Robinson+Cole

KENNETH C. BALDWIN

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Also admitted in Massachusetts and New York

May 23, 2022

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**
267 Norwich Westerly Road, North Stonington, 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 was approved by the Town of North Stonington ("Town") in May of 2005. Cellco's use of the tower were approved by the Siting Council ("Council") in July of 2007 (EM-VER-102-050707). A copy of the Town's approval of the tower and the Council's approval of Cellco's shared use of the tower are included in Attachment 1.

Cellco now intends to modify its facility by removing nine (9) existing antennas and installing three (3) new MT6407-77A antennas and six (6) JAHH-65B-R3B antennas on its existing antenna platform. Cellco also intends to remove three (3) remote radio heads ("RRHs") and install six (6) new RRHs behind its antennas. A set of project plans showing Cellco's proposed facility modifications and new antennas 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 North Stonington'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. The replacement antennas will be installed on Cellco's existing antenna platform.

2. The proposed modifications will not involve any change to ground-mounted equipment and, therefore, will not require the extension of the site boundary.

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

4. The installation of Cellco's new antennas will not increase radio frequency (RF) emissions at the facility to a level at or above the Federal Communications Commission (FCC) safety standard. A cumulative General Power Density table for 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:

Robert Carlson, North Stonington First Selectman
Nathan Reichert, Planning, Development and Zoning Official
North Stonington Volunteer Fire Company Inc., Property Owner
Alex Tyurin, Verizon Wireless

ATTACHMENT 1

VOL 126 PAGE 741

Town of

NORTH STONINGTON, CT.

PLANNING & ZONING COMMISSION

May 13, 1999

CERTIFIED MAIL
SBA Inc.
125 Shaw Street
Suite 116
New London, Connecticut 06320

NOTICE OF DECISION

At the Special Meeting of the North Stonington Planning & Zoning Commission held on Thursday, May 6, 1999, at the New Town Hall located at 40 Main Street, North Stonington, Connecticut, the Commission acted as follows:

SP#99-031 Application of SBA Inc., of 125 Shaw Street, Suite 116, New London, Connecticut and Sprint Spectrum, LP (Sprint PCS) of 9 Barnes Industrial Road, Wallingford, Connecticut to allow a Special Permit for a 150' multi-tenant monopole and related equipment on land located at the intersection of Route 2/Rocky Hollow Road at 267 Norwich-Westerly Road (a.k.a. Route 2) land is owned by North Stonington Volunteer Fire Co. Inc., Tax map #221, Lot #1.01, was approved with the following conditions applied:

1). Iron Pins shall be set before signing and the proper symbol shall be shown on Sheet S-1, enlarged view.

2). Note shall be amended to the site plan indicating that no more than 4 antenna support platforms each holding no more than 12 panel antennas, are approved; and the installation of additional support platforms and/or antennas shall require an approved site plan modification.

3). Note symbols #8 through #10 on Sheet C-2 shall be removed from the site plan or labeled as "omitted".

4). SE&SC narrative note #17 on Sheet C-4 shall be moved to under note #10 and renumbered.

5). The words "with topsoil added" shall be inserted into note #13 on Sheet C-4 after the word "roughened."

6). A description of the lightening suppression system shall be added to the site plan.

July 21, 2005

Kenneth C. Baldwin, Esq.
Robinson and Cole LLP
280 Trumbull Street
Hartford, CT 06103-3597

RE: **EM-VER-102-050707 –** Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 267 Norwich-Westerly Road, North Stonington, Connecticut.

Dear Attorney Baldwin:

At a public meeting held on July 20, 2005, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified here and in your notice dated July 7, 2005, including the placement of all necessary equipment and shelters within the tower compound. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

Thank you for your attention and cooperation.

Very truly yours,

Pamela B. Katz, P.E.
Chairman

PBK/jkl

c: The Honorable Nicholas H. Mullane, II, First Selectman, Town of North Stonington
Craig Grimord, Senior Planning & Zoning Official, Town of North Stonington
SBA Communications, Inc.
Christine Farrell, T-Mobile
Thomas J. Regan, Esq., Brown Rudnick Berlack Israels LLP
Christopher B. Fisher, Esq., Cuddy & Feder LLP

ATTACHMENT 2

verizon

WIRELESS COMMUNICATIONS FACILITY

SITE NAME:
NORTH STONINGTON 3 CT

SBA SITE # CT01210
267 NORWICH-WESTERLY RD.
NORTH STONINGTON, CT 06359

ANTENNA MODIFICATION

PROJECT SUMMARY	
SITE NAME:	NORTH STONINGTON 3 CT
SITE ADDRESS:	267 NORWICH-WESTERLY RD. NORTH STONINGTON, CT 06359
PROPERTY OWNER:	NO. STONINGTON VOL FIRE CO INC TAX DEPT-SBA PROPERTY 8051 CONGRESS AVE. BOCA RATON, FL 33487
TOWER OWNER/MGMT:	SBA SITE # CT01210
PARCEL ID:	109-3237
COORDINATES:	41° 26' 13.530" N 71° 52' 53.450" 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

verizon
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
LICENSED PROFESSIONAL ENGINEER

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

SUBMITTALS

NO	DATE	DESCRIPTION
0	11.05.21	REVIEW
1	04.20.22	REVISED PER UPDATED SA REPORT

DRAWN BY:	AS
CHECKED BY:	DW

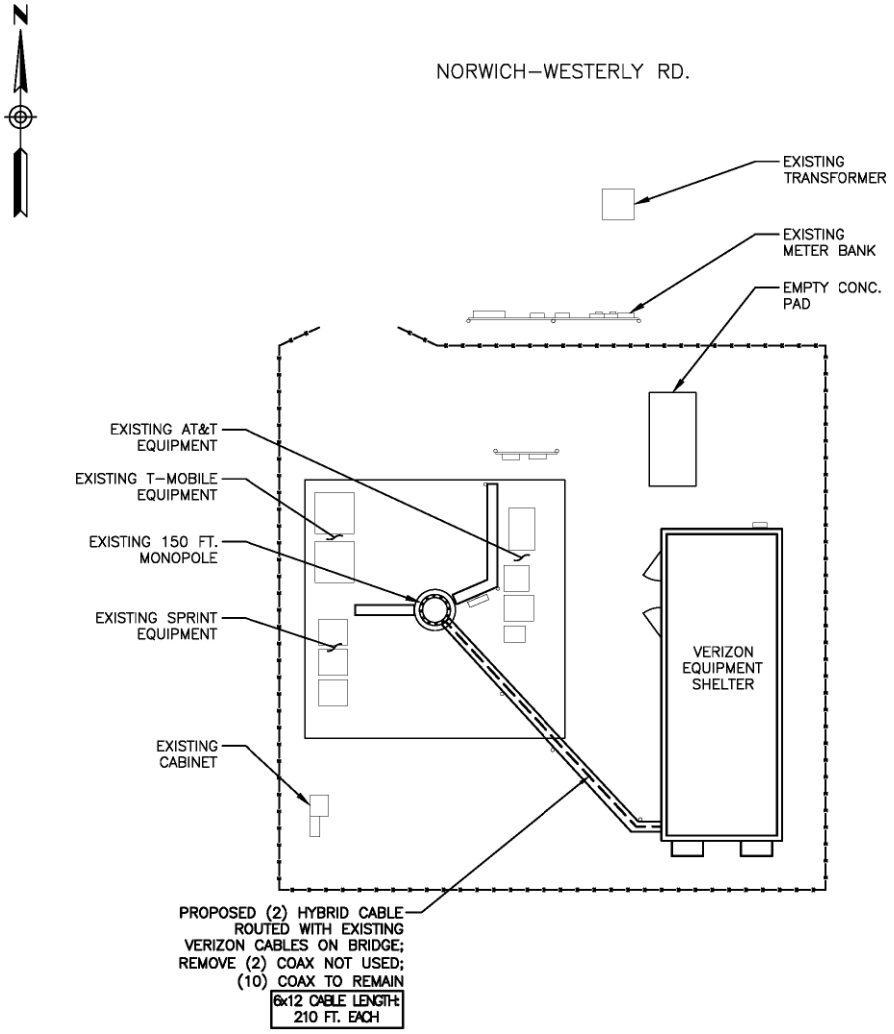
PROJECT NAME:
ANTMO MT6407
850-LTE-PCS-AWS
DESIGN EXHIBITS

SITE NAME:
N STONINGTON 3 CT

SITE ADDRESS:
SBA SITE # CT01210
267 NORWICH-WESTERLY RD.
N. STONINGTON, CT 06359

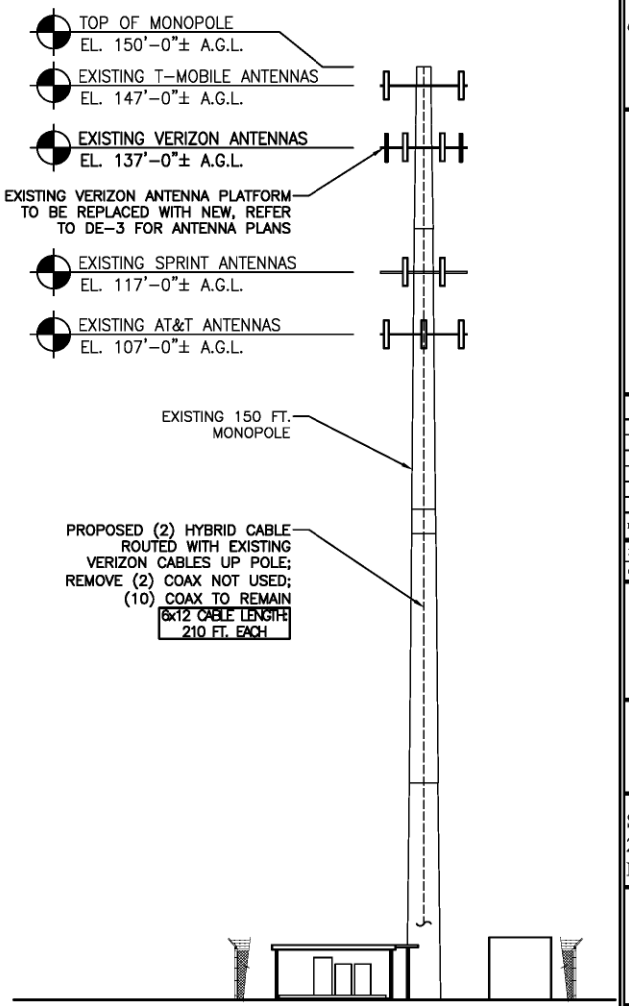
SHEET TITLE:
TITLE SHEET

SHEET NUMBER:
DE-1



1 / DE-2 **COMPOUND PLAN**
Scale: 1/16" = 1'-0"

ROCKY HOLLOW RD.



