4C	Mx	-.002	.33
52	MP4C	X	10.396	4.67
53	MP4C	Z	-6.002	4.67
54	MP4C	Mx	-.002	4.67
55	MP1A	X	2.907	1.33
56	MP1A	Z	-1.678	1.33
57	MP1A	Mx	-.001	1.33
58	MP1A	X	2.907	3.33
59	MP1A	Z	-1.678	3.33
60	MP1A	Mx	-.001	3.33
61	MP1B	X	2.907	1.33
62	MP1B	Z	-1.678	1.33
63	MP1B	Mx	.001	1.33
64	MP1B	X	2.907	3.33
65	MP1B	Z	-1.678	3.33
66	MP1B	Mx	.001	3.33
67	MP1C	X	5.25	1.33
68	MP1C	Z	-3.031	1.33
69	MP1C	Mx	-.000526	1.33
70	MP1C	X	5.25	3.33
71	MP1C	Z	-3.031	3.33
72	MP1C	Mx	-.000526	3.33
73	MP4A	X	3.197	2.5
74	MP4A	Z	-1.846	2.5
75	MP4A	Mx	.001	2.5
76	MP4B	X	3.197	2.5
77	MP4B	Z	-1.846	2.5
78	MP4B	Mx	-.001	2.5
79	MP4C	X	4.213	2.5
80	MP4C	Z	-2.432	2.5
81	MP4C	Mx	.000281	2.5
82	MP3A	X	2.792	2.5
83	MP3A	Z	-1.612	2.5
84	MP3A	Mx	.000931	2.5
85	MP3B	X	2.792	2.5
86	MP3B	Z	-1.612	2.5
87	MP3B	Mx	-.000931	2.5
88	MP3C	X	4.197	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP3C	Z	-2.423	2.5
90	MP3C	Mx	.00028	2.5
91	M100	X	5.875	1
92	M100	Z	-3.392	1
93	M100	Mx	0	1
94	M98	X	5.875	1
95	M98	Z	-3.392	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	7.09	1.33
2	MP3A	Z	0	1.33
3	MP3A	Mx	-.005	1.33
4	MP3A	X	7.09	5.33
5	MP3A	Z	0	5.33
6	MP3A	Mx	-.005	5.33
7	MP3B	X	9.813	1.33
8	MP3B	Z	0	1.33
9	MP3B	Mx	-.000569	1.33
10	MP3B	X	9.813	5.33
11	MP3B	Z	0	5.33
12	MP3B	Mx	-.000569	5.33
13	MP3C	X	10.296	1.33
14	MP3C	Z	0	1.33
15	MP3C	Mx	.007	1.33
16	MP3C	X	10.296	5.33
17	MP3C	Z	0	5.33
18	MP3C	Mx	.007	5.33
19	MP3A	X	7.09	1.33
20	MP3A	Z	0	1.33
21	MP3A	Mx	-.005	1.33
22	MP3A	X	7.09	5.33
23	MP3A	Z	0	5.33
24	MP3A	Mx	-.005	5.33
25	MP3B	X	9.813	1.33
26	MP3B	Z	0	1.33
27	MP3B	Mx	.008	1.33
28	MP3B	X	9.813	5.33
29	MP3B	Z	0	5.33
30	MP3B	Mx	.008	5.33
31	MP3C	X	10.296	1.33
32	MP3C	Z	0	1.33
33	MP3C	Mx	-.002	1.33
34	MP3C	X	10.296	5.33
35	MP3C	Z	0	5.33
36	MP3C	Mx	-.002	5.33
37	MP4A	X	8.067	.33
38	MP4A	Z	0	.33
39	MP4A	Mx	-.008	.33
40	MP4A	X	8.067	4.67
41	MP4A	Z	0	4.67
42	MP4A	Mx	-.008	4.67
43	MP4B	X	11.112	.33
44	MP4B	Z	0	.33
45	MP4B	Mx	.006	.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP4B	X	11.112	4.67
47	MP4B	Z	0	4.67
48	MP4B	Mx	.006	4.67
49	MP4C	X	11.652	.33
50	MP4C	Z	0	.33
51	MP4C	Mx	.004	.33
52	MP4C	X	11.652	4.67
53	MP4C	Z	0	4.67
54	MP4C	Mx	.004	4.67
55	MP1A	X	2.417	1.33
56	MP1A	Z	0	1.33
57	MP1A	Mx	-.001	1.33
58	MP1A	X	2.417	3.33
59	MP1A	Z	0	3.33
60	MP1A	Mx	-.001	3.33
61	MP1B	X	5.236	1.33
62	MP1B	Z	0	1.33
63	MP1B	Mx	.001	1.33
64	MP1B	X	5.236	3.33
65	MP1B	Z	0	3.33
66	MP1B	Mx	.001	3.33
67	MP1C	X	5.735	1.33
68	MP1C	Z	0	1.33
69	MP1C	Mx	.000981	1.33
70	MP1C	X	5.735	3.33
71	MP1C	Z	0	3.33
72	MP1C	Mx	.000981	3.33
73	MP4A	X	3.285	2.5
74	MP4A	Z	0	2.5
75	MP4A	Mx	.001	2.5
76	MP4B	X	4.506	2.5
77	MP4B	Z	0	2.5
78	MP4B	Mx	-.000751	2.5
79	MP4C	X	4.723	2.5
80	MP4C	Z	0	2.5
81	MP4C	Mx	-.000538	2.5
82	MP3A	X	2.66	2.5
83	MP3A	Z	0	2.5
84	MP3A	Mx	.000887	2.5
85	MP3B	X	4.35	2.5
86	MP3B	Z	0	2.5
87	MP3B	Mx	-.000725	2.5
88	MP3C	X	4.65	2.5
89	MP3C	Z	0	2.5
90	MP3C	Mx	-.00053	2.5
91	M100	X	8.76	1
92	M100	Z	0	1
93	M100	Mx	0	1
94	M98	X	5.796	1
95	M98	Z	0	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	6.926	1.33
2	MP3A	Z	3.999	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP3A	Mx	-.003	1.33
4	MP3A	X	6.926	5.33
5	MP3A	Z	3.999	5.33
6	MP3A	Mx	-.003	5.33
7	MP3B	X	9.284	1.33
8	MP3B	Z	5.36	1.33
9	MP3B	Mx	-.005	1.33
10	MP3B	X	9.284	5.33
11	MP3B	Z	5.36	5.33
12	MP3B	Mx	-.005	5.33
13	MP3C	X	7.439	1.33
14	MP3C	Z	4.295	1.33
15	MP3C	Mx	.008	1.33
16	MP3C	X	7.439	5.33
17	MP3C	Z	4.295	5.33
18	MP3C	Mx	.008	5.33
19	MP3A	X	6.926	1.33
20	MP3A	Z	3.999	1.33
21	MP3A	Mx	-.007	1.33
22	MP3A	X	6.926	5.33
23	MP3A	Z	3.999	5.33
24	MP3A	Mx	-.007	5.33
25	MP3B	X	9.284	1.33
26	MP3B	Z	5.36	1.33
27	MP3B	Mx	.005	1.33
28	MP3B	X	9.284	5.33
29	MP3B	Z	5.36	5.33
30	MP3B	Mx	.005	5.33
31	MP3C	X	7.439	1.33
32	MP3C	Z	4.295	1.33
33	MP3C	Mx	.002	1.33
34	MP3C	X	7.439	5.33
35	MP3C	Z	4.295	5.33
36	MP3C	Mx	.002	5.33
37	MP4A	X	7.865	.33
38	MP4A	Z	4.541	.33
39	MP4A	Mx	-.008	.33
40	MP4A	X	7.865	4.67
41	MP4A	Z	4.541	4.67
42	MP4A	Mx	-.008	4.67
43	MP4B	X	10.502	.33
44	MP4B	Z	6.063	.33
45	MP4B	Mx	0	.33
46	MP4B	X	10.502	4.67
47	MP4B	Z	6.063	4.67
48	MP4B	Mx	0	4.67
49	MP4C	X	8.439	.33
50	MP4C	Z	4.872	.33
51	MP4C	Mx	.007	.33
52	MP4C	X	8.439	4.67
53	MP4C	Z	4.872	4.67
54	MP4C	Mx	.007	4.67
55	MP1A	X	2.907	1.33
56	MP1A	Z	1.678	1.33
57	MP1A	Mx	-.001	1.33
58	MP1A	X	2.907	3.33
59	MP1A	Z	1.678	3.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1A	Mx	-.001	3.33
61	MP1B	X	5.348	1.33
62	MP1B	Z	3.087	1.33
63	MP1B	Mx	0	1.33
64	MP1B	X	5.348	3.33
65	MP1B	Z	3.087	3.33
66	MP1B	Mx	0	3.33
67	MP1C	X	3.438	1.33
68	MP1C	Z	1.985	1.33
69	MP1C	Mx	.002	1.33
70	MP1C	X	3.438	3.33
71	MP1C	Z	1.985	3.33
72	MP1C	Mx	.002	3.33
73	MP4A	X	3.197	2.5
74	MP4A	Z	1.846	2.5
75	MP4A	Mx	.001	2.5
76	MP4B	X	4.255	2.5
77	MP4B	Z	2.457	2.5
78	MP4B	Mx	0	2.5
79	MP4C	X	3.427	2.5
80	MP4C	Z	1.979	2.5
81	MP4C	Mx	-.001	2.5
82	MP3A	X	2.792	2.5
83	MP3A	Z	1.612	2.5
84	MP3A	Mx	.000931	2.5
85	MP3B	X	4.255	2.5
86	MP3B	Z	2.457	2.5
87	MP3B	Mx	0	2.5
88	MP3C	X	3.11	2.5
89	MP3C	Z	1.796	2.5
90	MP3C	Mx	-.000917	2.5
91	M100	X	8.442	1
92	M100	Z	4.874	1
93	M100	Mx	0	1
94	M98	X	5.875	1
95	M98	Z	3.392	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	4.906	1.33
2	MP3A	Z	8.498	1.33
3	MP3A	Mx	.00057	1.33
4	MP3A	X	4.906	5.33
5	MP3A	Z	8.498	5.33
6	MP3A	Mx	.00057	5.33
7	MP3B	X	4.906	1.33
8	MP3B	Z	8.498	1.33
9	MP3B	Mx	-.008	1.33
10	MP3B	X	4.906	5.33
11	MP3B	Z	8.498	5.33
12	MP3B	Mx	-.008	5.33
13	MP3C	X	3.6	1.33
14	MP3C	Z	6.235	1.33
15	MP3C	Mx	.006	1.33
16	MP3C	X	3.6	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP3C	Z	6.235	5.33
18	MP3C	Mx	.006	5.33
19	MP3A	X	4.906	1.33
20	MP3A	Z	8.498	1.33
21	MP3A	Mx	-.008	1.33
22	MP3A	X	4.906	5.33
23	MP3A	Z	8.498	5.33
24	MP3A	Mx	-.008	5.33
25	MP3B	X	4.906	1.33
26	MP3B	Z	8.498	1.33
27	MP3B	Mx	.000569	1.33
28	MP3B	X	4.906	5.33
29	MP3B	Z	8.498	5.33
30	MP3B	Mx	.000569	5.33
31	MP3C	X	3.6	1.33
32	MP3C	Z	6.235	1.33
33	MP3C	Mx	.005	1.33
34	MP3C	X	3.6	5.33
35	MP3C	Z	6.235	5.33
36	MP3C	Mx	.005	5.33
37	MP4A	X	5.556	.33
38	MP4A	Z	9.623	.33
39	MP4A	Mx	-.006	.33
40	MP4A	X	5.556	4.67
41	MP4A	Z	9.623	4.67
42	MP4A	Mx	-.006	4.67
43	MP4B	X	5.556	.33
44	MP4B	Z	9.623	.33
45	MP4B	Mx	-.006	.33
46	MP4B	X	5.556	4.67
47	MP4B	Z	9.623	4.67
48	MP4B	Mx	-.006	4.67
49	MP4C	X	4.095	.33
50	MP4C	Z	7.092	.33
51	MP4C	Mx	.008	.33
52	MP4C	X	4.095	4.67
53	MP4C	Z	7.092	4.67
54	MP4C	Mx	.008	4.67
55	MP1A	X	2.618	1.33
56	MP1A	Z	4.534	1.33
57	MP1A	Mx	-.001	1.33
58	MP1A	X	2.618	3.33
59	MP1A	Z	4.534	3.33
60	MP1A	Mx	-.001	3.33
61	MP1B	X	2.618	1.33
62	MP1B	Z	4.534	1.33
63	MP1B	Mx	-.001	1.33
64	MP1B	X	2.618	3.33
65	MP1B	Z	4.534	3.33
66	MP1B	Mx	-.001	3.33
67	MP1C	X	1.265	1.33
68	MP1C	Z	2.192	1.33
69	MP1C	Mx	.001	1.33
70	MP1C	X	1.265	3.33
71	MP1C	Z	2.192	3.33
72	MP1C	Mx	.001	3.33
73	MP4A	X	2.253	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP4A	Z	3.903	2.5
75	MP4A	Mx	.000751	2.5
76	MP4B	X	2.253	2.5
77	MP4B	Z	3.903	2.5
78	MP4B	Mx	.000751	2.5
79	MP4C	X	1.667	2.5
80	MP4C	Z	2.887	2.5
81	MP4C	Mx	-.001	2.5
82	MP3A	X	2.175	2.5
83	MP3A	Z	3.768	2.5
84	MP3A	Mx	.000725	2.5
85	MP3B	X	2.175	2.5
86	MP3B	Z	3.768	2.5
87	MP3B	Mx	.000725	2.5
88	MP3C	X	1.364	2.5
89	MP3C	Z	2.363	2.5
90	MP3C	Mx	-.000896	2.5
91	M100	X	4.38	1
92	M100	Z	7.587	1
93	M100	Mx	0	1
94	M98	X	4.38	1
95	M98	Z	7.587	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1.33
2	MP3A	Z	10.721	1.33
3	MP3A	Mx	.005	1.33
4	MP3A	X	0	5.33
5	MP3A	Z	10.721	5.33
6	MP3A	Mx	.005	5.33
7	MP3B	X	0	1.33
8	MP3B	Z	7.997	1.33
9	MP3B	Mx	-.007	1.33
10	MP3B	X	0	5.33
11	MP3B	Z	7.997	5.33
12	MP3B	Mx	-.007	5.33
13	MP3C	X	0	1.33
14	MP3C	Z	7.514	1.33
15	MP3C	Mx	.004	1.33
16	MP3C	X	0	5.33
17	MP3C	Z	7.514	5.33
18	MP3C	Mx	.004	5.33
19	MP3A	X	0	1.33
20	MP3A	Z	10.721	1.33
21	MP3A	Mx	-.005	1.33
22	MP3A	X	0	5.33
23	MP3A	Z	10.721	5.33
24	MP3A	Mx	-.005	5.33
25	MP3B	X	0	1.33
26	MP3B	Z	7.997	1.33
27	MP3B	Mx	-.003	1.33
28	MP3B	X	0	5.33
29	MP3B	Z	7.997	5.33
30	MP3B	Mx	-.003	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3C	X	0	1.33
32	MP3C	Z	7.514	1.33
33	MP3C	Mx	.007	1.33
34	MP3C	X	0	5.33
35	MP3C	Z	7.514	5.33
36	MP3C	Mx	.007	5.33
37	MP4A	X	0	.33
38	MP4A	Z	12.126	.33
39	MP4A	Mx	0	.33
40	MP4A	X	0	4.67
41	MP4A	Z	12.126	4.67
42	MP4A	Mx	0	4.67
43	MP4B	X	0	.33
44	MP4B	Z	9.082	.33
45	MP4B	Mx	-.008	.33
46	MP4B	X	0	4.67
47	MP4B	Z	9.082	4.67
48	MP4B	Mx	-.008	4.67
49	MP4C	X	0	.33
50	MP4C	Z	8.542	.33
51	MP4C	Mx	.008	.33
52	MP4C	X	0	4.67
53	MP4C	Z	8.542	4.67
54	MP4C	Mx	.008	4.67
55	MP1A	X	0	1.33
56	MP1A	Z	6.175	1.33
57	MP1A	Mx	0	1.33
58	MP1A	X	0	3.33
59	MP1A	Z	6.175	3.33
60	MP1A	Mx	0	3.33
61	MP1B	X	0	1.33
62	MP1B	Z	3.357	1.33
63	MP1B	Mx	-.001	1.33
64	MP1B	X	0	3.33
65	MP1B	Z	3.357	3.33
66	MP1B	Mx	-.001	3.33
67	MP1C	X	0	1.33
68	MP1C	Z	2.857	1.33
69	MP1C	Mx	.001	1.33
70	MP1C	X	0	3.33
71	MP1C	Z	2.857	3.33
72	MP1C	Mx	.001	3.33
73	MP4A	X	0	2.5
74	MP4A	Z	4.914	2.5
75	MP4A	Mx	0	2.5
76	MP4B	X	0	2.5
77	MP4B	Z	3.692	2.5
78	MP4B	Mx	.001	2.5
79	MP4C	X	0	2.5
80	MP4C	Z	3.475	2.5
81	MP4C	Mx	-.001	2.5
82	MP3A	X	0	2.5
83	MP3A	Z	4.914	2.5
84	MP3A	Mx	0	2.5
85	MP3B	X	0	2.5
86	MP3B	Z	3.224	2.5
87	MP3B	Mx	.000931	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP3C	X	0	2.5
89	MP3C	Z	2.924	2.5
90	MP3C	Mx	-.000916	2.5
91	M100	X	0	1
92	M100	Z	6.784	1
93	M100	Mx	0	1
94	M98	X	0	1
95	M98	Z	9.748	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-4.906	1.33
2	MP3A	Z	8.498	1.33
3	MP3A	Mx	.008	1.33
4	MP3A	X	-4.906	5.33
5	MP3A	Z	8.498	5.33
6	MP3A	Mx	.008	5.33
7	MP3B	X	-3.545	1.33
8	MP3B	Z	6.14	1.33
9	MP3B	Mx	-.005	1.33
10	MP3B	X	-3.545	5.33
11	MP3B	Z	6.14	5.33
12	MP3B	Mx	-.005	5.33
13	MP3C	X	-4.61	1.33
14	MP3C	Z	7.985	1.33
15	MP3C	Mx	.000914	1.33
16	MP3C	X	-4.61	5.33
17	MP3C	Z	7.985	5.33
18	MP3C	Mx	.000914	5.33
19	MP3A	X	-4.906	1.33
20	MP3A	Z	8.498	1.33
21	MP3A	Mx	-.00057	1.33
22	MP3A	X	-4.906	5.33
23	MP3A	Z	8.498	5.33
24	MP3A	Mx	-.00057	5.33
25	MP3B	X	-3.545	1.33
26	MP3B	Z	6.14	1.33
27	MP3B	Mx	-.005	1.33
28	MP3B	X	-3.545	5.33
29	MP3B	Z	6.14	5.33
30	MP3B	Mx	-.005	5.33
31	MP3C	X	-4.61	1.33
32	MP3C	Z	7.985	1.33
33	MP3C	Mx	.008	1.33
34	MP3C	X	-4.61	5.33
35	MP3C	Z	7.985	5.33
36	MP3C	Mx	.008	5.33
37	MP4A	X	-5.556	.33
38	MP4A	Z	9.623	.33
39	MP4A	Mx	.006	.33
40	MP4A	X	-5.556	4.67
41	MP4A	Z	9.623	4.67
42	MP4A	Mx	.006	4.67
43	MP4B	X	-4.034	.33
44	MP4B	Z	6.986	.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP4B	Mx	-.008	.33
46	MP4B	X	-4.034	4.67
47	MP4B	Z	6.986	4.67
48	MP4B	Mx	-.008	4.67
49	MP4C	X	-5.225	.33
50	MP4C	Z	9.049	.33
51	MP4C	Mx	.007	.33
52	MP4C	X	-5.225	4.67
53	MP4C	Z	9.049	4.67
54	MP4C	Mx	.007	4.67
55	MP1A	X	-2.618	1.33
56	MP1A	Z	4.534	1.33
57	MP1A	Mx	.001	1.33
58	MP1A	X	-2.618	3.33
59	MP1A	Z	4.534	3.33
60	MP1A	Mx	.001	3.33
61	MP1B	X	-1.209	1.33
62	MP1B	Z	2.094	1.33
63	MP1B	Mx	-.001	1.33
64	MP1B	X	-1.209	3.33
65	MP1B	Z	2.094	3.33
66	MP1B	Mx	-.001	3.33
67	MP1C	X	-2.311	1.33
68	MP1C	Z	4.003	1.33
69	MP1C	Mx	.001	1.33
70	MP1C	X	-2.311	3.33
71	MP1C	Z	4.003	3.33
72	MP1C	Mx	.001	3.33
73	MP4A	X	-2.253	2.5
74	MP4A	Z	3.903	2.5
75	MP4A	Mx	-.000751	2.5
76	MP4B	X	-1.642	2.5
77	MP4B	Z	2.844	2.5
78	MP4B	Mx	.001	2.5
79	MP4C	X	-2.12	2.5
80	MP4C	Z	3.672	2.5
81	MP4C	Mx	-.000908	2.5
82	MP3A	X	-2.175	2.5
83	MP3A	Z	3.768	2.5
84	MP3A	Mx	-.000725	2.5
85	MP3B	X	-1.33	2.5
86	MP3B	Z	2.304	2.5
87	MP3B	Mx	.000887	2.5
88	MP3C	X	-1.991	2.5
89	MP3C	Z	3.449	2.5
90	MP3C	Mx	-.000853	2.5
91	M100	X	-2.898	1
92	M100	Z	5.02	1
93	M100	Mx	0	1
94	M98	X	-4.38	1
95	M98	Z	7.587	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-6.926	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP3A	Z	3.999	1.33
3	MP3A	Mx	.007	1.33
4	MP3A	X	-6.926	5.33
5	MP3A	Z	3.999	5.33
6	MP3A	Mx	.007	5.33
7	MP3B	X	-6.926	1.33
8	MP3B	Z	3.999	1.33
9	MP3B	Mx	-.003	1.33
10	MP3B	X	-6.926	5.33
11	MP3B	Z	3.999	5.33
12	MP3B	Mx	-.003	5.33
13	MP3C	X	-9.19	1.33
14	MP3C	Z	5.306	1.33
15	MP3C	Mx	-.004	1.33
16	MP3C	X	-9.19	5.33
17	MP3C	Z	5.306	5.33
18	MP3C	Mx	-.004	5.33
19	MP3A	X	-6.926	1.33
20	MP3A	Z	3.999	1.33
21	MP3A	Mx	.003	1.33
22	MP3A	X	-6.926	5.33
23	MP3A	Z	3.999	5.33
24	MP3A	Mx	.003	5.33
25	MP3B	X	-6.926	1.33
26	MP3B	Z	3.999	1.33
27	MP3B	Mx	-.007	1.33
28	MP3B	X	-6.926	5.33
29	MP3B	Z	3.999	5.33
30	MP3B	Mx	-.007	5.33
31	MP3C	X	-9.19	1.33
32	MP3C	Z	5.306	1.33
33	MP3C	Mx	.007	1.33
34	MP3C	X	-9.19	5.33
35	MP3C	Z	5.306	5.33
36	MP3C	Mx	.007	5.33
37	MP4A	X	-7.865	.33
38	MP4A	Z	4.541	.33
39	MP4A	Mx	.008	.33
40	MP4A	X	-7.865	4.67
41	MP4A	Z	4.541	4.67
42	MP4A	Mx	.008	4.67
43	MP4B	X	-7.865	.33
44	MP4B	Z	4.541	.33
45	MP4B	Mx	-.008	.33
46	MP4B	X	-7.865	4.67
47	MP4B	Z	4.541	4.67
48	MP4B	Mx	-.008	4.67
49	MP4C	X	-10.396	.33
50	MP4C	Z	6.002	.33
51	MP4C	Mx	.002	.33
52	MP4C	X	-10.396	4.67
53	MP4C	Z	6.002	4.67
54	MP4C	Mx	.002	4.67
55	MP1A	X	-2.907	1.33
56	MP1A	Z	1.678	1.33
57	MP1A	Mx	.001	1.33
58	MP1A	X	-2.907	3.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP1A	Z	1.678	3.33
60	MP1A	Mx	.001	3.33
61	MP1B	X	-2.907	1.33
62	MP1B	Z	1.678	1.33
63	MP1B	Mx	-.001	1.33
64	MP1B	X	-2.907	3.33
65	MP1B	Z	1.678	3.33
66	MP1B	Mx	-.001	3.33
67	MP1C	X	-5.25	1.33
68	MP1C	Z	3.031	1.33
69	MP1C	Mx	.000526	1.33
70	MP1C	X	-5.25	3.33
71	MP1C	Z	3.031	3.33
72	MP1C	Mx	.000526	3.33
73	MP4A	X	-3.197	2.5
74	MP4A	Z	1.846	2.5
75	MP4A	Mx	-.001	2.5
76	MP4B	X	-3.197	2.5
77	MP4B	Z	1.846	2.5
78	MP4B	Mx	.001	2.5
79	MP4C	X	-4.213	2.5
80	MP4C	Z	2.432	2.5
81	MP4C	Mx	-.000281	2.5
82	MP3A	X	-2.792	2.5
83	MP3A	Z	1.612	2.5
84	MP3A	Mx	-.000931	2.5
85	MP3B	X	-2.792	2.5
86	MP3B	Z	1.612	2.5
87	MP3B	Mx	.000931	2.5
88	MP3C	X	-4.197	2.5
89	MP3C	Z	2.423	2.5
90	MP3C	Mx	-.00028	2.5
91	M100	X	-5.875	1
92	M100	Z	3.392	1
93	M100	Mx	0	1
94	M98	X	-5.875	1
95	M98	Z	3.392	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-7.09	1.33
2	MP3A	Z	0	1.33
3	MP3A	Mx	.005	1.33
4	MP3A	X	-7.09	5.33
5	MP3A	Z	0	5.33
6	MP3A	Mx	.005	5.33
7	MP3B	X	-9.813	1.33
8	MP3B	Z	0	1.33
9	MP3B	Mx	.000569	1.33
10	MP3B	X	-9.813	5.33
11	MP3B	Z	0	5.33
12	MP3B	Mx	.000569	5.33
13	MP3C	X	-10.296	1.33
14	MP3C	Z	0	1.33
15	MP3C	Mx	-.007	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP3C	X	-10.296	5.33
17	MP3C	Z	0	5.33
18	MP3C	Mx	-.007	5.33
19	MP3A	X	-7.09	1.33
20	MP3A	Z	0	1.33
21	MP3A	Mx	.005	1.33
22	MP3A	X	-7.09	5.33
23	MP3A	Z	0	5.33
24	MP3A	Mx	.005	5.33
25	MP3B	X	-9.813	1.33
26	MP3B	Z	0	1.33
27	MP3B	Mx	-.008	1.33
28	MP3B	X	-9.813	5.33
29	MP3B	Z	0	5.33
30	MP3B	Mx	-.008	5.33
31	MP3C	X	-10.296	1.33
32	MP3C	Z	0	1.33
33	MP3C	Mx	.002	1.33
34	MP3C	X	-10.296	5.33
35	MP3C	Z	0	5.33
36	MP3C	Mx	.002	5.33
37	MP4A	X	-8.067	.33
38	MP4A	Z	0	.33
39	MP4A	Mx	.008	.33
40	MP4A	X	-8.067	4.67
41	MP4A	Z	0	4.67
42	MP4A	Mx	.008	4.67
43	MP4B	X	-11.112	.33
44	MP4B	Z	0	.33
45	MP4B	Mx	-.006	.33
46	MP4B	X	-11.112	4.67
47	MP4B	Z	0	4.67
48	MP4B	Mx	-.006	4.67
49	MP4C	X	-11.652	.33
50	MP4C	Z	0	.33
51	MP4C	Mx	-.004	.33
52	MP4C	X	-11.652	4.67
53	MP4C	Z	0	4.67
54	MP4C	Mx	-.004	4.67
55	MP1A	X	-2.417	1.33
56	MP1A	Z	0	1.33
57	MP1A	Mx	.001	1.33
58	MP1A	X	-2.417	3.33
59	MP1A	Z	0	3.33
60	MP1A	Mx	.001	3.33
61	MP1B	X	-5.236	1.33
62	MP1B	Z	0	1.33
63	MP1B	Mx	-.001	1.33
64	MP1B	X	-5.236	3.33
65	MP1B	Z	0	3.33
66	MP1B	Mx	-.001	3.33
67	MP1C	X	-5.735	1.33
68	MP1C	Z	0	1.33
69	MP1C	Mx	-.000981	1.33
70	MP1C	X	-5.735	3.33
71	MP1C	Z	0	3.33
72	MP1C	Mx	-.000981	3.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP4A	X	-3.285	2.5
74	MP4A	Z	0	2.5
75	MP4A	Mx	-.001	2.5
76	MP4B	X	-4.506	2.5
77	MP4B	Z	0	2.5
78	MP4B	Mx	.000751	2.5
79	MP4C	X	-4.723	2.5
80	MP4C	Z	0	2.5
81	MP4C	Mx	.000538	2.5
82	MP3A	X	-2.66	2.5
83	MP3A	Z	0	2.5
84	MP3A	Mx	-.000887	2.5
85	MP3B	X	-4.35	2.5
86	MP3B	Z	0	2.5
87	MP3B	Mx	.000725	2.5
88	MP3C	X	-4.65	2.5
89	MP3C	Z	0	2.5
90	MP3C	Mx	.00053	2.5
91	M100	X	-8.76	1
92	M100	Z	0	1
93	M100	Mx	0	1
94	M98	X	-5.796	1
95	M98	Z	0	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-6.926	1.33
2	MP3A	Z	-3.999	1.33
3	MP3A	Mx	.003	1.33
4	MP3A	X	-6.926	5.33
5	MP3A	Z	-3.999	5.33
6	MP3A	Mx	.003	5.33
7	MP3B	X	-9.284	1.33
8	MP3B	Z	-5.36	1.33
9	MP3B	Mx	.005	1.33
10	MP3B	X	-9.284	5.33
11	MP3B	Z	-5.36	5.33
12	MP3B	Mx	.005	5.33
13	MP3C	X	-7.439	1.33
14	MP3C	Z	-4.295	1.33
15	MP3C	Mx	-.008	1.33
16	MP3C	X	-7.439	5.33
17	MP3C	Z	-4.295	5.33
18	MP3C	Mx	-.008	5.33
19	MP3A	X	-6.926	1.33
20	MP3A	Z	-3.999	1.33
21	MP3A	Mx	.007	1.33
22	MP3A	X	-6.926	5.33
23	MP3A	Z	-3.999	5.33
24	MP3A	Mx	.007	5.33
25	MP3B	X	-9.284	1.33
26	MP3B	Z	-5.36	1.33
27	MP3B	Mx	-.005	1.33
28	MP3B	X	-9.284	5.33
29	MP3B	Z	-5.36	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP3B	Mx	-.005	5.33
31	MP3C	X	-7.439	1.33
32	MP3C	Z	-4.295	1.33
33	MP3C	Mx	-.002	1.33
34	MP3C	X	-7.439	5.33
35	MP3C	Z	-4.295	5.33
36	MP3C	Mx	-.002	5.33
37	MP4A	X	-7.865	.33
38	MP4A	Z	-4.541	.33
39	MP4A	Mx	.008	.33
40	MP4A	X	-7.865	4.67
41	MP4A	Z	-4.541	4.67
42	MP4A	Mx	.008	4.67
43	MP4B	X	-10.502	.33
44	MP4B	Z	-6.063	.33
45	MP4B	Mx	0	.33
46	MP4B	X	-10.502	4.67
47	MP4B	Z	-6.063	4.67
48	MP4B	Mx	0	4.67
49	MP4C	X	-8.439	.33
50	MP4C	Z	-4.872	.33
51	MP4C	Mx	-.007	.33
52	MP4C	X	-8.439	4.67
53	MP4C	Z	-4.872	4.67
54	MP4C	Mx	-.007	4.67
55	MP1A	X	-2.907	1.33
56	MP1A	Z	-1.678	1.33
57	MP1A	Mx	.001	1.33
58	MP1A	X	-2.907	3.33
59	MP1A	Z	-1.678	3.33
60	MP1A	Mx	.001	3.33
61	MP1B	X	-5.348	1.33
62	MP1B	Z	-3.087	1.33
63	MP1B	Mx	0	1.33
64	MP1B	X	-5.348	3.33
65	MP1B	Z	-3.087	3.33
66	MP1B	Mx	0	3.33
67	MP1C	X	-3.438	1.33
68	MP1C	Z	-1.985	1.33
69	MP1C	Mx	-.002	1.33
70	MP1C	X	-3.438	3.33
71	MP1C	Z	-1.985	3.33
72	MP1C	Mx	-.002	3.33
73	MP4A	X	-3.197	2.5
74	MP4A	Z	-1.846	2.5
75	MP4A	Mx	-.001	2.5
76	MP4B	X	-4.255	2.5
77	MP4B	Z	-2.457	2.5
78	MP4B	Mx	0	2.5
79	MP4C	X	-3.427	2.5
80	MP4C	Z	-1.979	2.5
81	MP4C	Mx	.001	2.5
82	MP3A	X	-2.792	2.5
83	MP3A	Z	-1.612	2.5
84	MP3A	Mx	-.000931	2.5
85	MP3B	X	-4.255	2.5
86	MP3B	Z	-2.457	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP3B	Mx	0	2.5
88	MP3C	X	-3.11	2.5
89	MP3C	Z	-1.796	2.5
90	MP3C	Mx	.000917	2.5
91	M100	X	-8.442	1
92	M100	Z	-4.874	1
93	M100	Mx	0	1
94	M98	X	-5.875	1
95	M98	Z	-3.392	1
96	M98	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-4.906	1.33
2	MP3A	Z	-8.498	1.33
3	MP3A	Mx	-.00057	1.33
4	MP3A	X	-4.906	5.33
5	MP3A	Z	-8.498	5.33
6	MP3A	Mx	-.00057	5.33
7	MP3B	X	-4.906	1.33
8	MP3B	Z	-8.498	1.33
9	MP3B	Mx	.008	1.33
10	MP3B	X	-4.906	5.33
11	MP3B	Z	-8.498	5.33
12	MP3B	Mx	.008	5.33
13	MP3C	X	-3.6	1.33
14	MP3C	Z	-6.235	1.33
15	MP3C	Mx	-.006	1.33
16	MP3C	X	-3.6	5.33
17	MP3C	Z	-6.235	5.33
18	MP3C	Mx	-.006	5.33
19	MP3A	X	-4.906	1.33
20	MP3A	Z	-8.498	1.33
21	MP3A	Mx	.008	1.33
22	MP3A	X	-4.906	5.33
23	MP3A	Z	-8.498	5.33
24	MP3A	Mx	.008	5.33
25	MP3B	X	-4.906	1.33
26	MP3B	Z	-8.498	1.33
27	MP3B	Mx	-.000569	1.33
28	MP3B	X	-4.906	5.33
29	MP3B	Z	-8.498	5.33
30	MP3B	Mx	-.000569	5.33
31	MP3C	X	-3.6	1.33
32	MP3C	Z	-6.235	1.33
33	MP3C	Mx	-.005	1.33
34	MP3C	X	-3.6	5.33
35	MP3C	Z	-6.235	5.33
36	MP3C	Mx	-.005	5.33
37	MP4A	X	-5.556	.33
38	MP4A	Z	-9.623	.33
39	MP4A	Mx	.006	.33
40	MP4A	X	-5.556	4.67
41	MP4A	Z	-9.623	4.67
42	MP4A	Mx	.006	4.67
43	MP4B	X	-5.556	.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP4B	Z	-9.623	.33
45	MP4B	Mx	.006	.33
46	MP4B	X	-5.556	4.67
47	MP4B	Z	-9.623	4.67
48	MP4B	Mx	.006	4.67
49	MP4C	X	-4.095	.33
50	MP4C	Z	-7.092	.33
51	MP4C	Mx	-.008	.33
52	MP4C	X	-4.095	4.67
53	MP4C	Z	-7.092	4.67
54	MP4C	Mx	-.008	4.67
55	MP1A	X	-2.618	1.33
56	MP1A	Z	-4.534	1.33
57	MP1A	Mx	.001	1.33
58	MP1A	X	-2.618	3.33
59	MP1A	Z	-4.534	3.33
60	MP1A	Mx	.001	3.33
61	MP1B	X	-2.618	1.33
62	MP1B	Z	-4.534	1.33
63	MP1B	Mx	.001	1.33
64	MP1B	X	-2.618	3.33
65	MP1B	Z	-4.534	3.33
66	MP1B	Mx	.001	3.33
67	MP1C	X	-1.265	1.33
68	MP1C	Z	-2.192	1.33
69	MP1C	Mx	-.001	1.33
70	MP1C	X	-1.265	3.33
71	MP1C	Z	-2.192	3.33
72	MP1C	Mx	-.001	3.33
73	MP4A	X	-2.253	2.5
74	MP4A	Z	-3.903	2.5
75	MP4A	Mx	-.000751	2.5
76	MP4B	X	-2.253	2.5
77	MP4B	Z	-3.903	2.5
78	MP4B	Mx	-.000751	2.5
79	MP4C	X	-1.667	2.5
80	MP4C	Z	-2.887	2.5
81	MP4C	Mx	.001	2.5
82	MP3A	X	-2.175	2.5
83	MP3A	Z	-3.768	2.5
84	MP3A	Mx	-.000725	2.5
85	MP3B	X	-2.175	2.5
86	MP3B	Z	-3.768	2.5
87	MP3B	Mx	-.000725	2.5
88	MP3C	X	-1.364	2.5
89	MP3C	Z	-2.363	2.5
90	MP3C	Mx	.000896	2.5
91	M100	X	-4.38	1
92	M100	Z	-7.587	1
93	M100	Mx	0	1
94	M98	X	-4.38	1
95	M98	Z	-7.587	1
96	M98	Mx	0	1

Member Point Loads (BLC 77 : Lm1)