2 / DE-2 **ELEVATION**
Scale: NTS

NOTES:
1. COMPOUND PLAN IS COMPILED FROM EXISTING DRAWINGS ON FILE WITH THE CT SITING COUNCIL AND A LIMITED DESIGN VISIT 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.

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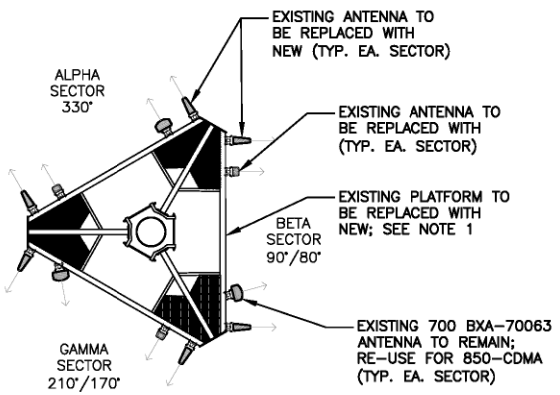
267 NORWICH-WESTERLY RD.
N. STONINGTON, CT 06359

SHEET TITLE:
COMPOUND PLAN
& ELEVATION

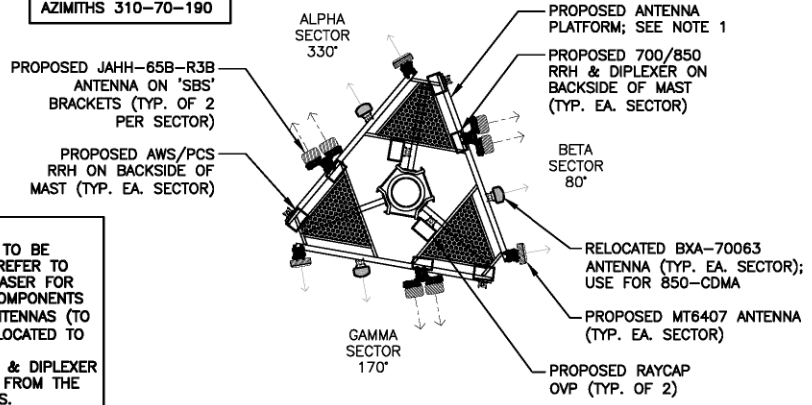
SHEET NUMBER:
DE-2



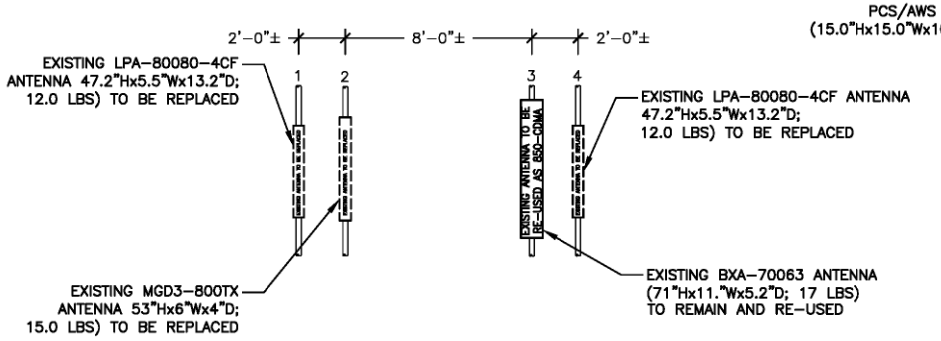
1 DE-3 ANTENNA PLAN @ 137 FT. - EXISTING
Scale: 1/8" = 1'-0"

CONTRACTOR SHALL SET NEW PLATFORM TO AZIMITHS 310-70-190

NOTES:
1. EXISTING PLATFORM TO BE REPLACED WITH NEW. REFER TO MOUNT ANALYSIS BY MASER FOR SPECIFICATIONS AND COMPONENTS REQUIRED. EXISTING ANTENNAS (TO REMAIN) SHALL BE RELOCATED TO NEW PLATFORM.
2. NEW ANTENNA, RRH & DIPLEXER LOCATIONS ARE TAKEN FROM THE MASER MOUNT ANALYSIS.

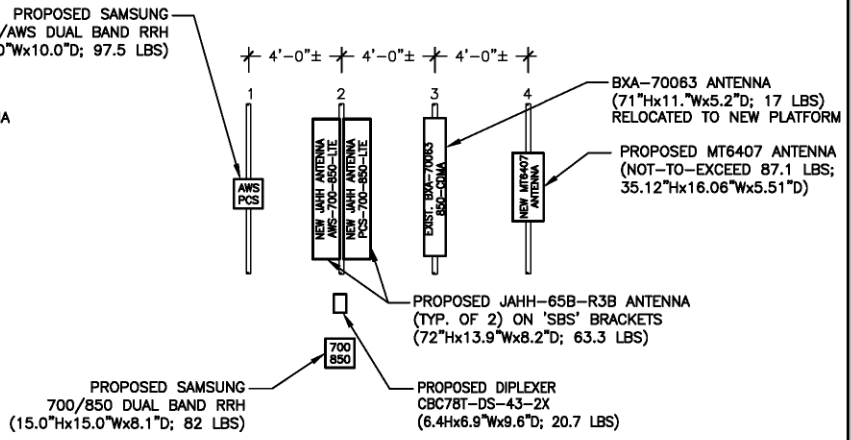


2 DE-3 ANTENNA PLAN @ 137 FT. - PROPOSED
Scale: 1/8" = 1'-0"



(VIEWED FROM BEHIND SECTOR)

3 DE-3 ANTENNA ELEVATION (TYP.) - EXISTING
Scale: 3/16" = 1'-0"



(VIEWED FROM BEHIND SECTOR)

4 DE-3 ANTENNA ELEVATION (TYP.) - PROPOSED
Scale: 3/16" = 1'-0"

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PROJECT NAME:
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DESIGN EXHIBITS

SITE NAME:
N STONINGTON 3 CT

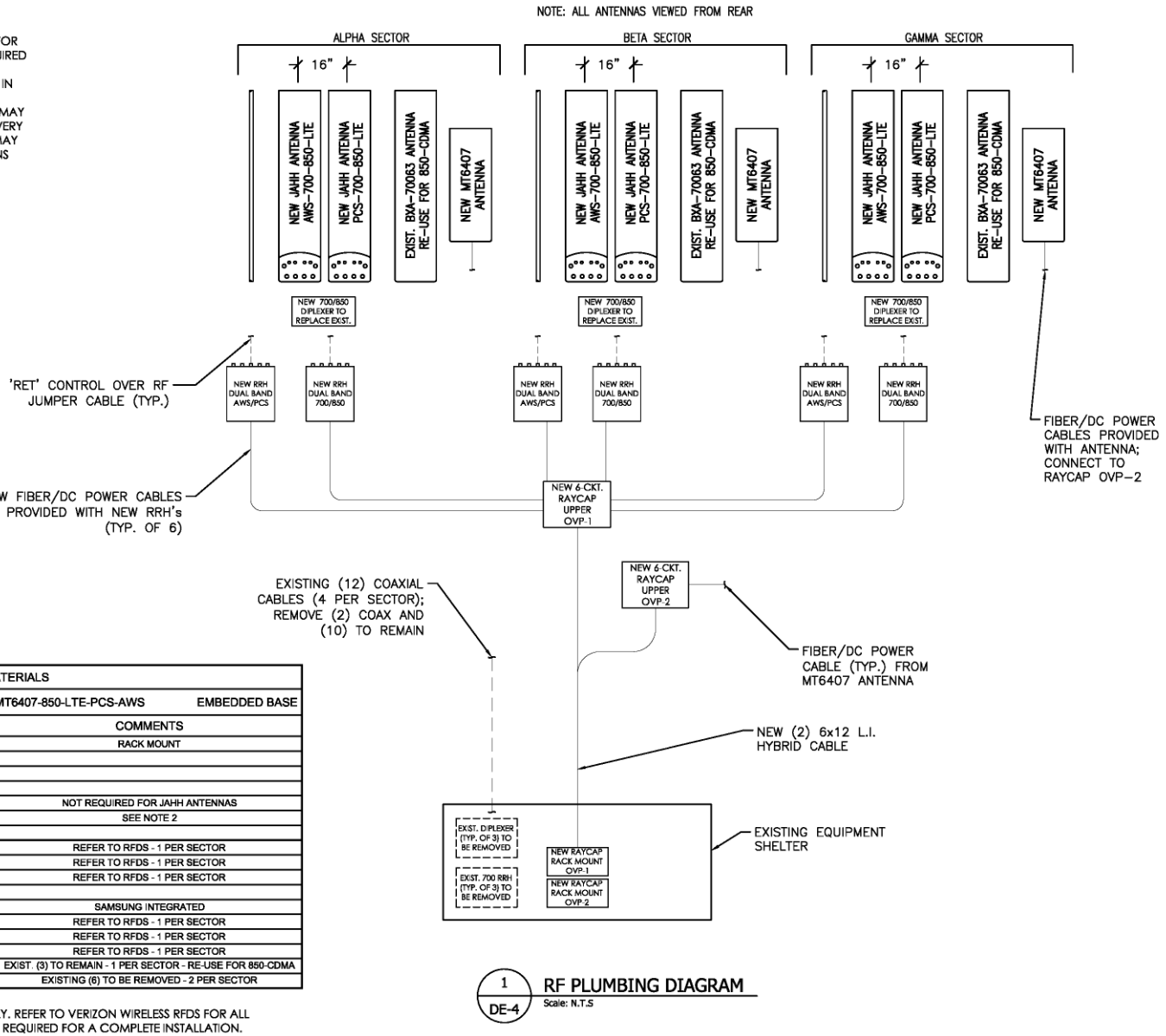
SITE ADDRESS:
SBA SITE # CT01210
267 NORWICH-WESTERLY RD.
N. STONINGTON, CT 06359

SHEET TITLE:
ANTENNA PLANS
& ELEVATIONS

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.



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

BILL OF MATERIALS

SITE NAME: NORTH STONINGTON 3 CT — ANTMO MT6407-850-LTE-PCS-AWS — EMBEDDED BASE

DESCRIPTION	QTY	LENGTH	COMMENTS
6-CKT. LOWER OVP	2	-	RACK MOUNT
6-CKT. UPPER OVP	2	-	
6x12 HYBRID CABLE	2	210 FT.	
'RET' CONTROL CABLE	-	-	NOT REQUIRED FOR JAHH ANTENNAS
1/2" JUMPER CABLE	-	-	SEE NOTE 2
		-	
AWS/PCS DUAL BAND RRH	3	-	REFER TO RFDS - 1 PER SECTOR
700/850 DUAL BAND RRH	3	-	REFER TO RFDS - 1 PER SECTOR
700/850 DIPLEXER	3	-	REFER TO RFDS - 1 PER SECTOR
MT6407 ANTENNA	3	-	SAMSUNG INTEGRATED
JAHH AWS-700-850-LTE ANTENNA	3	-	REFER TO RFDS - 1 PER SECTOR
JAHH PCS-700-850-LTE ANTENNA	3	-	REFER TO RFDS - 1 PER SECTOR
SBS MOUNTING BRACKET	3	-	REFER TO RFDS - 1 PER SECTOR
BXA-70083 ANTENNA	-	-	EXIST. (3) TO REMAIN - 1 PER SECTOR - RE-USE FOR 850-CDMA
850-CDMA ANTENNA	-	-	EXISTING (6) TO BE REMOVED - 2 PER SECTOR

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

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

SUBMITTALS

NO	DATE	DESCRIPTION
0	11.05.21	REVIEW
1	04.20.22	REVISED PER UPDATED SA REPORT

DRAWN BY:	AS
CHECKED BY:	DW

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

SITE NAME:
N STONINGTON 3 CT

SITE ADDRESS:
SBA SITE # CT01210
267 NORWICH-WESTERLY RD.
N. STONINGTON, CT 06359

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

WIRELESS COMMUNICATIONS FACILITY

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SHEET TITLE:
GENERAL
CONSTRUCTION
NOTES

SHEET NUMBER:
DE-5

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

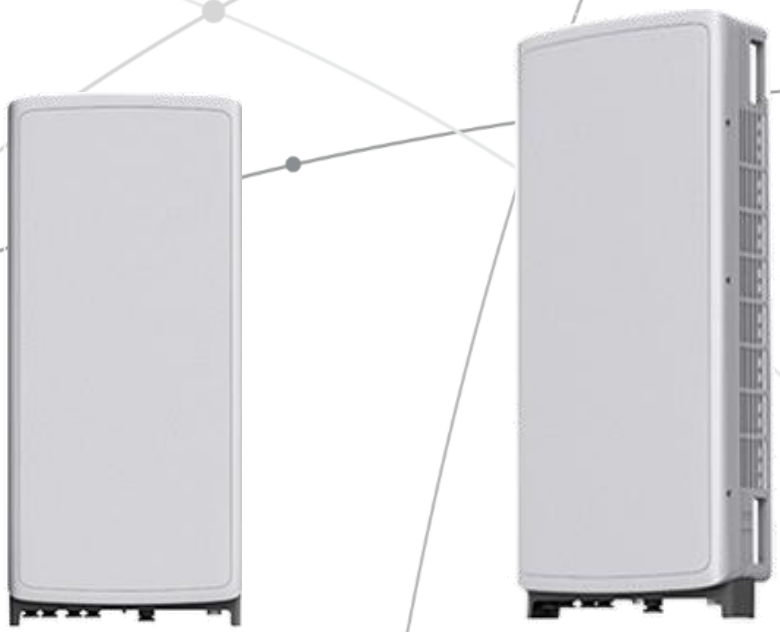
SAMSUNG

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

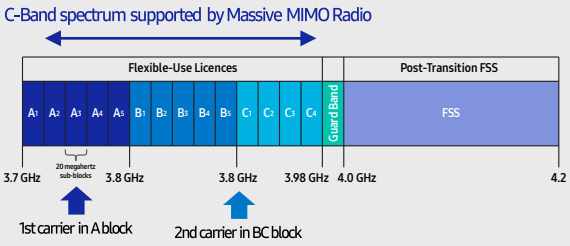


Points of Differentiation

Wide Bandwidth

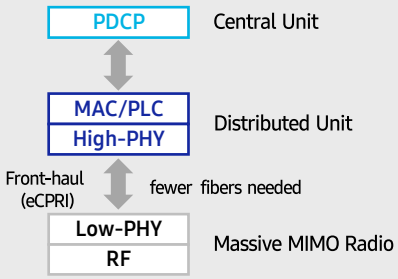
With capability to support up to 2 CC carrier configuration, Samsung C-Band massive MIMO Radio supports 200 MHz bandwidth in the C-Band spectrum.

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.

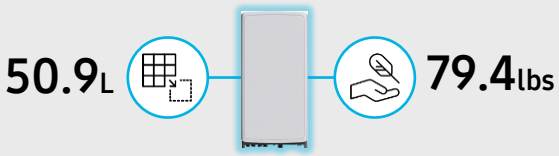
This helps operators reduce their CAPEX as they now need less products to cover the same area than before.

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

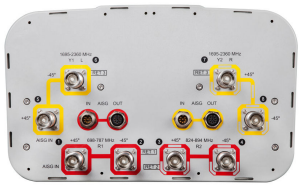
SAMSUNG

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

JAHH-65B-R3B



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

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

General Specifications

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

Remote Electrical Tilt (RET) Information, General

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

Dimensions

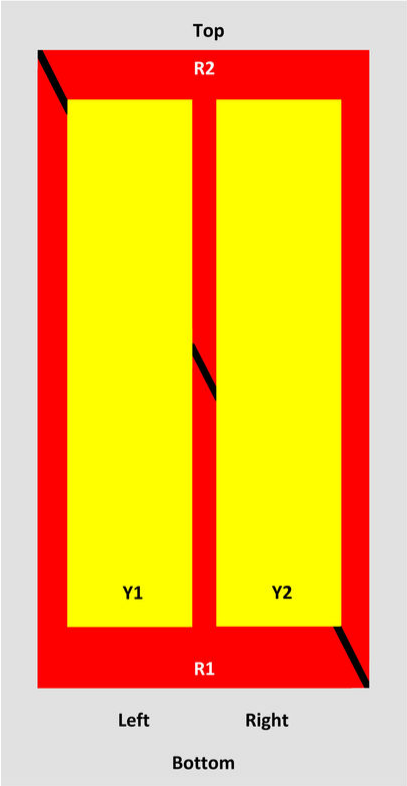
Width	350 mm | 13.78 in

JAHH-65B-R3B

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

Array Layout

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



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

View from the front of the antenna

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

Electrical Specifications

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

Remote Electrical Tilt (RET) Information, Electrical

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

JAHH-65B-R3B

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

Electrical Specifications

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

Electrical Specifications, BASTA

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

JAHH-65B-R3B

CPR at Sector, dB	11	12	11	11	11	8

Mechanical Specifications

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

Packaging and Weights

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

Regulatory Compliance/Certifications

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

Included Products

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

* Footnotes

Performance Note	Severe environmental conditions may degrade optimum performance

ATTACHMENT 3

	General	Power	Density					
Site Name: North Stonington 3								
Tower Height: Verizon @ 137ft								
CARRIER	**# OF CHAN.**	**WATTS ERP**	**HEIGHT**	**FREQ.**	**CALC. POWER DENS**	**MAX. PERMISS.EXP.**	**FRACTION MPE**	**Total**
*DISH	4	224	127	600	0.0220	0.4000	0.55%	
*DISH	4	543	127	1900	0.0533	1.0000	0.53%	
*DISH	4	543	127	2190	0.0533	1.0000	0.53%	
*Sprint	1	377	120.3	850	0.0104	0.5667	0.18%	
*Sprint	2	942	120.3	850	0.0519	0.5667	0.92%	
*Sprint	5	512	120.3	1900	0.0705	1.0000	0.70%	
*Sprint	2	1280	120.3	1900	0.0705	1.0000	0.70%	
*Sprint	8	778	120.3	2500	0.1713	1.0000	1.71%	
*AT&T	1	1475	107	700	0.0520	0.4667	1.11%	
*AT&T	1	1523	107	850	0.0537	0.5667	0.95%	
*AT&T	1	3837	107	2100	0.1353	1.0000	1.35%	
*AT&T	1	1000	107	850	0.0353	0.5667	0.62%	
*AT&T	1	2951	107	700	0.104	0.4667	2.23%	
*AT&T	1	3664	107	1900	0.1292	1	1.29%	
*AT&T	1	1000	107	850	0.0353	0.5667	0.62%	
*T-Mobile	1	1556	147	1900	0.0281	1	0.28%	
*T-Mobile	1	584	147	1900	0.0106	1.0000	0.11%	
*T-Mobile	2	2334	147	2100	0.0844	1.0000	0.84%	
*T-Mobile	2	789	147	600	0.0285	0.4000	0.71%	
*T-Mobile	2	433	147	700	0.0157	0.4667	0.34%	
VZW 700	**4**	**470**	**137**	**751**	**0.0036**	**0.5007**	**0.72%**	
VZW CDMA	**2**	**384**	**137**	**877.26**	**0.0015**	**0.5848**	**0.25%**	
VZW Cellular	**4**	**538**	**137**	**874**	**0.0041**	**0.5827**	**0.71%**	
VZW PCS	**4**	**1181**	**137**	**1977.5**	**0.0091**	**1.0000**	**0.91%**	
VZW AWS	**4**	**1211**	**137**	**2120**	**0.0093**	**1.0000**	**0.93%**	
VZW CBAND	**2**	**13335**	**137**	**3730.08**	**0.0511**	**1.0000**	**5.11%**	
								24.89%
* Source: Siting Council								

ATTACHMENT 4

Tower Engineering Solutions
Phone (972) 483-0607, Fax (972) 975-9615
1320 Greenway Drive, Suite 600, Irving, Texas 75038

Structural Analysis Report

Existing 150 ft Valmont Monopole

Customer Name: SBA Communications Corp

Customer Site Number: CT01210-S

Customer Site Name: North Stonington

Carrier Name: Verizon (App#: 173225, v2)

Carrier Site ID / Name: NLN-2051 / North Stonington 3 CT

Site Location: 267 Norwich Westerly Road

N. Stonington, Connecticut

New London County

Latitude: 41.437066

Longitude: -71.881488

3/8/22

Analysis Result:

Max Structural Usage: 96.8% [Pass]

Max Foundation Usage: 90.9% [Pass]

Additional Usage Caused by New Mount: +2.50%

Report Prepared By: Walter Velez

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Report Prepared By: Walter Velez

Introduction

The purpose of this report is to summarize the analysis results on the 150 ft Valmont Monopole to support the proposed antennas and transmission lines in addition to those currently installed.