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M32	Y	-500	%7

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M32	Y	-500	%56

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M32	Y	-250	%50

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M32	Y	-250	%100

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	Y	-6.554	-6.554	0	%100
2	M32	Y	-6.554	-6.554	0	%100
3	M33A	Y	-6.554	-6.554	0	%100
4	MP1A	Y	-4.97	-4.97	0	%100
5	MP3A	Y	-5.674	-5.674	0	%100
6	MP4A	Y	-4.97	-4.97	0	%100
7	M72A	Y	-9.593	-9.593	0	%100
8	M73	Y	-7.6	-7.6	0	%100
9	M74	Y	-7.6	-7.6	0	%100
10	M75	Y	-10.105	-10.105	0	%100
11	M78	Y	-5.608	-5.608	0	%100
12	M79	Y	-5.608	-5.608	0	%100
13	M84	Y	-10.105	-10.105	0	%100
14	M85	Y	-10.105	-10.105	0	%100
15	M87A	Y	-10.105	-10.105	0	%100
16	M89A	Y	-10.105	-10.105	0	%100
17	M90A	Y	-10.105	-10.105	0	%100
18	M92	Y	-10.105	-10.105	0	%100
19	M50A	Y	-9.593	-9.593	0	%100
20	M51A	Y	-7.6	-7.6	0	%100
21	M52	Y	-7.6	-7.6	0	%100
22	M53A	Y	-10.105	-10.105	0	%100
23	M56	Y	-5.608	-5.608	0	%100
24	M57	Y	-5.608	-5.608	0	%100
25	M62	Y	-10.105	-10.105	0	%100
26	M63	Y	-10.105	-10.105	0	%100
27	M65	Y	-10.105	-10.105	0	%100
28	M67	Y	-10.105	-10.105	0	%100
29	M68	Y	-10.105	-10.105	0	%100
30	M70	Y	-10.105	-10.105	0	%100
31	M72	Y	-9.593	-9.593	0	%100
32	M73A	Y	-7.6	-7.6	0	%100
33	M74A	Y	-7.6	-7.6	0	%100
34	M75A	Y	-10.105	-10.105	0	%100
35	M78A	Y	-5.608	-5.608	0	%100
36	M79A	Y	-5.608	-5.608	0	%100
37	M84A	Y	-10.105	-10.105	0	%100
38	M85A	Y	-10.105	-10.105	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
39	M87	Y	-10.105	-10.105	0	%100
40	M89	Y	-10.105	-10.105	0	%100
41	M90	Y	-10.105	-10.105	0	%100
42	M92A	Y	-10.105	-10.105	0	%100
43	MP2A	Y	-4.97	-4.97	0	%100
44	MP1C	Y	-4.97	-4.97	0	%100
45	MP4C	Y	-4.97	-4.97	0	%100
46	MP2C	Y	-4.97	-4.97	0	%100
47	MP1B	Y	-4.97	-4.97	0	%100
48	MP4B	Y	-4.97	-4.97	0	%100
49	MP2B	Y	-4.97	-4.97	0	%100
50	M94	Y	-9.593	-9.593	0	%100
51	M95	Y	-9.593	-9.593	0	%100
52	M96	Y	-9.593	-9.593	0	%100
53	M98	Y	-4.97	-4.97	0	%100
54	M100	Y	-4.97	-4.97	0	%100
55	M101	Y	-5.674	-5.674	0	%100
56	M108	Y	-5.674	-5.674	0	%100
57	M115	Y	-5.674	-5.674	0	%100
58	M122	Y	-7.6	-7.6	0	%100
59	M123	Y	-7.6	-7.6	0	%100
60	M124	Y	-7.6	-7.6	0	%100
61	M125	Y	-10.604	-10.604	0	%100
62	M126	Y	-10.604	-10.604	0	%100
63	M127	Y	-10.604	-10.604	0	%100
64	MP3C	Y	-5.674	-5.674	0	%100
65	MP3B	Y	-5.674	-5.674	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	0	0	0	%100
2	M20	Z	-3.549	-3.549	0	%100
3	M32	X	0	0	0	%100
4	M32	Z	-14.197	-14.197	0	%100
5	M33A	X	0	0	0	%100
6	M33A	Z	-3.549	-3.549	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	-9.985	-9.985	0	%100
9	MP3A	X	0	0	0	%100
10	MP3A	Z	-12.087	-12.087	0	%100
11	MP4A	X	0	0	0	%100
12	MP4A	Z	-9.985	-9.985	0	%100
13	M72A	X	0	0	0	%100
14	M72A	Z	-11.222	-11.222	0	%100
15	M73	X	0	0	0	%100
16	M73	Z	-3.909	-3.909	0	%100
17	M74	X	0	0	0	%100
18	M74	Z	-3.909	-3.909	0	%100
19	M75	X	0	0	0	%100
20	M75	Z	-6.306	-6.306	0	%100
21	M78	X	0	0	0	%100
22	M78	Z	-3.433	-3.433	0	%100
23	M79	X	0	0	0	%100
24	M79	Z	-13.734	-13.734	0	%100
25	M84	X	0	0	0	%100
26	M84	Z	-19.036	-19.036	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
27	M85	X	0	0	0	%100
28	M85	Z	-25.692	-25.692	0	%100
29	M87A	X	0	0	0	%100
30	M87A	Z	-26.627	-26.627	0	%100
31	M89A	X	0	0	0	%100
32	M89A	Z	-19.036	-19.036	0	%100
33	M90A	X	0	0	0	%100
34	M90A	Z	-6.423	-6.423	0	%100
35	M92	X	0	0	0	%100
36	M92	Z	-6.657	-6.657	0	%100
37	M50A	X	0	0	0	%100
38	M50A	Z	-11.222	-11.222	0	%100
39	M51A	X	0	0	0	%100
40	M51A	Z	-3.909	-3.909	0	%100
41	M52	X	0	0	0	%100
42	M52	Z	-3.909	-3.909	0	%100
43	M53A	X	0	0	0	%100
44	M53A	Z	-6.306	-6.306	0	%100
45	M56	X	0	0	0	%100
46	M56	Z	-13.732	-13.732	0	%100
47	M57	X	0	0	0	%100
48	M57	Z	-3.433	-3.433	0	%100
49	M62	X	0	0	0	%100
50	M62	Z	-19.036	-19.036	0	%100
51	M63	X	0	0	0	%100
52	M63	Z	-6.423	-6.423	0	%100
53	M65	X	0	0	0	%100
54	M65	Z	-6.657	-6.657	0	%100
55	M67	X	0	0	0	%100
56	M67	Z	-19.036	-19.036	0	%100
57	M68	X	0	0	0	%100
58	M68	Z	-25.692	-25.692	0	%100
59	M70	X	0	0	0	%100
60	M70	Z	-26.627	-26.627	0	%100
61	M72	X	0	0	0	%100
62	M72	Z	0	0	0	%100
63	M73A	X	0	0	0	%100
64	M73A	Z	-15.634	-15.634	0	%100
65	M74A	X	0	0	0	%100
66	M74A	Z	-15.634	-15.634	0	%100
67	M75A	X	0	0	0	%100
68	M75A	Z	-25.225	-25.225	0	%100
69	M78A	X	0	0	0	%100
70	M78A	Z	-3.433	-3.433	0	%100
71	M79A	X	0	0	0	%100
72	M79A	Z	-3.433	-3.433	0	%100
73	M84A	X	0	0	0	%100
74	M84A	Z	0	0	0	%100
75	M85A	X	0	0	0	%100
76	M85A	Z	-6.423	-6.423	0	%100
77	M87	X	0	0	0	%100
78	M87	Z	-6.657	-6.657	0	%100
79	M89	X	0	0	0	%100
80	M89	Z	0	0	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	-6.423	-6.423	0	%100
83	M92A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
84	M92A	Z	-6.657	-6.657	0	%100
85	MP2A	X	0	0	0	%100
86	MP2A	Z	-9.985	-9.985	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	-9.985	-9.985	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	-9.985	-9.985	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	-9.985	-9.985	0	%100
93	MP1B	X	0	0	0	%100
94	MP1B	Z	-9.985	-9.985	0	%100
95	MP4B	X	0	0	0	%100
96	MP4B	Z	-9.985	-9.985	0	%100
97	MP2B	X	0	0	0	%100
98	MP2B	Z	-9.985	-9.985	0	%100
99	M94	X	0	0	0	%100
100	M94	Z	-9.138	-9.138	0	%100
101	M95	X	0	0	0	%100
102	M95	Z	0	0	0	%100
103	M96	X	0	0	0	%100
104	M96	Z	-9.138	-9.138	0	%100
105	M98	X	0	0	0	%100
106	M98	Z	-8.165	-8.165	0	%100
107	M100	X	0	0	0	%100
108	M100	Z	-8.165	-8.165	0	%100
109	M101	X	0	0	0	%100
110	M101	Z	-12.087	-12.087	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	-3.022	-3.022	0	%100
113	M115	X	0	0	0	%100
114	M115	Z	-3.022	-3.022	0	%100
115	M122	X	0	0	0	%100
116	M122	Z	-3.964	-3.964	0	%100
117	M123	X	0	0	0	%100
118	M123	Z	-15.857	-15.857	0	%100
119	M124	X	0	0	0	%100
120	M124	Z	-3.964	-3.964	0	%100
121	M125	X	0	0	0	%100
122	M125	Z	-13.022	-13.022	0	%100
123	M126	X	0	0	0	%100
124	M126	Z	-18.395	-18.395	0	%100
125	M127	X	0	0	0	%100
126	M127	Z	-18.395	-18.395	0	%100
127	MP3C	X	0	0	0	%100
128	MP3C	Z	-12.087	-12.087	0	%100
129	MP3B	X	0	0	0	%100
130	MP3B	Z	-12.087	-12.087	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M32	X	5.324	5.324	0	%100
4	M32	Z	-9.221	-9.221	0	%100
5	M33A	X	5.324	5.324	0	%100
6	M33A	Z	-9.221	-9.221	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
7	MP1A	X	4.992	4.992	0	%100
8	MP1A	Z	-8.647	-8.647	0	%100
9	MP3A	X	6.044	6.044	0	%100
10	MP3A	Z	-10.468	-10.468	0	%100
11	MP4A	X	4.992	4.992	0	%100
12	MP4A	Z	-8.647	-8.647	0	%100
13	M72A	X	1.87	1.87	0	%100
14	M72A	Z	-3.24	-3.24	0	%100
15	M73	X	5.863	5.863	0	%100
16	M73	Z	-10.155	-10.155	0	%100
17	M74	X	5.863	5.863	0	%100
18	M74	Z	-10.155	-10.155	0	%100
19	M75	X	9.459	9.459	0	%100
20	M75	Z	-16.384	-16.384	0	%100
21	M78	X	0	0	0	%100
22	M78	Z	0	0	0	%100
23	M79	X	5.15	5.15	0	%100
24	M79	Z	-8.92	-8.92	0	%100
25	M84	X	3.173	3.173	0	%100
26	M84	Z	-5.495	-5.495	0	%100
27	M85	X	9.635	9.635	0	%100
28	M85	Z	-16.688	-16.688	0	%100
29	M87A	X	9.985	9.985	0	%100
30	M87A	Z	-17.294	-17.294	0	%100
31	M89A	X	3.173	3.173	0	%100
32	M89A	Z	-5.495	-5.495	0	%100
33	M90A	X	0	0	0	%100
34	M90A	Z	0	0	0	%100
35	M92	X	0	0	0	%100
36	M92	Z	0	0	0	%100
37	M50A	X	7.481	7.481	0	%100
38	M50A	Z	-12.958	-12.958	0	%100
39	M51A	X	0	0	0	%100
40	M51A	Z	0	0	0	%100
41	M52	X	0	0	0	%100
42	M52	Z	0	0	0	%100
43	M53A	X	0	0	0	%100
44	M53A	Z	0	0	0	%100
45	M56	X	5.149	5.149	0	%100
46	M56	Z	-8.919	-8.919	0	%100
47	M57	X	5.15	5.15	0	%100
48	M57	Z	-8.92	-8.92	0	%100
49	M62	X	12.69	12.69	0	%100
50	M62	Z	-21.981	-21.981	0	%100
51	M63	X	9.635	9.635	0	%100
52	M63	Z	-16.688	-16.688	0	%100
53	M65	X	9.985	9.985	0	%100
54	M65	Z	-17.294	-17.294	0	%100
55	M67	X	12.69	12.69	0	%100
56	M67	Z	-21.981	-21.981	0	%100
57	M68	X	9.635	9.635	0	%100
58	M68	Z	-16.688	-16.688	0	%100
59	M70	X	9.985	9.985	0	%100
60	M70	Z	-17.294	-17.294	0	%100
61	M72	X	1.87	1.87	0	%100
62	M72	Z	-3.24	-3.24	0	%100
63	M73A	X	5.863	5.863	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
64	M73A	Z	-10.155	-10.155	0	%100
65	M74A	X	5.863	5.863	0	%100
66	M74A	Z	-10.155	-10.155	0	%100
67	M75A	X	9.459	9.459	0	%100
68	M75A	Z	-16.384	-16.384	0	%100
69	M78A	X	5.149	5.149	0	%100
70	M78A	Z	-8.919	-8.919	0	%100
71	M79A	X	0	0	0	%100
72	M79A	Z	0	0	0	%100
73	M84A	X	3.173	3.173	0	%100
74	M84A	Z	-5.495	-5.495	0	%100
75	M85A	X	0	0	0	%100
76	M85A	Z	0	0	0	%100
77	M87	X	0	0	0	%100
78	M87	Z	0	0	0	%100
79	M89	X	3.173	3.173	0	%100
80	M89	Z	-5.495	-5.495	0	%100
81	M90	X	9.635	9.635	0	%100
82	M90	Z	-16.688	-16.688	0	%100
83	M92A	X	9.985	9.985	0	%100
84	M92A	Z	-17.294	-17.294	0	%100
85	MP2A	X	4.992	4.992	0	%100
86	MP2A	Z	-8.647	-8.647	0	%100
87	MP1C	X	4.992	4.992	0	%100
88	MP1C	Z	-8.647	-8.647	0	%100
89	MP4C	X	4.992	4.992	0	%100
90	MP4C	Z	-8.647	-8.647	0	%100
91	MP2C	X	4.992	4.992	0	%100
92	MP2C	Z	-8.647	-8.647	0	%100
93	MP1B	X	4.992	4.992	0	%100
94	MP1B	Z	-8.647	-8.647	0	%100
95	MP4B	X	4.992	4.992	0	%100
96	MP4B	Z	-8.647	-8.647	0	%100
97	MP2B	X	4.992	4.992	0	%100
98	MP2B	Z	-8.647	-8.647	0	%100
99	M94	X	1.523	1.523	0	%100
100	M94	Z	-2.638	-2.638	0	%100
101	M95	X	1.523	1.523	0	%100
102	M95	Z	-2.638	-2.638	0	%100
103	M96	X	6.092	6.092	0	%100
104	M96	Z	-10.552	-10.552	0	%100
105	M98	X	4.083	4.083	0	%100
106	M98	Z	-7.071	-7.071	0	%100
107	M100	X	4.083	4.083	0	%100
108	M100	Z	-7.071	-7.071	0	%100
109	M101	X	4.533	4.533	0	%100
110	M101	Z	-7.851	-7.851	0	%100
111	M108	X	4.533	4.533	0	%100
112	M108	Z	-7.851	-7.851	0	%100
113	M115	X	0	0	0	%100
114	M115	Z	0	0	0	%100
115	M122	X	5.946	5.946	0	%100
116	M122	Z	-10.3	-10.3	0	%100
117	M123	X	5.946	5.946	0	%100
118	M123	Z	-10.3	-10.3	0	%100
119	M124	X	0	0	0	%100
120	M124	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
121	M125	X	7.406	7.406	0	%100
122	M125	Z	-12.828	-12.828	0	%100
123	M126	X	7.406	7.406	0	%100
124	M126	Z	-12.828	-12.828	0	%100
125	M127	X	10.093	10.093	0	%100
126	M127	Z	-17.481	-17.481	0	%100
127	MP3C	X	6.044	6.044	0	%100
128	MP3C	Z	-10.468	-10.468	0	%100
129	MP3B	X	6.044	6.044	0	%100
130	MP3B	Z	-10.468	-10.468	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	3.074	3.074	0	%100
2	M20	Z	-1.775	-1.775	0	%100
3	M32	X	3.074	3.074	0	%100
4	M32	Z	-1.775	-1.775	0	%100
5	M33A	X	12.295	12.295	0	%100
6	M33A	Z	-7.098	-7.098	0	%100
7	MP1A	X	8.647	8.647	0	%100
8	MP1A	Z	-4.992	-4.992	0	%100
9	MP3A	X	10.468	10.468	0	%100
10	MP3A	Z	-6.044	-6.044	0	%100
11	MP4A	X	8.647	8.647	0	%100
12	MP4A	Z	-4.992	-4.992	0	%100
13	M72A	X	0	0	0	%100
14	M72A	Z	0	0	0	%100
15	M73	X	13.54	13.54	0	%100
16	M73	Z	-7.817	-7.817	0	%100
17	M74	X	13.54	13.54	0	%100
18	M74	Z	-7.817	-7.817	0	%100
19	M75	X	21.846	21.846	0	%100
20	M75	Z	-12.613	-12.613	0	%100
21	M78	X	2.973	2.973	0	%100
22	M78	Z	-1.716	-1.716	0	%100
23	M79	X	2.973	2.973	0	%100
24	M79	Z	-1.717	-1.717	0	%100
25	M84	X	0	0	0	%100
26	M84	Z	0	0	0	%100
27	M85	X	5.563	5.563	0	%100
28	M85	Z	-3.212	-3.212	0	%100
29	M87A	X	5.765	5.765	0	%100
30	M87A	Z	-3.328	-3.328	0	%100
31	M89A	X	0	0	0	%100
32	M89A	Z	0	0	0	%100
33	M90A	X	5.563	5.563	0	%100
34	M90A	Z	-3.212	-3.212	0	%100
35	M92	X	5.765	5.765	0	%100
36	M92	Z	-3.328	-3.328	0	%100
37	M50A	X	9.719	9.719	0	%100
38	M50A	Z	-5.611	-5.611	0	%100
39	M51A	X	3.385	3.385	0	%100
40	M51A	Z	-1.954	-1.954	0	%100
41	M52	X	3.385	3.385	0	%100
42	M52	Z	-1.954	-1.954	0	%100
43	M53A	X	5.461	5.461	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
44	M53A	Z	-3.153	-3.153	0	%100
45	M56	X	2.973	2.973	0	%100
46	M56	Z	-1.716	-1.716	0	%100
47	M57	X	11.894	11.894	0	%100
48	M57	Z	-6.867	-6.867	0	%100
49	M62	X	16.485	16.485	0	%100
50	M62	Z	-9.518	-9.518	0	%100
51	M63	X	22.25	22.25	0	%100
52	M63	Z	-12.846	-12.846	0	%100
53	M65	X	23.059	23.059	0	%100
54	M65	Z	-13.313	-13.313	0	%100
55	M67	X	16.485	16.485	0	%100
56	M67	Z	-9.518	-9.518	0	%100
57	M68	X	5.563	5.563	0	%100
58	M68	Z	-3.212	-3.212	0	%100
59	M70	X	5.765	5.765	0	%100
60	M70	Z	-3.328	-3.328	0	%100
61	M72	X	9.719	9.719	0	%100
62	M72	Z	-5.611	-5.611	0	%100
63	M73A	X	3.385	3.385	0	%100
64	M73A	Z	-1.954	-1.954	0	%100
65	M74A	X	3.385	3.385	0	%100
66	M74A	Z	-1.954	-1.954	0	%100
67	M75A	X	5.461	5.461	0	%100
68	M75A	Z	-3.153	-3.153	0	%100
69	M78A	X	11.892	11.892	0	%100
70	M78A	Z	-6.866	-6.866	0	%100
71	M79A	X	2.973	2.973	0	%100
72	M79A	Z	-1.717	-1.717	0	%100
73	M84A	X	16.485	16.485	0	%100
74	M84A	Z	-9.518	-9.518	0	%100
75	M85A	X	5.563	5.563	0	%100
76	M85A	Z	-3.212	-3.212	0	%100
77	M87	X	5.765	5.765	0	%100
78	M87	Z	-3.328	-3.328	0	%100
79	M89	X	16.485	16.485	0	%100
80	M89	Z	-9.518	-9.518	0	%100
81	M90	X	22.25	22.25	0	%100
82	M90	Z	-12.846	-12.846	0	%100
83	M92A	X	23.059	23.059	0	%100
84	M92A	Z	-13.313	-13.313	0	%100
85	MP2A	X	8.647	8.647	0	%100
86	MP2A	Z	-4.992	-4.992	0	%100
87	MP1C	X	8.647	8.647	0	%100
88	MP1C	Z	-4.992	-4.992	0	%100
89	MP4C	X	8.647	8.647	0	%100
90	MP4C	Z	-4.992	-4.992	0	%100
91	MP2C	X	8.647	8.647	0	%100
92	MP2C	Z	-4.992	-4.992	0	%100
93	MP1B	X	8.647	8.647	0	%100
94	MP1B	Z	-4.992	-4.992	0	%100
95	MP4B	X	8.647	8.647	0	%100
96	MP4B	Z	-4.992	-4.992	0	%100
97	MP2B	X	8.647	8.647	0	%100
98	MP2B	Z	-4.992	-4.992	0	%100
99	M94	X	0	0	0	%100
100	M94	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
101	M95	X	7.914	7.914	0	%100
102	M95	Z	-4.569	-4.569	0	%100
103	M96	X	7.914	7.914	0	%100
104	M96	Z	-4.569	-4.569	0	%100
105	M98	X	7.071	7.071	0	%100
106	M98	Z	-4.083	-4.083	0	%100
107	M100	X	7.071	7.071	0	%100
108	M100	Z	-4.083	-4.083	0	%100
109	M101	X	2.617	2.617	0	%100
110	M101	Z	-1.511	-1.511	0	%100
111	M108	X	10.468	10.468	0	%100
112	M108	Z	-6.044	-6.044	0	%100
113	M115	X	2.617	2.617	0	%100
114	M115	Z	-1.511	-1.511	0	%100
115	M122	X	13.733	13.733	0	%100
116	M122	Z	-7.929	-7.929	0	%100
117	M123	X	3.433	3.433	0	%100
118	M123	Z	-1.982	-1.982	0	%100
119	M124	X	3.433	3.433	0	%100
120	M124	Z	-1.982	-1.982	0	%100
121	M125	X	15.93	15.93	0	%100
122	M125	Z	-9.197	-9.197	0	%100
123	M126	X	11.277	11.277	0	%100
124	M126	Z	-6.511	-6.511	0	%100
125	M127	X	15.93	15.93	0	%100
126	M127	Z	-9.197	-9.197	0	%100
127	MP3C	X	10.468	10.468	0	%100
128	MP3C	Z	-6.044	-6.044	0	%100
129	MP3B	X	10.468	10.468	0	%100
130	MP3B	Z	-6.044	-6.044	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	10.648	10.648	0	%100
2	M20	Z	0	0	0	%100
3	M32	X	0	0	0	%100
4	M32	Z	0	0	0	%100
5	M33A	X	10.648	10.648	0	%100
6	M33A	Z	0	0	0	%100
7	MP1A	X	9.985	9.985	0	%100
8	MP1A	Z	0	0	0	%100
9	MP3A	X	12.087	12.087	0	%100
10	MP3A	Z	0	0	0	%100
11	MP4A	X	9.985	9.985	0	%100
12	MP4A	Z	0	0	0	%100
13	M72A	X	3.741	3.741	0	%100
14	M72A	Z	0	0	0	%100
15	M73	X	11.726	11.726	0	%100
16	M73	Z	0	0	0	%100
17	M74	X	11.726	11.726	0	%100
18	M74	Z	0	0	0	%100
19	M75	X	18.919	18.919	0	%100
20	M75	Z	0	0	0	%100
21	M78	X	10.299	10.299	0	%100
22	M78	Z	0	0	0	%100
23	M79	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
24	M79	Z	0	0	0	%100
25	M84	X	6.345	6.345	0	%100
26	M84	Z	0	0	0	%100
27	M85	X	0	0	0	%100
28	M85	Z	0	0	0	%100
29	M87A	X	0	0	0	%100
30	M87A	Z	0	0	0	%100
31	M89A	X	6.345	6.345	0	%100
32	M89A	Z	0	0	0	%100
33	M90A	X	19.269	19.269	0	%100
34	M90A	Z	0	0	0	%100
35	M92	X	19.97	19.97	0	%100
36	M92	Z	0	0	0	%100
37	M50A	X	3.741	3.741	0	%100
38	M50A	Z	0	0	0	%100
39	M51A	X	11.726	11.726	0	%100
40	M51A	Z	0	0	0	%100
41	M52	X	11.726	11.726	0	%100
42	M52	Z	0	0	0	%100
43	M53A	X	18.919	18.919	0	%100
44	M53A	Z	0	0	0	%100
45	M56	X	0	0	0	%100
46	M56	Z	0	0	0	%100
47	M57	X	10.3	10.3	0	%100
48	M57	Z	0	0	0	%100
49	M62	X	6.345	6.345	0	%100
50	M62	Z	0	0	0	%100
51	M63	X	19.269	19.269	0	%100
52	M63	Z	0	0	0	%100
53	M65	X	19.97	19.97	0	%100
54	M65	Z	0	0	0	%100
55	M67	X	6.345	6.345	0	%100
56	M67	Z	0	0	0	%100
57	M68	X	0	0	0	%100
58	M68	Z	0	0	0	%100
59	M70	X	0	0	0	%100
60	M70	Z	0	0	0	%100
61	M72	X	14.963	14.963	0	%100
62	M72	Z	0	0	0	%100
63	M73A	X	0	0	0	%100
64	M73A	Z	0	0	0	%100
65	M74A	X	0	0	0	%100
66	M74A	Z	0	0	0	%100
67	M75A	X	0	0	0	%100
68	M75A	Z	0	0	0	%100
69	M78A	X	10.299	10.299	0	%100
70	M78A	Z	0	0	0	%100
71	M79A	X	10.3	10.3	0	%100
72	M79A	Z	0	0	0	%100
73	M84A	X	25.381	25.381	0	%100
74	M84A	Z	0	0	0	%100
75	M85A	X	19.269	19.269	0	%100
76	M85A	Z	0	0	0	%100
77	M87	X	19.97	19.97	0	%100
78	M87	Z	0	0	0	%100
79	M89	X	25.381	25.381	0	%100
80	M89	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
81	M90	X	19.269	19.269	0	%100
82	M90	Z	0	0	0	%100
83	M92A	X	19.97	19.97	0	%100
84	M92A	Z	0	0	0	%100
85	MP2A	X	9.985	9.985	0	%100
86	MP2A	Z	0	0	0	%100
87	MP1C	X	9.985	9.985	0	%100
88	MP1C	Z	0	0	0	%100
89	MP4C	X	9.985	9.985	0	%100
90	MP4C	Z	0	0	0	%100
91	MP2C	X	9.985	9.985	0	%100
92	MP2C	Z	0	0	0	%100
93	MP1B	X	9.985	9.985	0	%100
94	MP1B	Z	0	0	0	%100
95	MP4B	X	9.985	9.985	0	%100
96	MP4B	Z	0	0	0	%100
97	MP2B	X	9.985	9.985	0	%100
98	MP2B	Z	0	0	0	%100
99	M94	X	3.046	3.046	0	%100
100	M94	Z	0	0	0	%100
101	M95	X	12.184	12.184	0	%100
102	M95	Z	0	0	0	%100
103	M96	X	3.046	3.046	0	%100
104	M96	Z	0	0	0	%100
105	M98	X	8.165	8.165	0	%100
106	M98	Z	0	0	0	%100
107	M100	X	8.165	8.165	0	%100
108	M100	Z	0	0	0	%100
109	M101	X	0	0	0	%100
110	M101	Z	0	0	0	%100
111	M108	X	9.065	9.065	0	%100
112	M108	Z	0	0	0	%100
113	M115	X	9.065	9.065	0	%100
114	M115	Z	0	0	0	%100
115	M122	X	11.893	11.893	0	%100
116	M122	Z	0	0	0	%100
117	M123	X	0	0	0	%100
118	M123	Z	0	0	0	%100
119	M124	X	11.893	11.893	0	%100
120	M124	Z	0	0	0	%100
121	M125	X	20.186	20.186	0	%100
122	M125	Z	0	0	0	%100
123	M126	X	14.813	14.813	0	%100
124	M126	Z	0	0	0	%100
125	M127	X	14.813	14.813	0	%100
126	M127	Z	0	0	0	%100
127	MP3C	X	12.087	12.087	0	%100
128	MP3C	Z	0	0	0	%100
129	MP3B	X	12.087	12.087	0	%100
130	MP3B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	12.295	12.295	0	%100
2	M20	Z	7.098	7.098	0	%100
3	M32	X	3.074	3.074	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M32	Z	1.775	1.775	0	%100
5	M33A	X	3.074	3.074	0	%100
6	M33A	Z	1.775	1.775	0	%100
7	MP1A	X	8.647	8.647	0	%100
8	MP1A	Z	4.992	4.992	0	%100
9	MP3A	X	10.468	10.468	0	%100
10	MP3A	Z	6.044	6.044	0	%100
11	MP4A	X	8.647	8.647	0	%100
12	MP4A	Z	4.992	4.992	0	%100
13	M72A	X	9.719	9.719	0	%100
14	M72A	Z	5.611	5.611	0	%100
15	M73	X	3.385	3.385	0	%100
16	M73	Z	1.954	1.954	0	%100
17	M74	X	3.385	3.385	0	%100
18	M74	Z	1.954	1.954	0	%100
19	M75	X	5.461	5.461	0	%100
20	M75	Z	3.153	3.153	0	%100
21	M78	X	11.892	11.892	0	%100
22	M78	Z	6.866	6.866	0	%100
23	M79	X	2.973	2.973	0	%100
24	M79	Z	1.717	1.717	0	%100
25	M84	X	16.485	16.485	0	%100
26	M84	Z	9.518	9.518	0	%100
27	M85	X	5.563	5.563	0	%100
28	M85	Z	3.212	3.212	0	%100
29	M87A	X	5.765	5.765	0	%100
30	M87A	Z	3.328	3.328	0	%100
31	M89A	X	16.485	16.485	0	%100
32	M89A	Z	9.518	9.518	0	%100
33	M90A	X	22.25	22.25	0	%100
34	M90A	Z	12.846	12.846	0	%100
35	M92	X	23.059	23.059	0	%100
36	M92	Z	13.313	13.313	0	%100
37	M50A	X	0	0	0	%100
38	M50A	Z	0	0	0	%100
39	M51A	X	13.54	13.54	0	%100
40	M51A	Z	7.817	7.817	0	%100
41	M52	X	13.54	13.54	0	%100
42	M52	Z	7.817	7.817	0	%100
43	M53A	X	21.846	21.846	0	%100
44	M53A	Z	12.613	12.613	0	%100
45	M56	X	2.973	2.973	0	%100
46	M56	Z	1.716	1.716	0	%100
47	M57	X	2.973	2.973	0	%100
48	M57	Z	1.717	1.717	0	%100
49	M62	X	0	0	0	%100
50	M62	Z	0	0	0	%100
51	M63	X	5.563	5.563	0	%100
52	M63	Z	3.212	3.212	0	%100
53	M65	X	5.765	5.765	0	%100
54	M65	Z	3.328	3.328	0	%100
55	M67	X	0	0	0	%100
56	M67	Z	0	0	0	%100
57	M68	X	5.563	5.563	0	%100
58	M68	Z	3.212	3.212	0	%100
59	M70	X	5.765	5.765	0	%100
60	M70	Z	3.328	3.328	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M72	X	9.719	9.719	0	%100
62	M72	Z	5.611	5.611	0	%100
63	M73A	X	3.385	3.385	0	%100
64	M73A	Z	1.954	1.954	0	%100
65	M74A	X	3.385	3.385	0	%100
66	M74A	Z	1.954	1.954	0	%100
67	M75A	X	5.461	5.461	0	%100
68	M75A	Z	3.153	3.153	0	%100
69	M78A	X	2.973	2.973	0	%100
70	M78A	Z	1.716	1.716	0	%100
71	M79A	X	11.894	11.894	0	%100
72	M79A	Z	6.867	6.867	0	%100
73	M84A	X	16.485	16.485	0	%100
74	M84A	Z	9.518	9.518	0	%100
75	M85A	X	22.25	22.25	0	%100
76	M85A	Z	12.846	12.846	0	%100
77	M87	X	23.059	23.059	0	%100
78	M87	Z	13.313	13.313	0	%100
79	M89	X	16.485	16.485	0	%100
80	M89	Z	9.518	9.518	0	%100
81	M90	X	5.563	5.563	0	%100
82	M90	Z	3.212	3.212	0	%100
83	M92A	X	5.765	5.765	0	%100
84	M92A	Z	3.328	3.328	0	%100
85	MP2A	X	8.647	8.647	0	%100
86	MP2A	Z	4.992	4.992	0	%100
87	MP1C	X	8.647	8.647	0	%100
88	MP1C	Z	4.992	4.992	0	%100
89	MP4C	X	8.647	8.647	0	%100
90	MP4C	Z	4.992	4.992	0	%100
91	MP2C	X	8.647	8.647	0	%100
92	MP2C	Z	4.992	4.992	0	%100
93	MP1B	X	8.647	8.647	0	%100
94	MP1B	Z	4.992	4.992	0	%100
95	MP4B	X	8.647	8.647	0	%100
96	MP4B	Z	4.992	4.992	0	%100
97	MP2B	X	8.647	8.647	0	%100
98	MP2B	Z	4.992	4.992	0	%100
99	M94	X	7.914	7.914	0	%100
100	M94	Z	4.569	4.569	0	%100
101	M95	X	7.914	7.914	0	%100
102	M95	Z	4.569	4.569	0	%100
103	M96	X	0	0	0	%100
104	M96	Z	0	0	0	%100
105	M98	X	7.071	7.071	0	%100
106	M98	Z	4.083	4.083	0	%100
107	M100	X	7.071	7.071	0	%100
108	M100	Z	4.083	4.083	0	%100
109	M101	X	2.617	2.617	0	%100
110	M101	Z	1.511	1.511	0	%100
111	M108	X	2.617	2.617	0	%100
112	M108	Z	1.511	1.511	0	%100
113	M115	X	10.468	10.468	0	%100
114	M115	Z	6.044	6.044	0	%100
115	M122	X	3.433	3.433	0	%100
116	M122	Z	1.982	1.982	0	%100
117	M123	X	3.433	3.433	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
118	M123	Z	1.982	1.982	0	%100
119	M124	X	13.733	13.733	0	%100
120	M124	Z	7.929	7.929	0	%100
121	M125	X	15.93	15.93	0	%100
122	M125	Z	9.197	9.197	0	%100
123	M126	X	15.93	15.93	0	%100
124	M126	Z	9.197	9.197	0	%100
125	M127	X	11.277	11.277	0	%100
126	M127	Z	6.511	6.511	0	%100
127	MP3C	X	10.468	10.468	0	%100
128	MP3C	Z	6.044	6.044	0	%100
129	MP3B	X	10.468	10.468	0	%100
130	MP3B	Z	6.044	6.044	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	5.324	5.324	0	%100
2	M20	Z	9.221	9.221	0	%100
3	M32	X	5.324	5.324	0	%100
4	M32	Z	9.221	9.221	0	%100
5	M33A	X	0	0	0	%100
6	M33A	Z	0	0	0	%100
7	MP1A	X	4.992	4.992	0	%100
8	MP1A	Z	8.647	8.647	0	%100
9	MP3A	X	6.044	6.044	0	%100
10	MP3A	Z	10.468	10.468	0	%100
11	MP4A	X	4.992	4.992	0	%100
12	MP4A	Z	8.647	8.647	0	%100
13	M72A	X	7.481	7.481	0	%100
14	M72A	Z	12.958	12.958	0	%100
15	M73	X	0	0	0	%100
16	M73	Z	0	0	0	%100
17	M74	X	0	0	0	%100
18	M74	Z	0	0	0	%100
19	M75	X	0	0	0	%100
20	M75	Z	0	0	0	%100
21	M78	X	5.149	5.149	0	%100
22	M78	Z	8.919	8.919	0	%100
23	M79	X	5.15	5.15	0	%100
24	M79	Z	8.92	8.92	0	%100
25	M84	X	12.69	12.69	0	%100
26	M84	Z	21.981	21.981	0	%100
27	M85	X	9.635	9.635	0	%100
28	M85	Z	16.688	16.688	0	%100
29	M87A	X	9.985	9.985	0	%100
30	M87A	Z	17.294	17.294	0	%100
31	M89A	X	12.69	12.69	0	%100
32	M89A	Z	21.981	21.981	0	%100
33	M90A	X	9.635	9.635	0	%100
34	M90A	Z	16.688	16.688	0	%100
35	M92	X	9.985	9.985	0	%100
36	M92	Z	17.294	17.294	0	%100
37	M50A	X	1.87	1.87	0	%100
38	M50A	Z	3.24	3.24	0	%100
39	M51A	X	5.863	5.863	0	%100
40	M51A	Z	10.155	10.155	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
41	M52	X	5.863	5.863	0	%100
42	M52	Z	10.155	10.155	0	%100
43	M53A	X	9.459	9.459	0	%100
44	M53A	Z	16.384	16.384	0	%100
45	M56	X	5.149	5.149	0	%100
46	M56	Z	8.919	8.919	0	%100
47	M57	X	0	0	0	%100
48	M57	Z	0	0	0	%100
49	M62	X	3.173	3.173	0	%100
50	M62	Z	5.495	5.495	0	%100
51	M63	X	0	0	0	%100
52	M63	Z	0	0	0	%100
53	M65	X	0	0	0	%100
54	M65	Z	0	0	0	%100
55	M67	X	3.173	3.173	0	%100
56	M67	Z	5.495	5.495	0	%100
57	M68	X	9.635	9.635	0	%100
58	M68	Z	16.688	16.688	0	%100
59	M70	X	9.985	9.985	0	%100
60	M70	Z	17.294	17.294	0	%100
61	M72	X	1.87	1.87	0	%100
62	M72	Z	3.24	3.24	0	%100
63	M73A	X	5.863	5.863	0	%100
64	M73A	Z	10.155	10.155	0	%100
65	M74A	X	5.863	5.863	0	%100
66	M74A	Z	10.155	10.155	0	%100
67	M75A	X	9.459	9.459	0	%100
68	M75A	Z	16.384	16.384	0	%100
69	M78A	X	0	0	0	%100
70	M78A	Z	0	0	0	%100
71	M79A	X	5.15	5.15	0	%100
72	M79A	Z	8.92	8.92	0	%100
73	M84A	X	3.173	3.173	0	%100
74	M84A	Z	5.495	5.495	0	%100
75	M85A	X	9.635	9.635	0	%100
76	M85A	Z	16.688	16.688	0	%100
77	M87	X	9.985	9.985	0	%100
78	M87	Z	17.294	17.294	0	%100
79	M89	X	3.173	3.173	0	%100
80	M89	Z	5.495	5.495	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	0	0	0	%100
83	M92A	X	0	0	0	%100
84	M92A	Z	0	0	0	%100
85	MP2A	X	4.992	4.992	0	%100
86	MP2A	Z	8.647	8.647	0	%100
87	MP1C	X	4.992	4.992	0	%100
88	MP1C	Z	8.647	8.647	0	%100
89	MP4C	X	4.992	4.992	0	%100
90	MP4C	Z	8.647	8.647	0	%100
91	MP2C	X	4.992	4.992	0	%100
92	MP2C	Z	8.647	8.647	0	%100
93	MP1B	X	4.992	4.992	0	%100
94	MP1B	Z	8.647	8.647	0	%100
95	MP4B	X	4.992	4.992	0	%100
96	MP4B	Z	8.647	8.647	0	%100
97	MP2B	X	4.992	4.992	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
98	MP2B	Z	8.647	8.647	0	%100
99	M94	X	6.092	6.092	0	%100
100	M94	Z	10.552	10.552	0	%100
101	M95	X	1.523	1.523	0	%100
102	M95	Z	2.638	2.638	0	%100
103	M96	X	1.523	1.523	0	%100
104	M96	Z	2.638	2.638	0	%100
105	M98	X	4.083	4.083	0	%100
106	M98	Z	7.071	7.071	0	%100
107	M100	X	4.083	4.083	0	%100
108	M100	Z	7.071	7.071	0	%100
109	M101	X	4.533	4.533	0	%100
110	M101	Z	7.851	7.851	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M115	X	4.533	4.533	0	%100
114	M115	Z	7.851	7.851	0	%100
115	M122	X	0	0	0	%100
116	M122	Z	0	0	0	%100
117	M123	X	5.946	5.946	0	%100
118	M123	Z	10.3	10.3	0	%100
119	M124	X	5.946	5.946	0	%100
120	M124	Z	10.3	10.3	0	%100
121	M125	X	7.406	7.406	0	%100
122	M125	Z	12.828	12.828	0	%100
123	M126	X	10.093	10.093	0	%100
124	M126	Z	17.481	17.481	0	%100
125	M127	X	7.406	7.406	0	%100
126	M127	Z	12.828	12.828	0	%100
127	MP3C	X	6.044	6.044	0	%100
128	MP3C	Z	10.468	10.468	0	%100
129	MP3B	X	6.044	6.044	0	%100
130	MP3B	Z	10.468	10.468	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	0	0	0	%100
2	M20	Z	3.549	3.549	0	%100
3	M32	X	0	0	0	%100
4	M32	Z	14.197	14.197	0	%100
5	M33A	X	0	0	0	%100
6	M33A	Z	3.549	3.549	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	9.985	9.985	0	%100
9	MP3A	X	0	0	0	%100
10	MP3A	Z	12.087	12.087	0	%100
11	MP4A	X	0	0	0	%100
12	MP4A	Z	9.985	9.985	0	%100
13	M72A	X	0	0	0	%100
14	M72A	Z	11.222	11.222	0	%100
15	M73	X	0	0	0	%100
16	M73	Z	3.909	3.909	0	%100
17	M74	X	0	0	0	%100
18	M74	Z	3.909	3.909	0	%100
19	M75	X	0	0	0	%100
20	M75	Z	6.306	6.306	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
21	M78	X	0	0	0	%100
22	M78	Z	3.433	3.433	0	%100
23	M79	X	0	0	0	%100
24	M79	Z	13.734	13.734	0	%100
25	M84	X	0	0	0	%100
26	M84	Z	19.036	19.036	0	%100
27	M85	X	0	0	0	%100
28	M85	Z	25.692	25.692	0	%100
29	M87A	X	0	0	0	%100
30	M87A	Z	26.627	26.627	0	%100
31	M89A	X	0	0	0	%100
32	M89A	Z	19.036	19.036	0	%100
33	M90A	X	0	0	0	%100
34	M90A	Z	6.423	6.423	0	%100
35	M92	X	0	0	0	%100
36	M92	Z	6.657	6.657	0	%100
37	M50A	X	0	0	0	%100
38	M50A	Z	11.222	11.222	0	%100
39	M51A	X	0	0	0	%100
40	M51A	Z	3.909	3.909	0	%100
41	M52	X	0	0	0	%100
42	M52	Z	3.909	3.909	0	%100
43	M53A	X	0	0	0	%100
44	M53A	Z	6.306	6.306	0	%100
45	M56	X	0	0	0	%100
46	M56	Z	13.732	13.732	0	%100
47	M57	X	0	0	0	%100
48	M57	Z	3.433	3.433	0	%100
49	M62	X	0	0	0	%100
50	M62	Z	19.036	19.036	0	%100
51	M63	X	0	0	0	%100
52	M63	Z	6.423	6.423	0	%100
53	M65	X	0	0	0	%100
54	M65	Z	6.657	6.657	0	%100
55	M67	X	0	0	0	%100
56	M67	Z	19.036	19.036	0	%100
57	M68	X	0	0	0	%100
58	M68	Z	25.692	25.692	0	%100
59	M70	X	0	0	0	%100
60	M70	Z	26.627	26.627	0	%100
61	M72	X	0	0	0	%100
62	M72	Z	0	0	0	%100
63	M73A	X	0	0	0	%100
64	M73A	Z	15.634	15.634	0	%100
65	M74A	X	0	0	0	%100
66	M74A	Z	15.634	15.634	0	%100
67	M75A	X	0	0	0	%100
68	M75A	Z	25.225	25.225	0	%100
69	M78A	X	0	0	0	%100
70	M78A	Z	3.433	3.433	0	%100
71	M79A	X	0	0	0	%100
72	M79A	Z	3.433	3.433	0	%100
73	M84A	X	0	0	0	%100
74	M84A	Z	0	0	0	%100
75	M85A	X	0	0	0	%100
76	M85A	Z	6.423	6.423	0	%100
77	M87	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
78	M87	Z	6.657	6.657	0	%100
79	M89	X	0	0	0	%100
80	M89	Z	0	0	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	6.423	6.423	0	%100
83	M92A	X	0	0	0	%100
84	M92A	Z	6.657	6.657	0	%100
85	MP2A	X	0	0	0	%100
86	MP2A	Z	9.985	9.985	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	9.985	9.985	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	9.985	9.985	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	9.985	9.985	0	%100
93	MP1B	X	0	0	0	%100
94	MP1B	Z	9.985	9.985	0	%100
95	MP4B	X	0	0	0	%100
96	MP4B	Z	9.985	9.985	0	%100
97	MP2B	X	0	0	0	%100
98	MP2B	Z	9.985	9.985	0	%100
99	M94	X	0	0	0	%100
100	M94	Z	9.138	9.138	0	%100
101	M95	X	0	0	0	%100
102	M95	Z	0	0	0	%100
103	M96	X	0	0	0	%100
104	M96	Z	9.138	9.138	0	%100
105	M98	X	0	0	0	%100
106	M98	Z	8.165	8.165	0	%100
107	M100	X	0	0	0	%100
108	M100	Z	8.165	8.165	0	%100
109	M101	X	0	0	0	%100
110	M101	Z	12.087	12.087	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	3.022	3.022	0	%100
113	M115	X	0	0	0	%100
114	M115	Z	3.022	3.022	0	%100
115	M122	X	0	0	0	%100
116	M122	Z	3.964	3.964	0	%100
117	M123	X	0	0	0	%100
118	M123	Z	15.857	15.857	0	%100
119	M124	X	0	0	0	%100
120	M124	Z	3.964	3.964	0	%100
121	M125	X	0	0	0	%100
122	M125	Z	13.022	13.022	0	%100
123	M126	X	0	0	0	%100
124	M126	Z	18.395	18.395	0	%100
125	M127	X	0	0	0	%100
126	M127	Z	18.395	18.395	0	%100
127	MP3C	X	0	0	0	%100
128	MP3C	Z	12.087	12.087	0	%100
129	MP3B	X	0	0	0	%100
130	MP3B	Z	12.087	12.087	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M32	X	-5.324	-5.324	0	%100
4	M32	Z	9.221	9.221	0	%100
5	M33A	X	-5.324	-5.324	0	%100
6	M33A	Z	9.221	9.221	0	%100
7	MP1A	X	-4.992	-4.992	0	%100
8	MP1A	Z	8.647	8.647	0	%100
9	MP3A	X	-6.044	-6.044	0	%100
10	MP3A	Z	10.468	10.468	0	%100
11	MP4A	X	-4.992	-4.992	0	%100
12	MP4A	Z	8.647	8.647	0	%100
13	M72A	X	-1.87	-1.87	0	%100
14	M72A	Z	3.24	3.24	0	%100
15	M73	X	-5.863	-5.863	0	%100
16	M73	Z	10.155	10.155	0	%100
17	M74	X	-5.863	-5.863	0	%100
18	M74	Z	10.155	10.155	0	%100
19	M75	X	-9.459	-9.459	0	%100
20	M75	Z	16.384	16.384	0	%100
21	M78	X	0	0	0	%100
22	M78	Z	0	0	0	%100
23	M79	X	-5.15	-5.15	0	%100
24	M79	Z	8.92	8.92	0	%100
25	M84	X	-3.173	-3.173	0	%100
26	M84	Z	5.495	5.495	0	%100
27	M85	X	-9.635	-9.635	0	%100
28	M85	Z	16.688	16.688	0	%100
29	M87A	X	-9.985	-9.985	0	%100
30	M87A	Z	17.294	17.294	0	%100
31	M89A	X	-3.173	-3.173	0	%100
32	M89A	Z	5.495	5.495	0	%100
33	M90A	X	0	0	0	%100
34	M90A	Z	0	0	0	%100
35	M92	X	0	0	0	%100
36	M92	Z	0	0	0	%100
37	M50A	X	-7.481	-7.481	0	%100
38	M50A	Z	12.958	12.958	0	%100
39	M51A	X	0	0	0	%100
40	M51A	Z	0	0	0	%100
41	M52	X	0	0	0	%100
42	M52	Z	0	0	0	%100
43	M53A	X	0	0	0	%100
44	M53A	Z	0	0	0	%100
45	M56	X	-5.149	-5.149	0	%100
46	M56	Z	8.919	8.919	0	%100
47	M57	X	-5.15	-5.15	0	%100
48	M57	Z	8.92	8.92	0	%100
49	M62	X	-12.69	-12.69	0	%100
50	M62	Z	21.981	21.981	0	%100
51	M63	X	-9.635	-9.635	0	%100
52	M63	Z	16.688	16.688	0	%100
53	M65	X	-9.985	-9.985	0	%100
54	M65	Z	17.294	17.294	0	%100
55	M67	X	-12.69	-12.69	0	%100
56	M67	Z	21.981	21.981	0	%100
57	M68	X	-9.635	-9.635	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M68	Z	16.688	16.688	0	%100
59	M70	X	-9.985	-9.985	0	%100
60	M70	Z	17.294	17.294	0	%100
61	M72	X	-1.87	-1.87	0	%100
62	M72	Z	3.24	3.24	0	%100
63	M73A	X	-5.863	-5.863	0	%100
64	M73A	Z	10.155	10.155	0	%100
65	M74A	X	-5.863	-5.863	0	%100
66	M74A	Z	10.155	10.155	0	%100
67	M75A	X	-9.459	-9.459	0	%100
68	M75A	Z	16.384	16.384	0	%100
69	M78A	X	-5.149	-5.149	0	%100
70	M78A	Z	8.919	8.919	0	%100
71	M79A	X	0	0	0	%100
72	M79A	Z	0	0	0	%100
73	M84A	X	-3.173	-3.173	0	%100
74	M84A	Z	5.495	5.495	0	%100
75	M85A	X	0	0	0	%100
76	M85A	Z	0	0	0	%100
77	M87	X	0	0	0	%100
78	M87	Z	0	0	0	%100
79	M89	X	-3.173	-3.173	0	%100
80	M89	Z	5.495	5.495	0	%100
81	M90	X	-9.635	-9.635	0	%100
82	M90	Z	16.688	16.688	0	%100
83	M92A	X	-9.985	-9.985	0	%100
84	M92A	Z	17.294	17.294	0	%100
85	MP2A	X	-4.992	-4.992	0	%100
86	MP2A	Z	8.647	8.647	0	%100
87	MP1C	X	-4.992	-4.992	0	%100
88	MP1C	Z	8.647	8.647	0	%100
89	MP4C	X	-4.992	-4.992	0	%100
90	MP4C	Z	8.647	8.647	0	%100
91	MP2C	X	-4.992	-4.992	0	%100
92	MP2C	Z	8.647	8.647	0	%100
93	MP1B	X	-4.992	-4.992	0	%100
94	MP1B	Z	8.647	8.647	0	%100
95	MP4B	X	-4.992	-4.992	0	%100
96	MP4B	Z	8.647	8.647	0	%100
97	MP2B	X	-4.992	-4.992	0	%100
98	MP2B	Z	8.647	8.647	0	%100
99	M94	X	-1.523	-1.523	0	%100
100	M94	Z	2.638	2.638	0	%100
101	M95	X	-1.523	-1.523	0	%100
102	M95	Z	2.638	2.638	0	%100
103	M96	X	-6.092	-6.092	0	%100
104	M96	Z	10.552	10.552	0	%100
105	M98	X	-4.083	-4.083	0	%100
106	M98	Z	7.071	7.071	0	%100
107	M100	X	-4.083	-4.083	0	%100
108	M100	Z	7.071	7.071	0	%100
109	M101	X	-4.533	-4.533	0	%100
110	M101	Z	7.851	7.851	0	%100
111	M108	X	-4.533	-4.533	0	%100
112	M108	Z	7.851	7.851	0	%100
113	M115	X	0	0	0	%100
114	M115	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M122	X	-5.946	-5.946	0	%100
116	M122	Z	10.3	10.3	0	%100
117	M123	X	-5.946	-5.946	0	%100
118	M123	Z	10.3	10.3	0	%100
119	M124	X	0	0	0	%100
120	M124	Z	0	0	0	%100
121	M125	X	-7.406	-7.406	0	%100
122	M125	Z	12.828	12.828	0	%100
123	M126	X	-7.406	-7.406	0	%100
124	M126	Z	12.828	12.828	0	%100
125	M127	X	-10.093	-10.093	0	%100
126	M127	Z	17.481	17.481	0	%100
127	MP3C	X	-6.044	-6.044	0	%100
128	MP3C	Z	10.468	10.468	0	%100
129	MP3B	X	-6.044	-6.044	0	%100
130	MP3B	Z	10.468	10.468	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	-3.074	-3.074	0	%100
2	M20	Z	1.775	1.775	0	%100
3	M32	X	-3.074	-3.074	0	%100
4	M32	Z	1.775	1.775	0	%100
5	M33A	X	-12.295	-12.295	0	%100
6	M33A	Z	7.098	7.098	0	%100
7	MP1A	X	-8.647	-8.647	0	%100
8	MP1A	Z	4.992	4.992	0	%100
9	MP3A	X	-10.468	-10.468	0	%100
10	MP3A	Z	6.044	6.044	0	%100
11	MP4A	X	-8.647	-8.647	0	%100
12	MP4A	Z	4.992	4.992	0	%100
13	M72A	X	0	0	0	%100
14	M72A	Z	0	0	0	%100
15	M73	X	-13.54	-13.54	0	%100
16	M73	Z	7.817	7.817	0	%100
17	M74	X	-13.54	-13.54	0	%100
18	M74	Z	7.817	7.817	0	%100
19	M75	X	-21.846	-21.846	0	%100
20	M75	Z	12.613	12.613	0	%100
21	M78	X	-2.973	-2.973	0	%100
22	M78	Z	1.716	1.716	0	%100
23	M79	X	-2.973	-2.973	0	%100
24	M79	Z	1.717	1.717	0	%100
25	M84	X	0	0	0	%100
26	M84	Z	0	0	0	%100
27	M85	X	-5.563	-5.563	0	%100
28	M85	Z	3.212	3.212	0	%100
29	M87A	X	-5.765	-5.765	0	%100
30	M87A	Z	3.328	3.328	0	%100
31	M89A	X	0	0	0	%100
32	M89A	Z	0	0	0	%100
33	M90A	X	-5.563	-5.563	0	%100
34	M90A	Z	3.212	3.212	0	%100
35	M92	X	-5.765	-5.765	0	%100
36	M92	Z	3.328	3.328	0	%100
37	M50A	X	-9.719	-9.719	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	M50A	Z	5.611	5.611	0	%100
39	M51A	X	-3.385	-3.385	0	%100
40	M51A	Z	1.954	1.954	0	%100
41	M52	X	-3.385	-3.385	0	%100
42	M52	Z	1.954	1.954	0	%100
43	M53A	X	-5.461	-5.461	0	%100
44	M53A	Z	3.153	3.153	0	%100
45	M56	X	-2.973	-2.973	0	%100
46	M56	Z	1.716	1.716	0	%100
47	M57	X	-11.894	-11.894	0	%100
48	M57	Z	6.867	6.867	0	%100
49	M62	X	-16.485	-16.485	0	%100
50	M62	Z	9.518	9.518	0	%100
51	M63	X	-22.25	-22.25	0	%100
52	M63	Z	12.846	12.846	0	%100
53	M65	X	-23.059	-23.059	0	%100
54	M65	Z	13.313	13.313	0	%100
55	M67	X	-16.485	-16.485	0	%100
56	M67	Z	9.518	9.518	0	%100
57	M68	X	-5.563	-5.563	0	%100
58	M68	Z	3.212	3.212	0	%100
59	M70	X	-5.765	-5.765	0	%100
60	M70	Z	3.328	3.328	0	%100
61	M72	X	-9.719	-9.719	0	%100
62	M72	Z	5.611	5.611	0	%100
63	M73A	X	-3.385	-3.385	0	%100
64	M73A	Z	1.954	1.954	0	%100
65	M74A	X	-3.385	-3.385	0	%100
66	M74A	Z	1.954	1.954	0	%100
67	M75A	X	-5.461	-5.461	0	%100
68	M75A	Z	3.153	3.153	0	%100
69	M78A	X	-11.892	-11.892	0	%100
70	M78A	Z	6.866	6.866	0	%100
71	M79A	X	-2.973	-2.973	0	%100
72	M79A	Z	1.717	1.717	0	%100
73	M84A	X	-16.485	-16.485	0	%100
74	M84A	Z	9.518	9.518	0	%100
75	M85A	X	-5.563	-5.563	0	%100
76	M85A	Z	3.212	3.212	0	%100
77	M87	X	-5.765	-5.765	0	%100
78	M87	Z	3.328	3.328	0	%100
79	M89	X	-16.485	-16.485	0	%100
80	M89	Z	9.518	9.518	0	%100
81	M90	X	-22.25	-22.25	0	%100
82	M90	Z	12.846	12.846	0	%100
83	M92A	X	-23.059	-23.059	0	%100
84	M92A	Z	13.313	13.313	0	%100
85	MP2A	X	-8.647	-8.647	0	%100
86	MP2A	Z	4.992	4.992	0	%100
87	MP1C	X	-8.647	-8.647	0	%100
88	MP1C	Z	4.992	4.992	0	%100
89	MP4C	X	-8.647	-8.647	0	%100
90	MP4C	Z	4.992	4.992	0	%100
91	MP2C	X	-8.647	-8.647	0	%100
92	MP2C	Z	4.992	4.992	0	%100
93	MP1B	X	-8.647	-8.647	0	%100
94	MP1B	Z	4.992	4.992	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
95	MP4B	X	-8.647	-8.647	0	%100
96	MP4B	Z	4.992	4.992	0	%100
97	MP2B	X	-8.647	-8.647	0	%100
98	MP2B	Z	4.992	4.992	0	%100
99	M94	X	0	0	0	%100
100	M94	Z	0	0	0	%100
101	M95	X	-7.914	-7.914	0	%100
102	M95	Z	4.569	4.569	0	%100
103	M96	X	-7.914	-7.914	0	%100
104	M96	Z	4.569	4.569	0	%100
105	M98	X	-7.071	-7.071	0	%100
106	M98	Z	4.083	4.083	0	%100
107	M100	X	-7.071	-7.071	0	%100
108	M100	Z	4.083	4.083	0	%100
109	M101	X	-2.617	-2.617	0	%100
110	M101	Z	1.511	1.511	0	%100
111	M108	X	-10.468	-10.468	0	%100
112	M108	Z	6.044	6.044	0	%100
113	M115	X	-2.617	-2.617	0	%100
114	M115	Z	1.511	1.511	0	%100
115	M122	X	-13.733	-13.733	0	%100
116	M122	Z	7.929	7.929	0	%100
117	M123	X	-3.433	-3.433	0	%100
118	M123	Z	1.982	1.982	0	%100
119	M124	X	-3.433	-3.433	0	%100
120	M124	Z	1.982	1.982	0	%100
121	M125	X	-15.93	-15.93	0	%100
122	M125	Z	9.197	9.197	0	%100
123	M126	X	-11.277	-11.277	0	%100
124	M126	Z	6.511	6.511	0	%100
125	M127	X	-15.93	-15.93	0	%100
126	M127	Z	9.197	9.197	0	%100
127	MP3C	X	-10.468	-10.468	0	%100
128	MP3C	Z	6.044	6.044	0	%100
129	MP3B	X	-10.468	-10.468	0	%100
130	MP3B	Z	6.044	6.044	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	-10.648	-10.648	0	%100
2	M20	Z	0	0	0	%100
3	M32	X	0	0	0	%100
4	M32	Z	0	0	0	%100
5	M33A	X	-10.648	-10.648	0	%100
6	M33A	Z	0	0	0	%100
7	MP1A	X	-9.985	-9.985	0	%100
8	MP1A	Z	0	0	0	%100
9	MP3A	X	-12.087	-12.087	0	%100
10	MP3A	Z	0	0	0	%100
11	MP4A	X	-9.985	-9.985	0	%100
12	MP4A	Z	0	0	0	%100
13	M72A	X	-3.741	-3.741	0	%100
14	M72A	Z	0	0	0	%100
15	M73	X	-11.726	-11.726	0	%100
16	M73	Z	0	0	0	%100
17	M74	X	-11.726	-11.726	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M74	Z	0	0	0	%100
19	M75	X	-18.919	-18.919	0	%100
20	M75	Z	0	0	0	%100
21	M78	X	-10.299	-10.299	0	%100
22	M78	Z	0	0	0	%100
23	M79	X	0	0	0	%100
24	M79	Z	0	0	0	%100
25	M84	X	-6.345	-6.345	0	%100
26	M84	Z	0	0	0	%100
27	M85	X	0	0	0	%100
28	M85	Z	0	0	0	%100
29	M87A	X	0	0	0	%100
30	M87A	Z	0	0	0	%100
31	M89A	X	-6.345	-6.345	0	%100
32	M89A	Z	0	0	0	%100
33	M90A	X	-19.269	-19.269	0	%100
34	M90A	Z	0	0	0	%100
35	M92	X	-19.97	-19.97	0	%100
36	M92	Z	0	0	0	%100
37	M50A	X	-3.741	-3.741	0	%100
38	M50A	Z	0	0	0	%100
39	M51A	X	-11.726	-11.726	0	%100
40	M51A	Z	0	0	0	%100
41	M52	X	-11.726	-11.726	0	%100
42	M52	Z	0	0	0	%100
43	M53A	X	-18.919	-18.919	0	%100
44	M53A	Z	0	0	0	%100
45	M56	X	0	0	0	%100
46	M56	Z	0	0	0	%100
47	M57	X	-10.3	-10.3	0	%100
48	M57	Z	0	0	0	%100
49	M62	X	-6.345	-6.345	0	%100
50	M62	Z	0	0	0	%100
51	M63	X	-19.269	-19.269	0	%100
52	M63	Z	0	0	0	%100
53	M65	X	-19.97	-19.97	0	%100
54	M65	Z	0	0	0	%100
55	M67	X	-6.345	-6.345	0	%100
56	M67	Z	0	0	0	%100
57	M68	X	0	0	0	%100
58	M68	Z	0	0	0	%100
59	M70	X	0	0	0	%100
60	M70	Z	0	0	0	%100
61	M72	X	-14.963	-14.963	0	%100
62	M72	Z	0	0	0	%100
63	M73A	X	0	0	0	%100
64	M73A	Z	0	0	0	%100
65	M74A	X	0	0	0	%100
66	M74A	Z	0	0	0	%100
67	M75A	X	0	0	0	%100
68	M75A	Z	0	0	0	%100
69	M78A	X	-10.299	-10.299	0	%100
70	M78A	Z	0	0	0	%100
71	M79A	X	-10.3	-10.3	0	%100
72	M79A	Z	0	0	0	%100
73	M84A	X	-25.381	-25.381	0	%100
74	M84A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	M85A	X	-19.269	-19.269	0	%100
76	M85A	Z	0	0	0	%100
77	M87	X	-19.97	-19.97	0	%100
78	M87	Z	0	0	0	%100
79	M89	X	-25.381	-25.381	0	%100
80	M89	Z	0	0	0	%100
81	M90	X	-19.269	-19.269	0	%100
82	M90	Z	0	0	0	%100
83	M92A	X	-19.97	-19.97	0	%100
84	M92A	Z	0	0	0	%100
85	MP2A	X	-9.985	-9.985	0	%100
86	MP2A	Z	0	0	0	%100
87	MP1C	X	-9.985	-9.985	0	%100
88	MP1C	Z	0	0	0	%100
89	MP4C	X	-9.985	-9.985	0	%100
90	MP4C	Z	0	0	0	%100
91	MP2C	X	-9.985	-9.985	0	%100
92	MP2C	Z	0	0	0	%100
93	MP1B	X	-9.985	-9.985	0	%100
94	MP1B	Z	0	0	0	%100
95	MP4B	X	-9.985	-9.985	0	%100
96	MP4B	Z	0	0	0	%100
97	MP2B	X	-9.985	-9.985	0	%100
98	MP2B	Z	0	0	0	%100
99	M94	X	-3.046	-3.046	0	%100
100	M94	Z	0	0	0	%100
101	M95	X	-12.184	-12.184	0	%100
102	M95	Z	0	0	0	%100
103	M96	X	-3.046	-3.046	0	%100
104	M96	Z	0	0	0	%100
105	M98	X	-8.165	-8.165	0	%100
106	M98	Z	0	0	0	%100
107	M100	X	-8.165	-8.165	0	%100
108	M100	Z	0	0	0	%100
109	M101	X	0	0	0	%100
110	M101	Z	0	0	0	%100
111	M108	X	-9.065	-9.065	0	%100
112	M108	Z	0	0	0	%100
113	M115	X	-9.065	-9.065	0	%100
114	M115	Z	0	0	0	%100
115	M122	X	-11.893	-11.893	0	%100
116	M122	Z	0	0	0	%100
117	M123	X	0	0	0	%100
118	M123	Z	0	0	0	%100
119	M124	X	-11.893	-11.893	0	%100
120	M124	Z	0	0	0	%100
121	M125	X	-20.186	-20.186	0	%100
122	M125	Z	0	0	0	%100
123	M126	X	-14.813	-14.813	0	%100
124	M126	Z	0	0	0	%100
125	M127	X	-14.813	-14.813	0	%100
126	M127	Z	0	0	0	%100
127	MP3C	X	-12.087	-12.087	0	%100
128	MP3C	Z	0	0	0	%100
129	MP3B	X	-12.087	-12.087	0	%100
130	MP3B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	-12.295	-12.295	0	%100
2	M20	Z	-7.098	-7.098	0	%100
3	M32	X	-3.074	-3.074	0	%100
4	M32	Z	-1.775	-1.775	0	%100
5	M33A	X	-3.074	-3.074	0	%100
6	M33A	Z	-1.775	-1.775	0	%100
7	MP1A	X	-8.647	-8.647	0	%100
8	MP1A	Z	-4.992	-4.992	0	%100
9	MP3A	X	-10.468	-10.468	0	%100
10	MP3A	Z	-6.044	-6.044	0	%100
11	MP4A	X	-8.647	-8.647	0	%100
12	MP4A	Z	-4.992	-4.992	0	%100
13	M72A	X	-9.719	-9.719	0	%100
14	M72A	Z	-5.611	-5.611	0	%100
15	M73	X	-3.385	-3.385	0	%100
16	M73	Z	-1.954	-1.954	0	%100
17	M74	X	-3.385	-3.385	0	%100
18	M74	Z	-1.954	-1.954	0	%100
19	M75	X	-5.461	-5.461	0	%100
20	M75	Z	-3.153	-3.153	0	%100
21	M78	X	-11.892	-11.892	0	%100
22	M78	Z	-6.866	-6.866	0	%100
23	M79	X	-2.973	-2.973	0	%100
24	M79	Z	-1.717	-1.717	0	%100
25	M84	X	-16.485	-16.485	0	%100
26	M84	Z	-9.518	-9.518	0	%100
27	M85	X	-5.563	-5.563	0	%100
28	M85	Z	-3.212	-3.212	0	%100
29	M87A	X	-5.765	-5.765	0	%100
30	M87A	Z	-3.328	-3.328	0	%100
31	M89A	X	-16.485	-16.485	0	%100
32	M89A	Z	-9.518	-9.518	0	%100
33	M90A	X	-22.25	-22.25	0	%100
34	M90A	Z	-12.846	-12.846	0	%100
35	M92	X	-23.059	-23.059	0	%100
36	M92	Z	-13.313	-13.313	0	%100
37	M50A	X	0	0	0	%100
38	M50A	Z	0	0	0	%100
39	M51A	X	-13.54	-13.54	0	%100
40	M51A	Z	-7.817	-7.817	0	%100
41	M52	X	-13.54	-13.54	0	%100
42	M52	Z	-7.817	-7.817	0	%100
43	M53A	X	-21.846	-21.846	0	%100
44	M53A	Z	-12.613	-12.613	0	%100
45	M56	X	-2.973	-2.973	0	%100
46	M56	Z	-1.716	-1.716	0	%100
47	M57	X	-2.973	-2.973	0	%100
48	M57	Z	-1.717	-1.717	0	%100
49	M62	X	0	0	0	%100
50	M62	Z	0	0	0	%100
51	M63	X	-5.563	-5.563	0	%100
52	M63	Z	-3.212	-3.212	0	%100
53	M65	X	-5.765	-5.765	0	%100
54	M65	Z	-3.328	-3.328	0	%100
55	M67	X	0	0	0	%100
56	M67	Z	0	0	0	%100
57	M68	X	-5.563	-5.563	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M68	Z	-3.212	-3.212	0	%100
59	M70	X	-5.765	-5.765	0	%100
60	M70	Z	-3.328	-3.328	0	%100
61	M72	X	-9.719	-9.719	0	%100
62	M72	Z	-5.611	-5.611	0	%100
63	M73A	X	-3.385	-3.385	0	%100
64	M73A	Z	-1.954	-1.954	0	%100
65	M74A	X	-3.385	-3.385	0	%100
66	M74A	Z	-1.954	-1.954	0	%100
67	M75A	X	-5.461	-5.461	0	%100
68	M75A	Z	-3.153	-3.153	0	%100
69	M78A	X	-2.973	-2.973	0	%100
70	M78A	Z	-1.716	-1.716	0	%100
71	M79A	X	-11.894	-11.894	0	%100
72	M79A	Z	-6.867	-6.867	0	%100
73	M84A	X	-16.485	-16.485	0	%100
74	M84A	Z	-9.518	-9.518	0	%100
75	M85A	X	-22.25	-22.25	0	%100
76	M85A	Z	-12.846	-12.846	0	%100
77	M87	X	-23.059	-23.059	0	%100
78	M87	Z	-13.313	-13.313	0	%100
79	M89	X	-16.485	-16.485	0	%100
80	M89	Z	-9.518	-9.518	0	%100
81	M90	X	-5.563	-5.563	0	%100
82	M90	Z	-3.212	-3.212	0	%100
83	M92A	X	-5.765	-5.765	0	%100
84	M92A	Z	-3.328	-3.328	0	%100
85	MP2A	X	-8.647	-8.647	0	%100
86	MP2A	Z	-4.992	-4.992	0	%100
87	MP1C	X	-8.647	-8.647	0	%100
88	MP1C	Z	-4.992	-4.992	0	%100
89	MP4C	X	-8.647	-8.647	0	%100
90	MP4C	Z	-4.992	-4.992	0	%100
91	MP2C	X	-8.647	-8.647	0	%100
92	MP2C	Z	-4.992	-4.992	0	%100
93	MP1B	X	-8.647	-8.647	0	%100
94	MP1B	Z	-4.992	-4.992	0	%100
95	MP4B	X	-8.647	-8.647	0	%100
96	MP4B	Z	-4.992	-4.992	0	%100
97	MP2B	X	-8.647	-8.647	0	%100
98	MP2B	Z	-4.992	-4.992	0	%100
99	M94	X	-7.914	-7.914	0	%100
100	M94	Z	-4.569	-4.569	0	%100
101	M95	X	-7.914	-7.914	0	%100
102	M95	Z	-4.569	-4.569	0	%100
103	M96	X	0	0	0	%100
104	M96	Z	0	0	0	%100
105	M98	X	-7.071	-7.071	0	%100
106	M98	Z	-4.083	-4.083	0	%100
107	M100	X	-7.071	-7.071	0	%100
108	M100	Z	-4.083	-4.083	0	%100
109	M101	X	-2.617	-2.617	0	%100
110	M101	Z	-1.511	-1.511	0	%100
111	M108	X	-2.617	-2.617	0	%100
112	M108	Z	-1.511	-1.511	0	%100
113	M115	X	-10.468	-10.468	0	%100
114	M115	Z	-6.044	-6.044	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M122	X	-3.433	-3.433	0	%100
116	M122	Z	-1.982	-1.982	0	%100
117	M123	X	-3.433	-3.433	0	%100
118	M123	Z	-1.982	-1.982	0	%100
119	M124	X	-13.733	-13.733	0	%100
120	M124	Z	-7.929	-7.929	0	%100
121	M125	X	-15.93	-15.93	0	%100
122	M125	Z	-9.197	-9.197	0	%100
123	M126	X	-15.93	-15.93	0	%100
124	M126	Z	-9.197	-9.197	0	%100
125	M127	X	-11.277	-11.277	0	%100
126	M127	Z	-6.511	-6.511	0	%100
127	MP3C	X	-10.468	-10.468	0	%100
128	MP3C	Z	-6.044	-6.044	0	%100
129	MP3B	X	-10.468	-10.468	0	%100
130	MP3B	Z	-6.044	-6.044	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	-5.324	-5.324	0	%100
2	M20	Z	-9.221	-9.221	0	%100
3	M32	X	-5.324	-5.324	0	%100
4	M32	Z	-9.221	-9.221	0	%100
5	M33A	X	0	0	0	%100
6	M33A	Z	0	0	0	%100
7	MP1A	X	-4.992	-4.992	0	%100
8	MP1A	Z	-8.647	-8.647	0	%100
9	MP3A	X	-6.044	-6.044	0	%100
10	MP3A	Z	-10.468	-10.468	0	%100
11	MP4A	X	-4.992	-4.992	0	%100
12	MP4A	Z	-8.647	-8.647	0	%100
13	M72A	X	-7.481	-7.481	0	%100
14	M72A	Z	-12.958	-12.958	0	%100
15	M73	X	0	0	0	%100
16	M73	Z	0	0	0	%100
17	M74	X	0	0	0	%100
18	M74	Z	0	0	0	%100
19	M75	X	0	0	0	%100
20	M75	Z	0	0	0	%100
21	M78	X	-5.149	-5.149	0	%100
22	M78	Z	-8.919	-8.919	0	%100
23	M79	X	-5.15	-5.15	0	%100
24	M79	Z	-8.92	-8.92	0	%100
25	M84	X	-12.69	-12.69	0	%100
26	M84	Z	-21.981	-21.981	0	%100
27	M85	X	-9.635	-9.635	0	%100
28	M85	Z	-16.688	-16.688	0	%100
29	M87A	X	-9.985	-9.985	0	%100
30	M87A	Z	-17.294	-17.294	0	%100
31	M89A	X	-12.69	-12.69	0	%100
32	M89A	Z	-21.981	-21.981	0	%100
33	M90A	X	-9.635	-9.635	0	%100
34	M90A	Z	-16.688	-16.688	0	%100
35	M92	X	-9.985	-9.985	0	%100
36	M92	Z	-17.294	-17.294	0	%100
37	M50A	X	-1.87	-1.87	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	M50A	Z	-3.24	-3.24	0	%100
39	M51A	X	-5.863	-5.863	0	%100
40	M51A	Z	-10.155	-10.155	0	%100
41	M52	X	-5.863	-5.863	0	%100
42	M52	Z	-10.155	-10.155	0	%100
43	M53A	X	-9.459	-9.459	0	%100
44	M53A	Z	-16.384	-16.384	0	%100
45	M56	X	-5.149	-5.149	0	%100
46	M56	Z	-8.919	-8.919	0	%100
47	M57	X	0	0	0	%100
48	M57	Z	0	0	0	%100
49	M62	X	-3.173	-3.173	0	%100
50	M62	Z	-5.495	-5.495	0	%100
51	M63	X	0	0	0	%100
52	M63	Z	0	0	0	%100
53	M65	X	0	0	0	%100
54	M65	Z	0	0	0	%100
55	M67	X	-3.173	-3.173	0	%100
56	M67	Z	-5.495	-5.495	0	%100
57	M68	X	-9.635	-9.635	0	%100
58	M68	Z	-16.688	-16.688	0	%100
59	M70	X	-9.985	-9.985	0	%100
60	M70	Z	-17.294	-17.294	0	%100
61	M72	X	-1.87	-1.87	0	%100
62	M72	Z	-3.24	-3.24	0	%100
63	M73A	X	-5.863	-5.863	0	%100
64	M73A	Z	-10.155	-10.155	0	%100
65	M74A	X	-5.863	-5.863	0	%100
66	M74A	Z	-10.155	-10.155	0	%100
67	M75A	X	-9.459	-9.459	0	%100
68	M75A	Z	-16.384	-16.384	0	%100
69	M78A	X	0	0	0	%100
70	M78A	Z	0	0	0	%100
71	M79A	X	-5.15	-5.15	0	%100
72	M79A	Z	-8.92	-8.92	0	%100
73	M84A	X	-3.173	-3.173	0	%100
74	M84A	Z	-5.495	-5.495	0	%100
75	M85A	X	-9.635	-9.635	0	%100
76	M85A	Z	-16.688	-16.688	0	%100
77	M87	X	-9.985	-9.985	0	%100
78	M87	Z	-17.294	-17.294	0	%100
79	M89	X	-3.173	-3.173	0	%100
80	M89	Z	-5.495	-5.495	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	0	0	0	%100
83	M92A	X	0	0	0	%100
84	M92A	Z	0	0	0	%100
85	MP2A	X	-4.992	-4.992	0	%100
86	MP2A	Z	-8.647	-8.647	0	%100
87	MP1C	X	-4.992	-4.992	0	%100
88	MP1C	Z	-8.647	-8.647	0	%100
89	MP4C	X	-4.992	-4.992	0	%100
90	MP4C	Z	-8.647	-8.647	0	%100
91	MP2C	X	-4.992	-4.992	0	%100
92	MP2C	Z	-8.647	-8.647	0	%100
93	MP1B	X	-4.992	-4.992	0	%100
94	MP1B	Z	-8.647	-8.647	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
95	MP4B	X	-4.992	-4.992	0	%100
96	MP4B	Z	-8.647	-8.647	0	%100
97	MP2B	X	-4.992	-4.992	0	%100
98	MP2B	Z	-8.647	-8.647	0	%100
99	M94	X	-6.092	-6.092	0	%100
100	M94	Z	-10.552	-10.552	0	%100
101	M95	X	-1.523	-1.523	0	%100
102	M95	Z	-2.638	-2.638	0	%100
103	M96	X	-1.523	-1.523	0	%100
104	M96	Z	-2.638	-2.638	0	%100
105	M98	X	-4.083	-4.083	0	%100
106	M98	Z	-7.071	-7.071	0	%100
107	M100	X	-4.083	-4.083	0	%100
108	M100	Z	-7.071	-7.071	0	%100
109	M101	X	-4.533	-4.533	0	%100
110	M101	Z	-7.851	-7.851	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M115	X	-4.533	-4.533	0	%100
114	M115	Z	-7.851	-7.851	0	%100
115	M122	X	0	0	0	%100
116	M122	Z	0	0	0	%100
117	M123	X	-5.946	-5.946	0	%100
118	M123	Z	-10.3	-10.3	0	%100
119	M124	X	-5.946	-5.946	0	%100
120	M124	Z	-10.3	-10.3	0	%100
121	M125	X	-7.406	-7.406	0	%100
122	M125	Z	-12.828	-12.828	0	%100
123	M126	X	-10.093	-10.093	0	%100
124	M126	Z	-17.481	-17.481	0	%100
125	M127	X	-7.406	-7.406	0	%100
126	M127	Z	-12.828	-12.828	0	%100
127	MP3C	X	-6.044	-6.044	0	%100
128	MP3C	Z	-10.468	-10.468	0	%100
129	MP3B	X	-6.044	-6.044	0	%100
130	MP3B	Z	-10.468	-10.468	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	0	0	0	%100
2	M20	Z	-1.059	-1.059	0	%100
3	M32	X	0	0	0	%100
4	M32	Z	-4.238	-4.238	0	%100
5	M33A	X	0	0	0	%100
6	M33A	Z	-1.059	-1.059	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	-3.417	-3.417	0	%100
9	MP3A	X	0	0	0	%100
10	MP3A	Z	-3.782	-3.782	0	%100
11	MP4A	X	0	0	0	%100
12	MP4A	Z	-3.417	-3.417	0	%100
13	M72A	X	0	0	0	%100
14	M72A	Z	-3.211	-3.211	0	%100
15	M73	X	0	0	0	%100
16	M73	Z	-1.002	-1.002	0	%100
17	M74	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M74	Z	-1.002	-1.002	0	%100
19	M75	X	0	0	0	%100
20	M75	Z	-1.365	-1.365	0	%100
21	M78	X	0	0	0	%100
22	M78	Z	-.983	-.983	0	%100
23	M79	X	0	0	0	%100
24	M79	Z	-3.932	-3.932	0	%100
25	M84	X	0	0	0	%100
26	M84	Z	-4.041	-4.041	0	%100
27	M85	X	0	0	0	%100
28	M85	Z	-5.442	-5.442	0	%100
29	M87A	X	0	0	0	%100
30	M87A	Z	-5.604	-5.604	0	%100
31	M89A	X	0	0	0	%100
32	M89A	Z	-4.041	-4.041	0	%100
33	M90A	X	0	0	0	%100
34	M90A	Z	-1.361	-1.361	0	%100
35	M92	X	0	0	0	%100
36	M92	Z	-1.401	-1.401	0	%100
37	M50A	X	0	0	0	%100
38	M50A	Z	-3.211	-3.211	0	%100
39	M51A	X	0	0	0	%100
40	M51A	Z	-1.002	-1.002	0	%100
41	M52	X	0	0	0	%100
42	M52	Z	-1.002	-1.002	0	%100
43	M53A	X	0	0	0	%100
44	M53A	Z	-1.365	-1.365	0	%100
45	M56	X	0	0	0	%100
46	M56	Z	-3.931	-3.931	0	%100
47	M57	X	0	0	0	%100
48	M57	Z	-.983	-.983	0	%100
49	M62	X	0	0	0	%100
50	M62	Z	-4.041	-4.041	0	%100
51	M63	X	0	0	0	%100
52	M63	Z	-1.361	-1.361	0	%100
53	M65	X	0	0	0	%100
54	M65	Z	-1.401	-1.401	0	%100
55	M67	X	0	0	0	%100
56	M67	Z	-4.041	-4.041	0	%100
57	M68	X	0	0	0	%100
58	M68	Z	-5.442	-5.442	0	%100
59	M70	X	0	0	0	%100
60	M70	Z	-5.604	-5.604	0	%100
61	M72	X	0	0	0	%100
62	M72	Z	0	0	0	%100
63	M73A	X	0	0	0	%100
64	M73A	Z	-4.008	-4.008	0	%100
65	M74A	X	0	0	0	%100
66	M74A	Z	-4.008	-4.008	0	%100
67	M75A	X	0	0	0	%100
68	M75A	Z	-5.461	-5.461	0	%100
69	M78A	X	0	0	0	%100
70	M78A	Z	-.983	-.983	0	%100
71	M79A	X	0	0	0	%100
72	M79A	Z	-.983	-.983	0	%100
73	M84A	X	0	0	0	%100
74	M84A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	M85A	X	0	0	0	%100
76	M85A	Z	-1.361	-1.361	0	%100
77	M87	X	0	0	0	%100
78	M87	Z	-1.401	-1.401	0	%100
79	M89	X	0	0	0	%100
80	M89	Z	0	0	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	-1.361	-1.361	0	%100
83	M92A	X	0	0	0	%100
84	M92A	Z	-1.401	-1.401	0	%100
85	MP2A	X	0	0	0	%100
86	MP2A	Z	-3.417	-3.417	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	-3.417	-3.417	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	-3.417	-3.417	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	-3.417	-3.417	0	%100
93	MP1B	X	0	0	0	%100
94	MP1B	Z	-3.417	-3.417	0	%100
95	MP4B	X	0	0	0	%100
96	MP4B	Z	-3.417	-3.417	0	%100
97	MP2B	X	0	0	0	%100
98	MP2B	Z	-3.417	-3.417	0	%100
99	M94	X	0	0	0	%100
100	M94	Z	-2.437	-2.437	0	%100
101	M95	X	0	0	0	%100
102	M95	Z	0	0	0	%100
103	M96	X	0	0	0	%100
104	M96	Z	-2.437	-2.437	0	%100
105	M98	X	0	0	0	%100
106	M98	Z	-2.808	-2.808	0	%100
107	M100	X	0	0	0	%100
108	M100	Z	-2.808	-2.808	0	%100
109	M101	X	0	0	0	%100
110	M101	Z	-3.782	-3.782	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	-.945	-.945	0	%100
113	M115	X	0	0	0	%100
114	M115	Z	-.945	-.945	0	%100
115	M122	X	0	0	0	%100
116	M122	Z	-1.018	-1.018	0	%100
117	M123	X	0	0	0	%100
118	M123	Z	-4.073	-4.073	0	%100
119	M124	X	0	0	0	%100
120	M124	Z	-1.018	-1.018	0	%100
121	M125	X	0	0	0	%100
122	M125	Z	-2.906	-2.906	0	%100
123	M126	X	0	0	0	%100
124	M126	Z	-4.617	-4.617	0	%100
125	M127	X	0	0	0	%100
126	M127	Z	-4.617	-4.617	0	%100
127	MP3C	X	0	0	0	%100
128	MP3C	Z	-3.782	-3.782	0	%100
129	MP3B	X	0	0	0	%100
130	MP3B	Z	-3.782	-3.782	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M32	X	1.589	1.589	0	%100
4	M32	Z	-2.752	-2.752	0	%100
5	M33A	X	1.589	1.589	0	%100
6	M33A	Z	-2.752	-2.752	0	%100
7	MP1A	X	1.708	1.708	0	%100
8	MP1A	Z	-2.959	-2.959	0	%100
9	MP3A	X	1.891	1.891	0	%100
10	MP3A	Z	-3.275	-3.275	0	%100
11	MP4A	X	1.708	1.708	0	%100
12	MP4A	Z	-2.959	-2.959	0	%100
13	M72A	X	.535	.535	0	%100
14	M72A	Z	-.927	-.927	0	%100
15	M73	X	1.503	1.503	0	%100
16	M73	Z	-2.604	-2.604	0	%100
17	M74	X	1.503	1.503	0	%100
18	M74	Z	-2.604	-2.604	0	%100
19	M75	X	2.048	2.048	0	%100
20	M75	Z	-3.547	-3.547	0	%100
21	M78	X	0	0	0	%100
22	M78	Z	0	0	0	%100
23	M79	X	1.474	1.474	0	%100
24	M79	Z	-2.554	-2.554	0	%100
25	M84	X	.674	.674	0	%100
26	M84	Z	-1.167	-1.167	0	%100
27	M85	X	2.041	2.041	0	%100
28	M85	Z	-3.535	-3.535	0	%100
29	M87A	X	2.102	2.102	0	%100
30	M87A	Z	-3.64	-3.64	0	%100
31	M89A	X	.674	.674	0	%100
32	M89A	Z	-1.167	-1.167	0	%100
33	M90A	X	0	0	0	%100
34	M90A	Z	0	0	0	%100
35	M92	X	0	0	0	%100
36	M92	Z	0	0	0	%100
37	M50A	X	2.14	2.14	0	%100
38	M50A	Z	-3.707	-3.707	0	%100
39	M51A	X	0	0	0	%100
40	M51A	Z	0	0	0	%100
41	M52	X	0	0	0	%100
42	M52	Z	0	0	0	%100
43	M53A	X	0	0	0	%100
44	M53A	Z	0	0	0	%100
45	M56	X	1.474	1.474	0	%100
46	M56	Z	-2.553	-2.553	0	%100
47	M57	X	1.474	1.474	0	%100
48	M57	Z	-2.554	-2.554	0	%100
49	M62	X	2.694	2.694	0	%100
50	M62	Z	-4.666	-4.666	0	%100
51	M63	X	2.041	2.041	0	%100
52	M63	Z	-3.535	-3.535	0	%100
53	M65	X	2.102	2.102	0	%100
54	M65	Z	-3.64	-3.64	0	%100
55	M67	X	2.694	2.694	0	%100
56	M67	Z	-4.666	-4.666	0	%100
57	M68	X	2.041	2.041	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M68	Z	-3.535	-3.535	0	%100
59	M70	X	2.102	2.102	0	%100
60	M70	Z	-3.64	-3.64	0	%100
61	M72	X	.535	.535	0	%100
62	M72	Z	-.927	-.927	0	%100
63	M73A	X	1.503	1.503	0	%100
64	M73A	Z	-2.604	-2.604	0	%100
65	M74A	X	1.503	1.503	0	%100
66	M74A	Z	-2.604	-2.604	0	%100
67	M75A	X	2.048	2.048	0	%100
68	M75A	Z	-3.547	-3.547	0	%100
69	M78A	X	1.474	1.474	0	%100
70	M78A	Z	-2.553	-2.553	0	%100
71	M79A	X	0	0	0	%100
72	M79A	Z	0	0	0	%100
73	M84A	X	.674	.674	0	%100
74	M84A	Z	-1.167	-1.167	0	%100
75	M85A	X	0	0	0	%100
76	M85A	Z	0	0	0	%100
77	M87	X	0	0	0	%100
78	M87	Z	0	0	0	%100
79	M89	X	.674	.674	0	%100
80	M89	Z	-1.167	-1.167	0	%100
81	M90	X	2.041	2.041	0	%100
82	M90	Z	-3.535	-3.535	0	%100
83	M92A	X	2.102	2.102	0	%100
84	M92A	Z	-3.64	-3.64	0	%100
85	MP2A	X	1.708	1.708	0	%100
86	MP2A	Z	-2.959	-2.959	0	%100
87	MP1C	X	1.708	1.708	0	%100
88	MP1C	Z	-2.959	-2.959	0	%100
89	MP4C	X	1.708	1.708	0	%100
90	MP4C	Z	-2.959	-2.959	0	%100
91	MP2C	X	1.708	1.708	0	%100
92	MP2C	Z	-2.959	-2.959	0	%100
93	MP1B	X	1.708	1.708	0	%100
94	MP1B	Z	-2.959	-2.959	0	%100
95	MP4B	X	1.708	1.708	0	%100
96	MP4B	Z	-2.959	-2.959	0	%100
97	MP2B	X	1.708	1.708	0	%100
98	MP2B	Z	-2.959	-2.959	0	%100
99	M94	X	.406	.406	0	%100
100	M94	Z	-.703	-.703	0	%100
101	M95	X	.406	.406	0	%100
102	M95	Z	-.703	-.703	0	%100
103	M96	X	1.625	1.625	0	%100
104	M96	Z	-2.814	-2.814	0	%100
105	M98	X	1.404	1.404	0	%100
106	M98	Z	-2.432	-2.432	0	%100
107	M100	X	1.404	1.404	0	%100
108	M100	Z	-2.432	-2.432	0	%100
109	M101	X	1.418	1.418	0	%100
110	M101	Z	-2.456	-2.456	0	%100
111	M108	X	1.418	1.418	0	%100
112	M108	Z	-2.456	-2.456	0	%100
113	M115	X	0	0	0	%100
114	M115	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M122	X	1.527	1.527	0	%100
116	M122	Z	-2.645	-2.645	0	%100
117	M123	X	1.527	1.527	0	%100
118	M123	Z	-2.645	-2.645	0	%100
119	M124	X	0	0	0	%100
120	M124	Z	0	0	0	%100
121	M125	X	1.738	1.738	0	%100
122	M125	Z	-3.01	-3.01	0	%100
123	M126	X	1.738	1.738	0	%100
124	M126	Z	-3.01	-3.01	0	%100
125	M127	X	2.594	2.594	0	%100
126	M127	Z	-4.493	-4.493	0	%100
127	MP3C	X	1.891	1.891	0	%100
128	MP3C	Z	-3.275	-3.275	0	%100
129	MP3B	X	1.891	1.891	0	%100
130	MP3B	Z	-3.275	-3.275	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	.917	.917	0	%100
2	M20	Z	-.53	-.53	0	%100
3	M32	X	.917	.917	0	%100
4	M32	Z	-.53	-.53	0	%100
5	M33A	X	3.67	3.67	0	%100
6	M33A	Z	-2.119	-2.119	0	%100
7	MP1A	X	2.959	2.959	0	%100
8	MP1A	Z	-1.708	-1.708	0	%100
9	MP3A	X	3.275	3.275	0	%100
10	MP3A	Z	-1.891	-1.891	0	%100
11	MP4A	X	2.959	2.959	0	%100
12	MP4A	Z	-1.708	-1.708	0	%100
13	M72A	X	0	0	0	%100
14	M72A	Z	0	0	0	%100
15	M73	X	3.471	3.471	0	%100
16	M73	Z	-2.004	-2.004	0	%100
17	M74	X	3.471	3.471	0	%100
18	M74	Z	-2.004	-2.004	0	%100
19	M75	X	4.729	4.729	0	%100
20	M75	Z	-2.73	-2.73	0	%100
21	M78	X	.851	.851	0	%100
22	M78	Z	-.491	-.491	0	%100
23	M79	X	.851	.851	0	%100
24	M79	Z	-.491	-.491	0	%100
25	M84	X	0	0	0	%100
26	M84	Z	0	0	0	%100
27	M85	X	1.178	1.178	0	%100
28	M85	Z	-.68	-.68	0	%100
29	M87A	X	1.213	1.213	0	%100
30	M87A	Z	-.701	-.701	0	%100
31	M89A	X	0	0	0	%100
32	M89A	Z	0	0	0	%100
33	M90A	X	1.178	1.178	0	%100
34	M90A	Z	-.68	-.68	0	%100
35	M92	X	1.213	1.213	0	%100
36	M92	Z	-.701	-.701	0	%100
37	M50A	X	2.78	2.78	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	M50A	Z	-1.605	-1.605	0	%100
39	M51A	X	.868	.868	0	%100
40	M51A	Z	-.501	-.501	0	%100
41	M52	X	.868	.868	0	%100
42	M52	Z	-.501	-.501	0	%100
43	M53A	X	1.182	1.182	0	%100
44	M53A	Z	-.683	-.683	0	%100
45	M56	X	.851	.851	0	%100
46	M56	Z	-.491	-.491	0	%100
47	M57	X	3.405	3.405	0	%100
48	M57	Z	-1.966	-1.966	0	%100
49	M62	X	3.5	3.5	0	%100
50	M62	Z	-2.021	-2.021	0	%100
51	M63	X	4.713	4.713	0	%100
52	M63	Z	-2.721	-2.721	0	%100
53	M65	X	4.854	4.854	0	%100
54	M65	Z	-2.802	-2.802	0	%100
55	M67	X	3.5	3.5	0	%100
56	M67	Z	-2.021	-2.021	0	%100
57	M68	X	1.178	1.178	0	%100
58	M68	Z	-.68	-.68	0	%100
59	M70	X	1.213	1.213	0	%100
60	M70	Z	-.701	-.701	0	%100
61	M72	X	2.78	2.78	0	%100
62	M72	Z	-1.605	-1.605	0	%100
63	M73A	X	.868	.868	0	%100
64	M73A	Z	-.501	-.501	0	%100
65	M74A	X	.868	.868	0	%100
66	M74A	Z	-.501	-.501	0	%100
67	M75A	X	1.182	1.182	0	%100
68	M75A	Z	-.683	-.683	0	%100
69	M78A	X	3.404	3.404	0	%100
70	M78A	Z	-1.966	-1.966	0	%100
71	M79A	X	.851	.851	0	%100
72	M79A	Z	-.491	-.491	0	%100
73	M84A	X	3.5	3.5	0	%100
74	M84A	Z	-2.021	-2.021	0	%100
75	M85A	X	1.178	1.178	0	%100
76	M85A	Z	-.68	-.68	0	%100
77	M87	X	1.213	1.213	0	%100
78	M87	Z	-.701	-.701	0	%100
79	M89	X	3.5	3.5	0	%100
80	M89	Z	-2.021	-2.021	0	%100
81	M90	X	4.713	4.713	0	%100
82	M90	Z	-2.721	-2.721	0	%100
83	M92A	X	4.854	4.854	0	%100
84	M92A	Z	-2.802	-2.802	0	%100
85	MP2A	X	2.959	2.959	0	%100
86	MP2A	Z	-1.708	-1.708	0	%100
87	MP1C	X	2.959	2.959	0	%100
88	MP1C	Z	-1.708	-1.708	0	%100
89	MP4C	X	2.959	2.959	0	%100
90	MP4C	Z	-1.708	-1.708	0	%100
91	MP2C	X	2.959	2.959	0	%100
92	MP2C	Z	-1.708	-1.708	0	%100
93	MP1B	X	2.959	2.959	0	%100
94	MP1B	Z	-1.708	-1.708	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
95	MP4B	X	2.959	2.959	0	%100
96	MP4B	Z	-1.708	-1.708	0	%100
97	MP2B	X	2.959	2.959	0	%100
98	MP2B	Z	-1.708	-1.708	0	%100
99	M94	X	0	0	0	%100
100	M94	Z	0	0	0	%100
101	M95	X	2.11	2.11	0	%100
102	M95	Z	-1.218	-1.218	0	%100
103	M96	X	2.11	2.11	0	%100
104	M96	Z	-1.218	-1.218	0	%100
105	M98	X	2.432	2.432	0	%100
106	M98	Z	-1.404	-1.404	0	%100
107	M100	X	2.432	2.432	0	%100
108	M100	Z	-1.404	-1.404	0	%100
109	M101	X	.819	.819	0	%100
110	M101	Z	-.473	-.473	0	%100
111	M108	X	3.275	3.275	0	%100
112	M108	Z	-1.891	-1.891	0	%100
113	M115	X	.819	.819	0	%100
114	M115	Z	-.473	-.473	0	%100
115	M122	X	3.527	3.527	0	%100
116	M122	Z	-2.036	-2.036	0	%100
117	M123	X	.882	.882	0	%100
118	M123	Z	-.509	-.509	0	%100
119	M124	X	.882	.882	0	%100
120	M124	Z	-.509	-.509	0	%100
121	M125	X	3.999	3.999	0	%100
122	M125	Z	-2.309	-2.309	0	%100
123	M126	X	2.516	2.516	0	%100
124	M126	Z	-1.453	-1.453	0	%100
125	M127	X	3.999	3.999	0	%100
126	M127	Z	-2.309	-2.309	0	%100
127	MP3C	X	3.275	3.275	0	%100
128	MP3C	Z	-1.891	-1.891	0	%100
129	MP3B	X	3.275	3.275	0	%100
130	MP3B	Z	-1.891	-1.891	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	3.178	3.178	0	%100
2	M20	Z	0	0	0	%100
3	M32	X	0	0	0	%100
4	M32	Z	0	0	0	%100
5	M33A	X	3.178	3.178	0	%100
6	M33A	Z	0	0	0	%100
7	MP1A	X	3.417	3.417	0	%100
8	MP1A	Z	0	0	0	%100
9	MP3A	X	3.782	3.782	0	%100
10	MP3A	Z	0	0	0	%100
11	MP4A	X	3.417	3.417	0	%100
12	MP4A	Z	0	0	0	%100
13	M72A	X	1.07	1.07	0	%100
14	M72A	Z	0	0	0	%100
15	M73	X	3.006	3.006	0	%100
16	M73	Z	0	0	0	%100
17	M74	X	3.006	3.006	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M74	Z	0	0	0	%100
19	M75	X	4.096	4.096	0	%100
20	M75	Z	0	0	0	%100
21	M78	X	2.948	2.948	0	%100
22	M78	Z	0	0	0	%100
23	M79	X	0	0	0	%100
24	M79	Z	0	0	0	%100
25	M84	X	1.347	1.347	0	%100
26	M84	Z	0	0	0	%100
27	M85	X	0	0	0	%100
28	M85	Z	0	0	0	%100
29	M87A	X	0	0	0	%100
30	M87A	Z	0	0	0	%100
31	M89A	X	1.347	1.347	0	%100
32	M89A	Z	0	0	0	%100
33	M90A	X	4.082	4.082	0	%100
34	M90A	Z	0	0	0	%100
35	M92	X	4.203	4.203	0	%100
36	M92	Z	0	0	0	%100
37	M50A	X	1.07	1.07	0	%100
38	M50A	Z	0	0	0	%100
39	M51A	X	3.006	3.006	0	%100
40	M51A	Z	0	0	0	%100
41	M52	X	3.006	3.006	0	%100
42	M52	Z	0	0	0	%100
43	M53A	X	4.096	4.096	0	%100
44	M53A	Z	0	0	0	%100
45	M56	X	0	0	0	%100
46	M56	Z	0	0	0	%100
47	M57	X	2.949	2.949	0	%100
48	M57	Z	0	0	0	%100
49	M62	X	1.347	1.347	0	%100
50	M62	Z	0	0	0	%100
51	M63	X	4.082	4.082	0	%100
52	M63	Z	0	0	0	%100
53	M65	X	4.203	4.203	0	%100
54	M65	Z	0	0	0	%100
55	M67	X	1.347	1.347	0	%100
56	M67	Z	0	0	0	%100
57	M68	X	0	0	0	%100
58	M68	Z	0	0	0	%100
59	M70	X	0	0	0	%100
60	M70	Z	0	0	0	%100
61	M72	X	4.281	4.281	0	%100
62	M72	Z	0	0	0	%100
63	M73A	X	0	0	0	%100
64	M73A	Z	0	0	0	%100
65	M74A	X	0	0	0	%100
66	M74A	Z	0	0	0	%100
67	M75A	X	0	0	0	%100
68	M75A	Z	0	0	0	%100
69	M78A	X	2.948	2.948	0	%100
70	M78A	Z	0	0	0	%100
71	M79A	X	2.949	2.949	0	%100
72	M79A	Z	0	0	0	%100
73	M84A	X	5.388	5.388	0	%100
74	M84A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	M85A	X	4.082	4.082	0	%100
76	M85A	Z	0	0	0	%100
77	M87	X	4.203	4.203	0	%100
78	M87	Z	0	0	0	%100
79	M89	X	5.388	5.388	0	%100
80	M89	Z	0	0	0	%100
81	M90	X	4.082	4.082	0	%100
82	M90	Z	0	0	0	%100
83	M92A	X	4.203	4.203	0	%100
84	M92A	Z	0	0	0	%100
85	MP2A	X	3.417	3.417	0	%100
86	MP2A	Z	0	0	0	%100
87	MP1C	X	3.417	3.417	0	%100
88	MP1C	Z	0	0	0	%100
89	MP4C	X	3.417	3.417	0	%100
90	MP4C	Z	0	0	0	%100
91	MP2C	X	3.417	3.417	0	%100
92	MP2C	Z	0	0	0	%100
93	MP1B	X	3.417	3.417	0	%100
94	MP1B	Z	0	0	0	%100
95	MP4B	X	3.417	3.417	0	%100
96	MP4B	Z	0	0	0	%100
97	MP2B	X	3.417	3.417	0	%100
98	MP2B	Z	0	0	0	%100
99	M94	X	.812	.812	0	%100
100	M94	Z	0	0	0	%100
101	M95	X	3.249	3.249	0	%100
102	M95	Z	0	0	0	%100
103	M96	X	.812	.812	0	%100
104	M96	Z	0	0	0	%100
105	M98	X	2.808	2.808	0	%100
106	M98	Z	0	0	0	%100
107	M100	X	2.808	2.808	0	%100
108	M100	Z	0	0	0	%100
109	M101	X	0	0	0	%100
110	M101	Z	0	0	0	%100
111	M108	X	2.836	2.836	0	%100
112	M108	Z	0	0	0	%100
113	M115	X	2.836	2.836	0	%100
114	M115	Z	0	0	0	%100
115	M122	X	3.055	3.055	0	%100
116	M122	Z	0	0	0	%100
117	M123	X	0	0	0	%100
118	M123	Z	0	0	0	%100
119	M124	X	3.055	3.055	0	%100
120	M124	Z	0	0	0	%100
121	M125	X	5.188	5.188	0	%100
122	M125	Z	0	0	0	%100
123	M126	X	3.476	3.476	0	%100
124	M126	Z	0	0	0	%100
125	M127	X	3.476	3.476	0	%100
126	M127	Z	0	0	0	%100
127	MP3C	X	3.782	3.782	0	%100
128	MP3C	Z	0	0	0	%100
129	MP3B	X	3.782	3.782	0	%100
130	MP3B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	3.67	3.67	0	%100
2	M20	Z	2.119	2.119	0	%100
3	M32	X	.917	.917	0	%100
4	M32	Z	.53	.53	0	%100
5	M33A	X	.917	.917	0	%100
6	M33A	Z	.53	.53	0	%100
7	MP1A	X	2.959	2.959	0	%100
8	MP1A	Z	1.708	1.708	0	%100
9	MP3A	X	3.275	3.275	0	%100
10	MP3A	Z	1.891	1.891	0	%100
11	MP4A	X	2.959	2.959	0	%100
12	MP4A	Z	1.708	1.708	0	%100
13	M72A	X	2.78	2.78	0	%100
14	M72A	Z	1.605	1.605	0	%100
15	M73	X	.868	.868	0	%100
16	M73	Z	.501	.501	0	%100
17	M74	X	.868	.868	0	%100
18	M74	Z	.501	.501	0	%100
19	M75	X	1.182	1.182	0	%100
20	M75	Z	.683	.683	0	%100
21	M78	X	3.404	3.404	0	%100
22	M78	Z	1.966	1.966	0	%100
23	M79	X	.851	.851	0	%100
24	M79	Z	.491	.491	0	%100
25	M84	X	3.5	3.5	0	%100
26	M84	Z	2.021	2.021	0	%100
27	M85	X	1.178	1.178	0	%100
28	M85	Z	.68	.68	0	%100
29	M87A	X	1.213	1.213	0	%100
30	M87A	Z	.701	.701	0	%100
31	M89A	X	3.5	3.5	0	%100
32	M89A	Z	2.021	2.021	0	%100
33	M90A	X	4.713	4.713	0	%100
34	M90A	Z	2.721	2.721	0	%100
35	M92	X	4.854	4.854	0	%100
36	M92	Z	2.802	2.802	0	%100
37	M50A	X	0	0	0	%100
38	M50A	Z	0	0	0	%100
39	M51A	X	3.471	3.471	0	%100
40	M51A	Z	2.004	2.004	0	%100
41	M52	X	3.471	3.471	0	%100
42	M52	Z	2.004	2.004	0	%100
43	M53A	X	4.729	4.729	0	%100
44	M53A	Z	2.73	2.73	0	%100
45	M56	X	.851	.851	0	%100
46	M56	Z	.491	.491	0	%100
47	M57	X	.851	.851	0	%100
48	M57	Z	.491	.491	0	%100
49	M62	X	0	0	0	%100
50	M62	Z	0	0	0	%100
51	M63	X	1.178	1.178	0	%100
52	M63	Z	.68	.68	0	%100
53	M65	X	1.213	1.213	0	%100
54	M65	Z	.701	.701	0	%100
55	M67	X	0	0	0	%100
56	M67	Z	0	0	0	%100
57	M68	X	1.178	1.178	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M68	Z	.68	.68	0	%100
59	M70	X	1.213	1.213	0	%100
60	M70	Z	.701	.701	0	%100
61	M72	X	2.78	2.78	0	%100
62	M72	Z	1.605	1.605	0	%100
63	M73A	X	.868	.868	0	%100
64	M73A	Z	.501	.501	0	%100
65	M74A	X	.868	.868	0	%100
66	M74A	Z	.501	.501	0	%100
67	M75A	X	1.182	1.182	0	%100
68	M75A	Z	.683	.683	0	%100
69	M78A	X	.851	.851	0	%100
70	M78A	Z	.491	.491	0	%100
71	M79A	X	3.405	3.405	0	%100
72	M79A	Z	1.966	1.966	0	%100
73	M84A	X	3.5	3.5	0	%100
74	M84A	Z	2.021	2.021	0	%100
75	M85A	X	4.713	4.713	0	%100
76	M85A	Z	2.721	2.721	0	%100
77	M87	X	4.854	4.854	0	%100
78	M87	Z	2.802	2.802	0	%100
79	M89	X	3.5	3.5	0	%100
80	M89	Z	2.021	2.021	0	%100
81	M90	X	1.178	1.178	0	%100
82	M90	Z	.68	.68	0	%100
83	M92A	X	1.213	1.213	0	%100
84	M92A	Z	.701	.701	0	%100
85	MP2A	X	2.959	2.959	0	%100
86	MP2A	Z	1.708	1.708	0	%100
87	MP1C	X	2.959	2.959	0	%100
88	MP1C	Z	1.708	1.708	0	%100
89	MP4C	X	2.959	2.959	0	%100
90	MP4C	Z	1.708	1.708	0	%100
91	MP2C	X	2.959	2.959	0	%100
92	MP2C	Z	1.708	1.708	0	%100
93	MP1B	X	2.959	2.959	0	%100
94	MP1B	Z	1.708	1.708	0	%100
95	MP4B	X	2.959	2.959	0	%100
96	MP4B	Z	1.708	1.708	0	%100
97	MP2B	X	2.959	2.959	0	%100
98	MP2B	Z	1.708	1.708	0	%100
99	M94	X	2.11	2.11	0	%100
100	M94	Z	1.218	1.218	0	%100
101	M95	X	2.11	2.11	0	%100
102	M95	Z	1.218	1.218	0	%100
103	M96	X	0	0	0	%100
104	M96	Z	0	0	0	%100
105	M98	X	2.432	2.432	0	%100
106	M98	Z	1.404	1.404	0	%100
107	M100	X	2.432	2.432	0	%100
108	M100	Z	1.404	1.404	0	%100
109	M101	X	.819	.819	0	%100
110	M101	Z	.473	.473	0	%100
111	M108	X	.819	.819	0	%100
112	M108	Z	.473	.473	0	%100
113	M115	X	3.275	3.275	0	%100
114	M115	Z	1.891	1.891	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M122	X	.882	.882	0	%100
116	M122	Z	.509	.509	0	%100
117	M123	X	.882	.882	0	%100
118	M123	Z	.509	.509	0	%100
119	M124	X	3.527	3.527	0	%100
120	M124	Z	2.036	2.036	0	%100
121	M125	X	3.999	3.999	0	%100
122	M125	Z	2.309	2.309	0	%100
123	M126	X	3.999	3.999	0	%100
124	M126	Z	2.309	2.309	0	%100
125	M127	X	2.516	2.516	0	%100
126	M127	Z	1.453	1.453	0	%100
127	MP3C	X	3.275	3.275	0	%100
128	MP3C	Z	1.891	1.891	0	%100
129	MP3B	X	3.275	3.275	0	%100
130	MP3B	Z	1.891	1.891	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	1.589	1.589	0	%100
2	M20	Z	2.752	2.752	0	%100
3	M32	X	1.589	1.589	0	%100
4	M32	Z	2.752	2.752	0	%100
5	M33A	X	0	0	0	%100
6	M33A	Z	0	0	0	%100
7	MP1A	X	1.708	1.708	0	%100
8	MP1A	Z	2.959	2.959	0	%100
9	MP3A	X	1.891	1.891	0	%100
10	MP3A	Z	3.275	3.275	0	%100
11	MP4A	X	1.708	1.708	0	%100
12	MP4A	Z	2.959	2.959	0	%100
13	M72A	X	2.14	2.14	0	%100
14	M72A	Z	3.707	3.707	0	%100
15	M73	X	0	0	0	%100
16	M73	Z	0	0	0	%100
17	M74	X	0	0	0	%100
18	M74	Z	0	0	0	%100
19	M75	X	0	0	0	%100
20	M75	Z	0	0	0	%100
21	M78	X	1.474	1.474	0	%100
22	M78	Z	2.553	2.553	0	%100
23	M79	X	1.474	1.474	0	%100
24	M79	Z	2.554	2.554	0	%100
25	M84	X	2.694	2.694	0	%100
26	M84	Z	4.666	4.666	0	%100
27	M85	X	2.041	2.041	0	%100
28	M85	Z	3.535	3.535	0	%100
29	M87A	X	2.102	2.102	0	%100
30	M87A	Z	3.64	3.64	0	%100
31	M89A	X	2.694	2.694	0	%100
32	M89A	Z	4.666	4.666	0	%100
33	M90A	X	2.041	2.041	0	%100
34	M90A	Z	3.535	3.535	0	%100
35	M92	X	2.102	2.102	0	%100
36	M92	Z	3.64	3.64	0	%100
37	M50A	X	.535	.535	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	M50A	Z	.927	.927	0	%100
39	M51A	X	1.503	1.503	0	%100
40	M51A	Z	2.604	2.604	0	%100
41	M52	X	1.503	1.503	0	%100
42	M52	Z	2.604	2.604	0	%100
43	M53A	X	2.048	2.048	0	%100
44	M53A	Z	3.547	3.547	0	%100
45	M56	X	1.474	1.474	0	%100
46	M56	Z	2.553	2.553	0	%100
47	M57	X	0	0	0	%100
48	M57	Z	0	0	0	%100
49	M62	X	.674	.674	0	%100
50	M62	Z	1.167	1.167	0	%100
51	M63	X	0	0	0	%100
52	M63	Z	0	0	0	%100
53	M65	X	0	0	0	%100
54	M65	Z	0	0	0	%100
55	M67	X	.674	.674	0	%100
56	M67	Z	1.167	1.167	0	%100
57	M68	X	2.041	2.041	0	%100