The pending modification by **TES** listed under Sources of Information was also considered completed and was included in this analysis.

Sources of Information

Tower Drawings	Original structural design report prepared by Valmont. Dated 08-31-1999. Order No 18771-99. Previous structural report prepared by Tower Engineering Solutions. Dated 03-02-2022. TES Project No 125083.
Foundation Drawing	Original foundation drawings prepared by Valmont. Dated 07-15-1999. Order No 18771-99. Project No 2856. Drawing No 2856-F.
Geotechnical Report	Geotechnical report prepared by Jaworski Geotech, Inc. Dated 06-08-1999. Project No 99128G.
Mount Analysis	New/Replacement antenna mount analysis report and PMI requirements prepared by Master Consuting Connecticut. Dated 10-28-2021. Project No 21781080A.
Modification Drawings	N/A
Pending Modification	**Tower Engineering Solutions Pending Job # 123611.**

Analysis Criteria

The rigorous analysis was performed in accordance with the requirements and stipulations of the TIA-222-G-2**.** In accordance with this standard, the structure was analyzed using **TESPoles,** a proprietary analysis software. The program considers the structure as an elastic 3-D model with second-order effects and temperature effects incorporated in the analysis. The analysis was performed using multiple wind directions.

Wind Speed Used in the Analysis:	Ultimate Design Wind Speed V_{ult} = 135.0 mph (3-Sec. Gust)
(Based on IBC 2015)	Nominal Design Wind Speed V_{asd} = 105.0 mph (3-Sec. Gust)
Wind Speed with Ice:	50 mph (3-Sec. Gust) with 3/4" radial ice concurrent
Operational Wind Speed:	60 mph + 0" Radial ice
Standard/Codes:	TIA-222-G-2, 2015 IBC & 2018 Connecticut State Building Code
Exposure Category:	C
Structure Class:	II
Topographic Category:	1
Crest Height:	0 ft
Seismic Parameters:	S_S = 0.162, S_1 = 0.058

This structural analysis is based upon the tower being classified as a Structure Class II; however, if a different classification is required subsequent to the date hereof, the tower classification will be changed to meet such requirement and a new structural analysis will be run.

Existing Antennas, Mounts and Transmission Lines

The table below summarizes the antennas, mounts and transmission lines that were considered in the analysis as existing on the tower.

Items	Elevation (ft)	Qty.	Antenna Descriptions	Mount Type & Qty.	Transmission Lines	Owner
1	147.0	3	Ericsson AIR6449 B41 - Panel	(1) Low Profile w/ Handrail Kit and Tie Back Kit (Commscope MT-195-14 & VSR-MS-B), (1) Platform Reinforcement Kit (Sitepro PRK-1245L), (1) V-Brace Kit (Sitepro PRK-SFS-L)	(7) 1 5/8" Coax; (4) 1.90" Fiber	T-Mobile
2		3	Commscope VV-65A-R1 - Panel			
3		3	RFS APXVAALL24-43-U-NA20 - Panel			
4		3	Ericsson KRY 112 144/1 TMA's			
5		3	Ericsson 4449 B71 + B85 RRU's			
6		3	Ericsson 4460 B25 + B66 RRU's			
7	137.0	3	Antel BXA-70063/6CF - Panel	Low Profile Platform	(12) 1 5/8"	Verizon
8		6	Antel LPA-80080/4CF - Panel			
9		3	Rymsa MGD5-800T2 - Panel			
10		6	RFS FD9R6004/2C-3L Diplexers			
11		2	Cleargain 850/1900 TMA's			
12	127.0	3	JMA Wireless MX08FRO665-21 - Panel	Platform w/HRK (Commscope MC-PK8-DSH)	(1) 1.6" Hybrid	Dish Wireless
13		3	Fujitsu TA08025-B605 RRU's			
14		3	Fujitsu TA08025-B604 RRU's			
15		1	Raycap RDIDC-9181-PF-48 COVP			
16	120.0	3	Commscope NNVV-65B-R4 - Panel	Platform w/ Handrail (Sitepro RMQP-496-HK)	(4) 1-1/4" Fiber	Sprint Nextel
17	117.0	3	RFS APXVTM14-C-I20 - Panel			
18		3	ALU 1900 Mhz			
19		6	ALU 800 Mhz			
20		3	ALU TD-RRH8x20-25			
21	107.0	3	Kathrein 7770	Low Profile Platform w/Site Pro 1 HRK14	(12) 1 5/8" (3) 3'' Conduit {Conduit 1: [(1) 1/2" Fiber + (2) 3/4" DC] Conduit 2: [(1) 1/2" Fiber + (2) 1" DC] Conduit 3: [(1) 1" DC]}	AT&T
22		6	Cci DMP65R-BU8DA			
23		6	Powerwave LGP21401 TMA			
24		3	Ericsson RRUS 4449 B5/B12			
25		3	Ericsson RRUS 4478 B14			
26		3	Ericsson RRUS 8843 B2 B66A			
27		1	Raycap DC6-48-60-18-8F			
28		1	Raycap DC9-48-60-24-8C-EV			

Proposed Carrier's Final Configuration of Antennas, Mounts and Transmission Lines

Information pertaining to the proposed carrier's final configuration of antennas and transmission lines was provided by SBA Communications Corp. The proposed antennas and lines are listed below.

Items	Elevation (ft)	Qty.	Antenna Descriptions	Mount Type & Qty.	Transmission Lines	Owner
29	137.0	3	Antel BXA-70063-6CF - Panel	Low Profile Platform (Site Pro1 RMQP-44) w/ Handrail Kit (Site Pro1 HRK12), w/ (3) Antenna Mount Kit (Commscope BSAMNT-SBS-2-2)	(10) 1 5/8" Coax; (2) 1 5/8" Hybrid; (1) 1/2" Coax	Verizon
30		3	Samsung MT6407-77A - Panel			
31		6	Andrew JAHH-65B-R3B - Panel			
32		3	Commscope CBC78T-DS-43-2X Diplexers			
33		3	Nokia B2/B66A RRH BR049 RRU's			
34		3	Nokia B5/B13 RRH-BR04C RRU's			
35		2	RFS DB-B1-6C-12AB-0Z OVP's			

Please see the attached coax layout for the line placement considered in the analysis.

Analysis Results

The results of the structural analysis, performed for the wind and ice loading and antenna equipment as defined above, are summarized as the following:

	Pole shafts	Anchor Bolts	Base Plate	Flange Connection
Max. Usage:	**96.8%**	**92.9%**	**77.5%**	**48.9%**
Pass/Fail	**Pass**	**Pass**	**Pass**	**Pass**

Foundations

	Moment (Kip-Ft)	Shear (Kips)	Axial (Kips)
Original Design Reactions	4272.0	28.1	55.1
Analysis Reactions	5634.5	49.9	59.4

The foundation has been investigated using the supplied documents and soils report and was found adequate. Therefore, no modification to the foundation will be required.

Operational Condition (Rigidity):

Operational characteristics of the tower are found to be within the limits prescribed by TIA-222 for the installed antennas. The maximum twist/sway at the elevation of the proposed equipment is 1.6929 degrees under the operational wind speed as specified in the Analysis Criteria.

Conclusions

Based on the analysis results, the structure and its foundation will be adequate to safely support the existing and proposed equipment and meet the minimum requirements per the TIA-222-G-2 Standard, the 2015 IBC and the 2018 Connecticut State Building Code after the following pending modification is successfully completed.

- Pending modification design drawing by **TES** Job # **123611.**

Standard Conditions

1. This analysis was performed based on the information supplied to **(TES) Tower Engineering Solutions, LLC.** Verification of the information provided was not included in the Scope of Work for **TES**. The accuracy of the analysis is dependent on the accuracy of the information provided.

2. The structural analysis was performance based upon the evidence available at the time of this report. All information provided by the client is considered to be accurate.

3. The analyses will be performed based on the codes as specified by the client or based on the best knowledge of the engineering staff of **TES**. In the absence of information to the contrary, all work will be performed in accordance with the latest relevant revision of ANSI/TIA-222. If wind speed and/or ice loads are different from the minimum values recommended by the ANSI/TIA-222 standard or other codes, **TES** should be notified in writing and the applicable minimum values provided by the client.

4. The configuration of the existing mounts, antennas, coax and other appurtenances were supplied by the customer for the current structural analysis. **TES** has not visited the tower site to verify the adequacy of the information provided. If there is any discrepancy found in the report regarding the existing conditions, **TES** should be notified immediately to evaluate the effect of the discrepancy on the analysis results.

5. The client will assume responsibility for rework associated with the differences in initially provided information, including tower and foundation information, existing and/or proposed equipment and transmission lines.

6. If a feasibility analysis was performed, final acceptance of changed conditions shall be based upon a rigorous structural analysis.