58	M68	Z	3.535	3.535	0	%100
59	M70	X	2.102	2.102	0	%100
60	M70	Z	3.64	3.64	0	%100
61	M72	X	.535	.535	0	%100
62	M72	Z	.927	.927	0	%100
63	M73A	X	1.503	1.503	0	%100
64	M73A	Z	2.604	2.604	0	%100
65	M74A	X	1.503	1.503	0	%100
66	M74A	Z	2.604	2.604	0	%100
67	M75A	X	2.048	2.048	0	%100
68	M75A	Z	3.547	3.547	0	%100
69	M78A	X	0	0	0	%100
70	M78A	Z	0	0	0	%100
71	M79A	X	1.474	1.474	0	%100
72	M79A	Z	2.554	2.554	0	%100
73	M84A	X	.674	.674	0	%100
74	M84A	Z	1.167	1.167	0	%100
75	M85A	X	2.041	2.041	0	%100
76	M85A	Z	3.535	3.535	0	%100
77	M87	X	2.102	2.102	0	%100
78	M87	Z	3.64	3.64	0	%100
79	M89	X	.674	.674	0	%100
80	M89	Z	1.167	1.167	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	0	0	0	%100
83	M92A	X	0	0	0	%100
84	M92A	Z	0	0	0	%100
85	MP2A	X	1.708	1.708	0	%100
86	MP2A	Z	2.959	2.959	0	%100
87	MP1C	X	1.708	1.708	0	%100
88	MP1C	Z	2.959	2.959	0	%100
89	MP4C	X	1.708	1.708	0	%100
90	MP4C	Z	2.959	2.959	0	%100
91	MP2C	X	1.708	1.708	0	%100
92	MP2C	Z	2.959	2.959	0	%100
93	MP1B	X	1.708	1.708	0	%100
94	MP1B	Z	2.959	2.959	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
95	MP4B	X	1.708	1.708	0	%100
96	MP4B	Z	2.959	2.959	0	%100
97	MP2B	X	1.708	1.708	0	%100
98	MP2B	Z	2.959	2.959	0	%100
99	M94	X	1.625	1.625	0	%100
100	M94	Z	2.814	2.814	0	%100
101	M95	X	.406	.406	0	%100
102	M95	Z	.703	.703	0	%100
103	M96	X	.406	.406	0	%100
104	M96	Z	.703	.703	0	%100
105	M98	X	1.404	1.404	0	%100
106	M98	Z	2.432	2.432	0	%100
107	M100	X	1.404	1.404	0	%100
108	M100	Z	2.432	2.432	0	%100
109	M101	X	1.418	1.418	0	%100
110	M101	Z	2.456	2.456	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M115	X	1.418	1.418	0	%100
114	M115	Z	2.456	2.456	0	%100
115	M122	X	0	0	0	%100
116	M122	Z	0	0	0	%100
117	M123	X	1.527	1.527	0	%100
118	M123	Z	2.645	2.645	0	%100
119	M124	X	1.527	1.527	0	%100
120	M124	Z	2.645	2.645	0	%100
121	M125	X	1.738	1.738	0	%100
122	M125	Z	3.01	3.01	0	%100
123	M126	X	2.594	2.594	0	%100
124	M126	Z	4.493	4.493	0	%100
125	M127	X	1.738	1.738	0	%100
126	M127	Z	3.01	3.01	0	%100
127	MP3C	X	1.891	1.891	0	%100
128	MP3C	Z	3.275	3.275	0	%100
129	MP3B	X	1.891	1.891	0	%100
130	MP3B	Z	3.275	3.275	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	0	0	0	%100
2	M20	Z	1.059	1.059	0	%100
3	M32	X	0	0	0	%100
4	M32	Z	4.238	4.238	0	%100
5	M33A	X	0	0	0	%100
6	M33A	Z	1.059	1.059	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	3.417	3.417	0	%100
9	MP3A	X	0	0	0	%100
10	MP3A	Z	3.782	3.782	0	%100
11	MP4A	X	0	0	0	%100
12	MP4A	Z	3.417	3.417	0	%100
13	M72A	X	0	0	0	%100
14	M72A	Z	3.211	3.211	0	%100
15	M73	X	0	0	0	%100
16	M73	Z	1.002	1.002	0	%100
17	M74	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M74	Z	1.002	1.002	0	%100
19	M75	X	0	0	0	%100
20	M75	Z	1.365	1.365	0	%100
21	M78	X	0	0	0	%100
22	M78	Z	.983	.983	0	%100
23	M79	X	0	0	0	%100
24	M79	Z	3.932	3.932	0	%100
25	M84	X	0	0	0	%100
26	M84	Z	4.041	4.041	0	%100
27	M85	X	0	0	0	%100
28	M85	Z	5.442	5.442	0	%100
29	M87A	X	0	0	0	%100
30	M87A	Z	5.604	5.604	0	%100
31	M89A	X	0	0	0	%100
32	M89A	Z	4.041	4.041	0	%100
33	M90A	X	0	0	0	%100
34	M90A	Z	1.361	1.361	0	%100
35	M92	X	0	0	0	%100
36	M92	Z	1.401	1.401	0	%100
37	M50A	X	0	0	0	%100
38	M50A	Z	3.211	3.211	0	%100
39	M51A	X	0	0	0	%100
40	M51A	Z	1.002	1.002	0	%100
41	M52	X	0	0	0	%100
42	M52	Z	1.002	1.002	0	%100
43	M53A	X	0	0	0	%100
44	M53A	Z	1.365	1.365	0	%100
45	M56	X	0	0	0	%100
46	M56	Z	3.931	3.931	0	%100
47	M57	X	0	0	0	%100
48	M57	Z	.983	.983	0	%100
49	M62	X	0	0	0	%100
50	M62	Z	4.041	4.041	0	%100
51	M63	X	0	0	0	%100
52	M63	Z	1.361	1.361	0	%100
53	M65	X	0	0	0	%100
54	M65	Z	1.401	1.401	0	%100
55	M67	X	0	0	0	%100
56	M67	Z	4.041	4.041	0	%100
57	M68	X	0	0	0	%100
58	M68	Z	5.442	5.442	0	%100
59	M70	X	0	0	0	%100
60	M70	Z	5.604	5.604	0	%100
61	M72	X	0	0	0	%100
62	M72	Z	0	0	0	%100
63	M73A	X	0	0	0	%100
64	M73A	Z	4.008	4.008	0	%100
65	M74A	X	0	0	0	%100
66	M74A	Z	4.008	4.008	0	%100
67	M75A	X	0	0	0	%100
68	M75A	Z	5.461	5.461	0	%100
69	M78A	X	0	0	0	%100
70	M78A	Z	.983	.983	0	%100
71	M79A	X	0	0	0	%100
72	M79A	Z	.983	.983	0	%100
73	M84A	X	0	0	0	%100
74	M84A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	M85A	X	0	0	0	%100
76	M85A	Z	1.361	1.361	0	%100
77	M87	X	0	0	0	%100
78	M87	Z	1.401	1.401	0	%100
79	M89	X	0	0	0	%100
80	M89	Z	0	0	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	1.361	1.361	0	%100
83	M92A	X	0	0	0	%100
84	M92A	Z	1.401	1.401	0	%100
85	MP2A	X	0	0	0	%100
86	MP2A	Z	3.417	3.417	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	3.417	3.417	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	3.417	3.417	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	3.417	3.417	0	%100
93	MP1B	X	0	0	0	%100
94	MP1B	Z	3.417	3.417	0	%100
95	MP4B	X	0	0	0	%100
96	MP4B	Z	3.417	3.417	0	%100
97	MP2B	X	0	0	0	%100
98	MP2B	Z	3.417	3.417	0	%100
99	M94	X	0	0	0	%100
100	M94	Z	2.437	2.437	0	%100
101	M95	X	0	0	0	%100
102	M95	Z	0	0	0	%100
103	M96	X	0	0	0	%100
104	M96	Z	2.437	2.437	0	%100
105	M98	X	0	0	0	%100
106	M98	Z	2.808	2.808	0	%100
107	M100	X	0	0	0	%100
108	M100	Z	2.808	2.808	0	%100
109	M101	X	0	0	0	%100
110	M101	Z	3.782	3.782	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	.945	.945	0	%100
113	M115	X	0	0	0	%100
114	M115	Z	.945	.945	0	%100
115	M122	X	0	0	0	%100
116	M122	Z	1.018	1.018	0	%100
117	M123	X	0	0	0	%100
118	M123	Z	4.073	4.073	0	%100
119	M124	X	0	0	0	%100
120	M124	Z	1.018	1.018	0	%100
121	M125	X	0	0	0	%100
122	M125	Z	2.906	2.906	0	%100
123	M126	X	0	0	0	%100
124	M126	Z	4.617	4.617	0	%100
125	M127	X	0	0	0	%100
126	M127	Z	4.617	4.617	0	%100
127	MP3C	X	0	0	0	%100
128	MP3C	Z	3.782	3.782	0	%100
129	MP3B	X	0	0	0	%100
130	MP3B	Z	3.782	3.782	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M32	X	-1.589	-1.589	0	%100
4	M32	Z	2.752	2.752	0	%100
5	M33A	X	-1.589	-1.589	0	%100
6	M33A	Z	2.752	2.752	0	%100
7	MP1A	X	-1.708	-1.708	0	%100
8	MP1A	Z	2.959	2.959	0	%100
9	MP3A	X	-1.891	-1.891	0	%100
10	MP3A	Z	3.275	3.275	0	%100
11	MP4A	X	-1.708	-1.708	0	%100
12	MP4A	Z	2.959	2.959	0	%100
13	M72A	X	-.535	-.535	0	%100
14	M72A	Z	.927	.927	0	%100
15	M73	X	-1.503	-1.503	0	%100
16	M73	Z	2.604	2.604	0	%100
17	M74	X	-1.503	-1.503	0	%100
18	M74	Z	2.604	2.604	0	%100
19	M75	X	-2.048	-2.048	0	%100
20	M75	Z	3.547	3.547	0	%100
21	M78	X	0	0	0	%100
22	M78	Z	0	0	0	%100
23	M79	X	-1.474	-1.474	0	%100
24	M79	Z	2.554	2.554	0	%100
25	M84	X	-.674	-.674	0	%100
26	M84	Z	1.167	1.167	0	%100
27	M85	X	-2.041	-2.041	0	%100
28	M85	Z	3.535	3.535	0	%100
29	M87A	X	-2.102	-2.102	0	%100
30	M87A	Z	3.64	3.64	0	%100
31	M89A	X	-.674	-.674	0	%100
32	M89A	Z	1.167	1.167	0	%100
33	M90A	X	0	0	0	%100
34	M90A	Z	0	0	0	%100
35	M92	X	0	0	0	%100
36	M92	Z	0	0	0	%100
37	M50A	X	-2.14	-2.14	0	%100
38	M50A	Z	3.707	3.707	0	%100
39	M51A	X	0	0	0	%100
40	M51A	Z	0	0	0	%100
41	M52	X	0	0	0	%100
42	M52	Z	0	0	0	%100
43	M53A	X	0	0	0	%100
44	M53A	Z	0	0	0	%100
45	M56	X	-1.474	-1.474	0	%100
46	M56	Z	2.553	2.553	0	%100
47	M57	X	-1.474	-1.474	0	%100
48	M57	Z	2.554	2.554	0	%100
49	M62	X	-2.694	-2.694	0	%100
50	M62	Z	4.666	4.666	0	%100
51	M63	X	-2.041	-2.041	0	%100
52	M63	Z	3.535	3.535	0	%100
53	M65	X	-2.102	-2.102	0	%100
54	M65	Z	3.64	3.64	0	%100
55	M67	X	-2.694	-2.694	0	%100
56	M67	Z	4.666	4.666	0	%100
57	M68	X	-2.041	-2.041	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M68	Z	3.535	3.535	0	%100
59	M70	X	-2.102	-2.102	0	%100
60	M70	Z	3.64	3.64	0	%100
61	M72	X	-.535	-.535	0	%100
62	M72	Z	.927	.927	0	%100
63	M73A	X	-1.503	-1.503	0	%100
64	M73A	Z	2.604	2.604	0	%100
65	M74A	X	-1.503	-1.503	0	%100
66	M74A	Z	2.604	2.604	0	%100
67	M75A	X	-2.048	-2.048	0	%100
68	M75A	Z	3.547	3.547	0	%100
69	M78A	X	-1.474	-1.474	0	%100
70	M78A	Z	2.553	2.553	0	%100
71	M79A	X	0	0	0	%100
72	M79A	Z	0	0	0	%100
73	M84A	X	-.674	-.674	0	%100
74	M84A	Z	1.167	1.167	0	%100
75	M85A	X	0	0	0	%100
76	M85A	Z	0	0	0	%100
77	M87	X	0	0	0	%100
78	M87	Z	0	0	0	%100
79	M89	X	-.674	-.674	0	%100
80	M89	Z	1.167	1.167	0	%100
81	M90	X	-2.041	-2.041	0	%100
82	M90	Z	3.535	3.535	0	%100
83	M92A	X	-2.102	-2.102	0	%100
84	M92A	Z	3.64	3.64	0	%100
85	MP2A	X	-1.708	-1.708	0	%100
86	MP2A	Z	2.959	2.959	0	%100
87	MP1C	X	-1.708	-1.708	0	%100
88	MP1C	Z	2.959	2.959	0	%100
89	MP4C	X	-1.708	-1.708	0	%100
90	MP4C	Z	2.959	2.959	0	%100
91	MP2C	X	-1.708	-1.708	0	%100
92	MP2C	Z	2.959	2.959	0	%100
93	MP1B	X	-1.708	-1.708	0	%100
94	MP1B	Z	2.959	2.959	0	%100
95	MP4B	X	-1.708	-1.708	0	%100
96	MP4B	Z	2.959	2.959	0	%100
97	MP2B	X	-1.708	-1.708	0	%100
98	MP2B	Z	2.959	2.959	0	%100
99	M94	X	-.406	-.406	0	%100
100	M94	Z	.703	.703	0	%100
101	M95	X	-.406	-.406	0	%100
102	M95	Z	.703	.703	0	%100
103	M96	X	-1.625	-1.625	0	%100
104	M96	Z	2.814	2.814	0	%100
105	M98	X	-1.404	-1.404	0	%100
106	M98	Z	2.432	2.432	0	%100
107	M100	X	-1.404	-1.404	0	%100
108	M100	Z	2.432	2.432	0	%100
109	M101	X	-1.418	-1.418	0	%100
110	M101	Z	2.456	2.456	0	%100
111	M108	X	-1.418	-1.418	0	%100
112	M108	Z	2.456	2.456	0	%100
113	M115	X	0	0	0	%100
114	M115	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M122	X	-1.527	-1.527	0	%100
116	M122	Z	2.645	2.645	0	%100
117	M123	X	-1.527	-1.527	0	%100
118	M123	Z	2.645	2.645	0	%100
119	M124	X	0	0	0	%100
120	M124	Z	0	0	0	%100
121	M125	X	-1.738	-1.738	0	%100
122	M125	Z	3.01	3.01	0	%100
123	M126	X	-1.738	-1.738	0	%100
124	M126	Z	3.01	3.01	0	%100
125	M127	X	-2.594	-2.594	0	%100
126	M127	Z	4.493	4.493	0	%100
127	MP3C	X	-1.891	-1.891	0	%100
128	MP3C	Z	3.275	3.275	0	%100
129	MP3B	X	-1.891	-1.891	0	%100
130	MP3B	Z	3.275	3.275	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	-.917	-.917	0	%100
2	M20	Z	.53	.53	0	%100
3	M32	X	-.917	-.917	0	%100
4	M32	Z	.53	.53	0	%100
5	M33A	X	-3.67	-3.67	0	%100
6	M33A	Z	2.119	2.119	0	%100
7	MP1A	X	-2.959	-2.959	0	%100
8	MP1A	Z	1.708	1.708	0	%100
9	MP3A	X	-3.275	-3.275	0	%100
10	MP3A	Z	1.891	1.891	0	%100
11	MP4A	X	-2.959	-2.959	0	%100
12	MP4A	Z	1.708	1.708	0	%100
13	M72A	X	0	0	0	%100
14	M72A	Z	0	0	0	%100
15	M73	X	-3.471	-3.471	0	%100
16	M73	Z	2.004	2.004	0	%100
17	M74	X	-3.471	-3.471	0	%100
18	M74	Z	2.004	2.004	0	%100
19	M75	X	-4.729	-4.729	0	%100
20	M75	Z	2.73	2.73	0	%100
21	M78	X	-.851	-.851	0	%100
22	M78	Z	.491	.491	0	%100
23	M79	X	-.851	-.851	0	%100
24	M79	Z	.491	.491	0	%100
25	M84	X	0	0	0	%100
26	M84	Z	0	0	0	%100
27	M85	X	-1.178	-1.178	0	%100
28	M85	Z	.68	.68	0	%100
29	M87A	X	-1.213	-1.213	0	%100
30	M87A	Z	.701	.701	0	%100
31	M89A	X	0	0	0	%100
32	M89A	Z	0	0	0	%100
33	M90A	X	-1.178	-1.178	0	%100
34	M90A	Z	.68	.68	0	%100
35	M92	X	-1.213	-1.213	0	%100
36	M92	Z	.701	.701	0	%100
37	M50A	X	-2.78	-2.78	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	M50A	Z	1.605	1.605	0	%100
39	M51A	X	-.868	-.868	0	%100
40	M51A	Z	.501	.501	0	%100
41	M52	X	-.868	-.868	0	%100
42	M52	Z	.501	.501	0	%100
43	M53A	X	-1.182	-1.182	0	%100
44	M53A	Z	.683	.683	0	%100
45	M56	X	-.851	-.851	0	%100
46	M56	Z	.491	.491	0	%100
47	M57	X	-3.405	-3.405	0	%100
48	M57	Z	1.966	1.966	0	%100
49	M62	X	-3.5	-3.5	0	%100
50	M62	Z	2.021	2.021	0	%100
51	M63	X	-4.713	-4.713	0	%100
52	M63	Z	2.721	2.721	0	%100
53	M65	X	-4.854	-4.854	0	%100
54	M65	Z	2.802	2.802	0	%100
55	M67	X	-3.5	-3.5	0	%100
56	M67	Z	2.021	2.021	0	%100
57	M68	X	-1.178	-1.178	0	%100
58	M68	Z	.68	.68	0	%100
59	M70	X	-1.213	-1.213	0	%100
60	M70	Z	.701	.701	0	%100
61	M72	X	-2.78	-2.78	0	%100
62	M72	Z	1.605	1.605	0	%100
63	M73A	X	-.868	-.868	0	%100
64	M73A	Z	.501	.501	0	%100
65	M74A	X	-.868	-.868	0	%100
66	M74A	Z	.501	.501	0	%100
67	M75A	X	-1.182	-1.182	0	%100
68	M75A	Z	.683	.683	0	%100
69	M78A	X	-3.404	-3.404	0	%100
70	M78A	Z	1.966	1.966	0	%100
71	M79A	X	-.851	-.851	0	%100
72	M79A	Z	.491	.491	0	%100
73	M84A	X	-3.5	-3.5	0	%100
74	M84A	Z	2.021	2.021	0	%100
75	M85A	X	-1.178	-1.178	0	%100
76	M85A	Z	.68	.68	0	%100
77	M87	X	-1.213	-1.213	0	%100
78	M87	Z	.701	.701	0	%100
79	M89	X	-3.5	-3.5	0	%100
80	M89	Z	2.021	2.021	0	%100
81	M90	X	-4.713	-4.713	0	%100
82	M90	Z	2.721	2.721	0	%100
83	M92A	X	-4.854	-4.854	0	%100
84	M92A	Z	2.802	2.802	0	%100
85	MP2A	X	-2.959	-2.959	0	%100
86	MP2A	Z	1.708	1.708	0	%100
87	MP1C	X	-2.959	-2.959	0	%100
88	MP1C	Z	1.708	1.708	0	%100
89	MP4C	X	-2.959	-2.959	0	%100
90	MP4C	Z	1.708	1.708	0	%100
91	MP2C	X	-2.959	-2.959	0	%100
92	MP2C	Z	1.708	1.708	0	%100
93	MP1B	X	-2.959	-2.959	0	%100
94	MP1B	Z	1.708	1.708	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
95	MP4B	X	-2.959	-2.959	0	%100
96	MP4B	Z	1.708	1.708	0	%100
97	MP2B	X	-2.959	-2.959	0	%100
98	MP2B	Z	1.708	1.708	0	%100
99	M94	X	0	0	0	%100
100	M94	Z	0	0	0	%100
101	M95	X	-2.11	-2.11	0	%100
102	M95	Z	1.218	1.218	0	%100
103	M96	X	-2.11	-2.11	0	%100
104	M96	Z	1.218	1.218	0	%100
105	M98	X	-2.432	-2.432	0	%100
106	M98	Z	1.404	1.404	0	%100
107	M100	X	-2.432	-2.432	0	%100
108	M100	Z	1.404	1.404	0	%100
109	M101	X	-.819	-.819	0	%100
110	M101	Z	.473	.473	0	%100
111	M108	X	-3.275	-3.275	0	%100
112	M108	Z	1.891	1.891	0	%100
113	M115	X	-.819	-.819	0	%100
114	M115	Z	.473	.473	0	%100
115	M122	X	-3.527	-3.527	0	%100
116	M122	Z	2.036	2.036	0	%100
117	M123	X	-.882	-.882	0	%100
118	M123	Z	.509	.509	0	%100
119	M124	X	-.882	-.882	0	%100
120	M124	Z	.509	.509	0	%100
121	M125	X	-3.999	-3.999	0	%100
122	M125	Z	2.309	2.309	0	%100
123	M126	X	-2.516	-2.516	0	%100
124	M126	Z	1.453	1.453	0	%100
125	M127	X	-3.999	-3.999	0	%100
126	M127	Z	2.309	2.309	0	%100
127	MP3C	X	-3.275	-3.275	0	%100
128	MP3C	Z	1.891	1.891	0	%100
129	MP3B	X	-3.275	-3.275	0	%100
130	MP3B	Z	1.891	1.891	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	-3.178	-3.178	0	%100
2	M20	Z	0	0	0	%100
3	M32	X	0	0	0	%100
4	M32	Z	0	0	0	%100
5	M33A	X	-3.178	-3.178	0	%100
6	M33A	Z	0	0	0	%100
7	MP1A	X	-3.417	-3.417	0	%100
8	MP1A	Z	0	0	0	%100
9	MP3A	X	-3.782	-3.782	0	%100
10	MP3A	Z	0	0	0	%100
11	MP4A	X	-3.417	-3.417	0	%100
12	MP4A	Z	0	0	0	%100
13	M72A	X	-1.07	-1.07	0	%100
14	M72A	Z	0	0	0	%100
15	M73	X	-3.006	-3.006	0	%100
16	M73	Z	0	0	0	%100
17	M74	X	-3.006	-3.006	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M74	Z	0	0	0	%100
19	M75	X	-4.096	-4.096	0	%100
20	M75	Z	0	0	0	%100
21	M78	X	-2.948	-2.948	0	%100
22	M78	Z	0	0	0	%100
23	M79	X	0	0	0	%100
24	M79	Z	0	0	0	%100
25	M84	X	-1.347	-1.347	0	%100
26	M84	Z	0	0	0	%100
27	M85	X	0	0	0	%100
28	M85	Z	0	0	0	%100
29	M87A	X	0	0	0	%100
30	M87A	Z	0	0	0	%100
31	M89A	X	-1.347	-1.347	0	%100
32	M89A	Z	0	0	0	%100
33	M90A	X	-4.082	-4.082	0	%100
34	M90A	Z	0	0	0	%100
35	M92	X	-4.203	-4.203	0	%100
36	M92	Z	0	0	0	%100
37	M50A	X	-1.07	-1.07	0	%100
38	M50A	Z	0	0	0	%100
39	M51A	X	-3.006	-3.006	0	%100
40	M51A	Z	0	0	0	%100
41	M52	X	-3.006	-3.006	0	%100
42	M52	Z	0	0	0	%100
43	M53A	X	-4.096	-4.096	0	%100
44	M53A	Z	0	0	0	%100
45	M56	X	0	0	0	%100
46	M56	Z	0	0	0	%100
47	M57	X	-2.949	-2.949	0	%100
48	M57	Z	0	0	0	%100
49	M62	X	-1.347	-1.347	0	%100
50	M62	Z	0	0	0	%100
51	M63	X	-4.082	-4.082	0	%100
52	M63	Z	0	0	0	%100
53	M65	X	-4.203	-4.203	0	%100
54	M65	Z	0	0	0	%100
55	M67	X	-1.347	-1.347	0	%100
56	M67	Z	0	0	0	%100
57	M68	X	0	0	0	%100
58	M68	Z	0	0	0	%100
59	M70	X	0	0	0	%100
60	M70	Z	0	0	0	%100
61	M72	X	-4.281	-4.281	0	%100
62	M72	Z	0	0	0	%100
63	M73A	X	0	0	0	%100
64	M73A	Z	0	0	0	%100
65	M74A	X	0	0	0	%100
66	M74A	Z	0	0	0	%100
67	M75A	X	0	0	0	%100
68	M75A	Z	0	0	0	%100
69	M78A	X	-2.948	-2.948	0	%100
70	M78A	Z	0	0	0	%100
71	M79A	X	-2.949	-2.949	0	%100
72	M79A	Z	0	0	0	%100
73	M84A	X	-5.388	-5.388	0	%100
74	M84A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	M85A	X	-4.082	-4.082	0	%100
76	M85A	Z	0	0	0	%100
77	M87	X	-4.203	-4.203	0	%100
78	M87	Z	0	0	0	%100
79	M89	X	-5.388	-5.388	0	%100
80	M89	Z	0	0	0	%100
81	M90	X	-4.082	-4.082	0	%100
82	M90	Z	0	0	0	%100
83	M92A	X	-4.203	-4.203	0	%100
84	M92A	Z	0	0	0	%100
85	MP2A	X	-3.417	-3.417	0	%100
86	MP2A	Z	0	0	0	%100
87	MP1C	X	-3.417	-3.417	0	%100
88	MP1C	Z	0	0	0	%100
89	MP4C	X	-3.417	-3.417	0	%100
90	MP4C	Z	0	0	0	%100
91	MP2C	X	-3.417	-3.417	0	%100
92	MP2C	Z	0	0	0	%100
93	MP1B	X	-3.417	-3.417	0	%100
94	MP1B	Z	0	0	0	%100
95	MP4B	X	-3.417	-3.417	0	%100
96	MP4B	Z	0	0	0	%100
97	MP2B	X	-3.417	-3.417	0	%100
98	MP2B	Z	0	0	0	%100
99	M94	X	-.812	-.812	0	%100
100	M94	Z	0	0	0	%100
101	M95	X	-3.249	-3.249	0	%100
102	M95	Z	0	0	0	%100
103	M96	X	-.812	-.812	0	%100
104	M96	Z	0	0	0	%100
105	M98	X	-2.808	-2.808	0	%100
106	M98	Z	0	0	0	%100
107	M100	X	-2.808	-2.808	0	%100
108	M100	Z	0	0	0	%100
109	M101	X	0	0	0	%100
110	M101	Z	0	0	0	%100
111	M108	X	-2.836	-2.836	0	%100
112	M108	Z	0	0	0	%100
113	M115	X	-2.836	-2.836	0	%100
114	M115	Z	0	0	0	%100
115	M122	X	-3.055	-3.055	0	%100
116	M122	Z	0	0	0	%100
117	M123	X	0	0	0	%100
118	M123	Z	0	0	0	%100
119	M124	X	-3.055	-3.055	0	%100
120	M124	Z	0	0	0	%100
121	M125	X	-5.188	-5.188	0	%100
122	M125	Z	0	0	0	%100
123	M126	X	-3.476	-3.476	0	%100
124	M126	Z	0	0	0	%100
125	M127	X	-3.476	-3.476	0	%100
126	M127	Z	0	0	0	%100
127	MP3C	X	-3.782	-3.782	0	%100
128	MP3C	Z	0	0	0	%100
129	MP3B	X	-3.782	-3.782	0	%100
130	MP3B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	-3.67	-3.67	0	%100
2	M20	Z	-2.119	-2.119	0	%100
3	M32	X	-.917	-.917	0	%100
4	M32	Z	-.53	-.53	0	%100
5	M33A	X	-.917	-.917	0	%100
6	M33A	Z	-.53	-.53	0	%100
7	MP1A	X	-2.959	-2.959	0	%100
8	MP1A	Z	-1.708	-1.708	0	%100
9	MP3A	X	-3.275	-3.275	0	%100
10	MP3A	Z	-1.891	-1.891	0	%100
11	MP4A	X	-2.959	-2.959	0	%100
12	MP4A	Z	-1.708	-1.708	0	%100
13	M72A	X	-2.78	-2.78	0	%100
14	M72A	Z	-1.605	-1.605	0	%100
15	M73	X	-.868	-.868	0	%100
16	M73	Z	-.501	-.501	0	%100
17	M74	X	-.868	-.868	0	%100
18	M74	Z	-.501	-.501	0	%100
19	M75	X	-1.182	-1.182	0	%100
20	M75	Z	-.683	-.683	0	%100
21	M78	X	-3.404	-3.404	0	%100
22	M78	Z	-1.966	-1.966	0	%100
23	M79	X	-.851	-.851	0	%100
24	M79	Z	-.491	-.491	0	%100
25	M84	X	-3.5	-3.5	0	%100
26	M84	Z	-2.021	-2.021	0	%100
27	M85	X	-1.178	-1.178	0	%100
28	M85	Z	-.68	-.68	0	%100
29	M87A	X	-1.213	-1.213	0	%100
30	M87A	Z	-.701	-.701	0	%100
31	M89A	X	-3.5	-3.5	0	%100
32	M89A	Z	-2.021	-2.021	0	%100
33	M90A	X	-4.713	-4.713	0	%100
34	M90A	Z	-2.721	-2.721	0	%100
35	M92	X	-4.854	-4.854	0	%100
36	M92	Z	-2.802	-2.802	0	%100
37	M50A	X	0	0	0	%100
38	M50A	Z	0	0	0	%100
39	M51A	X	-3.471	-3.471	0	%100
40	M51A	Z	-2.004	-2.004	0	%100
41	M52	X	-3.471	-3.471	0	%100
42	M52	Z	-2.004	-2.004	0	%100
43	M53A	X	-4.729	-4.729	0	%100
44	M53A	Z	-2.73	-2.73	0	%100
45	M56	X	-.851	-.851	0	%100
46	M56	Z	-.491	-.491	0	%100
47	M57	X	-.851	-.851	0	%100
48	M57	Z	-.491	-.491	0	%100
49	M62	X	0	0	0	%100
50	M62	Z	0	0	0	%100
51	M63	X	-1.178	-1.178	0	%100
52	M63	Z	-.68	-.68	0	%100
53	M65	X	-1.213	-1.213	0	%100
54	M65	Z	-.701	-.701	0	%100
55	M67	X	0	0	0	%100
56	M67	Z	0	0	0	%100
57	M68	X	-1.178	-1.178	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M68	Z	-.68	-.68	0	%100
59	M70	X	-1.213	-1.213	0	%100
60	M70	Z	-.701	-.701	0	%100
61	M72	X	-2.78	-2.78	0	%100
62	M72	Z	-1.605	-1.605	0	%100
63	M73A	X	-.868	-.868	0	%100
64	M73A	Z	-.501	-.501	0	%100
65	M74A	X	-.868	-.868	0	%100
66	M74A	Z	-.501	-.501	0	%100
67	M75A	X	-1.182	-1.182	0	%100
68	M75A	Z	-.683	-.683	0	%100
69	M78A	X	-.851	-.851	0	%100
70	M78A	Z	-.491	-.491	0	%100
71	M79A	X	-3.405	-3.405	0	%100
72	M79A	Z	-1.966	-1.966	0	%100
73	M84A	X	-3.5	-3.5	0	%100
74	M84A	Z	-2.021	-2.021	0	%100
75	M85A	X	-4.713	-4.713	0	%100
76	M85A	Z	-2.721	-2.721	0	%100
77	M87	X	-4.854	-4.854	0	%100
78	M87	Z	-2.802	-2.802	0	%100
79	M89	X	-3.5	-3.5	0	%100
80	M89	Z	-2.021	-2.021	0	%100
81	M90	X	-1.178	-1.178	0	%100
82	M90	Z	-.68	-.68	0	%100
83	M92A	X	-1.213	-1.213	0	%100
84	M92A	Z	-.701	-.701	0	%100
85	MP2A	X	-2.959	-2.959	0	%100
86	MP2A	Z	-1.708	-1.708	0	%100
87	MP1C	X	-2.959	-2.959	0	%100
88	MP1C	Z	-1.708	-1.708	0	%100
89	MP4C	X	-2.959	-2.959	0	%100
90	MP4C	Z	-1.708	-1.708	0	%100
91	MP2C	X	-2.959	-2.959	0	%100
92	MP2C	Z	-1.708	-1.708	0	%100
93	MP1B	X	-2.959	-2.959	0	%100
94	MP1B	Z	-1.708	-1.708	0	%100
95	MP4B	X	-2.959	-2.959	0	%100
96	MP4B	Z	-1.708	-1.708	0	%100
97	MP2B	X	-2.959	-2.959	0	%100
98	MP2B	Z	-1.708	-1.708	0	%100
99	M94	X	-2.11	-2.11	0	%100
100	M94	Z	-1.218	-1.218	0	%100
101	M95	X	-2.11	-2.11	0	%100
102	M95	Z	-1.218	-1.218	0	%100
103	M96	X	0	0	0	%100
104	M96	Z	0	0	0	%100
105	M98	X	-2.432	-2.432	0	%100
106	M98	Z	-1.404	-1.404	0	%100
107	M100	X	-2.432	-2.432	0	%100
108	M100	Z	-1.404	-1.404	0	%100
109	M101	X	-.819	-.819	0	%100
110	M101	Z	-.473	-.473	0	%100
111	M108	X	-.819	-.819	0	%100
112	M108	Z	-.473	-.473	0	%100
113	M115	X	-3.275	-3.275	0	%100
114	M115	Z	-1.891	-1.891	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M122	X	-.882	-.882	0	%100
116	M122	Z	-.509	-.509	0	%100
117	M123	X	-.882	-.882	0	%100
118	M123	Z	-.509	-.509	0	%100
119	M124	X	-3.527	-3.527	0	%100
120	M124	Z	-2.036	-2.036	0	%100
121	M125	X	-3.999	-3.999	0	%100
122	M125	Z	-2.309	-2.309	0	%100
123	M126	X	-3.999	-3.999	0	%100
124	M126	Z	-2.309	-2.309	0	%100
125	M127	X	-2.516	-2.516	0	%100
126	M127	Z	-1.453	-1.453	0	%100
127	MP3C	X	-3.275	-3.275	0	%100
128	MP3C	Z	-1.891	-1.891	0	%100
129	MP3B	X	-3.275	-3.275	0	%100
130	MP3B	Z	-1.891	-1.891	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	-1.589	-1.589	0	%100
2	M20	Z	-2.752	-2.752	0	%100
3	M32	X	-1.589	-1.589	0	%100
4	M32	Z	-2.752	-2.752	0	%100
5	M33A	X	0	0	0	%100
6	M33A	Z	0	0	0	%100
7	MP1A	X	-1.708	-1.708	0	%100
8	MP1A	Z	-2.959	-2.959	0	%100
9	MP3A	X	-1.891	-1.891	0	%100
10	MP3A	Z	-3.275	-3.275	0	%100
11	MP4A	X	-1.708	-1.708	0	%100
12	MP4A	Z	-2.959	-2.959	0	%100
13	M72A	X	-2.14	-2.14	0	%100
14	M72A	Z	-3.707	-3.707	0	%100
15	M73	X	0	0	0	%100
16	M73	Z	0	0	0	%100
17	M74	X	0	0	0	%100
18	M74	Z	0	0	0	%100
19	M75	X	0	0	0	%100
20	M75	Z	0	0	0	%100
21	M78	X	-1.474	-1.474	0	%100
22	M78	Z	-2.553	-2.553	0	%100
23	M79	X	-1.474	-1.474	0	%100
24	M79	Z	-2.554	-2.554	0	%100
25	M84	X	-2.694	-2.694	0	%100
26	M84	Z	-4.666	-4.666	0	%100
27	M85	X	-2.041	-2.041	0	%100
28	M85	Z	-3.535	-3.535	0	%100
29	M87A	X	-2.102	-2.102	0	%100
30	M87A	Z	-3.64	-3.64	0	%100
31	M89A	X	-2.694	-2.694	0	%100
32	M89A	Z	-4.666	-4.666	0	%100
33	M90A	X	-2.041	-2.041	0	%100
34	M90A	Z	-3.535	-3.535	0	%100
35	M92	X	-2.102	-2.102	0	%100
36	M92	Z	-3.64	-3.64	0	%100
37	M50A	X	-.535	-.535	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	M50A	Z	-.927	-.927	0	%100
39	M51A	X	-1.503	-1.503	0	%100
40	M51A	Z	-2.604	-2.604	0	%100
41	M52	X	-1.503	-1.503	0	%100
42	M52	Z	-2.604	-2.604	0	%100
43	M53A	X	-2.048	-2.048	0	%100
44	M53A	Z	-3.547	-3.547	0	%100
45	M56	X	-1.474	-1.474	0	%100
46	M56	Z	-2.553	-2.553	0	%100
47	M57	X	0	0	0	%100
48	M57	Z	0	0	0	%100
49	M62	X	-.674	-.674	0	%100
50	M62	Z	-1.167	-1.167	0	%100
51	M63	X	0	0	0	%100
52	M63	Z	0	0	0	%100
53	M65	X	0	0	0	%100
54	M65	Z	0	0	0	%100
55	M67	X	-.674	-.674	0	%100
56	M67	Z	-1.167	-1.167	0	%100
57	M68	X	-2.041	-2.041	0	%100
58	M68	Z	-3.535	-3.535	0	%100
59	M70	X	-2.102	-2.102	0	%100
60	M70	Z	-3.64	-3.64	0	%100
61	M72	X	-.535	-.535	0	%100
62	M72	Z	-.927	-.927	0	%100
63	M73A	X	-1.503	-1.503	0	%100
64	M73A	Z	-2.604	-2.604	0	%100
65	M74A	X	-1.503	-1.503	0	%100
66	M74A	Z	-2.604	-2.604	0	%100
67	M75A	X	-2.048	-2.048	0	%100
68	M75A	Z	-3.547	-3.547	0	%100
69	M78A	X	0	0	0	%100
70	M78A	Z	0	0	0	%100
71	M79A	X	-1.474	-1.474	0	%100
72	M79A	Z	-2.554	-2.554	0	%100
73	M84A	X	-.674	-.674	0	%100
74	M84A	Z	-1.167	-1.167	0	%100
75	M85A	X	-2.041	-2.041	0	%100
76	M85A	Z	-3.535	-3.535	0	%100
77	M87	X	-2.102	-2.102	0	%100
78	M87	Z	-3.64	-3.64	0	%100
79	M89	X	-.674	-.674	0	%100
80	M89	Z	-1.167	-1.167	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	0	0	0	%100
83	M92A	X	0	0	0	%100
84	M92A	Z	0	0	0	%100
85	MP2A	X	-1.708	-1.708	0	%100
86	MP2A	Z	-2.959	-2.959	0	%100
87	MP1C	X	-1.708	-1.708	0	%100
88	MP1C	Z	-2.959	-2.959	0	%100
89	MP4C	X	-1.708	-1.708	0	%100
90	MP4C	Z	-2.959	-2.959	0	%100
91	MP2C	X	-1.708	-1.708	0	%100
92	MP2C	Z	-2.959	-2.959	0	%100
93	MP1B	X	-1.708	-1.708	0	%100
94	MP1B	Z	-2.959	-2.959	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
95	MP4B	X	-1.708	-1.708	0	%100
96	MP4B	Z	-2.959	-2.959	0	%100
97	MP2B	X	-1.708	-1.708	0	%100
98	MP2B	Z	-2.959	-2.959	0	%100
99	M94	X	-1.625	-1.625	0	%100
100	M94	Z	-2.814	-2.814	0	%100
101	M95	X	-.406	-.406	0	%100
102	M95	Z	-.703	-.703	0	%100
103	M96	X	-.406	-.406	0	%100
104	M96	Z	-.703	-.703	0	%100
105	M98	X	-1.404	-1.404	0	%100
106	M98	Z	-2.432	-2.432	0	%100
107	M100	X	-1.404	-1.404	0	%100
108	M100	Z	-2.432	-2.432	0	%100
109	M101	X	-1.418	-1.418	0	%100
110	M101	Z	-2.456	-2.456	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M115	X	-1.418	-1.418	0	%100
114	M115	Z	-2.456	-2.456	0	%100
115	M122	X	0	0	0	%100
116	M122	Z	0	0	0	%100
117	M123	X	-1.527	-1.527	0	%100
118	M123	Z	-2.645	-2.645	0	%100
119	M124	X	-1.527	-1.527	0	%100
120	M124	Z	-2.645	-2.645	0	%100
121	M125	X	-1.738	-1.738	0	%100
122	M125	Z	-3.01	-3.01	0	%100
123	M126	X	-2.594	-2.594	0	%100
124	M126	Z	-4.493	-4.493	0	%100
125	M127	X	-1.738	-1.738	0	%100
126	M127	Z	-3.01	-3.01	0	%100
127	MP3C	X	-1.891	-1.891	0	%100
128	MP3C	Z	-3.275	-3.275	0	%100
129	MP3B	X	-1.891	-1.891	0	%100
130	MP3B	Z	-3.275	-3.275	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	0	0	0	%100
2	M20	Z	-.222	-.222	0	%100
3	M32	X	0	0	0	%100
4	M32	Z	-.887	-.887	0	%100
5	M33A	X	0	0	0	%100
6	M33A	Z	-.222	-.222	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	-.624	-.624	0	%100
9	MP3A	X	0	0	0	%100
10	MP3A	Z	-.755	-.755	0	%100
11	MP4A	X	0	0	0	%100
12	MP4A	Z	-.624	-.624	0	%100
13	M72A	X	0	0	0	%100
14	M72A	Z	-.701	-.701	0	%100
15	M73	X	0	0	0	%100
16	M73	Z	-.244	-.244	0	%100
17	M74	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M74	Z	-.244	-.244	0	%100
19	M75	X	0	0	0	%100
20	M75	Z	-.394	-.394	0	%100
21	M78	X	0	0	0	%100
22	M78	Z	-.215	-.215	0	%100
23	M79	X	0	0	0	%100
24	M79	Z	-.858	-.858	0	%100
25	M84	X	0	0	0	%100
26	M84	Z	-1.19	-1.19	0	%100
27	M85	X	0	0	0	%100
28	M85	Z	-1.606	-1.606	0	%100
29	M87A	X	0	0	0	%100
30	M87A	Z	-1.664	-1.664	0	%100
31	M89A	X	0	0	0	%100
32	M89A	Z	-1.19	-1.19	0	%100
33	M90A	X	0	0	0	%100
34	M90A	Z	-.401	-.401	0	%100
35	M92	X	0	0	0	%100
36	M92	Z	-.416	-.416	0	%100
37	M50A	X	0	0	0	%100
38	M50A	Z	-.701	-.701	0	%100
39	M51A	X	0	0	0	%100
40	M51A	Z	-.244	-.244	0	%100
41	M52	X	0	0	0	%100
42	M52	Z	-.244	-.244	0	%100
43	M53A	X	0	0	0	%100
44	M53A	Z	-.394	-.394	0	%100
45	M56	X	0	0	0	%100
46	M56	Z	-.858	-.858	0	%100
47	M57	X	0	0	0	%100
48	M57	Z	-.215	-.215	0	%100
49	M62	X	0	0	0	%100
50	M62	Z	-1.19	-1.19	0	%100
51	M63	X	0	0	0	%100
52	M63	Z	-.401	-.401	0	%100
53	M65	X	0	0	0	%100
54	M65	Z	-.416	-.416	0	%100
55	M67	X	0	0	0	%100
56	M67	Z	-1.19	-1.19	0	%100
57	M68	X	0	0	0	%100
58	M68	Z	-1.606	-1.606	0	%100
59	M70	X	0	0	0	%100
60	M70	Z	-1.664	-1.664	0	%100
61	M72	X	0	0	0	%100
62	M72	Z	0	0	0	%100
63	M73A	X	0	0	0	%100
64	M73A	Z	-.977	-.977	0	%100
65	M74A	X	0	0	0	%100
66	M74A	Z	-.977	-.977	0	%100
67	M75A	X	0	0	0	%100
68	M75A	Z	-1.577	-1.577	0	%100
69	M78A	X	0	0	0	%100
70	M78A	Z	-.215	-.215	0	%100
71	M79A	X	0	0	0	%100
72	M79A	Z	-.215	-.215	0	%100
73	M84A	X	0	0	0	%100
74	M84A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	M85A	X	0	0	0	%100
76	M85A	Z	-.401	-.401	0	%100
77	M87	X	0	0	0	%100
78	M87	Z	-.416	-.416	0	%100
79	M89	X	0	0	0	%100
80	M89	Z	0	0	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	-.401	-.401	0	%100
83	M92A	X	0	0	0	%100
84	M92A	Z	-.416	-.416	0	%100
85	MP2A	X	0	0	0	%100
86	MP2A	Z	-.624	-.624	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	-.624	-.624	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	-.624	-.624	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	-.624	-.624	0	%100
93	MP1B	X	0	0	0	%100
94	MP1B	Z	-.624	-.624	0	%100
95	MP4B	X	0	0	0	%100
96	MP4B	Z	-.624	-.624	0	%100
97	MP2B	X	0	0	0	%100
98	MP2B	Z	-.624	-.624	0	%100
99	M94	X	0	0	0	%100
100	M94	Z	-.571	-.571	0	%100
101	M95	X	0	0	0	%100
102	M95	Z	0	0	0	%100
103	M96	X	0	0	0	%100
104	M96	Z	-.571	-.571	0	%100
105	M98	X	0	0	0	%100
106	M98	Z	-.51	-.51	0	%100
107	M100	X	0	0	0	%100
108	M100	Z	-.51	-.51	0	%100
109	M101	X	0	0	0	%100
110	M101	Z	-.755	-.755	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	-.189	-.189	0	%100
113	M115	X	0	0	0	%100
114	M115	Z	-.189	-.189	0	%100
115	M122	X	0	0	0	%100
116	M122	Z	-.248	-.248	0	%100
117	M123	X	0	0	0	%100
118	M123	Z	-.991	-.991	0	%100
119	M124	X	0	0	0	%100
120	M124	Z	-.248	-.248	0	%100
121	M125	X	0	0	0	%100
122	M125	Z	-.814	-.814	0	%100
123	M126	X	0	0	0	%100
124	M126	Z	-1.15	-1.15	0	%100
125	M127	X	0	0	0	%100
126	M127	Z	-1.15	-1.15	0	%100
127	MP3C	X	0	0	0	%100
128	MP3C	Z	-.755	-.755	0	%100
129	MP3B	X	0	0	0	%100
130	MP3B	Z	-.755	-.755	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M32	X	.333	.333	0	%100
4	M32	Z	-.576	-.576	0	%100
5	M33A	X	.333	.333	0	%100
6	M33A	Z	-.576	-.576	0	%100
7	MP1A	X	.312	.312	0	%100
8	MP1A	Z	-.54	-.54	0	%100
9	MP3A	X	.378	.378	0	%100
10	MP3A	Z	-.654	-.654	0	%100
11	MP4A	X	.312	.312	0	%100
12	MP4A	Z	-.54	-.54	0	%100
13	M72A	X	.117	.117	0	%100
14	M72A	Z	-.202	-.202	0	%100
15	M73	X	.366	.366	0	%100
16	M73	Z	-.635	-.635	0	%100
17	M74	X	.366	.366	0	%100
18	M74	Z	-.635	-.635	0	%100
19	M75	X	.591	.591	0	%100
20	M75	Z	-1.024	-1.024	0	%100
21	M78	X	0	0	0	%100
22	M78	Z	0	0	0	%100
23	M79	X	.322	.322	0	%100
24	M79	Z	-.558	-.558	0	%100
25	M84	X	.198	.198	0	%100
26	M84	Z	-.343	-.343	0	%100
27	M85	X	.602	.602	0	%100
28	M85	Z	-1.043	-1.043	0	%100
29	M87A	X	.624	.624	0	%100
30	M87A	Z	-1.081	-1.081	0	%100
31	M89A	X	.198	.198	0	%100
32	M89A	Z	-.343	-.343	0	%100
33	M90A	X	0	0	0	%100
34	M90A	Z	0	0	0	%100
35	M92	X	0	0	0	%100
36	M92	Z	0	0	0	%100
37	M50A	X	.468	.468	0	%100
38	M50A	Z	-.81	-.81	0	%100
39	M51A	X	0	0	0	%100
40	M51A	Z	0	0	0	%100
41	M52	X	0	0	0	%100
42	M52	Z	0	0	0	%100
43	M53A	X	0	0	0	%100
44	M53A	Z	0	0	0	%100
45	M56	X	.322	.322	0	%100
46	M56	Z	-.557	-.557	0	%100
47	M57	X	.322	.322	0	%100
48	M57	Z	-.558	-.558	0	%100
49	M62	X	.793	.793	0	%100
50	M62	Z	-1.374	-1.374	0	%100
51	M63	X	.602	.602	0	%100
52	M63	Z	-1.043	-1.043	0	%100
53	M65	X	.624	.624	0	%100
54	M65	Z	-1.081	-1.081	0	%100
55	M67	X	.793	.793	0	%100
56	M67	Z	-1.374	-1.374	0	%100
57	M68	X	.602	.602	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M68	Z	-1.043	-1.043	0	%100
59	M70	X	.624	.624	0	%100
60	M70	Z	-1.081	-1.081	0	%100
61	M72	X	.117	.117	0	%100
62	M72	Z	-.202	-.202	0	%100
63	M73A	X	.366	.366	0	%100
64	M73A	Z	-.635	-.635	0	%100
65	M74A	X	.366	.366	0	%100
66	M74A	Z	-.635	-.635	0	%100
67	M75A	X	.591	.591	0	%100
68	M75A	Z	-1.024	-1.024	0	%100
69	M78A	X	.322	.322	0	%100
70	M78A	Z	-.557	-.557	0	%100
71	M79A	X	0	0	0	%100
72	M79A	Z	0	0	0	%100
73	M84A	X	.198	.198	0	%100
74	M84A	Z	-.343	-.343	0	%100
75	M85A	X	0	0	0	%100
76	M85A	Z	0	0	0	%100
77	M87	X	0	0	0	%100
78	M87	Z	0	0	0	%100
79	M89	X	.198	.198	0	%100
80	M89	Z	-.343	-.343	0	%100
81	M90	X	.602	.602	0	%100
82	M90	Z	-1.043	-1.043	0	%100
83	M92A	X	.624	.624	0	%100
84	M92A	Z	-1.081	-1.081	0	%100
85	MP2A	X	.312	.312	0	%100
86	MP2A	Z	-.54	-.54	0	%100
87	MP1C	X	.312	.312	0	%100
88	MP1C	Z	-.54	-.54	0	%100
89	MP4C	X	.312	.312	0	%100
90	MP4C	Z	-.54	-.54	0	%100
91	MP2C	X	.312	.312	0	%100
92	MP2C	Z	-.54	-.54	0	%100
93	MP1B	X	.312	.312	0	%100
94	MP1B	Z	-.54	-.54	0	%100
95	MP4B	X	.312	.312	0	%100
96	MP4B	Z	-.54	-.54	0	%100
97	MP2B	X	.312	.312	0	%100
98	MP2B	Z	-.54	-.54	0	%100
99	M94	X	.095	.095	0	%100
100	M94	Z	-.165	-.165	0	%100
101	M95	X	.095	.095	0	%100
102	M95	Z	-.165	-.165	0	%100
103	M96	X	.381	.381	0	%100
104	M96	Z	-.659	-.659	0	%100
105	M98	X	.255	.255	0	%100
106	M98	Z	-.442	-.442	0	%100
107	M100	X	.255	.255	0	%100
108	M100	Z	-.442	-.442	0	%100
109	M101	X	.283	.283	0	%100
110	M101	Z	-.491	-.491	0	%100
111	M108	X	.283	.283	0	%100
112	M108	Z	-.491	-.491	0	%100
113	M115	X	0	0	0	%100
114	M115	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M122	X	.372	.372	0	%100
116	M122	Z	-.644	-.644	0	%100
117	M123	X	.372	.372	0	%100
118	M123	Z	-.644	-.644	0	%100
119	M124	X	0	0	0	%100
120	M124	Z	0	0	0	%100
121	M125	X	.463	.463	0	%100
122	M125	Z	-.802	-.802	0	%100
123	M126	X	.463	.463	0	%100
124	M126	Z	-.802	-.802	0	%100
125	M127	X	.631	.631	0	%100
126	M127	Z	-1.093	-1.093	0	%100
127	MP3C	X	.378	.378	0	%100
128	MP3C	Z	-.654	-.654	0	%100
129	MP3B	X	.378	.378	0	%100
130	MP3B	Z	-.654	-.654	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	.192	.192	0	%100
2	M20	Z	-.111	-.111	0	%100
3	M32	X	.192	.192	0	%100
4	M32	Z	-.111	-.111	0	%100
5	M33A	X	.768	.768	0	%100
6	M33A	Z	-.444	-.444	0	%100
7	MP1A	X	.54	.54	0	%100
8	MP1A	Z	-.312	-.312	0	%100
9	MP3A	X	.654	.654	0	%100
10	MP3A	Z	-.378	-.378	0	%100
11	MP4A	X	.54	.54	0	%100
12	MP4A	Z	-.312	-.312	0	%100
13	M72A	X	0	0	0	%100
14	M72A	Z	0	0	0	%100
15	M73	X	.846	.846	0	%100
16	M73	Z	-.489	-.489	0	%100
17	M74	X	.846	.846	0	%100
18	M74	Z	-.489	-.489	0	%100
19	M75	X	1.365	1.365	0	%100
20	M75	Z	-.788	-.788	0	%100
21	M78	X	.186	.186	0	%100
22	M78	Z	-.107	-.107	0	%100
23	M79	X	.186	.186	0	%100
24	M79	Z	-.107	-.107	0	%100
25	M84	X	0	0	0	%100
26	M84	Z	0	0	0	%100
27	M85	X	.348	.348	0	%100
28	M85	Z	-.201	-.201	0	%100
29	M87A	X	.36	.36	0	%100
30	M87A	Z	-.208	-.208	0	%100
31	M89A	X	0	0	0	%100
32	M89A	Z	0	0	0	%100
33	M90A	X	.348	.348	0	%100
34	M90A	Z	-.201	-.201	0	%100
35	M92	X	.36	.36	0	%100
36	M92	Z	-.208	-.208	0	%100
37	M50A	X	.607	.607	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	M50A	Z	-.351	-.351	0	%100
39	M51A	X	.212	.212	0	%100
40	M51A	Z	-.122	-.122	0	%100
41	M52	X	.212	.212	0	%100
42	M52	Z	-.122	-.122	0	%100
43	M53A	X	.341	.341	0	%100
44	M53A	Z	-.197	-.197	0	%100
45	M56	X	.186	.186	0	%100
46	M56	Z	-.107	-.107	0	%100
47	M57	X	.743	.743	0	%100
48	M57	Z	-.429	-.429	0	%100
49	M62	X	1.03	1.03	0	%100
50	M62	Z	-.595	-.595	0	%100
51	M63	X	1.391	1.391	0	%100
52	M63	Z	-.803	-.803	0	%100
53	M65	X	1.441	1.441	0	%100
54	M65	Z	-.832	-.832	0	%100
55	M67	X	1.03	1.03	0	%100
56	M67	Z	-.595	-.595	0	%100
57	M68	X	.348	.348	0	%100
58	M68	Z	-.201	-.201	0	%100
59	M70	X	.36	.36	0	%100
60	M70	Z	-.208	-.208	0	%100
61	M72	X	.607	.607	0	%100
62	M72	Z	-.351	-.351	0	%100
63	M73A	X	.212	.212	0	%100
64	M73A	Z	-.122	-.122	0	%100
65	M74A	X	.212	.212	0	%100
66	M74A	Z	-.122	-.122	0	%100
67	M75A	X	.341	.341	0	%100
68	M75A	Z	-.197	-.197	0	%100
69	M78A	X	.743	.743	0	%100
70	M78A	Z	-.429	-.429	0	%100
71	M79A	X	.186	.186	0	%100
72	M79A	Z	-.107	-.107	0	%100
73	M84A	X	1.03	1.03	0	%100
74	M84A	Z	-.595	-.595	0	%100
75	M85A	X	.348	.348	0	%100
76	M85A	Z	-.201	-.201	0	%100
77	M87	X	.36	.36	0	%100
78	M87	Z	-.208	-.208	0	%100
79	M89	X	1.03	1.03	0	%100
80	M89	Z	-.595	-.595	0	%100
81	M90	X	1.391	1.391	0	%100
82	M90	Z	-.803	-.803	0	%100
83	M92A	X	1.441	1.441	0	%100