Usage Diagram - Max Ratio 96.76% at 0.0ft

Structure:	CT01210-S-SBA	**Code:**	EIA/TIA-222-G	3/8/2022
Site Name:	North Stonington	**Exposure:**	C	
Height:	150.00 (ft)	**Gh:**	1.1	
Base Elev:	0.000 (ft)			Page: 1

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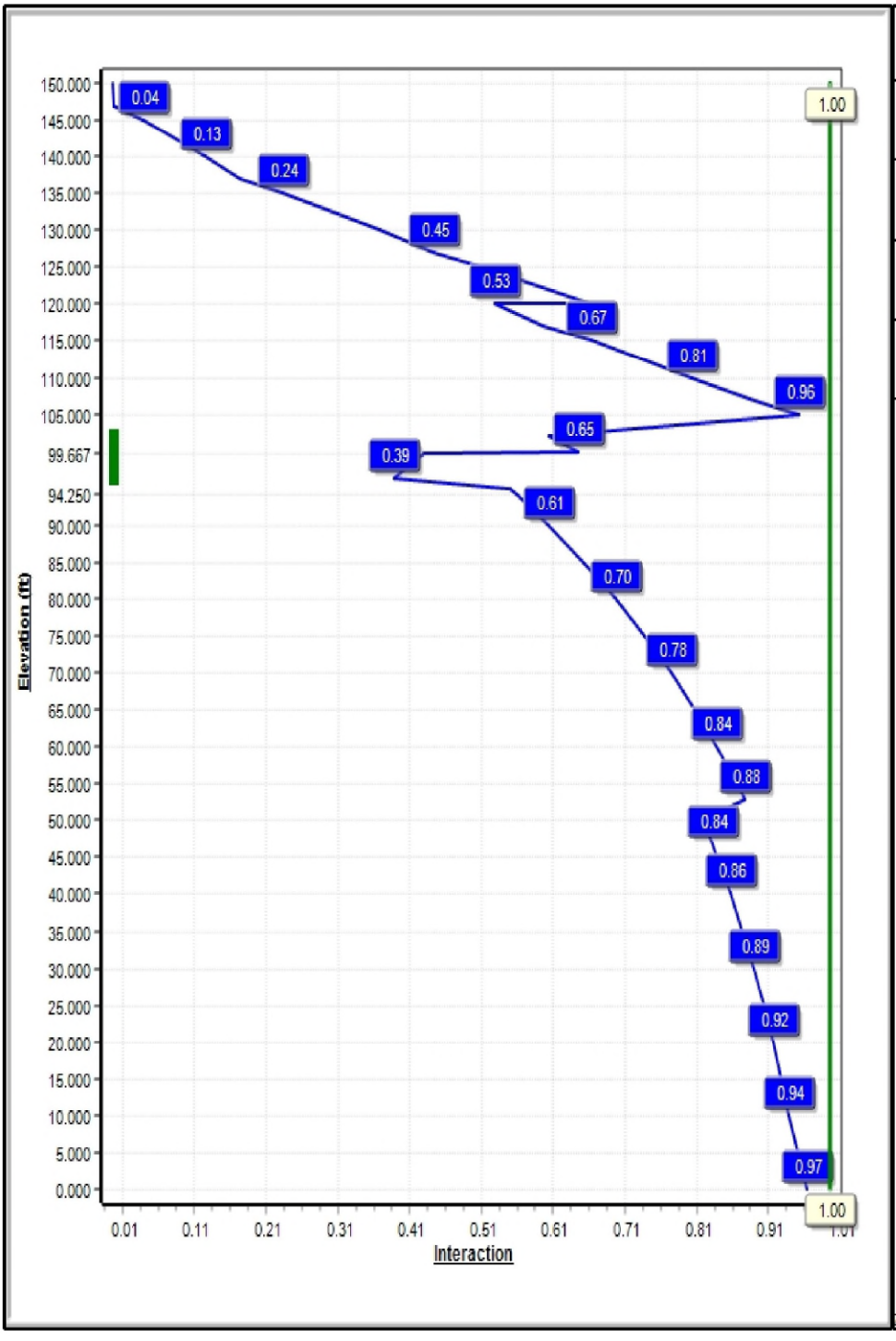
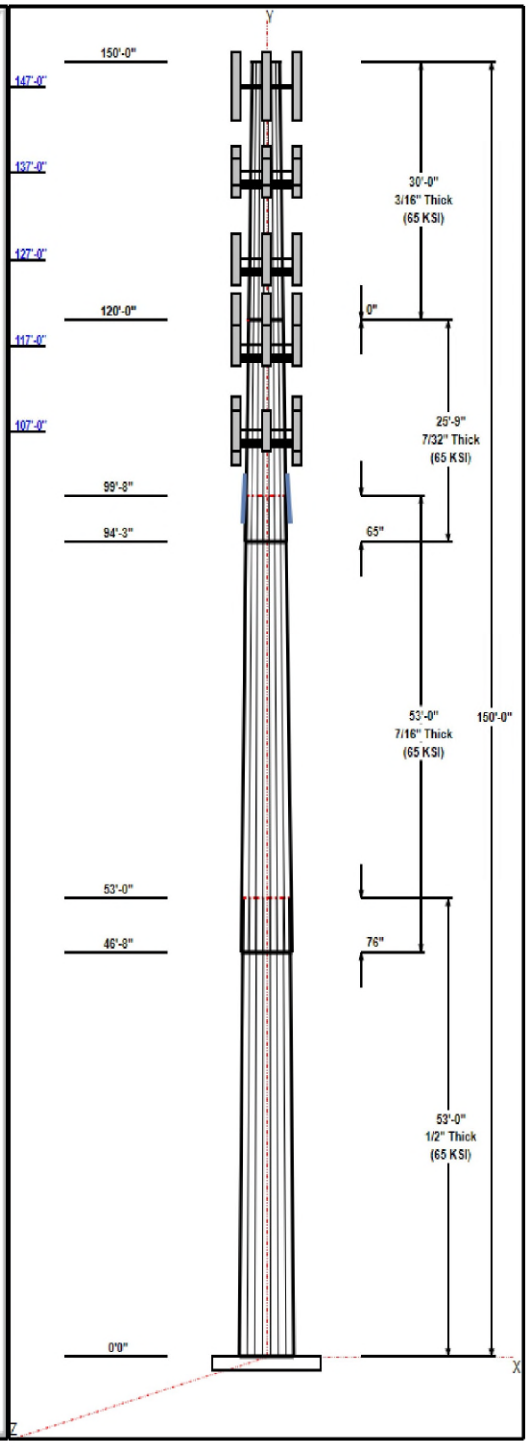
Dead Load Factor:	1.20	**Iterations:**	25
Wind Load Factor:	1.60		

Load Case : 1.2D + 1.6W 105 mph Wind





Structure: CT01210-S-SBA

Type: Tapered
Site Name: North Stonington
Height: 150.00 (ft)
Base Elev: 0.00 (ft)

Base Shape: 16 Sided
Taper: 0.18000

3/8/2022

Tower Engineering Solutions

Shaft Properties

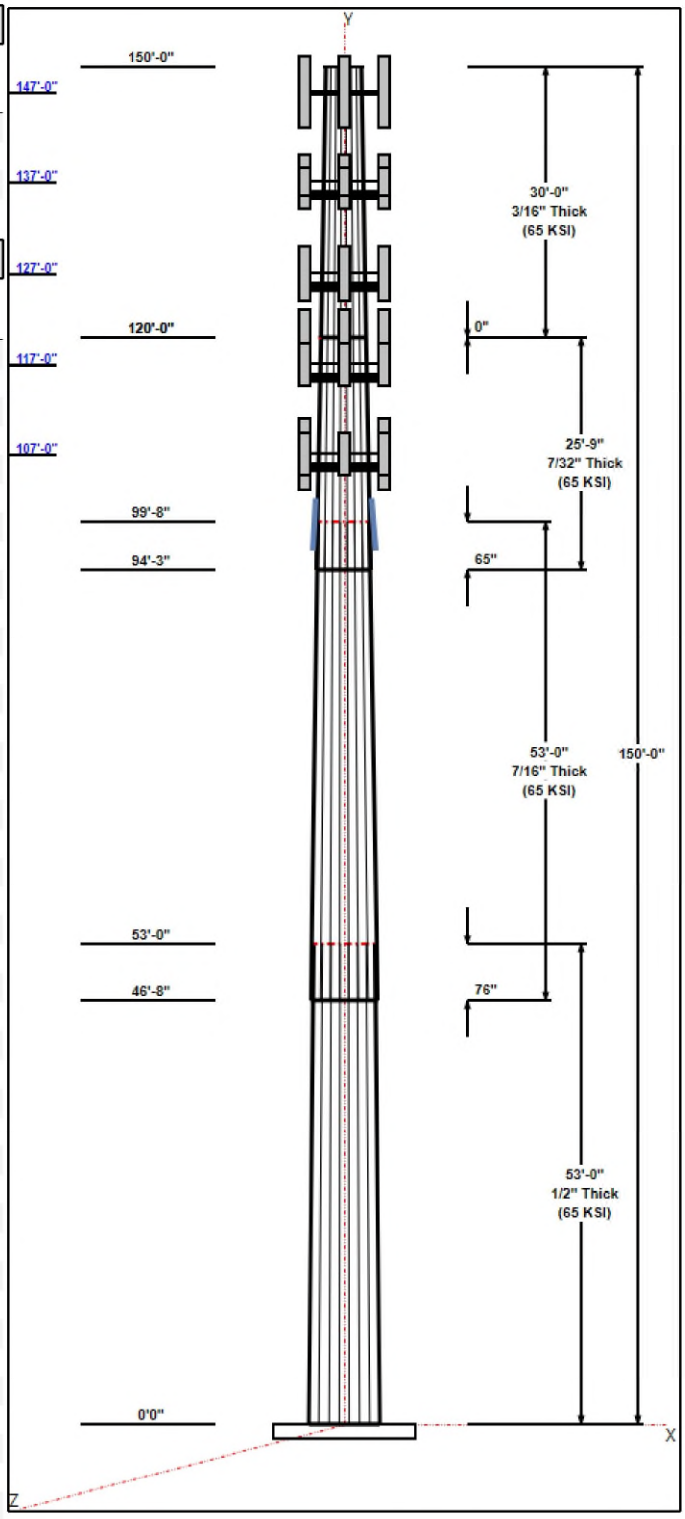
Seq	Length (ft)	Top (in)	Bottom (in)	Thick (in)	Joint Type	Taper	Grade (ksi)
1	53.00	40.46	50.00	0.500		0.18000	65
2	53.00	32.93	42.47	0.438	Slip	0.18000	65
3	25.75	29.71	34.35	0.219	Slip	0.18000	65
4	30.00	24.31	29.71	0.188	Butt	0.18000	65