84	M92A	Z	-.832	-.832	0	%100
85	MP2A	X	.54	.54	0	%100
86	MP2A	Z	-.312	-.312	0	%100
87	MP1C	X	.54	.54	0	%100
88	MP1C	Z	-.312	-.312	0	%100
89	MP4C	X	.54	.54	0	%100
90	MP4C	Z	-.312	-.312	0	%100
91	MP2C	X	.54	.54	0	%100
92	MP2C	Z	-.312	-.312	0	%100
93	MP1B	X	.54	.54	0	%100
94	MP1B	Z	-.312	-.312	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
95	MP4B	X	.54	.54	0	%100
96	MP4B	Z	-.312	-.312	0	%100
97	MP2B	X	.54	.54	0	%100
98	MP2B	Z	-.312	-.312	0	%100
99	M94	X	0	0	0	%100
100	M94	Z	0	0	0	%100
101	M95	X	.495	.495	0	%100
102	M95	Z	-.286	-.286	0	%100
103	M96	X	.495	.495	0	%100
104	M96	Z	-.286	-.286	0	%100
105	M98	X	.442	.442	0	%100
106	M98	Z	-.255	-.255	0	%100
107	M100	X	.442	.442	0	%100
108	M100	Z	-.255	-.255	0	%100
109	M101	X	.164	.164	0	%100
110	M101	Z	-.094	-.094	0	%100
111	M108	X	.654	.654	0	%100
112	M108	Z	-.378	-.378	0	%100
113	M115	X	.164	.164	0	%100
114	M115	Z	-.094	-.094	0	%100
115	M122	X	.858	.858	0	%100
116	M122	Z	-.496	-.496	0	%100
117	M123	X	.215	.215	0	%100
118	M123	Z	-.124	-.124	0	%100
119	M124	X	.215	.215	0	%100
120	M124	Z	-.124	-.124	0	%100
121	M125	X	.996	.996	0	%100
122	M125	Z	-.575	-.575	0	%100
123	M126	X	.705	.705	0	%100
124	M126	Z	-.407	-.407	0	%100
125	M127	X	.996	.996	0	%100
126	M127	Z	-.575	-.575	0	%100
127	MP3C	X	.654	.654	0	%100
128	MP3C	Z	-.378	-.378	0	%100
129	MP3B	X	.654	.654	0	%100
130	MP3B	Z	-.378	-.378	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	.665	.665	0	%100
2	M20	Z	0	0	0	%100
3	M32	X	0	0	0	%100
4	M32	Z	0	0	0	%100
5	M33A	X	.665	.665	0	%100
6	M33A	Z	0	0	0	%100
7	MP1A	X	.624	.624	0	%100
8	MP1A	Z	0	0	0	%100
9	MP3A	X	.755	.755	0	%100
10	MP3A	Z	0	0	0	%100
11	MP4A	X	.624	.624	0	%100
12	MP4A	Z	0	0	0	%100
13	M72A	X	.234	.234	0	%100
14	M72A	Z	0	0	0	%100
15	M73	X	.733	.733	0	%100
16	M73	Z	0	0	0	%100
17	M74	X	.733	.733	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M74	Z	0	0	0	%100
19	M75	X	1.182	1.182	0	%100
20	M75	Z	0	0	0	%100
21	M78	X	.644	.644	0	%100
22	M78	Z	0	0	0	%100
23	M79	X	0	0	0	%100
24	M79	Z	0	0	0	%100
25	M84	X	.397	.397	0	%100
26	M84	Z	0	0	0	%100
27	M85	X	0	0	0	%100
28	M85	Z	0	0	0	%100
29	M87A	X	0	0	0	%100
30	M87A	Z	0	0	0	%100
31	M89A	X	.397	.397	0	%100
32	M89A	Z	0	0	0	%100
33	M90A	X	1.204	1.204	0	%100
34	M90A	Z	0	0	0	%100
35	M92	X	1.248	1.248	0	%100
36	M92	Z	0	0	0	%100
37	M50A	X	.234	.234	0	%100
38	M50A	Z	0	0	0	%100
39	M51A	X	.733	.733	0	%100
40	M51A	Z	0	0	0	%100
41	M52	X	.733	.733	0	%100
42	M52	Z	0	0	0	%100
43	M53A	X	1.182	1.182	0	%100
44	M53A	Z	0	0	0	%100
45	M56	X	0	0	0	%100
46	M56	Z	0	0	0	%100
47	M57	X	.644	.644	0	%100
48	M57	Z	0	0	0	%100
49	M62	X	.397	.397	0	%100
50	M62	Z	0	0	0	%100
51	M63	X	1.204	1.204	0	%100
52	M63	Z	0	0	0	%100
53	M65	X	1.248	1.248	0	%100
54	M65	Z	0	0	0	%100
55	M67	X	.397	.397	0	%100
56	M67	Z	0	0	0	%100
57	M68	X	0	0	0	%100
58	M68	Z	0	0	0	%100
59	M70	X	0	0	0	%100
60	M70	Z	0	0	0	%100
61	M72	X	.935	.935	0	%100
62	M72	Z	0	0	0	%100
63	M73A	X	0	0	0	%100
64	M73A	Z	0	0	0	%100
65	M74A	X	0	0	0	%100
66	M74A	Z	0	0	0	%100
67	M75A	X	0	0	0	%100
68	M75A	Z	0	0	0	%100
69	M78A	X	.644	.644	0	%100
70	M78A	Z	0	0	0	%100
71	M79A	X	.644	.644	0	%100
72	M79A	Z	0	0	0	%100
73	M84A	X	1.586	1.586	0	%100
74	M84A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	M85A	X	1.204	1.204	0	%100
76	M85A	Z	0	0	0	%100
77	M87	X	1.248	1.248	0	%100
78	M87	Z	0	0	0	%100
79	M89	X	1.586	1.586	0	%100
80	M89	Z	0	0	0	%100
81	M90	X	1.204	1.204	0	%100
82	M90	Z	0	0	0	%100
83	M92A	X	1.248	1.248	0	%100
84	M92A	Z	0	0	0	%100
85	MP2A	X	.624	.624	0	%100
86	MP2A	Z	0	0	0	%100
87	MP1C	X	.624	.624	0	%100
88	MP1C	Z	0	0	0	%100
89	MP4C	X	.624	.624	0	%100
90	MP4C	Z	0	0	0	%100
91	MP2C	X	.624	.624	0	%100
92	MP2C	Z	0	0	0	%100
93	MP1B	X	.624	.624	0	%100
94	MP1B	Z	0	0	0	%100
95	MP4B	X	.624	.624	0	%100
96	MP4B	Z	0	0	0	%100
97	MP2B	X	.624	.624	0	%100
98	MP2B	Z	0	0	0	%100
99	M94	X	.19	.19	0	%100
100	M94	Z	0	0	0	%100
101	M95	X	.762	.762	0	%100
102	M95	Z	0	0	0	%100
103	M96	X	.19	.19	0	%100
104	M96	Z	0	0	0	%100
105	M98	X	.51	.51	0	%100
106	M98	Z	0	0	0	%100
107	M100	X	.51	.51	0	%100
108	M100	Z	0	0	0	%100
109	M101	X	0	0	0	%100
110	M101	Z	0	0	0	%100
111	M108	X	.567	.567	0	%100
112	M108	Z	0	0	0	%100
113	M115	X	.567	.567	0	%100
114	M115	Z	0	0	0	%100
115	M122	X	.743	.743	0	%100
116	M122	Z	0	0	0	%100
117	M123	X	0	0	0	%100
118	M123	Z	0	0	0	%100
119	M124	X	.743	.743	0	%100
120	M124	Z	0	0	0	%100
121	M125	X	1.262	1.262	0	%100
122	M125	Z	0	0	0	%100
123	M126	X	.926	.926	0	%100
124	M126	Z	0	0	0	%100
125	M127	X	.926	.926	0	%100
126	M127	Z	0	0	0	%100
127	MP3C	X	.755	.755	0	%100
128	MP3C	Z	0	0	0	%100
129	MP3B	X	.755	.755	0	%100
130	MP3B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	.768	.768	0	%100
2	M20	Z	.444	.444	0	%100
3	M32	X	.192	.192	0	%100
4	M32	Z	.111	.111	0	%100
5	M33A	X	.192	.192	0	%100
6	M33A	Z	.111	.111	0	%100
7	MP1A	X	.54	.54	0	%100
8	MP1A	Z	.312	.312	0	%100
9	MP3A	X	.654	.654	0	%100
10	MP3A	Z	.378	.378	0	%100
11	MP4A	X	.54	.54	0	%100
12	MP4A	Z	.312	.312	0	%100
13	M72A	X	.607	.607	0	%100
14	M72A	Z	.351	.351	0	%100
15	M73	X	.212	.212	0	%100
16	M73	Z	.122	.122	0	%100
17	M74	X	.212	.212	0	%100
18	M74	Z	.122	.122	0	%100
19	M75	X	.341	.341	0	%100
20	M75	Z	.197	.197	0	%100
21	M78	X	.743	.743	0	%100
22	M78	Z	.429	.429	0	%100
23	M79	X	.186	.186	0	%100
24	M79	Z	.107	.107	0	%100
25	M84	X	1.03	1.03	0	%100
26	M84	Z	.595	.595	0	%100
27	M85	X	.348	.348	0	%100
28	M85	Z	.201	.201	0	%100
29	M87A	X	.36	.36	0	%100
30	M87A	Z	.208	.208	0	%100
31	M89A	X	1.03	1.03	0	%100
32	M89A	Z	.595	.595	0	%100
33	M90A	X	1.391	1.391	0	%100
34	M90A	Z	.803	.803	0	%100
35	M92	X	1.441	1.441	0	%100
36	M92	Z	.832	.832	0	%100
37	M50A	X	0	0	0	%100
38	M50A	Z	0	0	0	%100
39	M51A	X	.846	.846	0	%100
40	M51A	Z	.489	.489	0	%100
41	M52	X	.846	.846	0	%100
42	M52	Z	.489	.489	0	%100
43	M53A	X	1.365	1.365	0	%100
44	M53A	Z	.788	.788	0	%100
45	M56	X	.186	.186	0	%100
46	M56	Z	.107	.107	0	%100
47	M57	X	.186	.186	0	%100
48	M57	Z	.107	.107	0	%100
49	M62	X	0	0	0	%100
50	M62	Z	0	0	0	%100
51	M63	X	.348	.348	0	%100
52	M63	Z	.201	.201	0	%100
53	M65	X	.36	.36	0	%100
54	M65	Z	.208	.208	0	%100
55	M67	X	0	0	0	%100
56	M67	Z	0	0	0	%100
57	M68	X	.348	.348	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M68	Z	.201	.201	0	%100
59	M70	X	.36	.36	0	%100
60	M70	Z	.208	.208	0	%100
61	M72	X	.607	.607	0	%100
62	M72	Z	.351	.351	0	%100
63	M73A	X	.212	.212	0	%100
64	M73A	Z	.122	.122	0	%100
65	M74A	X	.212	.212	0	%100
66	M74A	Z	.122	.122	0	%100
67	M75A	X	.341	.341	0	%100
68	M75A	Z	.197	.197	0	%100
69	M78A	X	.186	.186	0	%100
70	M78A	Z	.107	.107	0	%100
71	M79A	X	.743	.743	0	%100
72	M79A	Z	.429	.429	0	%100
73	M84A	X	1.03	1.03	0	%100
74	M84A	Z	.595	.595	0	%100
75	M85A	X	1.391	1.391	0	%100
76	M85A	Z	.803	.803	0	%100
77	M87	X	1.441	1.441	0	%100
78	M87	Z	.832	.832	0	%100
79	M89	X	1.03	1.03	0	%100
80	M89	Z	.595	.595	0	%100
81	M90	X	.348	.348	0	%100
82	M90	Z	.201	.201	0	%100
83	M92A	X	.36	.36	0	%100
84	M92A	Z	.208	.208	0	%100
85	MP2A	X	.54	.54	0	%100
86	MP2A	Z	.312	.312	0	%100
87	MP1C	X	.54	.54	0	%100
88	MP1C	Z	.312	.312	0	%100
89	MP4C	X	.54	.54	0	%100
90	MP4C	Z	.312	.312	0	%100
91	MP2C	X	.54	.54	0	%100
92	MP2C	Z	.312	.312	0	%100
93	MP1B	X	.54	.54	0	%100
94	MP1B	Z	.312	.312	0	%100
95	MP4B	X	.54	.54	0	%100
96	MP4B	Z	.312	.312	0	%100
97	MP2B	X	.54	.54	0	%100
98	MP2B	Z	.312	.312	0	%100
99	M94	X	.495	.495	0	%100
100	M94	Z	.286	.286	0	%100
101	M95	X	.495	.495	0	%100
102	M95	Z	.286	.286	0	%100
103	M96	X	0	0	0	%100
104	M96	Z	0	0	0	%100
105	M98	X	.442	.442	0	%100
106	M98	Z	.255	.255	0	%100
107	M100	X	.442	.442	0	%100
108	M100	Z	.255	.255	0	%100
109	M101	X	.164	.164	0	%100
110	M101	Z	.094	.094	0	%100
111	M108	X	.164	.164	0	%100
112	M108	Z	.094	.094	0	%100
113	M115	X	.654	.654	0	%100
114	M115	Z	.378	.378	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M122	X	.215	.215	0	%100
116	M122	Z	.124	.124	0	%100
117	M123	X	.215	.215	0	%100
118	M123	Z	.124	.124	0	%100
119	M124	X	.858	.858	0	%100
120	M124	Z	.496	.496	0	%100
121	M125	X	.996	.996	0	%100
122	M125	Z	.575	.575	0	%100
123	M126	X	.996	.996	0	%100
124	M126	Z	.575	.575	0	%100
125	M127	X	.705	.705	0	%100
126	M127	Z	.407	.407	0	%100
127	MP3C	X	.654	.654	0	%100
128	MP3C	Z	.378	.378	0	%100
129	MP3B	X	.654	.654	0	%100
130	MP3B	Z	.378	.378	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	.333	.333	0	%100
2	M20	Z	.576	.576	0	%100
3	M32	X	.333	.333	0	%100
4	M32	Z	.576	.576	0	%100
5	M33A	X	0	0	0	%100
6	M33A	Z	0	0	0	%100
7	MP1A	X	.312	.312	0	%100
8	MP1A	Z	.54	.54	0	%100
9	MP3A	X	.378	.378	0	%100
10	MP3A	Z	.654	.654	0	%100
11	MP4A	X	.312	.312	0	%100
12	MP4A	Z	.54	.54	0	%100
13	M72A	X	.468	.468	0	%100
14	M72A	Z	.81	.81	0	%100
15	M73	X	0	0	0	%100
16	M73	Z	0	0	0	%100
17	M74	X	0	0	0	%100
18	M74	Z	0	0	0	%100
19	M75	X	0	0	0	%100
20	M75	Z	0	0	0	%100
21	M78	X	.322	.322	0	%100
22	M78	Z	.557	.557	0	%100
23	M79	X	.322	.322	0	%100
24	M79	Z	.558	.558	0	%100
25	M84	X	.793	.793	0	%100
26	M84	Z	1.374	1.374	0	%100
27	M85	X	.602	.602	0	%100
28	M85	Z	1.043	1.043	0	%100
29	M87A	X	.624	.624	0	%100
30	M87A	Z	1.081	1.081	0	%100
31	M89A	X	.793	.793	0	%100
32	M89A	Z	1.374	1.374	0	%100
33	M90A	X	.602	.602	0	%100
34	M90A	Z	1.043	1.043	0	%100
35	M92	X	.624	.624	0	%100
36	M92	Z	1.081	1.081	0	%100
37	M50A	X	.117	.117	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	M50A	Z	.202	.202	0	%100
39	M51A	X	.366	.366	0	%100
40	M51A	Z	.635	.635	0	%100
41	M52	X	.366	.366	0	%100
42	M52	Z	.635	.635	0	%100
43	M53A	X	.591	.591	0	%100
44	M53A	Z	1.024	1.024	0	%100
45	M56	X	.322	.322	0	%100
46	M56	Z	.557	.557	0	%100
47	M57	X	0	0	0	%100
48	M57	Z	0	0	0	%100
49	M62	X	.198	.198	0	%100
50	M62	Z	.343	.343	0	%100
51	M63	X	0	0	0	%100
52	M63	Z	0	0	0	%100
53	M65	X	0	0	0	%100
54	M65	Z	0	0	0	%100
55	M67	X	.198	.198	0	%100
56	M67	Z	.343	.343	0	%100
57	M68	X	.602	.602	0	%100
58	M68	Z	1.043	1.043	0	%100
59	M70	X	.624	.624	0	%100
60	M70	Z	1.081	1.081	0	%100
61	M72	X	.117	.117	0	%100
62	M72	Z	.202	.202	0	%100
63	M73A	X	.366	.366	0	%100
64	M73A	Z	.635	.635	0	%100
65	M74A	X	.366	.366	0	%100
66	M74A	Z	.635	.635	0	%100
67	M75A	X	.591	.591	0	%100
68	M75A	Z	1.024	1.024	0	%100
69	M78A	X	0	0	0	%100
70	M78A	Z	0	0	0	%100
71	M79A	X	.322	.322	0	%100
72	M79A	Z	.558	.558	0	%100
73	M84A	X	.198	.198	0	%100
74	M84A	Z	.343	.343	0	%100
75	M85A	X	.602	.602	0	%100
76	M85A	Z	1.043	1.043	0	%100
77	M87	X	.624	.624	0	%100
78	M87	Z	1.081	1.081	0	%100
79	M89	X	.198	.198	0	%100
80	M89	Z	.343	.343	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	0	0	0	%100
83	M92A	X	0	0	0	%100
84	M92A	Z	0	0	0	%100
85	MP2A	X	.312	.312	0	%100
86	MP2A	Z	.54	.54	0	%100
87	MP1C	X	.312	.312	0	%100
88	MP1C	Z	.54	.54	0	%100
89	MP4C	X	.312	.312	0	%100
90	MP4C	Z	.54	.54	0	%100
91	MP2C	X	.312	.312	0	%100
92	MP2C	Z	.54	.54	0	%100
93	MP1B	X	.312	.312	0	%100
94	MP1B	Z	.54	.54	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
95	MP4B	X	.312	.312	0	%100
96	MP4B	Z	.54	.54	0	%100
97	MP2B	X	.312	.312	0	%100
98	MP2B	Z	.54	.54	0	%100
99	M94	X	.381	.381	0	%100
100	M94	Z	.659	.659	0	%100
101	M95	X	.095	.095	0	%100
102	M95	Z	.165	.165	0	%100
103	M96	X	.095	.095	0	%100
104	M96	Z	.165	.165	0	%100
105	M98	X	.255	.255	0	%100
106	M98	Z	.442	.442	0	%100
107	M100	X	.255	.255	0	%100
108	M100	Z	.442	.442	0	%100
109	M101	X	.283	.283	0	%100
110	M101	Z	.491	.491	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M115	X	.283	.283	0	%100
114	M115	Z	.491	.491	0	%100
115	M122	X	0	0	0	%100
116	M122	Z	0	0	0	%100
117	M123	X	.372	.372	0	%100
118	M123	Z	.644	.644	0	%100
119	M124	X	.372	.372	0	%100
120	M124	Z	.644	.644	0	%100
121	M125	X	.463	.463	0	%100
122	M125	Z	.802	.802	0	%100
123	M126	X	.631	.631	0	%100
124	M126	Z	1.093	1.093	0	%100
125	M127	X	.463	.463	0	%100
126	M127	Z	.802	.802	0	%100
127	MP3C	X	.378	.378	0	%100
128	MP3C	Z	.654	.654	0	%100
129	MP3B	X	.378	.378	0	%100
130	MP3B	Z	.654	.654	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	0	0	0	%100
2	M20	Z	.222	.222	0	%100
3	M32	X	0	0	0	%100
4	M32	Z	.887	.887	0	%100
5	M33A	X	0	0	0	%100
6	M33A	Z	.222	.222	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	.624	.624	0	%100
9	MP3A	X	0	0	0	%100
10	MP3A	Z	.755	.755	0	%100
11	MP4A	X	0	0	0	%100
12	MP4A	Z	.624	.624	0	%100
13	M72A	X	0	0	0	%100
14	M72A	Z	.701	.701	0	%100
15	M73	X	0	0	0	%100
16	M73	Z	.244	.244	0	%100
17	M74	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M74	Z	.244	.244	0	%100
19	M75	X	0	0	0	%100
20	M75	Z	.394	.394	0	%100
21	M78	X	0	0	0	%100
22	M78	Z	.215	.215	0	%100
23	M79	X	0	0	0	%100
24	M79	Z	.858	.858	0	%100
25	M84	X	0	0	0	%100
26	M84	Z	1.19	1.19	0	%100
27	M85	X	0	0	0	%100
28	M85	Z	1.606	1.606	0	%100
29	M87A	X	0	0	0	%100
30	M87A	Z	1.664	1.664	0	%100
31	M89A	X	0	0	0	%100
32	M89A	Z	1.19	1.19	0	%100
33	M90A	X	0	0	0	%100
34	M90A	Z	.401	.401	0	%100
35	M92	X	0	0	0	%100
36	M92	Z	.416	.416	0	%100
37	M50A	X	0	0	0	%100
38	M50A	Z	.701	.701	0	%100
39	M51A	X	0	0	0	%100
40	M51A	Z	.244	.244	0	%100
41	M52	X	0	0	0	%100
42	M52	Z	.244	.244	0	%100
43	M53A	X	0	0	0	%100
44	M53A	Z	.394	.394	0	%100
45	M56	X	0	0	0	%100
46	M56	Z	.858	.858	0	%100
47	M57	X	0	0	0	%100
48	M57	Z	.215	.215	0	%100
49	M62	X	0	0	0	%100
50	M62	Z	1.19	1.19	0	%100
51	M63	X	0	0	0	%100
52	M63	Z	.401	.401	0	%100
53	M65	X	0	0	0	%100
54	M65	Z	.416	.416	0	%100
55	M67	X	0	0	0	%100
56	M67	Z	1.19	1.19	0	%100
57	M68	X	0	0	0	%100
58	M68	Z	1.606	1.606	0	%100
59	M70	X	0	0	0	%100
60	M70	Z	1.664	1.664	0	%100
61	M72	X	0	0	0	%100
62	M72	Z	0	0	0	%100
63	M73A	X	0	0	0	%100
64	M73A	Z	.977	.977	0	%100
65	M74A	X	0	0	0	%100
66	M74A	Z	.977	.977	0	%100
67	M75A	X	0	0	0	%100
68	M75A	Z	1.577	1.577	0	%100
69	M78A	X	0	0	0	%100
70	M78A	Z	.215	.215	0	%100
71	M79A	X	0	0	0	%100
72	M79A	Z	.215	.215	0	%100
73	M84A	X	0	0	0	%100
74	M84A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	M85A	X	0	0	0	%100
76	M85A	Z	.401	.401	0	%100
77	M87	X	0	0	0	%100
78	M87	Z	.416	.416	0	%100
79	M89	X	0	0	0	%100
80	M89	Z	0	0	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	.401	.401	0	%100
83	M92A	X	0	0	0	%100
84	M92A	Z	.416	.416	0	%100
85	MP2A	X	0	0	0	%100
86	MP2A	Z	.624	.624	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	.624	.624	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	.624	.624	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	.624	.624	0	%100
93	MP1B	X	0	0	0	%100
94	MP1B	Z	.624	.624	0	%100
95	MP4B	X	0	0	0	%100
96	MP4B	Z	.624	.624	0	%100
97	MP2B	X	0	0	0	%100
98	MP2B	Z	.624	.624	0	%100
99	M94	X	0	0	0	%100
100	M94	Z	.571	.571	0	%100
101	M95	X	0	0	0	%100
102	M95	Z	0	0	0	%100
103	M96	X	0	0	0	%100
104	M96	Z	.571	.571	0	%100
105	M98	X	0	0	0	%100
106	M98	Z	.51	.51	0	%100
107	M100	X	0	0	0	%100
108	M100	Z	.51	.51	0	%100
109	M101	X	0	0	0	%100
110	M101	Z	.755	.755	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	.189	.189	0	%100
113	M115	X	0	0	0	%100
114	M115	Z	.189	.189	0	%100
115	M122	X	0	0	0	%100
116	M122	Z	.248	.248	0	%100
117	M123	X	0	0	0	%100
118	M123	Z	.991	.991	0	%100
119	M124	X	0	0	0	%100
120	M124	Z	.248	.248	0	%100
121	M125	X	0	0	0	%100
122	M125	Z	.814	.814	0	%100
123	M126	X	0	0	0	%100
124	M126	Z	1.15	1.15	0	%100
125	M127	X	0	0	0	%100
126	M127	Z	1.15	1.15	0	%100
127	MP3C	X	0	0	0	%100
128	MP3C	Z	.755	.755	0	%100
129	MP3B	X	0	0	0	%100
130	MP3B	Z	.755	.755	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M32	X	-.333	-.333	0	%100
4	M32	Z	.576	.576	0	%100
5	M33A	X	-.333	-.333	0	%100
6	M33A	Z	.576	.576	0	%100
7	MP1A	X	-.312	-.312	0	%100
8	MP1A	Z	.54	.54	0	%100
9	MP3A	X	-.378	-.378	0	%100
10	MP3A	Z	.654	.654	0	%100
11	MP4A	X	-.312	-.312	0	%100
12	MP4A	Z	.54	.54	0	%100
13	M72A	X	-.117	-.117	0	%100
14	M72A	Z	.202	.202	0	%100
15	M73	X	-.366	-.366	0	%100
16	M73	Z	.635	.635	0	%100
17	M74	X	-.366	-.366	0	%100
18	M74	Z	.635	.635	0	%100
19	M75	X	-.591	-.591	0	%100
20	M75	Z	1.024	1.024	0	%100
21	M78	X	0	0	0	%100
22	M78	Z	0	0	0	%100
23	M79	X	-.322	-.322	0	%100
24	M79	Z	.558	.558	0	%100
25	M84	X	-.198	-.198	0	%100
26	M84	Z	.343	.343	0	%100
27	M85	X	-.602	-.602	0	%100
28	M85	Z	1.043	1.043	0	%100
29	M87A	X	-.624	-.624	0	%100
30	M87A	Z	1.081	1.081	0	%100
31	M89A	X	-.198	-.198	0	%100
32	M89A	Z	.343	.343	0	%100
33	M90A	X	0	0	0	%100
34	M90A	Z	0	0	0	%100
35	M92	X	0	0	0	%100
36	M92	Z	0	0	0	%100
37	M50A	X	-.468	-.468	0	%100
38	M50A	Z	.81	.81	0	%100
39	M51A	X	0	0	0	%100
40	M51A	Z	0	0	0	%100
41	M52	X	0	0	0	%100
42	M52	Z	0	0	0	%100
43	M53A	X	0	0	0	%100
44	M53A	Z	0	0	0	%100
45	M56	X	-.322	-.322	0	%100
46	M56	Z	.557	.557	0	%100
47	M57	X	-.322	-.322	0	%100
48	M57	Z	.558	.558	0	%100
49	M62	X	-.793	-.793	0	%100
50	M62	Z	1.374	1.374	0	%100
51	M63	X	-.602	-.602	0	%100
52	M63	Z	1.043	1.043	0	%100
53	M65	X	-.624	-.624	0	%100
54	M65	Z	1.081	1.081	0	%100
55	M67	X	-.793	-.793	0	%100
56	M67	Z	1.374	1.374	0	%100
57	M68	X	-.602	-.602	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M68	Z	1.043	1.043	0	%100
59	M70	X	-.624	-.624	0	%100
60	M70	Z	1.081	1.081	0	%100
61	M72	X	-.117	-.117	0	%100
62	M72	Z	.202	.202	0	%100
63	M73A	X	-.366	-.366	0	%100
64	M73A	Z	.635	.635	0	%100
65	M74A	X	-.366	-.366	0	%100
66	M74A	Z	.635	.635	0	%100
67	M75A	X	-.591	-.591	0	%100
68	M75A	Z	1.024	1.024	0	%100
69	M78A	X	-.322	-.322	0	%100
70	M78A	Z	.557	.557	0	%100
71	M79A	X	0	0	0	%100
72	M79A	Z	0	0	0	%100
73	M84A	X	-.198	-.198	0	%100
74	M84A	Z	.343	.343	0	%100
75	M85A	X	0	0	0	%100
76	M85A	Z	0	0	0	%100
77	M87	X	0	0	0	%100
78	M87	Z	0	0	0	%100
79	M89	X	-.198	-.198	0	%100
80	M89	Z	.343	.343	0	%100
81	M90	X	-.602	-.602	0	%100
82	M90	Z	1.043	1.043	0	%100
83	M92A	X	-.624	-.624	0	%100
84	M92A	Z	1.081	1.081	0	%100
85	MP2A	X	-.312	-.312	0	%100
86	MP2A	Z	.54	.54	0	%100
87	MP1C	X	-.312	-.312	0	%100
88	MP1C	Z	.54	.54	0	%100
89	MP4C	X	-.312	-.312	0	%100
90	MP4C	Z	.54	.54	0	%100
91	MP2C	X	-.312	-.312	0	%100
92	MP2C	Z	.54	.54	0	%100
93	MP1B	X	-.312	-.312	0	%100
94	MP1B	Z	.54	.54	0	%100
95	MP4B	X	-.312	-.312	0	%100
96	MP4B	Z	.54	.54	0	%100
97	MP2B	X	-.312	-.312	0	%100
98	MP2B	Z	.54	.54	0	%100
99	M94	X	-.095	-.095	0	%100
100	M94	Z	.165	.165	0	%100
101	M95	X	-.095	-.095	0	%100
102	M95	Z	.165	.165	0	%100
103	M96	X	-.381	-.381	0	%100
104	M96	Z	.659	.659	0	%100
105	M98	X	-.255	-.255	0	%100
106	M98	Z	.442	.442	0	%100
107	M100	X	-.255	-.255	0	%100
108	M100	Z	.442	.442	0	%100
109	M101	X	-.283	-.283	0	%100
110	M101	Z	.491	.491	0	%100
111	M108	X	-.283	-.283	0	%100
112	M108	Z	.491	.491	0	%100
113	M115	X	0	0	0	%100
114	M115	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M122	X	-.372	-.372	0	%100
116	M122	Z	.644	.644	0	%100
117	M123	X	-.372	-.372	0	%100
118	M123	Z	.644	.644	0	%100
119	M124	X	0	0	0	%100
120	M124	Z	0	0	0	%100
121	M125	X	-.463	-.463	0	%100
122	M125	Z	.802	.802	0	%100
123	M126	X	-.463	-.463	0	%100
124	M126	Z	.802	.802	0	%100
125	M127	X	-.631	-.631	0	%100
126	M127	Z	1.093	1.093	0	%100
127	MP3C	X	-.378	-.378	0	%100
128	MP3C	Z	.654	.654	0	%100
129	MP3B	X	-.378	-.378	0	%100
130	MP3B	Z	.654	.654	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	-.192	-.192	0	%100
2	M20	Z	.111	.111	0	%100
3	M32	X	-.192	-.192	0	%100
4	M32	Z	.111	.111	0	%100
5	M33A	X	-.768	-.768	0	%100
6	M33A	Z	.444	.444	0	%100
7	MP1A	X	-.54	-.54	0	%100
8	MP1A	Z	.312	.312	0	%100
9	MP3A	X	-.654	-.654	0	%100
10	MP3A	Z	.378	.378	0	%100
11	MP4A	X	-.54	-.54	0	%100
12	MP4A	Z	.312	.312	0	%100
13	M72A	X	0	0	0	%100
14	M72A	Z	0	0	0	%100
15	M73	X	-.846	-.846	0	%100
16	M73	Z	.489	.489	0	%100
17	M74	X	-.846	-.846	0	%100
18	M74	Z	.489	.489	0	%100
19	M75	X	-1.365	-1.365	0	%100
20	M75	Z	.788	.788	0	%100
21	M78	X	-.186	-.186	0	%100
22	M78	Z	.107	.107	0	%100
23	M79	X	-.186	-.186	0	%100
24	M79	Z	.107	.107	0	%100
25	M84	X	0	0	0	%100
26	M84	Z	0	0	0	%100
27	M85	X	-.348	-.348	0	%100
28	M85	Z	.201	.201	0	%100
29	M87A	X	-.36	-.36	0	%100
30	M87A	Z	.208	.208	0	%100
31	M89A	X	0	0	0	%100
32	M89A	Z	0	0	0	%100
33	M90A	X	-.348	-.348	0	%100
34	M90A	Z	.201	.201	0	%100
35	M92	X	-.36	-.36	0	%100
36	M92	Z	.208	.208	0	%100
37	M50A	X	-.607	-.607	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	M50A	Z	.351	.351	0	%100
39	M51A	X	-.212	-.212	0	%100
40	M51A	Z	.122	.122	0	%100
41	M52	X	-.212	-.212	0	%100
42	M52	Z	.122	.122	0	%100
43	M53A	X	-.341	-.341	0	%100
44	M53A	Z	.197	.197	0	%100
45	M56	X	-.186	-.186	0	%100
46	M56	Z	.107	.107	0	%100
47	M57	X	-.743	-.743	0	%100
48	M57	Z	.429	.429	0	%100
49	M62	X	-1.03	-1.03	0	%100
50	M62	Z	.595	.595	0	%100
51	M63	X	-1.391	-1.391	0	%100
52	M63	Z	.803	.803	0	%100
53	M65	X	-1.441	-1.441	0	%100
54	M65	Z	.832	.832	0	%100
55	M67	X	-1.03	-1.03	0	%100
56	M67	Z	.595	.595	0	%100
57	M68	X	-.348	-.348	0	%100
58	M68	Z	.201	.201	0	%100
59	M70	X	-.36	-.36	0	%100
60	M70	Z	.208	.208	0	%100
61	M72	X	-.607	-.607	0	%100
62	M72	Z	.351	.351	0	%100
63	M73A	X	-.212	-.212	0	%100
64	M73A	Z	.122	.122	0	%100
65	M74A	X	-.212	-.212	0	%100
66	M74A	Z	.122	.122	0	%100
67	M75A	X	-.341	-.341	0	%100
68	M75A	Z	.197	.197	0	%100
69	M78A	X	-.743	-.743	0	%100
70	M78A	Z	.429	.429	0	%100
71	M79A	X	-.186	-.186	0	%100
72	M79A	Z	.107	.107	0	%100
73	M84A	X	-1.03	-1.03	0	%100
74	M84A	Z	.595	.595	0	%100
75	M85A	X	-.348	-.348	0	%100
76	M85A	Z	.201	.201	0	%100
77	M87	X	-.36	-.36	0	%100
78	M87	Z	.208	.208	0	%100
79	M89	X	-1.03	-1.03	0	%100
80	M89	Z	.595	.595	0	%100
81	M90	X	-1.391	-1.391	0	%100
82	M90	Z	.803	.803	0	%100
83	M92A	X	-1.441	-1.441	0	%100
84	M92A	Z	.832	.832	0	%100
85	MP2A	X	-.54	-.54	0	%100
86	MP2A	Z	.312	.312	0	%100
87	MP1C	X	-.54	-.54	0	%100
88	MP1C	Z	.312	.312	0	%100
89	MP4C	X	-.54	-.54	0	%100
90	MP4C	Z	.312	.312	0	%100
91	MP2C	X	-.54	-.54	0	%100
92	MP2C	Z	.312	.312	0	%100
93	MP1B	X	-.54	-.54	0	%100
94	MP1B	Z	.312	.312	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
95	MP4B	X	-.54	-.54	0	%100
96	MP4B	Z	.312	.312	0	%100
97	MP2B	X	-.54	-.54	0	%100
98	MP2B	Z	.312	.312	0	%100
99	M94	X	0	0	0	%100
100	M94	Z	0	0	0	%100
101	M95	X	-.495	-.495	0	%100
102	M95	Z	.286	.286	0	%100
103	M96	X	-.495	-.495	0	%100
104	M96	Z	.286	.286	0	%100
105	M98	X	-.442	-.442	0	%100
106	M98	Z	.255	.255	0	%100
107	M100	X	-.442	-.442	0	%100
108	M100	Z	.255	.255	0	%100
109	M101	X	-.164	-.164	0	%100
110	M101	Z	.094	.094	0	%100
111	M108	X	-.654	-.654	0	%100
112	M108	Z	.378	.378	0	%100
113	M115	X	-.164	-.164	0	%100
114	M115	Z	.094	.094	0	%100
115	M122	X	-.858	-.858	0	%100
116	M122	Z	.496	.496	0	%100
117	M123	X	-.215	-.215	0	%100
118	M123	Z	.124	.124	0	%100
119	M124	X	-.215	-.215	0	%100
120	M124	Z	.124	.124	0	%100
121	M125	X	-.996	-.996	0	%100
122	M125	Z	.575	.575	0	%100
123	M126	X	-.705	-.705	0	%100
124	M126	Z	.407	.407	0	%100
125	M127	X	-.996	-.996	0	%100
126	M127	Z	.575	.575	0	%100
127	MP3C	X	-.654	-.654	0	%100
128	MP3C	Z	.378	.378	0	%100
129	MP3B	X	-.654	-.654	0	%100
130	MP3B	Z	.378	.378	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	-.665	-.665	0	%100
2	M20	Z	0	0	0	%100
3	M32	X	0	0	0	%100
4	M32	Z	0	0	0	%100
5	M33A	X	-.665	-.665	0	%100
6	M33A	Z	0	0	0	%100
7	MP1A	X	-.624	-.624	0	%100
8	MP1A	Z	0	0	0	%100
9	MP3A	X	-.755	-.755	0	%100
10	MP3A	Z	0	0	0	%100
11	MP4A	X	-.624	-.624	0	%100
12	MP4A	Z	0	0	0	%100
13	M72A	X	-.234	-.234	0	%100
14	M72A	Z	0	0	0	%100
15	M73	X	-.733	-.733	0	%100
16	M73	Z	0	0	0	%100
17	M74	X	-.733	-.733	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M74	Z	0	0	0	%100
19	M75	X	-1.182	-1.182	0	%100
20	M75	Z	0	0	0	%100
21	M78	X	-.644	-.644	0	%100
22	M78	Z	0	0	0	%100
23	M79	X	0	0	0	%100
24	M79	Z	0	0	0	%100
25	M84	X	-.397	-.397	0	%100
26	M84	Z	0	0	0	%100
27	M85	X	0	0	0	%100
28	M85	Z	0	0	0	%100
29	M87A	X	0	0	0	%100
30	M87A	Z	0	0	0	%100
31	M89A	X	-.397	-.397	0	%100
32	M89A	Z	0	0	0	%100
33	M90A	X	-1.204	-1.204	0	%100
34	M90A	Z	0	0	0	%100
35	M92	X	-1.248	-1.248	0	%100
36	M92	Z	0	0	0	%100
37	M50A	X	-.234	-.234	0	%100
38	M50A	Z	0	0	0	%100
39	M51A	X	-.733	-.733	0	%100
40	M51A	Z	0	0	0	%100
41	M52	X	-.733	-.733	0	%100
42	M52	Z	0	0	0	%100
43	M53A	X	-1.182	-1.182	0	%100
44	M53A	Z	0	0	0	%100
45	M56	X	0	0	0	%100
46	M56	Z	0	0	0	%100
47	M57	X	-.644	-.644	0	%100
48	M57	Z	0	0	0	%100
49	M62	X	-.397	-.397	0	%100
50	M62	Z	0	0	0	%100
51	M63	X	-1.204	-1.204	0	%100
52	M63	Z	0	0	0	%100
53	M65	X	-1.248	-1.248	0	%100
54	M65	Z	0	0	0	%100
55	M67	X	-.397	-.397	0	%100
56	M67	Z	0	0	0	%100
57	M68	X	0	0	0	%100
58	M68	Z	0	0	0	%100
59	M70	X	0	0	0	%100
60	M70	Z	0	0	0	%100
61	M72	X	-.935	-.935	0	%100
62	M72	Z	0	0	0	%100
63	M73A	X	0	0	0	%100
64	M73A	Z	0	0	0	%100
65	M74A	X	0	0	0	%100
66	M74A	Z	0	0	0	%100
67	M75A	X	0	0	0	%100
68	M75A	Z	0	0	0	%100
69	M78A	X	-.644	-.644	0	%100
70	M78A	Z	0	0	0	%100
71	M79A	X	-.644	-.644	0	%100
72	M79A	Z	0	0	0	%100
73	M84A	X	-1.586	-1.586	0	%100
74	M84A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	M85A	X	-1.204	-1.204	0	%100
76	M85A	Z	0	0	0	%100
77	M87	X	-1.248	-1.248	0	%100
78	M87	Z	0	0	0	%100
79	M89	X	-1.586	-1.586	0	%100
80	M89	Z	0	0	0	%100
81	M90	X	-1.204	-1.204	0	%100
82	M90	Z	0	0	0	%100
83	M92A	X	-1.248	-1.248	0	%100
84	M92A	Z	0	0	0	%100
85	MP2A	X	-.624	-.624	0	%100
86	MP2A	Z	0	0	0	%100
87	MP1C	X	-.624	-.624	0	%100
88	MP1C	Z	0	0	0	%100
89	MP4C	X	-.624	-.624	0	%100
90	MP4C	Z	0	0	0	%100
91	MP2C	X	-.624	-.624	0	%100
92	MP2C	Z	0	0	0	%100
93	MP1B	X	-.624	-.624	0	%100
94	MP1B	Z	0	0	0	%100
95	MP4B	X	-.624	-.624	0	%100
96	MP4B	Z	0	0	0	%100
97	MP2B	X	-.624	-.624	0	%100
98	MP2B	Z	0	0	0	%100
99	M94	X	-.19	-.19	0	%100
100	M94	Z	0	0	0	%100
101	M95	X	-.762	-.762	0	%100
102	M95	Z	0	0	0	%100
103	M96	X	-.19	-.19	0	%100
104	M96	Z	0	0	0	%100
105	M98	X	-.51	-.51	0	%100
106	M98	Z	0	0	0	%100
107	M100	X	-.51	-.51	0	%100
108	M100	Z	0	0	0	%100
109	M101	X	0	0	0	%100
110	M101	Z	0	0	0	%100
111	M108	X	-.567	-.567	0	%100
112	M108	Z	0	0	0	%100
113	M115	X	-.567	-.567	0	%100
114	M115	Z	0	0	0	%100
115	M122	X	-.743	-.743	0	%100
116	M122	Z	0	0	0	%100
117	M123	X	0	0	0	%100
118	M123	Z	0	0	0	%100
119	M124	X	-.743	-.743	0	%100
120	M124	Z	0	0	0	%100
121	M125	X	-1.262	-1.262	0	%100
122	M125	Z	0	0	0	%100
123	M126	X	-.926	-.926	0	%100
124	M126	Z	0	0	0	%100
125	M127	X	-.926	-.926	0	%100
126	M127	Z	0	0	0	%100
127	MP3C	X	-.755	-.755	0	%100
128	MP3C	Z	0	0	0	%100
129	MP3B	X	-.755	-.755	0	%100
130	MP3B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	-.768	-.768	0	%100
2	M20	Z	-.444	-.444	0	%100
3	M32	X	-.192	-.192	0	%100
4	M32	Z	-.111	-.111	0	%100
5	M33A	X	-.192	-.192	0	%100
6	M33A	Z	-.111	-.111	0	%100
7	MP1A	X	-.54	-.54	0	%100
8	MP1A	Z	-.312	-.312	0	%100
9	MP3A	X	-.654	-.654	0	%100
10	MP3A	Z	-.378	-.378	0	%100
11	MP4A	X	-.54	-.54	0	%100
12	MP4A	Z	-.312	-.312	0	%100
13	M72A	X	-.607	-.607	0	%100
14	M72A	Z	-.351	-.351	0	%100
15	M73	X	-.212	-.212	0	%100
16	M73	Z	-.122	-.122	0	%100
17	M74	X	-.212	-.212	0	%100
18	M74	Z	-.122	-.122	0	%100
19	M75	X	-.341	-.341	0	%100
20	M75	Z	-.197	-.197	0	%100
21	M78	X	-.743	-.743	0	%100
22	M78	Z	-.429	-.429	0	%100
23	M79	X	-.186	-.186	0	%100
24	M79	Z	-.107	-.107	0	%100
25	M84	X	-1.03	-1.03	0	%100
26	M84	Z	-.595	-.595	0	%100
27	M85	X	-.348	-.348	0	%100
28	M85	Z	-.201	-.201	0	%100
29	M87A	X	-.36	-.36	0	%100
30	M87A	Z	-.208	-.208	0	%100
31	M89A	X	-1.03	-1.03	0	%100
32	M89A	Z	-.595	-.595	0	%100
33	M90A	X	-1.391	-1.391	0	%100
34	M90A	Z	-.803	-.803	0	%100
35	M92	X	-1.441	-1.441	0	%100
36	M92	Z	-.832	-.832	0	%100
37	M50A	X	0	0	0	%100
38	M50A	Z	0	0	0	%100
39	M51A	X	-.846	-.846	0	%100
40	M51A	Z	-.489	-.489	0	%100
41	M52	X	-.846	-.846	0	%100
42	M52	Z	-.489	-.489	0	%100
43	M53A	X	-1.365	-1.365	0	%100
44	M53A	Z	-.788	-.788	0	%100
45	M56	X	-.186	-.186	0	%100
46	M56	Z	-.107	-.107	0	%100
47	M57	X	-.186	-.186	0	%100
48	M57	Z	-.107	-.107	0	%100
49	M62	X	0	0	0	%100
50	M62	Z	0	0	0	%100
51	M63	X	-.348	-.348	0	%100
52	M63	Z	-.201	-.201	0	%100
53	M65	X	-.36	-.36	0	%100
54	M65	Z	-.208	-.208	0	%100
55	M67	X	0	0	0	%100
56	M67	Z	0	0	0	%100
57	M68	X	-.348	-.348	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M68	Z	-.201	-.201	0	%100
59	M70	X	-.36	-.36	0	%100
60	M70	Z	-.208	-.208	0	%100
61	M72	X	-.607	-.607	0	%100
62	M72	Z	-.351	-.351	0	%100
63	M73A	X	-.212	-.212	0	%100
64	M73A	Z	-.122	-.122	0	%100
65	M74A	X	-.212	-.212	0	%100
66	M74A	Z	-.122	-.122	0	%100
67	M75A	X	-.341	-.341	0	%100
68	M75A	Z	-.197	-.197	0	%100
69	M78A	X	-.186	-.186	0	%100
70	M78A	Z	-.107	-.107	0	%100
71	M79A	X	-.743	-.743	0	%100
72	M79A	Z	-.429	-.429	0	%100
73	M84A	X	-1.03	-1.03	0	%100
74	M84A	Z	-.595	-.595	0	%100
75	M85A	X	-1.391	-1.391	0	%100
76	M85A	Z	-.803	-.803	0	%100
77	M87	X	-1.441	-1.441	0	%100
78	M87	Z	-.832	-.832	0	%100
79	M89	X	-1.03	-1.03	0	%100
80	M89	Z	-.595	-.595	0	%100
81	M90	X	-.348	-.348	0	%100
82	M90	Z	-.201	-.201	0	%100
83	M92A	X	-.36	-.36	0	%100
84	M92A	Z	-.208	-.208	0	%100
85	MP2A	X	-.54	-.54	0	%100
86	MP2A	Z	-.312	-.312	0	%100
87	MP1C	X	-.54	-.54	0	%100
88	MP1C	Z	-.312	-.312	0	%100
89	MP4C	X	-.54	-.54	0	%100
90	MP4C	Z	-.312	-.312	0	%100
91	MP2C	X	-.54	-.54	0	%100
92	MP2C	Z	-.312	-.312	0	%100
93	MP1B	X	-.54	-.54	0	%100
94	MP1B	Z	-.312	-.312	0	%100
95	MP4B	X	-.54	-.54	0	%100
96	MP4B	Z	-.312	-.312	0	%100
97	MP2B	X	-.54	-.54	0	%100
98	MP2B	Z	-.312	-.312	0	%100
99	M94	X	-.495	-.495	0	%100
100	M94	Z	-.286	-.286	0	%100
101	M95	X	-.495	-.495	0	%100
102	M95	Z	-.286	-.286	0	%100
103	M96	X	0	0	0	%100
104	M96	Z	0	0	0	%100
105	M98	X	-.442	-.442	0	%100
106	M98	Z	-.255	-.255	0	%100
107	M100	X	-.442	-.442	0	%100
108	M100	Z	-.255	-.255	0	%100
109	M101	X	-.164	-.164	0	%100
110	M101	Z	-.094	-.094	0	%100
111	M108	X	-.164	-.164	0	%100
112	M108	Z	-.094	-.094	0	%100
113	M115	X	-.654	-.654	0	%100
114	M115	Z	-.378	-.378	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M122	X	-.215	-.215	0	%100
116	M122	Z	-.124	-.124	0	%100
117	M123	X	-.215	-.215	0	%100
118	M123	Z	-.124	-.124	0	%100
119	M124	X	-.858	-.858	0	%100
120	M124	Z	-.496	-.496	0	%100
121	M125	X	-.996	-.996	0	%100
122	M125	Z	-.575	-.575	0	%100
123	M126	X	-.996	-.996	0	%100
124	M126	Z	-.575	-.575	0	%100
125	M127	X	-.705	-.705	0	%100
126	M127	Z	-.407	-.407	0	%100
127	MP3C	X	-.654	-.654	0	%100
128	MP3C	Z	-.378	-.378	0	%100
129	MP3B	X	-.654	-.654	0	%100
130	MP3B	Z	-.378	-.378	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	-.333	-.333	0	%100
2	M20	Z	-.576	-.576	0	%100
3	M32	X	-.333	-.333	0	%100
4	M32	Z	-.576	-.576	0	%100
5	M33A	X	0	0	0	%100
6	M33A	Z	0	0	0	%100
7	MP1A	X	-.312	-.312	0	%100
8	MP1A	Z	-.54	-.54	0	%100
9	MP3A	X	-.378	-.378	0	%100
10	MP3A	Z	-.654	-.654	0	%100
11	MP4A	X	-.312	-.312	0	%100
12	MP4A	Z	-.54	-.54	0	%100
13	M72A	X	-.468	-.468	0	%100
14	M72A	Z	-.81	-.81	0	%100
15	M73	X	0	0	0	%100
16	M73	Z	0	0	0	%100
17	M74	X	0	0	0	%100
18	M74	Z	0	0	0	%100
19	M75	X	0	0	0	%100
20	M75	Z	0	0	0	%100
21	M78	X	-.322	-.322	0	%100
22	M78	Z	-.557	-.557	0	%100
23	M79	X	-.322	-.322	0	%100
24	M79	Z	-.558	-.558	0	%100
25	M84	X	-.793	-.793	0	%100
26	M84	Z	-1.374	-1.374	0	%100
27	M85	X	-.602	-.602	0	%100
28	M85	Z	-1.043	-1.043	0	%100
29	M87A	X	-.624	-.624	0	%100
30	M87A	Z	-1.081	-1.081	0	%100
31	M89A	X	-.793	-.793	0	%100
32	M89A	Z	-1.374	-1.374	0	%100
33	M90A	X	-.602	-.602	0	%100
34	M90A	Z	-1.043	-1.043	0	%100
35	M92	X	-.624	-.624	0	%100
36	M92	Z	-1.081	-1.081	0	%100
37	M50A	X	-.117	-.117	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	M50A	Z	-.202	-.202	0	%100
39	M51A	X	-.366	-.366	0	%100
40	M51A	Z	-.635	-.635	0	%100
41	M52	X	-.366	-.366	0	%100
42	M52	Z	-.635	-.635	0	%100
43	M53A	X	-.591	-.591	0	%100
44	M53A	Z	-1.024	-1.024	0	%100
45	M56	X	-.322	-.322	0	%100
46	M56	Z	-.557	-.557	0	%100
47	M57	X	0	0	0	%100
48	M57	Z	0	0	0	%100
49	M62	X	-.198	-.198	0	%100
50	M62	Z	-.343	-.343	0	%100
51	M63	X	0	0	0	%100
52	M63	Z	0	0	0	%100
53	M65	X	0	0	0	%100
54	M65	Z	0	0	0	%100
55	M67	X	-.198	-.198	0	%100
56	M67	Z	-.343	-.343	0	%100
57	M68	X	-.602	-.602	0	%100
58	M68	Z	-1.043	-1.043	0	%100
59	M70	X	-.624	-.624	0	%100
60	M70	Z	-1.081	-1.081	0	%100
61	M72	X	-.117	-.117	0	%100
62	M72	Z	-.202	-.202	0	%100
63	M73A	X	-.366	-.366	0	%100
64	M73A	Z	-.635	-.635	0	%100
65	M74A	X	-.366	-.366	0	%100
66	M74A	Z	-.635	-.635	0	%100
67	M75A	X	-.591	-.591	0	%100
68	M75A	Z	-1.024	-1.024	0	%100
69	M78A	X	0	0	0	%100
70	M78A	Z	0	0	0	%100
71	M79A	X	-.322	-.322	0	%100
72	M79A	Z	-.558	-.558	0	%100
73	M84A	X	-.198	-.198	0	%100
74	M84A	Z	-.343	-.343	0	%100
75	M85A	X	-.602	-.602	0	%100
76	M85A	Z	-1.043	-1.043	0	%100
77	M87	X	-.624	-.624	0	%100
78	M87	Z	-1.081	-1.081	0	%100
79	M89	X	-.198	-.198	0	%100
80	M89	Z	-.343	-.343	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	0	0	0	%100
83	M92A	X	0	0	0	%100
84	M92A	Z	0	0	0	%100
85	MP2A	X	-.312	-.312	0	%100
86	MP2A	Z	-.54	-.54	0	%100
87	MP1C	X	-.312	-.312	0	%100
88	MP1C	Z	-.54	-.54	0	%100
89	MP4C	X	-.312	-.312	0	%100
90	MP4C	Z	-.54	-.54	0	%100
91	MP2C	X	-.312	-.312	0	%100
92	MP2C	Z	-.54	-.54	0	%100
93	MP1B	X	-.312	-.312	0	%100
94	MP1B	Z	-.54	-.54	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
95	MP4B	X	-.312	-.312	0	%100
96	MP4B	Z	-.54	-.54	0	%100
97	MP2B	X	-.312	-.312	0	%100
98	MP2B	Z	-.54	-.54	0	%100
99	M94	X	-.381	-.381	0	%100
100	M94	Z	-.659	-.659	0	%100
101	M95	X	-.095	-.095	0	%100
102	M95	Z	-.165	-.165	0	%100
103	M96	X	-.095	-.095	0	%100
104	M96	Z	-.165	-.165	0	%100
105	M98	X	-.255	-.255	0	%100
106	M98	Z	-.442	-.442	0	%100
107	M100	X	-.255	-.255	0	%100
108	M100	Z	-.442	-.442	0	%100
109	M101	X	-.283	-.283	0	%100
110	M101	Z	-.491	-.491	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M115	X	-.283	-.283	0	%100
114	M115	Z	-.491	-.491	0	%100
115	M122	X	0	0	0	%100
116	M122	Z	0	0	0	%100
117	M123	X	-.372	-.372	0	%100
118	M123	Z	-.644	-.644	0	%100
119	M124	X	-.372	-.372	0	%100
120	M124	Z	-.644	-.644	0	%100
121	M125	X	-.463	-.463	0	%100
122	M125	Z	-.802	-.802	0	%100
123	M126	X	-.631	-.631	0	%100
124	M126	Z	-1.093	-1.093	0	%100
125	M127	X	-.463	-.463	0	%100
126	M127	Z	-.802	-.802	0	%100
127	MP3C	X	-.378	-.378	0	%100
128	MP3C	Z	-.654	-.654	0	%100
129	MP3B	X	-.378	-.378	0	%100
130	MP3B	Z	-.654	-.654	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M78	Y	-2.265	-4.366	0	.793
2	M78	Y	-4.366	-5.786	.793	1.586
3	M78	Y	-5.786	-7.472	1.586	2.379
4	M78	Y	-7.472	-7.187	2.379	3.172
5	M78	Y	-7.187	-3.985	3.172	3.965
6	M79	Y	-4.006	-7.272	0	.793
7	M79	Y	-7.272	-7.633	.793	1.587
8	M79	Y	-7.633	-6.127	1.587	2.38
9	M79	Y	-6.127	-4.622	2.38	3.173
10	M79	Y	-4.622	-2.077	3.173	3.967
11	M78A	Y	-2.265	-4.366	0	.793
12	M78A	Y	-4.366	-5.786	.793	1.586
13	M78A	Y	-5.786	-7.472	1.586	2.379
14	M78A	Y	-7.472	-7.187	2.379	3.172
15	M78A	Y	-7.187	-3.985	3.172	3.965
16	M79A	Y	-4.006	-7.272	0	.793
17	M79A	Y	-7.272	-7.633	.793	1.587