Discrete Appurtenances

Attach Elev (ft)	Force Elev (ft)	Qty	Description	Carrier
150.00	153.50	1	Lightning Rod	---
147.00	147.00	3	Ericsson AIR6449 B41	T-Mobile
147.00	147.00	3	Commscope VV-65A-R1	T-Mobile
147.00	147.00	3	RFS	T-Mobile
147.00	147.00	3	Ericsson KRY 112 144/1	T-Mobile
147.00	147.00	3	Ericsson 4449 B71 + B85	T-Mobile
147.00	147.00	3	Ericsson 4460 B25 + B66	T-Mobile
147.00	147.00	1	Platform w/ Hand Rail	T-Mobile
147.00	147.00	1	Tie Back Kit (Commscope	T-Mobile
147.00	147.00	1	Rreinforcement Kit (Sitepro	T-Mobile
147.00	147.00	1	V-Brace Kit (Sitepro	T-Mobile
137.00	137.00	3	Antel BXA-70063-6CF	Verizon
137.00	137.00	3	Samsung MT6407-77A	Verizon
137.00	137.00	6	Andrew JAHH-65B-R3B	Verizon
137.00	137.00	3	Commscope	Verizon
137.00	137.00	3	Nokia B2/B66A RRH	Verizon
137.00	137.00	3	Nokia B5/B13 RRH-BR04C	Verizon
137.00	137.00	2	RFS DB-B1-6C-12AB-0Z	Verizon
137.00	137.00	1	Low Profile Platform (Site	Verizon
137.00	137.00	1	Handrail Kit (Site Pro1	Verizon
137.00	137.00	3	Mount Kit (Commscope	Verizon
127.00	127.00	3	JMA Wireless	Dish Wireless
127.00	127.00	3	Fujitsu TA08025-B605	Dish Wireless
127.00	127.00	3	Fujitsu TA08025-B604	Dish Wireless
127.00	127.00	1	Raycap	Dish Wireless
127.00	127.00	1	Platform w/HRK	Dish Wireless
117.00	117.00	3	ALU 1900 Mhz	Sprint Nextel
117.00	117.00	6	ALU 800 Mhz	Sprint Nextel
117.00	117.00	3	ALU TD-RRH8x20-25	Sprint Nextel
117.00	117.00	1	Sitepro RMQP-496-HK	Sprint Nextel
117.00	117.00	3	RFS APXVTM14-C-I20	Sprint Nextel
117.00	120.00	3	Commscope	Sprint Nextel
107.00	107.00	3	Ericsson 4449 B5/B12	AT&T
107.00	107.00	3	Ericsson RRUS 4478 B14	AT&T
107.00	107.00	3	Ericsson 8843 B2 B66A	AT&T
107.00	107.00	1	Raycap	AT&T
107.00	107.00	1	Site Pro HRK14	AT&T
107.00	107.00	6	Cci DMP65R-BU8DA	AT&T
107.00	107.00	1	Raycap DC6-48-60-18-8F	AT&T
107.00	107.00	3	Powerwave 7770	AT&T
107.00	107.00	6	Powerwave/LGP21401	AT&T
107.00	107.00	1	Low Profile Platform	AT&T

Linear Appurtenances

Elev From (ft)	Elev To (ft)	Placement	Description	Carrier



3.00	147.00	Inside	1 5/8" Coax	T-Mobile
3.00	147.00	Inside	1.90" Fiber	T-Mobile
3.00	137.00	Inside	1 5/8" Coax	Verizon
3.00	137.00	Inside	1 5/8" Hybrid	Verizon
3.00	137.00	Inside	1/2" Coax	Verizon
3.00	127.00	Inside	1.6" Hybrid	Dish Wireless
3.00	117.00	Inside	1-1/4" Fiber	Sprint Nextel
94.25	109.25	Outside	6"x1" Link Plate	TES
3.00	107.00	Inside	1 5/8" Coax	AT&T
3.00	107.00	Inside	1" DC	AT&T
3.00	107.00	Inside	1/2" Fiber Cable	AT&T
3.00	107.00	Inside	3" Coax	AT&T
3.00	107.00	Inside	3/4" DC	AT&T

Anchor Bolts

Qty	Specifications	Grade (ksi)	Arrangement
20	2.25" 18J	75.0	Radial

Base Plate

Thickness (in)	Specifications (in)	Grade (ksi)	Geometry
2.7500	64.3	60.0	Polygon

Reactions

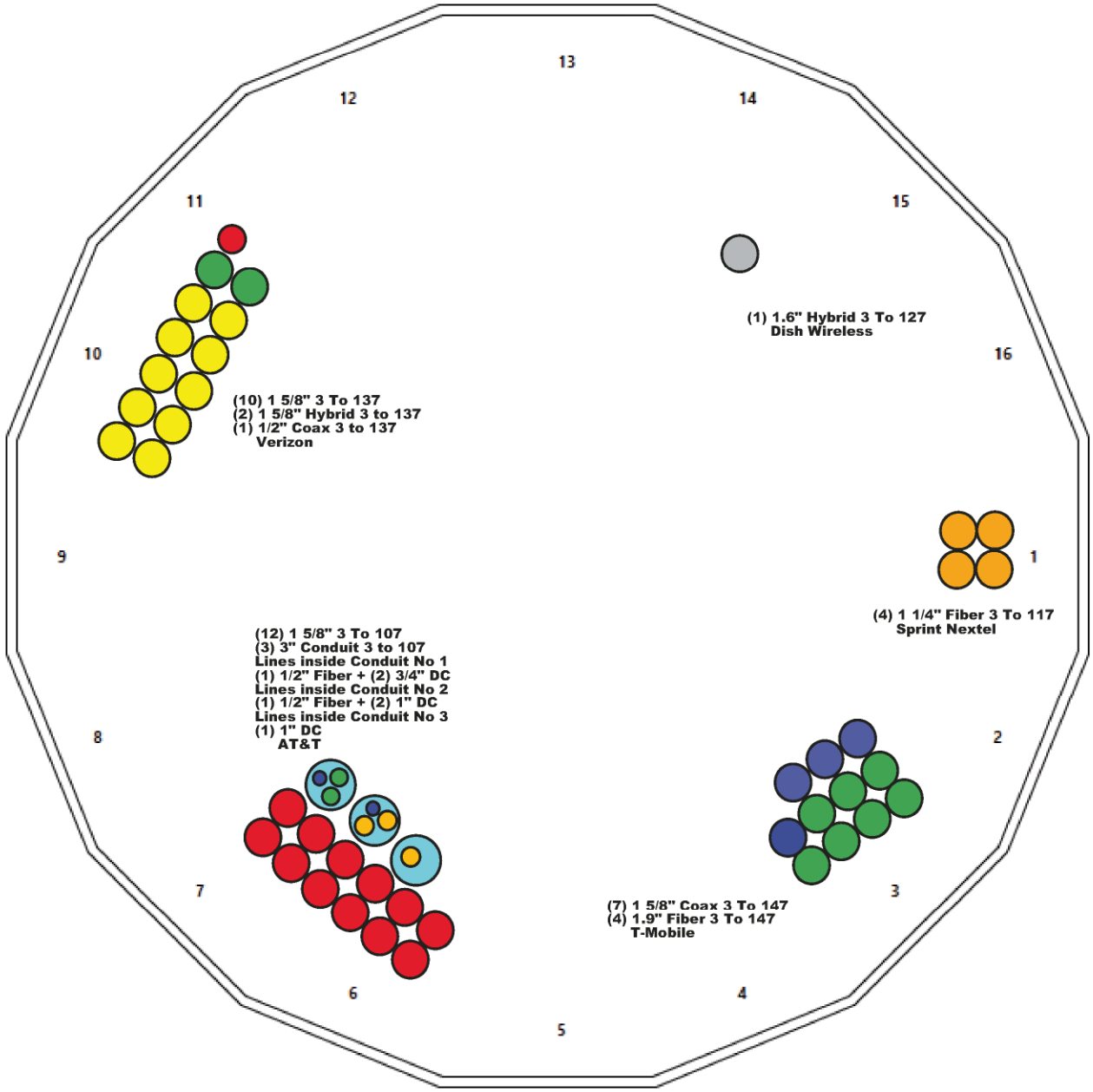
Load Case	Moment (FT-Kips)	Shear (Kips)	Axial (Kips)
1.2D + 1.6W 105 mph Wind	5634.5	49.9	59.4
0.9D + 1.6W 105 mph Wind	5555.0	49.8	44.5
1.2D + 1.0Di + 1.0Wi 50 mph Wind	1393.6	12.0	90.3
1.2D + 1.0E	152.8	1.3	59.6
0.9D + 1.0E	150.5	1.3	44.7
1.0D + 1.0W 60 mph Wind	1142.6	10.2	49.6

Structure: CT01210-S-SBA - Coax Line Placement

Type: Monopole
Site Name: North Stonington
Height: 150.00 (ft)

3/8/2022

Tower Engineering Solutions



Shaft Properties

Structure:	CT01210-S-SBA		**Code:**	TIA-222-G	3/8/2022
Site Name:	North Stonington		**Exposure:**	C	
Height:	150.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	B - Competent Rock	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 5

Tower Engineering Solutions

Sec. No.	Shape	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Overlap (in)	Weight (lb)
1	16	53.000	0.5000	65		0.00	12,867
2	16	53.000	0.4375	65	Slip	76.00	9,380
3	16	25.750	0.2188	65	Slip	65.00	1,945
4	16	30.000	0.1875	65	Flange	0.00	1,638
					Total Shaft Weight:		**25,830**

	Bottom						Top						
Sec. No.	Dia (in)	Elev (ft)	Area (sqin)	Ix (in^4)	W/t Ratio	D/t Ratio	Dia (in)	Elev (ft)	Area (sqin)	Ix (in^4)	W/t Ratio	D/t Ratio	Taper
1	50.00	0.00	78.95	24439.41	18.30	100.00	40.46	53.00	63.74	12857.1	14.50	80.92	0.180003
2	42.47	46.67	58.67	13097.52	17.72	97.09	32.93	99.67	45.35	6050.90	13.38	75.28	0.180003
3	34.35	94.25	23.82	3504.31	29.64	157.02	29.71	120.00	20.58	2261.65	25.43	135.8	0.180003
4	29.71	120.0	17.66	1944.73	29.93	158.46	24.31	150.00	14.43	1060.92	24.20	129.6	0.180003