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M79A	Y	-7.633	-6.127	1.587	2.38
19	M79A	Y	-6.127	-4.622	2.38	3.173
20	M79A	Y	-4.622	-2.077	3.173	3.967
21	M56	Y	-2.265	-4.366	0	.793
22	M56	Y	-4.366	-5.786	.793	1.586
23	M56	Y	-5.786	-7.472	1.586	2.379
24	M56	Y	-7.472	-7.187	2.379	3.172
25	M56	Y	-7.187	-3.985	3.172	3.965
26	M57	Y	-4.006	-7.272	0	.793
27	M57	Y	-7.272	-7.633	.793	1.587
28	M57	Y	-7.633	-6.127	1.587	2.38
29	M57	Y	-6.127	-4.622	2.38	3.173
30	M57	Y	-4.622	-2.077	3.173	3.967

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M78	Y	-4.892	-9.432	0	.793
2	M78	Y	-9.432	-12.498	.793	1.586
3	M78	Y	-12.498	-16.139	1.586	2.379
4	M78	Y	-16.139	-15.524	2.379	3.172
5	M78	Y	-15.524	-8.608	3.172	3.965
6	M79	Y	-8.652	-15.707	0	.793
7	M79	Y	-15.707	-16.486	.793	1.587
8	M79	Y	-16.486	-13.235	1.587	2.38
9	M79	Y	-13.235	-9.983	2.38	3.173
10	M79	Y	-9.983	-4.487	3.173	3.967
11	M78A	Y	-4.983	-9.606	0	.793
12	M78A	Y	-9.606	-12.73	.793	1.586
13	M78A	Y	-12.73	-16.437	1.586	2.379
14	M78A	Y	-16.437	-15.812	2.379	3.172
15	M78A	Y	-15.812	-8.767	3.172	3.965
16	M79A	Y	-8.813	-15.998	0	.793
17	M79A	Y	-15.998	-16.792	.793	1.587
18	M79A	Y	-16.792	-13.48	1.587	2.38
19	M79A	Y	-13.48	-10.168	2.38	3.173
20	M79A	Y	-10.168	-4.57	3.173	3.967
21	M56	Y	-4.983	-9.606	0	.793
22	M56	Y	-9.606	-12.73	.793	1.586
23	M56	Y	-12.73	-16.437	1.586	2.379
24	M56	Y	-16.437	-15.812	2.379	3.172
25	M56	Y	-15.812	-8.767	3.172	3.965
26	M57	Y	-8.813	-15.998	0	.793
27	M57	Y	-15.998	-16.792	.793	1.587
28	M57	Y	-16.792	-13.48	1.587	2.38
29	M57	Y	-13.48	-10.168	2.38	3.173
30	M57	Y	-10.168	-4.57	3.173	3.967