Additional Steel

							Intermediate Connectors		Termination Connectors			
Elev From (ft)	Elev To (ft)	Qty	Description	Fy (ksi)	Fu (ksi)	Offset (in)	Description	Spacing (in)	Description	Spacing (in)	Lower Qty	Upper Qty
96.38	102.1	3	LNP LP6X100-G-10TT	65	80	0.00	5/8" Hollo Bolt	24.00	5/8" Hollo Bolt	3.00	9	9

Load Summary

Structure:	CT01210-S-SBA	**Code:**	TIA-222-G	3/8/2022	
Site Name:	North Stonington	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	B - Competent Rock		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 6	

Tower Engineering Solutions

Discrete Appurtenances

				No Ice			Ice				
No.	Elev (ft)	Description	Qty	Weight (lb)	CaAa (sf)	CaAa Factor	Weight (lb)	CaAa (sf)	CaAa Factor	Hor. Ecc. (ft)	Vert Ecc (ft)
1	150.00	Lightning Rod	1	35.00	1.05	1.00	66.41	3.424	1.00	0.00	3.50
2	147.00	Ericsson AIR6449 B41	3	103.00	5.65	0.71	239.84	6.599	0.71	0.00	0.00
3	147.00	Commscope VV-65A-R1	3	23.81	5.92	0.73	162.88	6.998	0.73	0.00	0.00
4	147.00	RFS APXVAALL24-43-U-NA20	3	122.80	20.24	0.72	549.53	22.136	0.72	0.00	0.00
5	147.00	Ericsson KRY 112 144/1 TMA's	3	11.02	0.35	0.60	21.80	0.755	0.60	0.00	0.00
6	147.00	Ericsson 4449 B71 + B85 RRU's	3	75.00	1.95	0.67	156.29	2.538	0.67	0.00	0.00
7	147.00	Ericsson 4460 B25 + B66 RRU's	3	104.00	2.14	0.67	172.47	2.645	0.67	0.00	0.00
8	147.00	Platform w/ Hand Rail	1	2000.00	40.00	1.00	4090.03	60.900	1.00	0.00	0.00
9	147.00	Tie Back Kit (Commscope	1	123.10	4.17	1.00	243.17	9.399	1.00	0.00	0.00
10	147.00	Rreinforcement Kit (Sitepro	1	517.00	9.50	1.00	877.18	19.428	1.00	0.00	0.00
11	147.00	V-Brace Kit (Sitepro PRK-SFS-L)	1	642.00	6.30	1.00	1536.53	12.884	1.00	0.00	0.00
12	137.00	Antel BXA-70063-6CF	3	17.00	7.57	0.78	163.96	10.309	0.78	0.00	0.00
13	137.00	Samsung MT6407-77A	3	79.40	4.69	0.70	197.39	5.610	0.70	0.00	0.00
14	137.00	Andrew JAHH-65B-R3B	6	64.37	9.10	0.62	231.93	10.428	0.62	0.00	0.00
15	137.00	Commscope CBC78T-DS-43-2X	3	20.72	0.56	0.60	50.32	0.894	0.60	0.00	0.00
16	137.00	Nokia B2/B66A RRH BR049 RRU's	3	38.30	1.88	0.67	75.66	2.374	0.67	0.00	0.00
17	137.00	Nokia B5/B13 RRH-BR04C RRU's	3	31.90	1.88	0.67	63.02	2.374	0.67	0.00	0.00
18	137.00	RFS DB-B1-6C-12AB-0Z OVP's	2	32.00	3.79	0.67	82.30	8.580	0.67	0.00	0.00
19	137.00	Low Profile Platform (Site Pro1	1	1671.87	33.60	1.00	3175.42	54.520	1.00	0.00	0.00
20	137.00	Handrail Kit (Site Pro1 HRK12)	1	272.43	6.75	1.00	592.82	13.287	1.00	0.00	0.00
21	137.00	Mount Kit (Commscope	3	67.46	0.09	0.50	114.13	0.152	0.50	0.00	0.00
22	127.00	JMA Wireless MX08FRO665-21	3	64.50	12.49	0.74	350.57	13.931	0.74	0.00	0.00
23	127.00	Fujitsu TA08025-B605 RRU's	3	74.95	1.96	0.67	126.36	2.512	0.67	0.00	0.00
24	127.00	Fujitsu TA08025-B604 RRU's	3	63.93	1.96	0.67	113.75	2.512	0.67	0.00	0.00
25	127.00	Raycap RDIDC-9181-PF-48 COVP	1	21.85	2.01	0.67	74.10	2.569	0.67	0.00	0.00
26	127.00	Platform w/HRK (Commscope	1	1727.00	37.59	1.00	3386.97	84.044	1.00	0.00	0.00
27	117.00	ALU 1900 Mhz	3	60.00	2.77	0.67	141.39	4.007	0.67	0.00	0.00
28	117.00	ALU 800 Mhz	6	53.00	2.49	0.67	125.15	3.606	0.67	0.00	0.00
29	117.00	ALU TD-RRH8x20-25	3	70.00	4.05	0.67	177.20	4.842	0.67	0.00	0.00
30	117.00	Sitepro RMQP-496-HK	1	2449.00	46.00	1.00	4950.49	77.324	1.00	0.00	0.00
31	117.00	RFS APXVTM14-C-I20	3	56.20	6.34	0.77	211.90	7.424	0.77	0.00	0.00
32	117.00	Commscope NNVV-65B-R4	3	77.40	12.27	0.80	355.95	13.690	0.80	0.00	3.00
33	107.00	Ericsson 4449 B5/B12	3	70.00	1.65	0.67	135.42	2.168	0.67	0.00	0.00
34	107.00	Ericsson RRUS 4478 B14	3	59.90	1.84	0.67	105.34	2.349	0.67	0.00	0.00
35	107.00	Ericsson 8843 B2 B66A	3	75.00	1.65	0.67	146.63	2.168	0.67	0.00	0.00
36	107.00	Raycap DC9-48-60-18-8C-EV	1	16.00	4.78	0.67	135.62	5.635	0.67	0.00	0.00
37	107.00	Site Pro HRK14	1	302.36	8.13	1.00	649.27	15.812	1.00	0.00	0.00
38	107.00	Cci DMP65R-BU8DA	6	39.00	13.49	1.00	376.28	36.369	1.00	0.00	0.00
39	107.00	Raycap DC6-48-60-18-8F	1	31.80	0.92	0.67	91.57	1.343	0.67	0.00	0.00
40	107.00	Powerwave 7770	3	35.00	5.50	0.73	164.70	6.527	0.73	0.00	0.00
41	107.00	Powerwave/LGP21401	6	5.50	0.27	0.60	13.65	0.654	0.60	0.00	0.00
42	107.00	Low Profile Platform	1	1500.00	22.00	1.00	2765.43	39.075	1.00	0.00	0.00
		Totals:	**109**	**16,548.50**			**39,271.05**				

Linear Appurtenances

Discrete Appurtenances

No.	Elev (ft)	Description	Qty	No Ice Weight (lb)	No Ice CaAa (sf)	No Ice CaAa Factor	Ice Weight (lb)	Ice CaAa (sf)	Ice CaAa Factor	Hor. Ecc. (ft)	Vert Ecc (ft)
Bottom Elev. (ft)	**Top Elev. (ft)**	**Description**		**Exposed Width**		**Exposed**					
3.00	147.00	(7) 1 5/8" Coax		0.00		Inside					
3.00	147.00	(4) 1.90" Fiber		0.00		Inside					
3.00	137.00	(10) 1 5/8" Coax		0.00		Inside					
3.00	137.00	(2) 1 5/8" Hybrid		0.00		Inside					
3.00	137.00	(1) 1/2" Coax		0.00		Inside					
3.00	127.00	(1) 1.6" Hybrid		0.00		Inside					
3.00	117.00	(4) 1-1/4" Fiber		0.00		Inside					
94.25	109.25	(3) 6"x1" Link Plate		1.00		Outside					
3.00	107.00	(12) 1 5/8" Coax		0.00		Inside					
3.00	107.00	(3) 1" DC		0.00		Inside					
3.00	107.00	(2) 1/2" Fiber Cable		0.00		Inside					
3.00	107.00	(3) 3" Coax		0.00		Inside					
3.00	107.00	(2) 3/4" DC		0.00		Inside					

Shaft Section Properties

Structure:	CT01210-S-SBA	**Code:**	TIA-222-G	3/8/2022	
Site Name:	North Stonington	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	B - Competent Rock		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 8	

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Increment Length: **5 (ft)**