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N122	N121	N116A	N117	Y	Two Way	-.005
2	N117A	N121A	N120	N116	Y	Two Way	-.005
3	N88A	N89A	N93	N92A	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N122	N121	N116A	N117	Y	Two Way	-.011
2	N117A	N121A	N120	N116	Y	Two Way	-.011
3	N88A	N89A	N93	N92A	Y	Two Way	-.011

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	N112A	max	4717.638	9	240.313	3	1365.615	2	.09	10	3.035	12	.414	50
2		min	-2001.943	3	-349.198	9	-2932.183	8	-.46	40	-3.042	6	-.125	2
3	N84A	max	2039.25	11	160.974	11	1064.014	11	.364	5	2.863	8	.167	10
4		min	-4754.999	5	-453.783	29	-2630.846	5	-.223	47	-2.87	2	-.667	28
5	N112	max	1452.777	10	245.595	7	5501.299	1	.092	6	3.057	4	.082	6
6		min	-1449.953	4	-353.531	1	-2370.432	7	-.311	12	-3.063	10	-.171	12
7	N190	max	53.902	10	2732.336	13	-295.372	7	0	51	0	4	0	10
8		min	-54.102	4	228.979	7	-3389.492	13	0	1	0	10	0	4
9	N192	max	-253.506	3	2739.636	21	1699.415	21	0	6	0	12	0	12
10		min	-2943.393	21	226.898	3	146.378	3	0	12	0	6	0	6
11	N194	max	2948.372	17	2744.142	17	1702.233	17	0	8	0	8	0	8
12		min	250.561	11	224.199	11	144.628	11	0	2	0	2	0	2
13	Totals:	max	6029.308	10	7105.385	19	5916.119	1						
14		min	-6029.308	4	3375.099	1	-5916.118	7						

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

	Member	Shape	Code Check	Loc[...	LC	Shear Check	Loc[ft]	Dir	LC	phi*Pnc...	phi*Pnt ...	phi*Mn ...	phi*Mn ...	Cb	Eqn
1	M20	PIPE_3.0	.159	8.156	6	.096	10.422		5	21266.0...	65205	5.749	5.749	1...	H1-1b
2	M32	PIPE_3.0	.168	8.307	47	.095	10.422		1	21266.0...	65205	5.749	5.749	2...	H1-1b
3	M33A	PIPE_3.0	.160	8.156	10	.096	10.422		4	21266.0...	65205	5.749	5.749	1...	H1-1b
4	MP1A	PIPE_2.0	.250	3.875	4	.145	.938		2	20866.7...	32130	1.872	1.872	2...	H1-1b
5	MP3A	PIPE_2.5	.315	4.885	10	.105	4.885		10	33961.6...	50715	3.596	3.596	3...	H1-1b
6	MP4A	PIPE_2.0	.380	3.875	10	.137	.938		1	20866.7...	32130	1.872	1.872	2...	H1-1b
7	M72A	HSS4X4X4	.165	2.984	8	.053	0	z	12	124544...	139518	16.181	16.181	1...	H1-1b
8	M73	L3X3X4	.510	2.406	21	.262	.251	z	4	41039.8...	46656	1.688	3.756	1...	H2-1
9	M74	L3X3X4	.538	0	22	.288	2.156	z	2	41039.8...	46656	1.688	3.756	1...	H2-1
10	M75	PL1/2x6	.411	.547	3	.284	.228	y	8	62895.0...	97200	1.012	12.15	1...	H1-1b
11	M78	L2x2x4	.311	3.965	10	.029	0	y	15	13799.3...	30585.6	.691	1.487	1.2	H2-1
12	M79	L2x2x4	.325	0	8	.028	3.967	y	14	13791.7...	30585.6	.691	1.485	1...	H2-1
13	M84	PL1/2x6	.249	0	12	.090	0	y	14	95964.4...	97200	1.012	12.15	1...	H1-1b
14	M85	PL1/2x6	.128	0	12	.026	0	y	45	96222.4...	97200	1.012	12.15	1...	H1-1b
15	M87A	PL1/2x6	.086	.125	9	.151	0	y	50	96648.9...	97200	1.012	12.15	1...	H1-1b
16	M89A	PL1/2x6	.228	0	6	.089	0	y	15	95964.4...	97200	1.012	12.15	1...	H1-1b
17	M90A	PL1/2x6	.115	0	6	.024	0	y	22	96222.4...	97200	1.012	12.15	1...	H1-1b
18	M92	PL1/2x6	.086	.125	9	.133	0	y	8	96648.9...	97200	1.012	12.15	1...	H1-1b
19	M50A	HSS4X4X4	.168	2.984	4	.065	3.038	y	27	124544...	139518	16.181	16.181	1...	H1-1b
20	M51A	L3X3X4	.514	2.406	17	.265	.251	z	11	41039.8...	46656	1.688	3.756	1...	H2-1
21	M52	L3X3X4	.537	0	18	.297	2.156	z	10	41039.8...	46656	1.688	3.756	1...	H2-1
22	M53A	PL1/2x6	.417	.547	11	.291	.228	y	4	62895.0...	97200	1.012	12.15	1...	H1-1b
23	M56	L2x2x4	.315	3.965	5	.030	0	y	23	13799.3...	30585.6	.691	1.475	1...	H2-1
24	M57	L2x2x4	.336	0	4	.028	3.967	y	22	13791.7...	30585.6	.691	1.485	1...	H2-1
25	M62	PL1/2x6	.237	0	8	.090	0	y	22	95964.4...	97200	1.012	12.15	1...	H1-1b
26	M63	PL1/2x6	.122	0	8	.026	0	y	17	96222.4...	97200	1.012	12.15	1...	H1-1b
27	M65	PL1/2x6	.087	.125	5	.153	0	y	18	96648.9...	97200	1.012	12.15	1...	H1-1b
28	M67	PL1/2x6	.225	0	2	.090	0	y	23	95964.4...	97200	1.012	12.15	1...	H1-1b
29	M68	PL1/2x6	.114	0	2	.025	0	y	18	96222.4...	97200	1.012	12.15	1...	H1-1b
30	M70	PL1/2x6	.087	.125	5	.211	0	y	28	96648.9...	97200	1.012	12.15	1...	H1-1b
31	M72	HSS4X4X4	.166	2.984	12	.054	0	z	4	124544...	139518	16.181	16.181	1...	H1-1b

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

	Member	Shape	Code Check	Loc[...	LC	Shear Check	Loc[ft]	Dir	LC	phi*Pnc...	phi*Pnt ...	phi*Mn ...	phi*Mn ...	Cb	Eqn
32	M73A	L3X3X4	.509	2.406	13	.256	.251	z	7	41039.8...	46656	1.688	3.756	1...	H2-1
33	M74A	L3X3X4	.537	0	14	.291	2.156	z	6	41039.8...	46656	1.688	3.756	1...	H2-1
34	M75A	PL1/2x6	.409	.547	6	.286	.228	y	12	62895.0...	97200	1.012	12.15	1...	H1-1b
35	M78A	L2x2x4	.303	3.965	1	.029	0	y	19	13799.3...	30585.6	.691	1.475	1...	H2-1
36	M79A	L2x2x4	.329	0	12	.028	3.967	y	18	13791.7...	30585.6	.691	1.485	1...	H2-1
37	M84A	PL1/2x6	.252	0	4	.090	0	y	18	95964.4...	97200	1.012	12.15	1...	H1-1b
38	M85A	PL1/2x6	.129	0	4	.026	0	y	13	96222.4...	97200	1.012	12.15	1...	H1-1b
39	M87	PL1/2x6	.085	.125	1	.151	0	y	14	96648.9...	97200	1.012	12.15	1...	H1-1b
40	M89	PL1/2x6	.232	0	10	.089	0	y	19	95964.4...	97200	1.012	12.15	1...	H1-1b
41	M90	PL1/2x6	.117	0	10	.024	0	y	15	96222.4...	97200	1.012	12.15	1...	H1-1b
42	M92A	PL1/2x6	.084	.125	1	.135	0	y	12	96648.9...	97200	1.012	12.15	1...	H1-1b
43	MP2A	PIPE_2.0	.344	3.875	4	.116	3.875		2	20866.7...	32130	1.872	1.872	2...	H1-1b
44	MP1C	PIPE_2.0	.252	3.875	11	.146	.938		10	20866.7...	32130	1.872	1.872	2...	H1-1b
45	MP4C	PIPE_2.0	.376	3.875	6	.134	.938		9	20866.7...	32130	1.872	1.872	2...	H1-1b
46	MP2C	PIPE_2.0	.340	3.875	12	.119	3.875		10	20866.7...	32130	1.872	1.872	2...	H1-1b
47	MP1B	PIPE_2.0	.244	3.875	8	.147	.938		6	20866.7...	32130	1.872	1.872	2...	H1-1b
48	MP4B	PIPE_2.0	.371	3.875	2	.139	.938		5	20866.7...	32130	1.872	1.872	2...	H1-1b
49	MP2B	PIPE_2.0	.334	3.875	8	.117	3.875		6	20866.7...	32130	1.872	1.872	2...	H1-1b
50	M94	HSS4X4X4	.205	1.417	6	.058	.708	z	12	138351....	139518	16.181	16.181	1...	H1-1b
51	M95	HSS4X4X4	.206	1.417	10	.057	.708	z	4	138351....	139518	16.181	16.181	1...	H1-1b
52	M96	HSS4X4X4	.196	1.417	2	.051	1.417	z	8	138351....	139518	16.181	16.181	1...	H1-1b
53	M98	PIPE_2.0	.140	2.5	7	.018	2.5		7	28843.4...	32130	1.872	1.872	1	H1-1b
54	M100	PIPE_2.0	.140	2.5	5	.018	2.5		5	28843.4...	32130	1.872	1.872	1...	H1-1b
55	M101	PIPE_2.5	.205	2.115	10	.121	12.536		8	10819.5...	50715	3.596	3.596	2...	H1-1b
56	M108	PIPE_2.5	.198	2.115	6	.125	12.536		4	10819.5...	50715	3.596	3.596	2...	H1-1b
57	M115	PIPE_2.5	.195	2.115	2	.123	12.536		12	10819.5...	50715	3.596	3.596	2...	H1-1b
58	M122	L3X3X4	.454	2.565	1	.037	0	y	6	40327.11	46656	1.688	3.756	2...	H2-1
59	M123	L3X3X4	.458	2.565	5	.038	.053	y	10	40327.11	46656	1.688	3.756	2...	H2-1
60	M124	L3X3X4	.454	2.565	9	.036	.08	y	2	40327.11	46656	1.688	3.756	2...	H2-1
61	M125	LL3x3x3x3	.092	5.654	13	.005	0	z	4	47396.4...	70632	5.543	3.751	1	H1-1b*
62	M126	LL3x3x3x3	.092	5.654	21	.005	0	z	12	47396.4...	70632	5.543	3.751	1	H1-1b*
63	M127	LL3x3x3x3	.092	5.654	17	.005	0	z	8	47396.4...	70632	5.543	3.751	1	H1-1b*
64	MP3C	PIPE_2.5	.312	4.885	6	.103	4.885		6	33961.6...	50715	3.596	3.596	3...	H1-1b
65	MP3B	PIPE_2.5	.306	4.885	2	.101	4.885		1	33961.6...	50715	3.596	3.596	3...	H1-1b

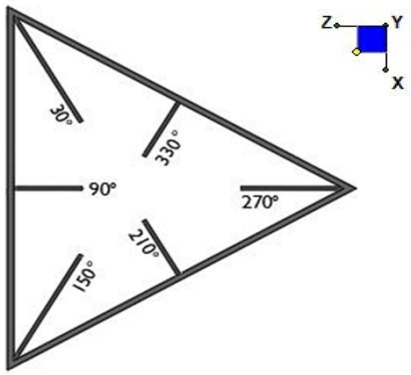
Client:	Verizon Wireless	Date:	8/18/2021
Site Name:	Thompson 2		
Project No.	20777388A		
Title:	Antenna Mount Fix	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

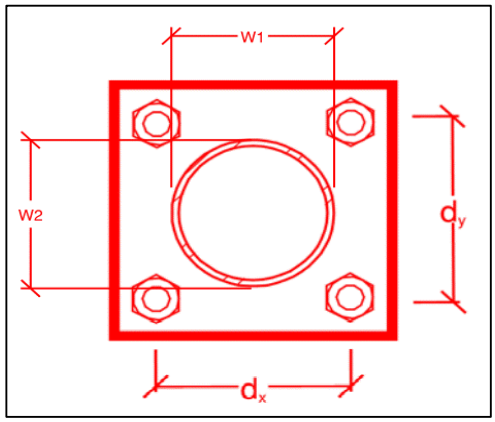
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N112	270
N84A	150
N112A	30



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)* :	6.5
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	6.5
Bolt Type:	A307
Bolt Diameter (in):	0.625
Required Tensile Strength (kips):	12.1
Required Shear Strength (kips):	2.7
Tensile Strength / bolt (kips):	10.0
Shear Strength / bolt (kips):	6.0
Tensile Capacity Overall:	**30.1%***
Shear Capacity Overall:	**11.1%**



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

Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:	Rect
Plate Width (in):	10
Plate Height (in):	10
W1 (in):	4
W2 (in):	4
Fy (ksi, plate):	36
t_{Plate} (in):	0.5
Weld Size (1/16 in):	3
Phi*Rn (kip/in):	4.18
Required Weld Strength (kip/in):	1.68
Plate Bending Capacity:	**40.8%**
Weld Capacity:	**40.3%**

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	1.2
Phi*Mn_{xx} *(kip-in)* :	20.3
Mu_{yy} *(kip-in)* :	7.1
Phi*Mn_{yy} *(kip-in)* :	20.3

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Mount Modification

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

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

Base Requirements:

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

Photo Requirements:

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

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

Material Certification:

- Materials utilized must be as per specification on the drawings or the equivalent as validated by Maser Consulting Connecticut.

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

- The contractor must certify that the materials meet these specifications by one of these methods.

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

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

Certifying Individual: Company _____

Name _____

Signature _____

Antenna & equipment placement and Geometry Confirmation:

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

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

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

Certifying Individual: Company _____

Name _____

Signature _____

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

Issue:

Contractor shall install new safety climb wire clip standoff (Site Pro 1 Part #: 120-123/317 or EOR approved equivalent) on the existing and proposed collar threaded rods.

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: 467898-VZW - Thompson 2

Sector: **A**

Structure Type: Monopole

Mount Elev: 135.00

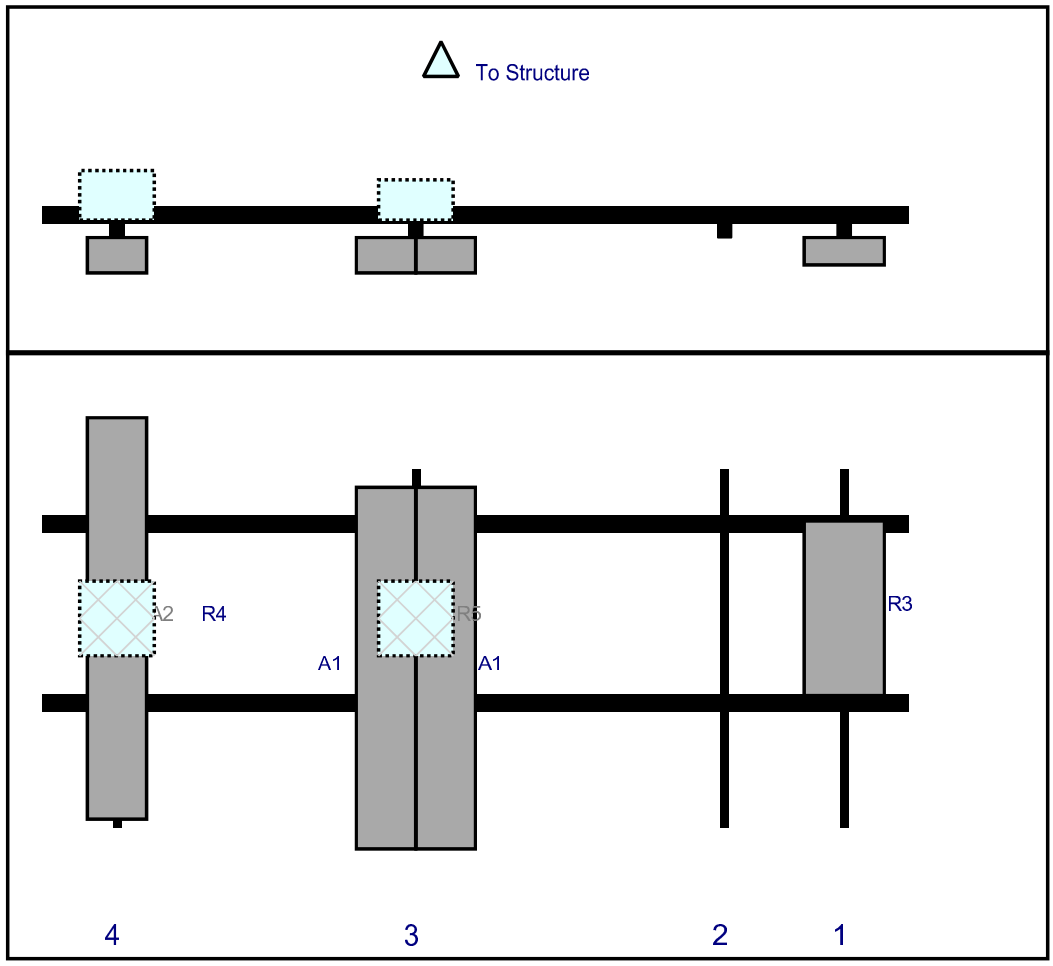
10096390

8/20/2021

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
R3	MT6407-77A	35.1	16.1	161	1	a	Front	27.96	0	Added	
A1	SBNHH-1D65B	72.6	11.9	75	3	a	Front	39.96	6	Retained	12/07/2020
A1	SBNHH-1D65B	72.6	11.9	75	3	b	Front	39.96	-6	Retained	12/07/2020
R5	B5/B13 RRH-BR04C	15	15	75	3	a	Behind	30	0	Added	
A2	LNX-6514DS-A1M	80.6	11.9	15	4	a	Front	30	0	Added	
R4	B2/B66A RRH-BR049	15	15	15	4	a	Behind	30	0	Added	

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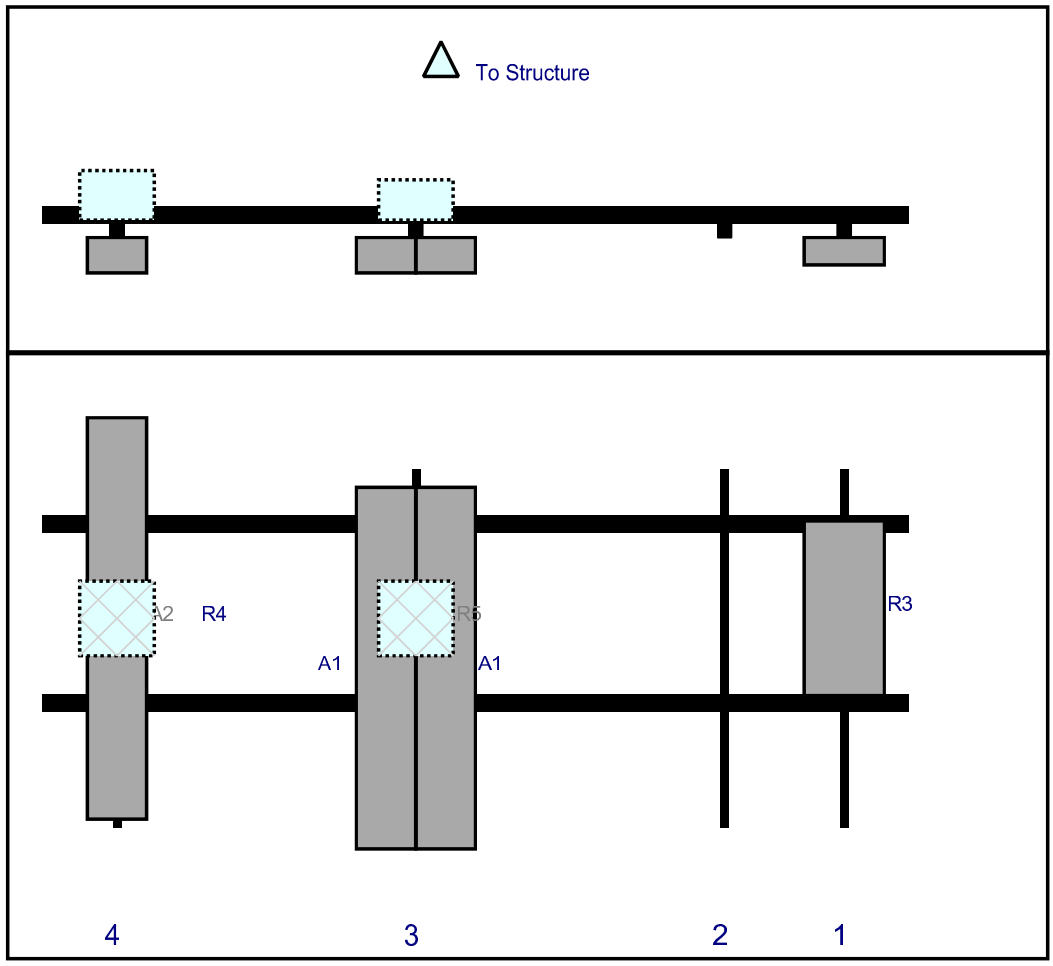
Plan View

Front View
Looking at Structure



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R5	B5/B13 RRH-BR04C	15	15	75	3	a	Behind	30	0	Added	
A2	LNX-6514DS-A1M	80.6	11.9	15	4	a	Front	30	0	Added	
R4	B2/B66A RRH-BR049	15	15	15	4	a	Behind	30	0	Added	

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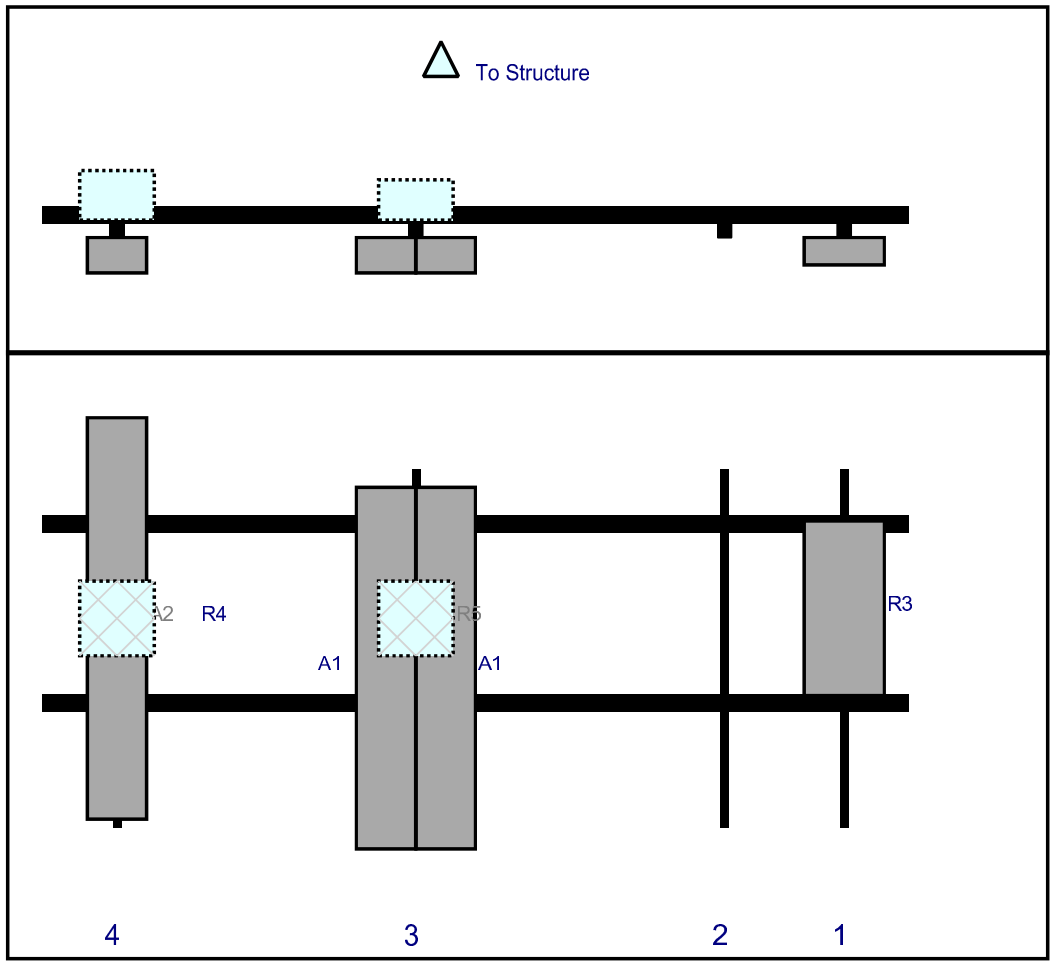
Plan View

Front View
Looking at Structure



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A2	LNX-6514DS-A1M	80.6	11.9	15	4	a	Front	30	0	Added	
R4	B2/B66A RRH-BR049	15	15	15	4	a	Behind	30	0	Added	

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Maser Consulting Connecticut

MASER CONSULTING — CONNECTICUT —

Subject		TIA-222-H Usage
Site Information	Site ID:	467898-VZW / Thompson 2
	Site Name:	Thompson 2
	Carrier Name:	Verizon Wireless
	Address:	347 Riverside Drive North Grosvenordale, Connecticut 06255 Windham County
	Latitude:	41.953194°
	Longitude:	-71.883611°
Structure Information	Tower Type:	140-Ft Monopole
	Mount Type:	14.50-Ft Platform

To Whom It May Concern,

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

The 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 map 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 method, seismic analysis, 30-degree increment wind direction and maintenance loading. Therefore, it is our opinion that TIA-222-H is the most appropriate standard for antenna mount structural analysis and is acceptable for use at this site to ensure the engineer is taking into account the most current engineering standard available.

Sincerely,

Dejian Xu

Dejian Xu, PE
Technical Manager

verizon

MOUNT MODIFICATION DRAWINGS
EXISTING 14.50' PLATFORM

TOWER OWNER: N/A
TOWER OWNER SITE NUMBER: N/A

CARRIER SITE NAME: THOMPSON 2
CARRIER SITE NUMBER: 467898
FUZE ID: 16244733

347 RIVERSIDE DRIVE
NORTH GROSVENORDALE, CONNECTICUT 06255
WINDHAM COUNTY

LATITUDE: 41.953194° N
LONGITUDE: 71.883611° W

DESIGN CRITERIA

WIND LOADS

BASIC WIND SPEED (3 SECOND GUST), V = 120 MPH
EXPOSURE CATEGORY C
TOPOGRAPHIC CATEGORY 1
MEAN BASE ELEVATION (AMSL) = 379.83'

ICE LOADS

ICE WIND SPEED (3 SECOND GUST), V = 50 MPH
ICE THICKNESS = 1.00 IN

SEISMIC LOADS

SEISMIC DESIGN CATEGORY B
SHORT TERM MCER GROUND MOTION, S_s = .184
LONG TERM MCER GROUND MOTION, S_1 = .055

PROJECT INFORMATION

APPLICANT/LESSEE

COMPANY: VERIZON WIRELESS

CLIENT REPRESENTATIVE

COMPANY: VERIZON WIRELESS
ADDRESS: 118 FLANDERS ROAD, THIRD FLOOR
CITY, STATE, ZIP: WESTBOROUGH, MA 01581
CONTACT: ANDREW CANDIELLO
EMAIL: ANDREW.CANDIELLO@VERIZONWIRELESS.COM

PROJECT MANAGER

COMPANY: MASER CONSULTING CONNECTICUT
CONTACT: GREG DULNIK
PHONE: (615) 686-2575
E-MAIL: GREG.DULNIK@COLLIERSENGINEERING.COM

CONTRACTOR PMI REQUIREMENTS

PMI LOCATION: HTTPS://PMI.VZWSMART.COM
SMART TOOL PROJECT #: 10097505
VZW LOCATION CODE (PSLC): 467898
ANALYSIS DATE: 8/20/2021

PMI REQUIREMENTS EMBEDDED WITHIN MOUNT MODIFICATION REPORT

SHEET INDEX

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SCALE:	JOB NUMBER:
AS SHOWN	20777388A

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
0	8/20/2021	ISSUED FOR CONSTRUCTION	NL	DX

STATE OF CONNECTICUT
DEJIAN XU
No. 33733
LICENSED PROFESSIONAL ENGINEER
08/20/2021

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

SITE NAME:

THOMPSON 2
467898

347 RIVERSIDE DRIVE
NORTH GROSVENORDALE,
CONNECTICUT 06255
WINDHAM COUNTY

MT. LAUREL OFFICE
2000 Midlantic Drive
Suite 100
Mount Laurel, NJ 08054
Phone: 856.797.0412
Fax: 856.722.1120

SHEET TITLE:
TITLE SHEET

SHEET NUMBER:
ST-1

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.

BILL OF MATERIALS

SECTION 1 - VZWSMART KITS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT (LBS.)	WEIGHT (LBS.)
1	VZWSMART	VZWSMART-PLK5	KICKER KIT	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1	291	291
1		VZWSMART-PLK7	MONOPOLE COLLAR MOUNT ASSEMBLY		150	150
3		VZWSMART-PLK3	SUPPORT RAIL CORNER BRACKET		30	90
12		VZWSMART-MSK1	CROSSOVER PLATE			

SECTION 2 - OTHER REQUIRED PARTS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT (LBS.)	WEIGHT (LBS.)
3	SITE PRO 1	SP219-H	CROSSOVER PLATE	OR EOR APPROVED EQUAL, CONTACT MASER CONSULTING FOR APPROVAL OF SUBSTITUTION	13	39
3	-	-	36" LONG, L3X3x1/4	GALVANIZED. CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1	15	45
3	-	-	174" LONG, P2 1/2 STD	GALVANIZED	84	252
3	-	-	84" LONG, P2 1/2 STD	GALVANIZED	41	123
					TOTAL:	990

VZWSMART KITS - APPROVED VENDORS

COMMSCOPE	
CONTACT	SALVADOR ANGUIANO
PHONE	(817) 304-7492
EMAIL	SALVADOR.ANGUIANO@COMMSCOPE.COM
WEBSITE	WWW.COMMSCOPE.COM
METROSITE FABRICATORS, LLC	
CONTACT	KENT RAMEY
PHONE	(706) 335-7045 (O), (706) 982-9788 (M)
EMAIL	KENT@METROSITELLC.COM
WEBSITE	METROSITEFABRICATORS.COM
PERFECTVISION	
CONTACT	WIRELESS SALES
PHONE	(844) 887-6723
EMAIL	WWW.PERFECT-VISION.COM
WEBSITE	WIRELESSSALES@PERFECT-VISION.COM
SABRE INDUSTRIES, INC.	
CONTACT	ANGIE WELCH
PHONE	(866) 428-6937
EMAIL	AKWELCH@SABREINDUSTRIES.COM
WEBSITE	WWW.SABRESITESOLUTIONS.COM
SITE PRO 1	
CONTACT	PAULA BOSWELL
PHONE	(972) 236-9843
EMAIL	PAULA.BOSWELL@VALMONT.COM
WEBSITE	WWW.SITEPRO1.COM

NOTES:

1. THE MANUFACTURERS LISTED ARE THE APPROVED VENDORS FOR THE VZW MOUNT KITS. EACH MANUFACTURER WILL BE AWARE OF WHICH KITS HAVE BEEN THROUGH THE VZW APPROVAL PROCESS AND THEY ARE IN TURN APPROVED TO SELL. PLEASE NOTE THAT THE MATERIAL UTILIZED ON THE MOUNT MODIFICATIONS WILL BE REVIEWED AS A PART OF THE DESKTOP PMI COMPLETED BY THE SMART TOOL VENDOR. IT WILL BE REQUIRED THAT THE VZW KITS SPECIFIED ARE UTILIZED IN THE MODIFICATIONS.
2. ALL MATERIALS REQUIRED FOR THE DESIGNED MODIFICATIONS BUT NOT LISTED IN THIS SHEET ARE ASSUMED TO BE PROVIDED BY THE CONTRACTOR.

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MASER CONSULTING CT C.O.A. # PC.0000131
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467898

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WINDHAM COUNTY

MT. LAUREL OFFICE
2000 Midlantic Drive
Suite 100
Mount Laurel, NJ 08054
Phone: 856.797.0412
Fax: 856.722.1120

SHEET TITLE:
BILL OF MATERIALS

SHEET NUMBER:
SBOM-1

PROJECT NOTES

1. SEE MODIFICATION NOTES
2. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, ORDINANCES, LAWS AND REGULATIONS OF ALL MUNICIPALITIES, UTILITY COMPANIES OR OTHER PUBLIC/GOVERNING AUTHORITIES.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS THAT MAY BE REQUIRED BY ANY FEDERAL, STATE, COUNTY OR MUNICIPAL AUTHORITIES.
4. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER, IN WRITING, OF ANY CONFLICTS, ERRORS OR OMISSIONS PRIOR TO THE SUBMISSION OF BIDS OR PERFORMANCE OF WORK.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING SITE IMPROVEMENTS PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL REPAIR ANY DAMAGE AS A RESULT OF CONSTRUCTION OF THIS FACILITY AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
6. THE SCOPE OF WORK FOR THIS PROJECT SHALL INCLUDE PROVIDING ALL MATERIALS, EQUIPMENT AND LABOR REQUIRED TO COMPLETE THIS PROJECT. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
7. THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO SUBMITTING THE BID TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND CONSTRUCTION DRAWINGS.
8. THE CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THESE DRAWINGS MUST BE VERIFIED. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
9. SINCE THE CELL SITE MAY BE ACTIVE, ALL SAFETY PRECAUTIONS MUST BE TAKEN WHEN WORKING AROUND HIGH LEVELS OF ELECTROMAGNETIC RADIATION. EQUIPMENT SHOULD BE SHUTDOWN PRIOR TO PERFORMING ANY WORK THAT COULD EXPOSE THE WORKERS TO DANGER. PERSONAL RF EXPOSURE MONITORS ARE REQUIRED TO BE WORN TO ALERT OF ANY POTENTIALLY DANGEROUS EXPOSURE LEVELS.
10. NO NOISE, SMOKE, DUST OR ODOR WILL RESULT FROM THIS FACILITY AS TO CAUSE A NUISANCE.
11. THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION (NO HANDICAP ACCESS IS REQUIRED).

GENERAL NOTES

1. THESE MODIFICATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE TELECOMMUNICATIONS INDUSTRY STANDARD TIA-222-H. MATERIALS AND SERVICES PROVIDED BY THE CONTRACTOR SHALL CONFORM TO THE ABOVE MENTIONED CODES.
2. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT DAMAGE TO EXISTING STRUCTURES. ANY DAMAGE TO EXISTING STRUCTURES AS A RESULT OF THE CONTRACTOR'S WORK OR FROM DAMAGE DUE TO OTHER CAUSES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS BEFORE BEGINNING WORK, ORDERING MATERIAL, AND PREPARING OF SHOP DRAWINGS. ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER. IF THE CONTRACTOR DISCOVERS ANY EXISTING CONDITIONS THAT ARE NOT REPRESENTED ON THESE DRAWINGS, OR ANY CONDITIONS THAT WOULD INTERFERE WITH THE INSTALLATION OF THE MODIFICATIONS, NOTIFY THE ENGINEER IMMEDIATELY.
4. IT IS ASSUMED THAT ANY STRUCTURAL MODIFICATION WORK SPECIFIED ON THESE PLANS WILL BE ACCOMPLISHED BY KNOWLEDGEABLE WORKMEN WITH TOWER CONSTRUCTION EXPERIENCE.
5. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION METHODS, MEANS, TECHNIQUES, SEQUENCES, AND PROCEDURES.
6. ALL CONSTRUCTION MEANS AND METHODS; INCLUDING BUT NOT LIMITED TO, ERECTION PLANS, RIGGING PLANS, CLIMBING PLANS, AND RESCUE PLANS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR RESPONSIBLE FOR THE EXECUTION OF THE WORK CONTAINED HEREIN AND SHALL MEET ANSI/TIA-322 (LATEST EDITION), OSHA, AND GENERAL INDUSTRY STANDARDS. ALL RIGGING PLANS SHALL ADHERE TO ANSI/TIA-322 (LATEST EDITION) INCLUDING THE REQUIRED INVOLVEMENT OF A QUALIFIED ENGINEER FOR CLASS IV CONSTRUCTION.
7. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PROGRAMS IN ACCORDANCE WITH APPLICABLE SAFETY CODES.
8. WORK SHALL ONLY BE PERFORMED DURING CALM DRY DAYS (WINDS LESS THAN 30-MPH). THE STRUCTURE SHOWN ON THE DRAWINGS IS STRUCTURALLY SOUND ONLY IN THE COMPLETED FORM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STRENGTH AND STABILITY OF THE STRUCTURE DURING ERECTION. CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORT, SHORING, BRACING AND ANY OTHER STRUCTURAL SYSTEMS AS REQUIRED TO RESIST ALL FORCES THAT MAY OCCUR DURING HANDLING AND ERECTION UNTIL THE STRUCTURE IS FULLY COMPLETED. TEMPORARY SUPPORTS, BRACING AND OTHER STRUCTURAL SYSTEMS REQUIRED DURING CONSTRUCTION SHALL REMAIN THE CONTRACTOR'S PROPERTY AFTER THEIR USE.
9. ALL INSTALLATIONS PERFORMED ON THIS STRUCTURE SHALL BE COMPLETED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE STANDARD FOR INSTALLATION, ALTERATION AND MAINTENANCE OF ANTENNA SUPPORTING STRUCTURES AND ANTENNAS, ANSI/TIA-322.
10. CONTRACTOR SHALL SECURE SITE BACK TO EXISTING CONDITION UNDER SUPERVISION OF OWNER. ALL FENCE, STONE, GEOFABRIC, GROUNDING, AND SURROUNDING GRADE SHALL BE REPLACED AND REPAIRED AS REQUIRED TO ACHIEVE OWNER APPROVAL. POSITIVE DRAINAGE AWAY FROM TOWER SITE SHALL BE MAINTAINED.
11. CONNECTIONS BETWEEN ITEMS SUPPORTED BY THE STRUCTURE AND THE STRUCTURE NOT SPECIFICALLY DETAILED IN THE CONTRACT DOCUMENTS ARE THE RESPONSIBILITY OF THE CONTRACTOR. SUCH CONNECTIONS SHALL BE DESIGNED, COORDINATED AND INSPECTED BY A PROFESSIONAL STRUCTURAL ENGINEER LICENSED IN THE STATE OF THE PROJECT. SUBMIT SIGNED AND SEALED CALCULATIONS DURING SHOP DRAWING REVIEW.
12. DO NOT SCALE DRAWINGS.
13. DO NOT USE THESE DRAWINGS FOR ANY OTHER SITE.
14. ALL MATERIAL UTILIZED FOR THIS PROJECT MUST BE NEW AND FREE OF ANY DEFECTS. ANY MATERIAL SUBSTITUTIONS, INCLUDING BUT NOT LIMITED TO ALTERED SIZE AND/OR STRENGTHS, MUST BE APPROVED BY THE OWNER AND ENGINEER IN WRITING.
15. THE MOUNT UNDER NO CIRCUMSTANCES SHOULD BE USED AS A TIE OFF POINT.

STRUCTURAL STEEL

1. DESIGN, DETAILING, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING PUBLICATIONS EXCEPT AS SPECIFICALLY INDICATED IN THE CONTRACT DOCUMENTS.
   a. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) MANUAL OF STEEL CONSTRUCTION (15TH EDITION)
   b. SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS
   c. AISC CODE OF STANDARD PRACTICE
2. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING UNLESS OTHERWISE SHOWN:

CHANNELS, ANGLES, PLATES, ETC.	ASTM A36 (GR 36)
STEEL PIPE	ASTM A53 (GR 35)
BOLTS	ASTM A325
NUTS	ASTM A563
LOCK WASHERS	LOCKING STRUCTURAL GRADE

3. ALL SUBSTITUTIONS PROPOSED BY THE CONTRACTOR SHALL BE APPROVED IN WRITING BY THE ENGINEER. CONTRACTOR SHALL PROVIDE DOCUMENTATION TO ENGINEER FOR VERIFYING THE SUBSTITUTE IS SUITABLE FOR USE AND MEETS ORIGINAL DESIGN CRITERIA. DIFFERENCES FROM THE ORIGINAL DESIGN, INCLUDING MAINTENANCE, REPAIR AND REPLACEMENT, SHALL BE NOTED. ESTIMATES OF COSTS/CREDITS ASSOCIATED WITH THE SUBSTITUTION (INCLUDING RE-DESIGN COSTS AND COSTS TO SUB-CONTRACTORS) SHALL BE PROVIDED TO THE ENGINEER. CONTRACTOR SHALL PROVIDE ADDITIONAL DOCUMENTATION AND/OR SPECIFICATIONS TO THE ENGINEER AS REQUESTED.
4. PROVIDE STRUCTURAL STEEL SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
   a. SUBMIT SHOP DRAWINGS TO
      GREG.DULNIK@COLLIERSENGINEERING.COM
   b. PROVIDE MASER CONSULTING PROJECT # AND MASER CONSULTING CONNECTICUT PROJECT ENGINEER CONTACT IN THE BODY OF THE EMAIL.
5. DRILL NO HOLES IN ANY NEW OR EXISTING STRUCTURAL STEEL MEMBERS OTHER THAN THOSE SHOWN ON STRUCTURAL DRAWINGS WITHOUT THE APPROVAL OF THE ENGINEER OF RECORD.
6. GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
7. ALL NEW STEEL SHALL BE HOT BE DIPPED GALVANIZED FOR FULL WEATHER PROTECTION. IN ADDITION ALL NEW STEEL SHALL BE PAINTED TO MATCH EXISTING STEEL. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROTECT STEEL BY ANY OTHER MEANS.
8. CONTRACTOR SHALL PROTECT CUT ENDS OF ALL FIELD-CUT STEEL WITH TWO (2) COATS OF COLD GALVANIZATION (ZINGA OR ZINC COTE).
9. ALL BOLT ASSEMBLIES FOR STRUCTURAL MEMBERS REPRESENTED IN THIS DRAWING REQUIRE LOCKING DEVICES TO BE INSTALLED IN ACCORDANCE WITH TIA-222-H SECTION 4.9.2 REQUIREMENTS.
10. WHERE CONNECTIONS ARE NOT FULLY DETAILED ON THESE DRAWINGS, FABRICATOR SHALL DESIGN CONNECTIONS TO RESIST LOADS AND FORCES WHERE SHOWN ON DRAWINGS AND AS OUTLINED IN SPECIFICATIONS.
11. FOR MEMBERS BEING REPLACED, PROVIDE NEW BOLTS AND MATCH EXISTING SIZE AND GRADE. MAINTAIN AISC REQUIREMENTS FOR MINIMUM BOLT DISTANCE AND SPACING.
12. ALL PROPOSED AND/OR REPLACED BOLTS SHALL BE OF SUFFICIENT LENGTH SUCH THAT THE END OF THE BOLT IS AT LEAST FLUSH WITH THE FACE OF THE NUT. IT IS NOT PERMITTED FOR THE BOLT END TO BE BELOW THE FACE OF THE NUT AFTER TIGHTENING IS COMPLETED.
13. GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
14. ALL EXISTING PAINTED/GALVANIZED SURFACES DAMAGED DURING REHAB INCLUDING AREAS UNDER STIFFENER PLATES SHALL BE WIRE BRUSHED CLEAN, REPAIRED BY COLD GALVANIZING (ZINGA OR ZINC COTE), AND REPAINTED TO MATCH THE EXISTING FINISH (IF APPLICABLE).
15. ALL HOLES IN STEEL MEMBERS SHALL BE SIZED 1/16" LARGER THAN THE BOLT DIAMETER. STANDARD HOLES SHALL BE USED UNLESS NOTED OTHERWISE.

WELDING NOTES

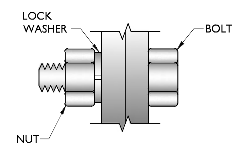
1. ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AWS D1.0 (LATEST EDITION). THIS SHALL INCLUDE A CERTIFIED WELD INSPECTION (CWI) FOR ACCEPTANCE OR REJECTION OF ALL WELDING OPERATIONS, PRE, DURING, AND POST INSTALLATION, USING THE ACCEPTANCE CRITERIA OF AWS D1.1.
2. CONTRACTOR IS RESPONSIBLE FOR COMMISSIONING A THIRD PARTY CERTIFIED WELD INSPECTOR (CWI) THROUGHOUT THE ENTIRETY OF THE PROJECT. A PASSING CWI REPORT SHALL BE PROVIDED TO THE ENGINEER UPON COMPLETION OF THE PROJECT.
3. THE CERTIFIED WELD INSPECTOR SHALL INDICATE, IN A WRITTEN CWI REPORT, THAT ALL WELDING OPERATIONS PRE, DURING, AND POST INSTALLATION WERE CONDUCTED IN ACCORDANCE WITH AWS D1.1 WITH PHOTOGRAPHS AND DOCUMENTATION SUPPORTING THE ACCEPTANCE OR REJECTION OF ALL WELDING. ALL CWI WELD INSPECTION DOCUMENTATION AND PHOTOS SHALL BE SUBMITTED DURING THE PMI.
4. IN CASES WHERE A WELD IS SPECIFIED BETWEEN TWO MEMBERS IN WHICH THERE IS A GAP IN BETWEEN, THE WELD IS TO BE BUILT-UP SUCH THAT THE SIZE OF WELD ON THE MEMBER IS EQUAL TO THAT SHOWN IN THE DRAWINGS.
5. OXY FUEL GAS WELDING OR BRAZING IS STRICTLY PROHIBITED. SPECIFICALLY, NO TORCH CUTTING IS PERMITTED ON SITE. ALL HOLES SHALL BE CUT WITH A GRINDER.
6. CONTRACTOR SHALL EXERCISE CAUTION WHEN WELDING A GALVANIZED SURFACE.

BOLT SCHEDULE (IN.)

BOLT DIAMETER	STANDARD HOLE	SHORT SLOT	MIN. EDGE DISTANCE	SPACING
1/2	9/16	9/16 x 11/16	7/8	1 1/2
5/8	11/16	11/16 x 7/8	1 1/8	1 7/8
3/4	13/16	13/16 x 1	1 1/4	2 1/4
7/8	15/16	15/16 x 1 1/8	1 1/2	2 5/8
1	1 1/16	1 1/16 x 1 5/16	1 3/4	3

WORKABLE GAGES (IN.)

LEG	GAGE
4	2 1/2
3 1/2	2
3	1 3/4
2 1/2	1 3/8
2	1 1/8

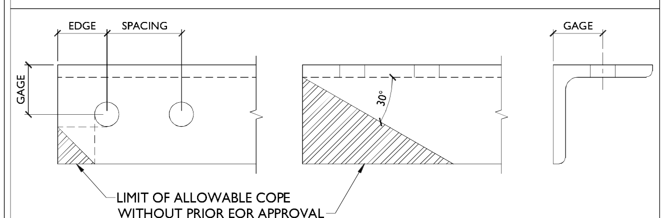


TYP. BOLT ASSEMBLY

NOTES:

1. ALL DIMENSIONS REPRESENTED IN THE ABOVE TABLES ARE AISC MINIMUM REQUIREMENTS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN FIELD AND NOTIFY ENGINEER IF DISTANCES ARE LESS THAN THOSE PROVIDED.
2. THE DIMENSIONS PROVIDED ARE MINIMUM REQUIREMENTS. ACTUAL DIMENSIONS OF PROPOSED MEMBERS WITHIN THESE DRAWINGS MAY VARY FROM THE AISC MINIMUM REQUIREMENTS.
3. SHORT SLOT HOLES SHALL ONLY BE USED WHEN DEPICTED IN THE DRAWINGS
4. MATCH EXISTING GAGES WHEN APPLICABLE, UNLESS MINIMUM EDGE DISTANCES ARE COMPROMISED.

ALLOWABLE COPING



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STATE OF CONNECTICUT DEJIAN XU No. 33733 LICENSED PROFESSIONAL ENGINEER
08/20/2021

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SITE NAME:

THOMPSON 2
467898

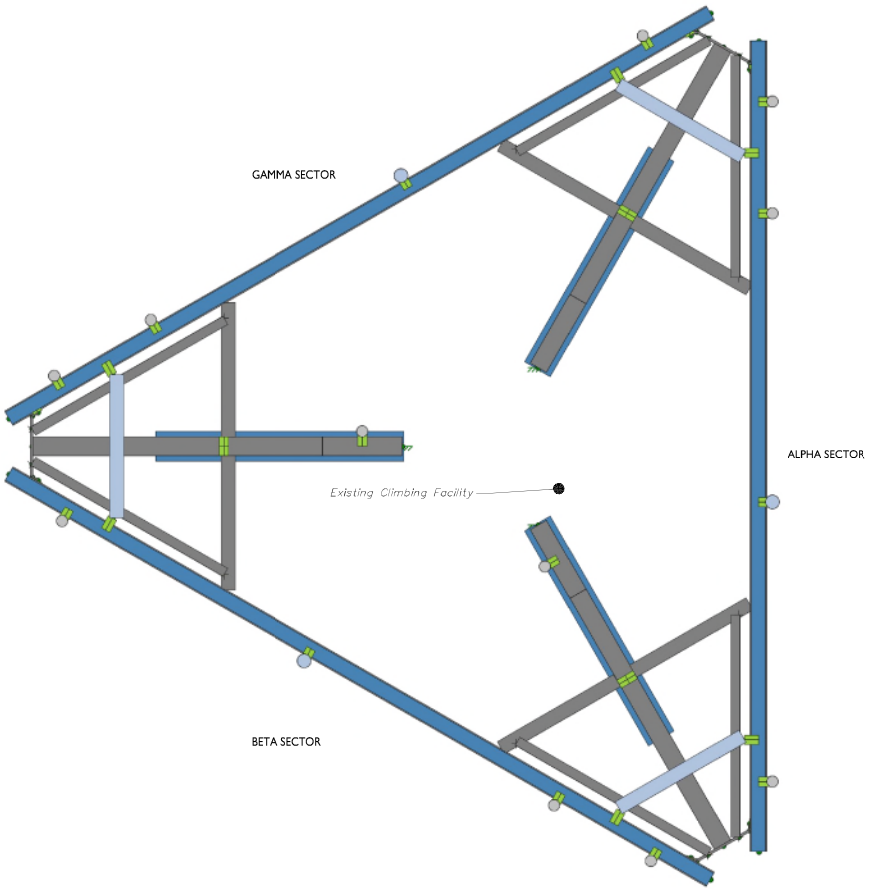
347 RIVERSIDE DRIVE
NORTH GROSVENORDALE, CONNECTICUT 06255
WINDHAM COUNTY

MT. LAUREL OFFICE
2000 Midlantic Drive
Suite 100
Mount Laurel, NJ 08054
Phone: 856.797.0412
Fax: 856.722.1120

SHEET TITLE:
MODIFICATION NOTES

SHEET NUMBER:
SGN-1

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.

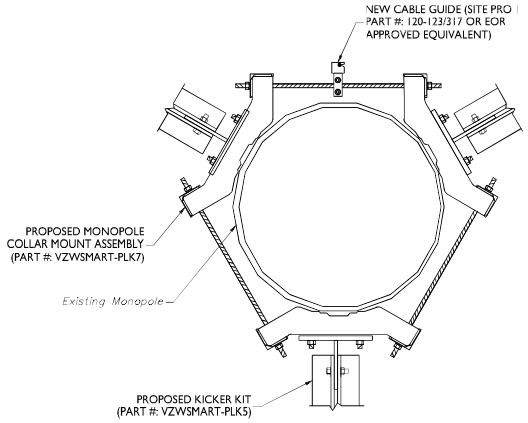


1 CLIMBING FACILITY LOCATION
SCALE : N.T.S.

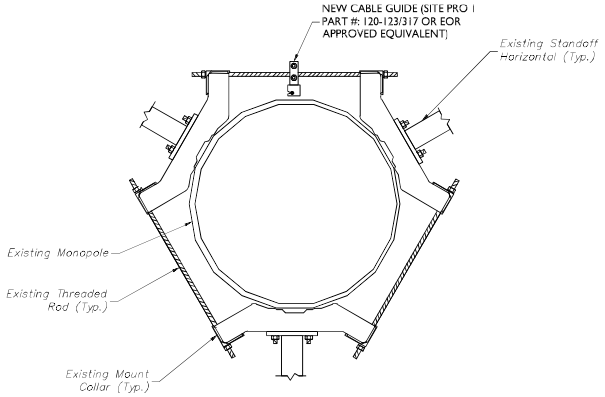
STRUCTURAL NOTES:

1. PER THE MOUNT MAPPING COMPLETED BY TOWER ENGINEERING PROFESSIONALS ON 12/7/2020, THE SAFETY CLIMB AND CLIMBING FACILITIES UP TO THE VERIZON MOUNT ELEVATION (135'-0") ARE IN GOOD CONDITION. MASER DOES NOT WARRANT THIS INFORMATION.

2. INSTALL SHALL NOT CAUSE HARM TO THE STRUCTURE, CLIMBING FACILITY, SAFETY CLIMB, OR ANY SYSTEM INSTALLED ON THE STRUCTURE. TIMELY NOTICE AND DOCUMENTATION SHALL BE PROVIDED BY CONTRACTORS TO THE EOR (OF STRUCTURAL DESIGN) IF AN OBSTRUCTION WAS REQUIRED TO MEET THE RF SYSTEM DESIGN REQUIREMENTS AND PERFORMANCES.



2 PROPOSED (KICKER) THREADED ROD ATTACHEMENT - PLAN VIEW
SCALE : N.T.S.



3 EXISTING STANDOFF THREADED ROD ATTACHMENT - PLAN VIEW
SCALE : N.T.S.

CLIMBING FACILITY PHOTO

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DEJIAN XU
No. 33733
LICENSED PROFESSIONAL ENGINEER
08/20/2021

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467898

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NORTH GROSVENORDALE,
CONNECTICUT 06255
WINDHAM COUNTY

MT. LAUREL OFFICE
2000 Midlantic Drive
Suite 100
Mount Laurel, NJ 08054
Phone: 856.797.0412
Fax: 856.722.1120

SHEET TITLE:
CLIMBING FACILITY DETAIL

SHEET NUMBER:
SCF-1

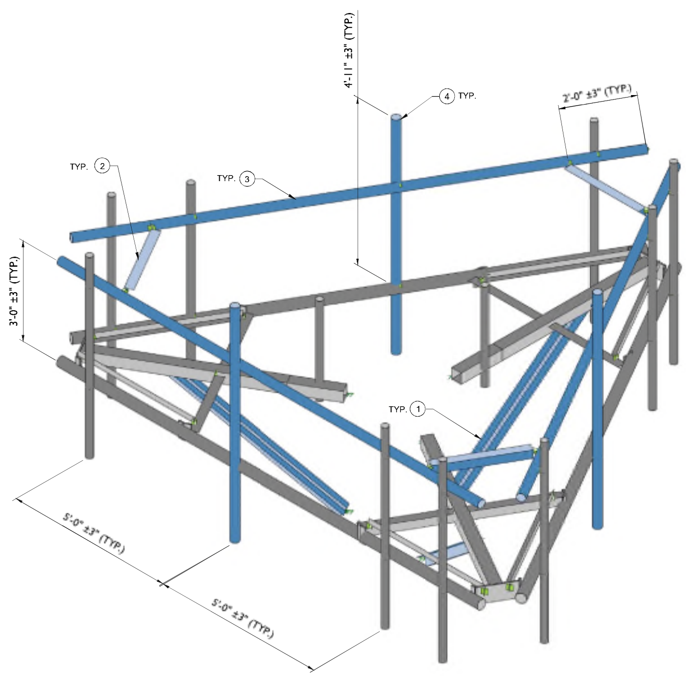
LEGEND:

- PROPOSED
- RELOCATED
- EXISTING

MOUNT MODIFICATION SCHEDULE				
NO.	ELEVATION	QUANTITY	DESCRIPTION	NOTES
1	135'-0"	1	PROPOSED KICKER KIT (PART #: VZWSMART-PLK5)	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1. CONNECT TO EXISTING MONOPOLE USING NEW COLLAR MOUNT (VZWSMART-PLK7).
2		3	PROPOSED SUPPORT RAIL CORNER BRACKET (PART #: VZWSMART-PLK3) WITH 36" LONG L3X3X1/4 ANGLES	GALVANIZED. CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1. CONTRACTOR SHALL CONNECT PROPOSED L3x3 ANGLES TO CORNER BRACKETS USING THE PROVIDED (8) 5/8" DIA. BOLTS, (4) BOLTS PER CONNECTION.
3		3	174" LONG, P2 1/2 STD SUPPORT RAIL	GALVANIZED. CONNECT TO ALL EXISTING AND PROPOSED VERTICAL MOUNT PIPES USING NEW CROSSOVER PLATES (VZWSMART-MSK1).
4		3	84" LONG, P2 1/2 STD	REMOVE EXISTING POSITION 3 MOUNT PIPE. GALVANIZED. CONNECT TO EXISTING FACE HORIZONAL MEMBERS USING NEW CROSSOVER PLATES (SITE PRO 1 PART #: SP219-H OR EOR APPROVED EQUIVALENT).

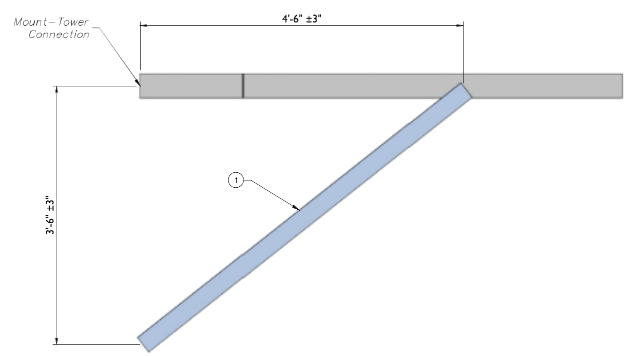
NOTES.

MOUNT MEMBERS NOT SHOWN FOR CLARITY U.N.O.



1 PROPOSED ISOMETRIC VIEW

SCALE : N.T.S.



2 PROPOSED SIDE ELEVATION VIEW (TYP. ALL SECTORS)

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Suite 100
Mount Laurel, NJ 08054
Phone: 856.797.0412
Fax: 856.722.1120

SHEET TITLE: MODIFICATION DETAILS

SHEET NUMBER: SS-1

MOUNT PHOTO 1

MOUNT PHOTO 2

MOUNT PHOTO 3

MOUNT PHOTO 4

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2000 Midlantic Drive
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Mount Laurel, NJ 08054

Phone: 856.797.0412
Fax: 856.722.1120

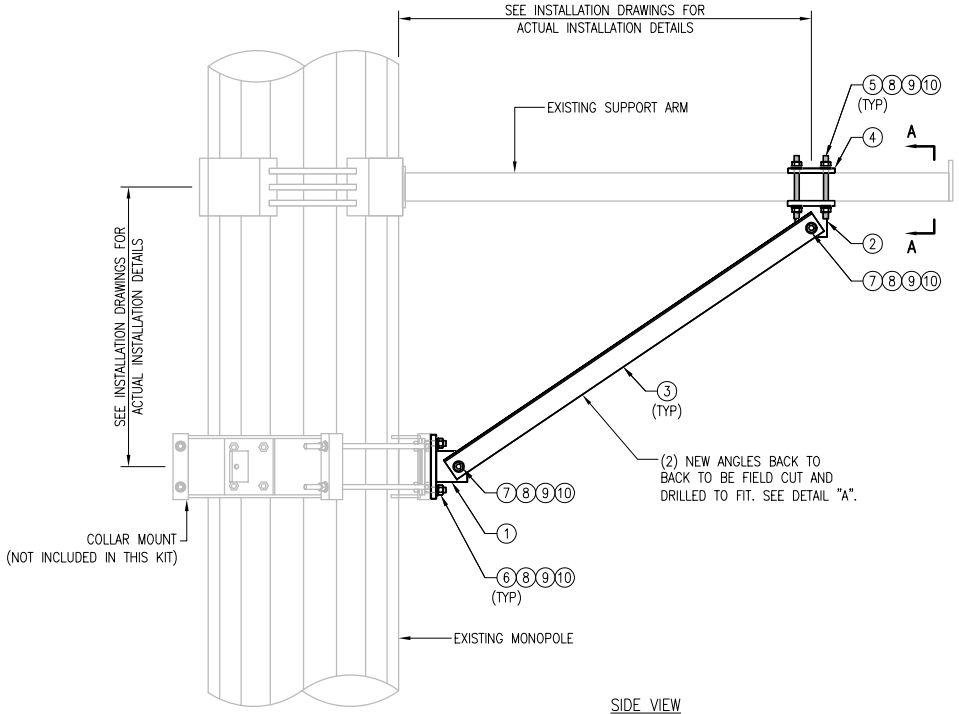
SHEET TITLE:

MOUNT PHOTOS

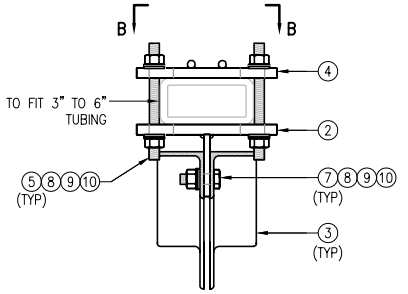
SHEET NUMBER:

SS-2

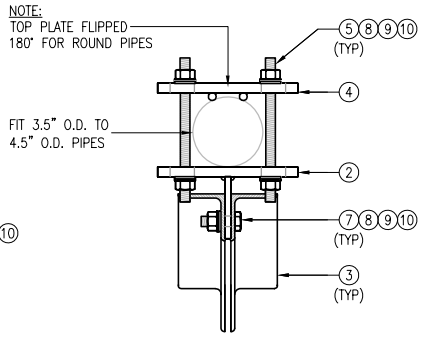
NOTE:
THE LOCATION OF KICKER AND EXISTING ANTENNA MOUNT SHOWN ON THE DRAWING IS FOR REPRESENTATION PURPOSE ONLY. SEE INSTALLATION DRAWINGS FOR ACTUAL INSTALLATION OF DETAILS.



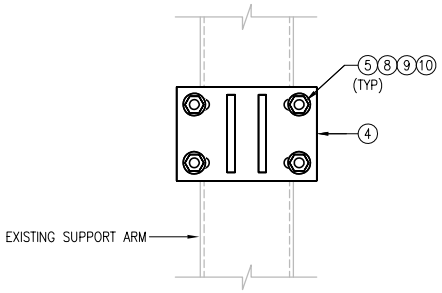
SIDE VIEW
KICKER KIT



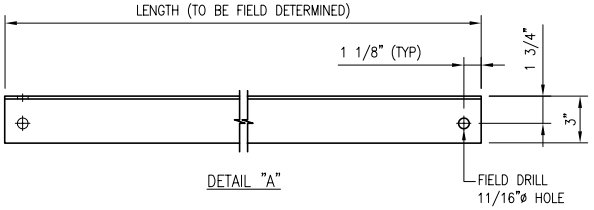
SECTION "A-A"
RECT. HSS MOUNTING



SECTION "A-A"
ROUND PIPE MOUNTING



SECTION "B-B"



DETAIL "A"

VZWSMART-PLK5 (KICKER KIT)

ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT
1	3	BRKW-XXX	BRACKET WELDMENT A36	PLK5-F3	43.8
2	3	BRKW-XXXX	BRACKET WELDMENT A36	PLK5-F2	35.7
3	6	L331875-8	L 3" X 3" X 3/16" X 8'-0" A36	PLK5-F4	182.9
4	3	PL-KI	PL 5/8" X 6" X 9" A36	PLK5-F1	29.0
5	12	---	THREADED ROD 5/8" DIA. X 1'-0" F1554-36 HDG	---	--
6	6	---	BOLT 5/8" X 2" A325	---	--
7	12	---	BOLT 5/8" X 2 1/2" A325	---	--
8	42	FW-625	5/8" HDG USS FLAT WASHER	---	3
9	42	LW-625	5/8" HDG LOCK WASHER	---	1
10	42	NUT-625	5/8" HDG HEX NUT	---	5
				GALVANIZED WT	291

NOTES:
1. ALL HOLES ARE 11/16" DIA. U.N.O
2. HOT-DIPPED GALVANIZED PER ASTM A123.
3. FIT UP TO 6" SQ. TUBING OR 4 1/2" O.D. PIPE

VzW SMART Tool© Vendor

verizon

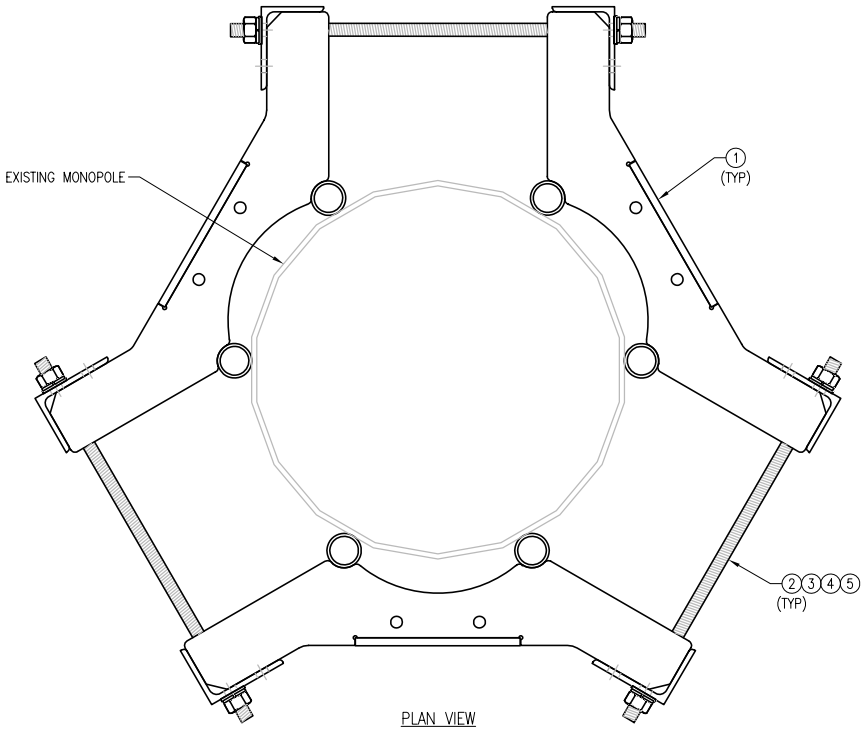
DRAWN BY: MN | CHECKED BY: HMA/KW

REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	MN	05/08/20

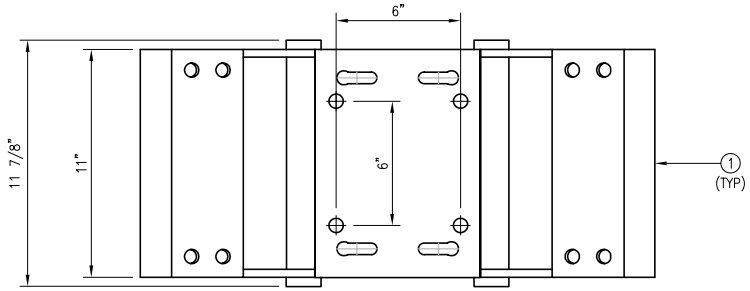
SHEET TITLE:
VZWSMART-PLK5
KICKER KIT

SHEET NUMBER: VZWSMART-PLK5

REV #: 0



PLAN VIEW
MONOPOLE COLLAR MOUNT ASSEMBLY



FRONT VIEW

NOTES:
1. FIT 12" TO 45" DIA MONOPOLE.
2. HOT-DIPPED GALVANIZED PER ASTM A123.

VZWSMART-PLK7 (MONOPOLE COLLAR MOUNT ASSEMBLY)

ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT
1	3	CM-1245	COLLAR MOUNT ASSEMBLY	PLK7-F1	147
2	6	---	THREADED ROD 5/8" X 4'-0" A193-B7	---	
3	12	FW-625	5/8" HDG USS FLAT WASHER	---	1
4	12	LW-625	5/8" HDG LOCK WASHER	---	0
5	12	NUT-625	5/8" HDG HEX NUT	---	1
				GALVANIZED WT	150

VzW SMART Tool© Vendor

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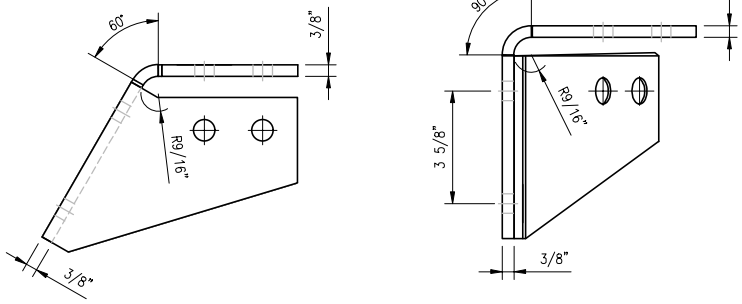
DRAWN BY: BT | CHECKED BY: HMA/KW

REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	BT	05/11/20

SHEET TITLE:
VZWSMART-PLK7
MONOPOLE COLLAR
MOUNT ASSEMBLY

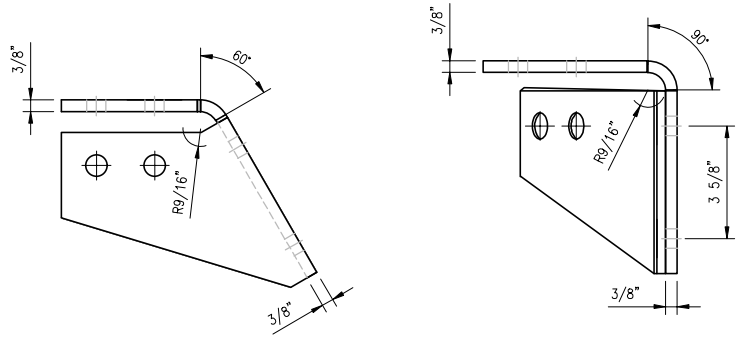
SHEET NUMBER: VZWSMART-PLK7

REV #: 0



TOP VIEW SIDE VIEW

CBP-L



TOP VIEW SIDE VIEW

CBP-R

NOTES:
1. HOT-DIPPED GALVANIZED PER ASTM A123.

VZWSMART-PLK3 (SUPPORT RAIL CORNER BRACKET)

ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT
1	1	CBP-L	CORNER BENT PLATE BRACKET	PLK3-F1	9
2	1	CBP-R	CORNER BENT PLATE BRACKET	PLK3-F1	9
3	4	MS02-625-300-500	RU-BOLT 5/8" X 3" I.W. X 5" I.L. A36 (OR EQUIV.)	RBC-1	5
4	8	---	BOLT 5/8" X 2" A325	---	3
5	16	FW-625	5/8" HDG USS FLAT WASHER	---	1
6	16	LW-625	5/8" HDG LOCK WASHER	---	0
7	16	NUT-625	5/8" HDG HEX NUT	---	2
				GALVANIZED WT	30

VzW SMART Tool© Vendor

verizon

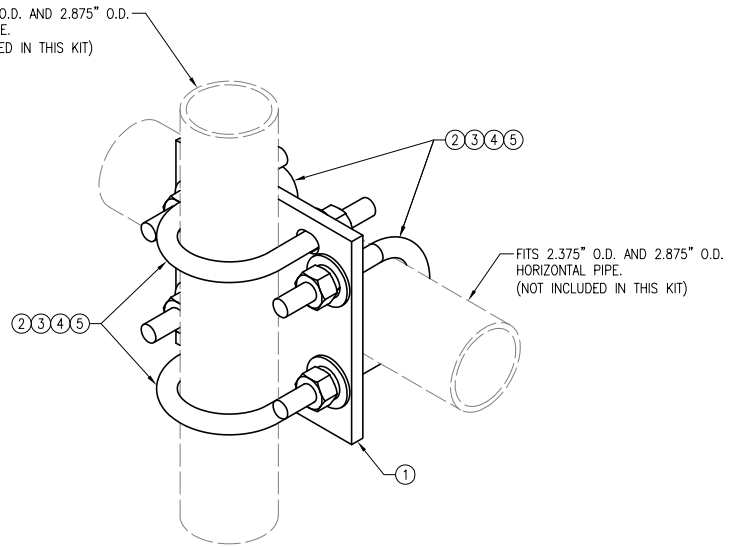
DRAWN BY: H.R | CHECKED BY: HMA

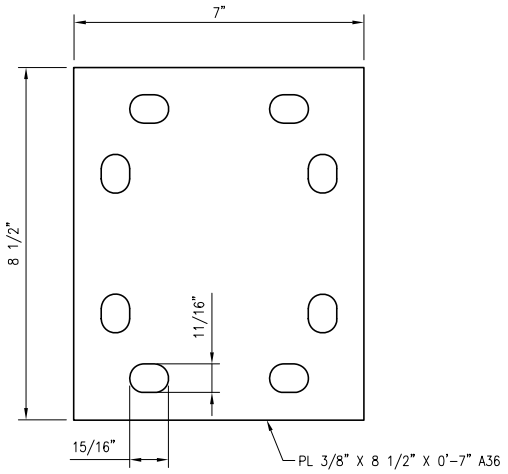
REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	H.R	05/08/20

SHEET TITLE:
VZWSMART-PLK3
SUPPORT RAIL CORNER BRACKET

SHEET NUMBER: VZWSMART-PLK3

REV #: 0





PL375-857

VZWSMART-MSK1 (CROSSOVER PLATE)					
ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT
1	1	PL375-857	PL 3/8" X 8 1/2" X 0'-7" A36	MSK1-F1	6
2	4	MS02-625-300-500	RU-BOLT 5/8" X 3" I.W. X 5" I.L. A36 (OR EQUIV.)	RBC-1	5
3	8	FW-625	5/8" HDG USS FLAT WASHER	---	1
4	8	LW-625	5/8" HDG LOCK WASHER	---	0
5	8	NUT-625	5/8" HDG HEX NUT	---	1
				GALVANIZED WT	14

NOTES:
1. HOT-DIPPED GALVANIZED PER ASTM A123.

VzW SMART Tool© Vendor

verizon

DRAWN BY: H.R	CHECKED BY: HMA

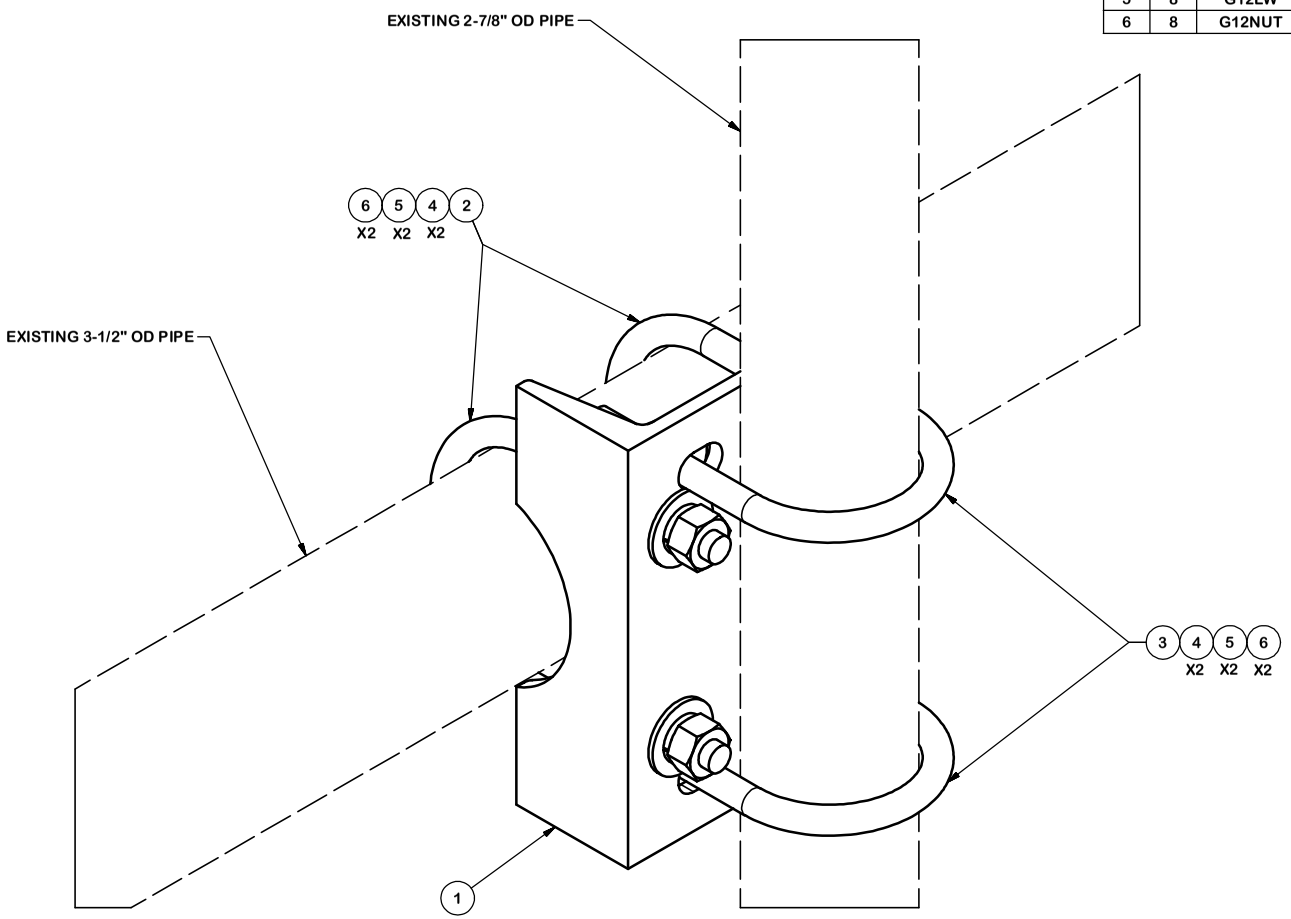
REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	H.R	05/08/20

SHEET TITLE:

VZWSMART-MSK1
CROSSOVER PLATE

SHEET NUMBER:	REV #:
VZWSMART-MSK1	0

PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	1	X-SP219	SMALL SUPPORT CROSS PLATE	8 1/4 in	8.61	8.61
2	2	X-UB1306	1/2" X 3-5/8" X 6" X 3" U-BOLT (HDG.)		0.66	1.31
3	2	X-UB1300	1/2" X 3" X 5" X 2" U-BOLT (HDG.)		0.66	1.31
4	8	G12FW	1/2" HDG USS FLATWASHER		0.03	0.27
5	8	G12LW	1/2" HDG LOCKWASHER		0.01	0.11
6	8	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	0.57
					TOTAL WT. #	12.61



TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES *(± 0.030")*
DRILLED AND GAS CUT HOLES *(± 0.030")* - NO CONING OF HOLES
LASER CUT EDGES AND HOLES *(± 0.010")* - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING *(± 0.030")*
ALL OTHER ASSEMBLY *(± 0.060")*

PROPRIETARY NOTE:
THE DATA AND TECHNIQUES CONTAINED IN THIS DRAWING ARE PROPRIETARY INFORMATION OF VALMONT INDUSTRIES AND CONSIDERED A TRADE SECRET. ANY USE OR DISCLOSURE WITHOUT THE CONSENT OF VALMONT INDUSTRIES IS STRICTLY PROHIBITED.

REVISION HISTORY				
REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	REDRAWN IN INV, UPDATED VIEWS & TABLE		KC8	8-21-2012

DESCRIPTION
2-7/8" TO 3-1/2"
PIPE MOUNT ASSEMBLY

SITE PRO 1 — A valmont COMPANY

Engineering Support Team: 1-888-753-7446

Locations: New York, NY; Atlanta, GA; Los Angeles, CA; Plymouth, IN; Salem, OR; Dallas, TX

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
4518	BMC 6/3/2009		SP219-H

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	01	CUSTOMER	CEK 2/18/2013	SP219-H

ATTACHMENT 5


347 RIVERSIDE DR
Google Directions
Zoom
View Details
Google Maps Link
Property Record Card
Town of Thompson
Property
Address 347 RIVERSIDE DR
Account Number 2247
Map Block Lot 85 51 4 A
Ownership
Name SANTERRE RENE B + MARY V TRUSTEES
Address 503 RIVERSIDE DRIVE N. GROSVENORDALE, CT 06255
Valuation
Total $143,800
Land $118,900
Search
Selection
Themes
Markup
Abutters
36A
12
7A
6
5
4A
4B
Riverside Dr
ACCESS &
UTILITY EASEMENT

Property Location: 347 RIVERSIDE DR #1 **MAP ID:** 85/ 51/ 4/A /1 **Bldg Name:** **State Use:** 3030

Vision ID: 104880 **Account #** 005953 **Bldg #:** 1 of 1 **Sec #:** 1 of 1 **Card** 1 of 1 **Print Date:** 12/02/2019 20:51

CURRENT OWNER	TOPO.	UTILITIES	STRT./ROAD	LOCATION
SANTERRE RENE B + MARY V TRUS			1 Paved	1 Major Rte.
R B + M V SANTERRE REV TRUST				
C/O MCF COMMUNICATIONS				
733 TURNPIKE ST SUITE 105				
N. ANDOVER, CT 01845				
Additional Owners:				

SUPPLEMENTAL DATA

Other ID:	005993	DV LOT #	
SIDE	E-28	SEWER	
CENSUS TR	09002	BAA	
FLOOD PLN		CALLBACK	X
ACCOUNT #	4303	DM Result	2247
DV MAP #			
GIS ID:		*ASSOC PID#*	

CURRENT ASSESSMENT

Description	Code	Appraised Value	Assessed Value
COM LAND	2-1	216,000	151,200
COM OUTBL	2-5	164,500	115,200
		Total 380,500	266,400

6140 THOMPSON, CT

VISION

RECORD OF OWNERSHIP

	BK-VOL/PAGE	SALE DATE	q/u	v/i	SALE PRICE	V.C.
SANTERRE RENE B + MARY V TRUSTEE	0407/0236	12/15/1999	U	I	0	

PREVIOUS ASSESSMENTS (HISTORY)

Yr.	Code	Assessed Value	Yr.	Code	Assessed Value	Yr.	Code	Assessed Value
2018	2-5	119,200	2017	2-5	119,200	2016	2-5	119,200
		Total: 119,200			*Total:* 119,200			*Total:* 119,200

EXEMPTIONS

Year	Type	Description	Amount
		Total:	

OTHER ASSESSMENTS

Code	Description	Number	Amount	Comm. Int.

This signature acknowledges a visit by a Data Collector or Assessor

APPRAISED VALUE SUMMARY

Appraised Bldg. Value (Card)	0
Appraised XF (B) Value (Bldg)	0
Appraised OB (L) Value (Bldg)	164,500
Appraised Land Value (Bldg)	216,000
Special Land Value	0
Total Appraised Parcel Value	380,500
Valuation Method:	C
Adjustment:	0
Net Total Appraised Parcel Value	380,500

ASSESSING NEIGHBORHOOD

NBHD/ SUB	NBHD Name	Street Index Name	Tracing	Batch
0001/A				DM1

NOTES

100 X 100 = LEASED AREA FOR CELL TOWER
TOWER OWNED BY MCF COMMUNICATIONS
LEASE ON TOWER = VERIZON WIRELESS
CELL SITE VALUE BASED ON TYPICAL LAND
LEASE 24000 - 10% VAC&EXP / .10 CAP

BUILDING PERMIT RECORD

Permit ID	Issue Date	Type	Description	Amount	Insp. Date	% Comp.	Date Comp.	Comments

VISIT/ CHANGE HISTORY

Date	Type	IS	ID	Cd.	Purpose/Result
10/01/2019			V	53	FIELD REVIEW
03/30/2019			TWM	01	Measur+1Visit
03/30/2019			TWM	02	Measur+2Visit

LAND LINE VALUATION SECTION

B #	Use Code	Use Description	Zone	D	Front	Depth	Units		Unit Price	I. Factor	S.A.		C. Factor	ST. Idx	Adj.	Notes- Adj	Special Pricing Spec Use	Special Pricing Spec Calc	S Adj Fact	Adj. Unit Price	Land Value
1	3030	COMM LAND	C		210		0	SF	0.00	1.2500	E		1.00		0.00				.00	0.00	0
1	3030	COMM LAND					1.00	BL	216,000.00	1.0000	0		1.00		0.00	CELL SITE			1.00	216,000.00	216,000

Total Card Land Units: 0.00 AC **Parcel Total Land Area:** 0 AC **Total Land Value:** 216,000

Property Location: 347 RIVERSIDE DR #1 **MAP ID:** 85/ 51/ 4/A /1 **Bldg Name:** **State Use:** 3030

Vision ID: 104880 **Account #** 005953 **Bldg #:** 1 of 1 **Sec #:** 1 of 1 **Card** 1 of 1 **Print Date:** 12/02/2019 20:51

CONSTRUCTION DETAIL

Element	Cd.	Ch.	Description
Model	00		Vacant

CONSTRUCTION DETAIL (CONTINUED)

Element	Cd.	Ch.	Description

MIXED USE

Code	Description	Percentage
3030	COMM LAND	100

COST/MARKET VALUATION

Adj. Base Rate:	0.00
	0
Net Other Adj:	0.00
Replace Cost	0
AYB	
Dep Code	
Remodel Rating	
Year Remodeled	
Dep %	
Functional Obslnc	
External Obslnc	
Cost Trend Factor	1
Condition	
% Complete	
Overall % Cond	
Apprais Val	
Dep % Ovr	0
Dep Ovr Comment	
Misc Imp Ovr	0
Misc Imp Ovr Comment	
Cost to Cure Ovr	0
Cost to Cure Ovr Comment	

OB-OUTBUILDING & YARD ITEMS(L) / XF-BUILDING EXTRA FEATURES(B)

Code	Description	Sub	Sub Descript	L/B	Units	Unit Price	Yr	Gde	Dp Rt	Cnd	%Cnd	Apr Value
TWR2	MONOPOLE			L	125	900.00	Null		0		100	112,500
FN3	FENCE-6' CH/			L	270	22.50	2010		0		100	6,100
SLAB	CONC SLAB			L	360	2.50	2010		0		100	900
CB1	PRECAST CO			L	360	125.00	2010		0		100	45,000

BUILDING SUB-AREA SUMMARY SECTION

Code	Description	Living Area	Gross Area	Eff. Area	Unit Cost	Undeprec. Value
	Ttl. Gross Liv/Lease Area:	0	0	0		

No Photo On Record

ATTACHMENT 6

THOMPSON 2

UNITED STATES POSTAL SERVICE®

Certificate of Mailing — Firm

Name and Address of Sender	TOTAL NO. of Pieces Listed by Sender	TOTAL NO. of Pieces Received at Post Office™	Affix Stamp Here *Postmark with Date of Receipt.*
Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103	3	3	neopost 12/02/2021 US POSTAGE $002.99 ZIP 06103 041L12203937
	Postmaster, per *(name of receiving employee)* Rose		

USPS® Tracking Number / Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)	Postage	Fee	Special Handling	Parcel Airlift
1.	Amy St. Onge, First Selectman Town of Thompson 815 Riverside Drive North Grosvenordale, CT 06255				
2.	Tyra Penn-Gesek, Director of Planning and Development Town of Thompson 815 Riverside Drive North Grosvenordale, CT 06255				
3.	Rene B. Santerre and Mary V. Santerre 503 Riverside Drive North Grosvenordale, CT 06255				
4.					
5.					
6.					

OLD STATE HOUSE STATION 06103
DEC 02 2021
USPS