											Additional Reinforcing			
Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Fy (ksi)	Fb (ksi)	Weight (lb)	Area (in^2)	Ixp (in^4)	Iyp (in^4)	Weight (lb)
0.00		0.5000	50.000	78.953	24439.4	18.30	100.00	65	82	0.0				
5.00		0.5000	49.100	77.517	23130.4	17.94	98.20	65	82	1331.1				
10.00		0.5000	48.200	76.081	21869.0	17.58	96.40	65	83	1306.7				
15.00		0.5000	47.300	74.646	20654.3	17.23	94.60	65	83	1282.2				
20.00		0.5000	46.400	73.210	19485.5	16.87	92.80	65	83	1257.8				
25.00		0.5000	45.500	71.775	18361.6	16.51	91.00	65	83	1233.4				
30.00		0.5000	44.600	70.339	17281.8	16.15	89.20	65	83	1209.0				
35.00		0.5000	43.700	68.904	16245.1	15.79	87.40	65	83	1184.5				
40.00		0.5000	42.800	67.468	15250.8	15.44	85.60	65	83	1160.1				
45.00		0.5000	41.900	66.033	14297.9	15.08	83.80	65	83	1135.7				
46.67	Bot - Section 2	0.5000	41.600	65.554	13989.3	14.96	83.20	65	83	373.1				
50.00		0.5000	41.000	64.597	13385.5	14.72	82.00	65	83	1398.8				
53.00	Top - Section 1	0.4375	41.335	57.077	12060.6	17.20	94.48	65	83	1241.5				
55.00		0.4375	40.975	56.575	11744.9	17.04	93.66	65	83	386.7				
60.00		0.4375	40.075	55.319	10979.8	16.63	91.60	65	83	951.9				
65.00		0.4375	39.175	54.063	10248.7	16.22	89.54	65	83	930.5				
70.00		0.4375	38.275	52.807	9550.9	15.81	87.49	65	83	909.1				
75.00		0.4375	37.375	51.551	8885.4	15.40	85.43	65	83	887.8				
80.00		0.4375	36.475	50.294	8251.6	14.99	83.37	65	83	866.4				
85.00		0.4375	35.575	49.038	7648.7	14.58	81.31	65	83	845.0				
90.00		0.4375	34.675	47.782	7075.8	14.17	79.26	65	83	823.6				
94.25	Bot - Section 3	0.4375	33.910	46.715	6612.0	13.83	77.51	65	83	683.3				
95.00		0.4375	33.775	46.526	6532.4	13.76	77.20	65	83	179.6				
96.38	RB1	0.4375	33.526	46.180	6387.4	13.65	76.63	65	83	328.6	18.00	3154.4	2385.9	84.5
99.67	Top - Section 2	0.2188	33.372	23.135	3212.5	28.75	152.56	65	70	772.9	18.00	3049.4	2306.7	201.3
100.00		0.2188	33.312	23.093	3195.1	28.70	152.28	65	70	26.2	18.00	3038.9	2292.4	20.4
102.13	RT1	0.2188	32.929	22.825	3085.3	28.35	150.53	65	70	166.4	18.00	2971.9	2242.1	130.5
105.00		0.2188	32.412	22.465	2941.4	27.88	148.17	65	71	221.2				
107.00		0.2188	32.052	22.214	2843.8	27.55	146.52	65	71	152.0				
110.00		0.2188	31.512	21.837	2701.5	27.06	144.06	65	72	224.8				
115.00		0.2188	30.612	21.209	2475.1	26.24	139.94	65	73	366.2				
117.00		0.2188	30.252	20.958	2388.2	25.92	138.30	65	73	143.5				
120.00	Top - Section 3	0.2188	29.712	20.581	2261.7	25.43	135.83	65	74	212.0				
120.00	Bot - Section 4	0.1875	29.712	17.659	1944.7	29.66	158.46	65	69					
125.00		0.1875	28.812	17.121	1772.2	28.97	153.66	65	70	295.9				
127.00		0.1875	28.452	16.906	1706.2	28.59	151.74	65	70	115.8				
130.00		0.1875	27.912	16.583	1610.3	28.02	148.86	65	71	170.9				
135.00		0.1875	27.012	16.044	1458.5	27.06	144.06	65	72	277.6				
137.00		0.1875	26.652	15.829	1400.6	26.68	142.14	65	72	108.5				
140.00		0.1875	26.112	15.506	1316.6	26.11	139.26	65	73	159.9				
145.00		0.1875	25.212	14.968	1184.1	25.16	134.46	65	74	259.2				
147.00		0.1875	24.852	14.752	1133.8	24.77	132.54	65	75	101.1				
150.00		0.1875	24.312	14.429	1060.9	24.20	129.66	65	75	148.9				
							Total Weight			**25829.7**				**436.7**

Wind Loading - Shaft

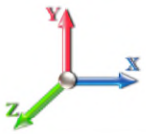
Structure:	CT01210-S-SBA	**Code:**	TIA-222-G	3/8/2022	
Site Name:	North Stonington	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	B - Competent Rock		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 9	

Tower Engineering Solutions

Load Case: 1.2D + 1.6W 105 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.60



Iterations 25

Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.85	22.791	25.07	411.26	0.750	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	22.791	25.07	403.85	0.750	0.000	5.00	21.050	15.79	633.3	0.0	1597.3
10.00		1.00	0.85	22.791	25.07	396.45	0.750	0.000	5.00	20.668	15.50	621.8	0.0	1568.0
15.00		1.00	0.85	22.791	25.07	389.05	0.750	0.000	5.00	20.286	15.21	610.3	0.0	1538.7
20.00		1.00	0.90	24.182	26.60	393.12	0.750	0.000	5.00	19.903	14.93	635.3	0.0	1509.4
25.00		1.00	0.95	25.345	27.88	394.66	0.750	0.000	5.00	19.521	14.64	653.1	0.0	1480.1
30.00		1.00	0.98	26.337	28.97	394.35	0.750	0.000	5.00	19.139	14.35	665.3	0.0	1450.7
35.00		1.00	1.01	27.206	29.93	392.71	0.750	0.000	5.00	18.756	14.07	673.6	0.0	1421.4
40.00		1.00	1.04	27.981	30.78	390.07	0.750	0.000	5.00	18.374	13.78	678.6	0.0	1392.1
45.00		1.00	1.07	28.684	31.55	386.63	0.750	0.000	5.00	17.991	13.49	681.2	0.0	1362.8
46.67	Bot - Section 2	1.00	1.08	28.904	31.79	385.33	0.750	0.000	1.67	5.912	4.43	225.6	0.0	447.8
50.00		1.00	1.09	29.327	32.26	382.54	0.750	0.000	3.33	11.945	8.96	462.4	0.0	1678.6
53.00	Top - Section 1	1.00	1.11	29.689	32.66	379.83	0.750	0.000	3.00	10.605	7.95	415.6	0.0	1489.9
55.00		1.00	1.12	29.922	32.91	386.16	0.750	0.000	2.00	6.994	5.25	276.2	0.0	464.1
60.00		1.00	1.14	30.475	33.52	381.16	0.750	0.000	5.00	17.216	12.91	692.5	0.0	1142.2
65.00		1.00	1.16	30.993	34.09	375.75	0.750	0.000	5.00	16.834	12.63	688.7	0.0	1116.6
70.00		1.00	1.17	31.480	34.63	369.99	0.750	0.000	5.00	16.451	12.34	683.6	0.0	1091.0
75.00		1.00	1.19	31.941	35.13	363.93	0.750	0.000	5.00	16.069	12.05	677.5	0.0	1065.3
80.00		1.00	1.21	32.377	35.62	357.58	0.750	0.000	5.00	15.687	11.77	670.4	0.0	1039.7
85.00		1.00	1.22	32.793	36.07	350.99	0.750	0.000	5.00	15.304	11.48	662.5	0.0	1014.0
90.00		1.00	1.24	33.190	36.51	344.18	0.750	0.000	5.00	14.922	11.19	653.8	0.0	988.4
94.25	Bot - Section 3	1.00	1.25	33.514	36.87	338.22	0.750	0.000	4.25	12.383	9.29	547.8	0.0	820.0
95.00		1.00	1.25	33.570	36.93	337.16	0.750	0.000	0.75	2.184	1.64	96.8	0.0	215.6
96.38	RB1	1.00	1.26	33.672	37.04	335.19	0.750	0.000	1.38	3.997	3.00	177.7	0.0	394.4
99.67	Top - Section 2	1.00	1.26	33.911	37.30	330.44	0.750	0.000	3.29	9.402	7.05	420.9	0.0	927.5
100.00		1.00	1.27	33.935	37.33	334.34	0.750	0.000	0.33	0.944	0.71	42.3	0.0	31.5
102.13	RT1	1.00	1.27	34.086	37.49	331.23	0.750	0.000	2.13	5.994	4.50	269.7	0.0	199.7
105.00		1.00	1.28	34.285	37.71	326.98	0.750	0.000	2.87	7.967	5.98	360.5	0.0	265.4
107.00	Appurtenance(s)	1.00	1.28	34.422	37.86	323.99	0.750	0.000	2.00	5.477	4.11	248.9	0.0	182.4
110.00		1.00	1.29	34.623	38.08	319.46	0.750	0.000	3.00	8.101	6.08	370.2	0.0	269.8
115.00		1.00	1.30	34.948	38.44	311.79	0.750	0.000	5.00	13.196	9.90	608.8	0.0	439.4
117.00	Appurtenance(s)	1.00	1.31	35.075	38.58	308.69	0.750	0.000	2.00	5.171	3.88	239.4	0.0	172.2
120.00	Top - Section 3	1.00	1.32	35.263	38.79	303.99	0.750	0.000	3.00	7.642	5.73	355.7	0.0	254.4
125.00		1.00	1.33	35.567	39.12	296.05	0.750	0.000	5.00	12.431	9.32	583.6	0.0	355.1
127.00	Appurtenance(s)	1.00	1.33	35.686	39.25	292.84	0.750	0.000	2.00	4.866	3.65	229.2	0.0	138.9
130.00		1.00	1.34	35.862	39.45	287.99	0.750	0.000	3.00	7.184	5.39	340.1	0.0	205.1
135.00		1.00	1.35	36.148	39.76	279.81	0.750	0.000	5.00	11.667	8.75	556.7	0.0	333.1
137.00	Appurtenance(s)	1.00	1.35	36.260	39.89	276.51	0.750	0.000	2.00	4.560	3.42	218.2	0.0	130.2
140.00		1.00	1.36	36.426	40.07	271.52	0.750	0.000	3.00	6.725	5.04	323.3	0.0	191.9
145.00		1.00	1.37	36.696	40.37	263.14	0.750	0.000	5.00	10.902	8.18	528.1	0.0	311.1
147.00	Appurtenance(s)	1.00	1.37	36.802	40.48	259.75	0.750	0.000	2.00	4.254	3.19	206.6	0.0	121.4
150.00	Appurtenance(s)	1.00	1.38	36.959	40.65	254.65	0.750	0.000	3.00	6.266	4.70	305.7	0.0	178.7
								Totals:	**150.00**			**18,991.5**		**30,995.6**

Discrete Appurtenance Forces

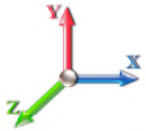
Structure:	CT01210-S-SBA	**Code:**	TIA-222-G	3/8/2022	
Site Name:	North Stonington	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	B - Competent Rock		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 10	

Tower Engineering Solutions

Load Case: 1.2D + 1.6W 105 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.60



Iterations 25

No.	Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orient Factor x Ka	Ka	Total CaAa (sf)	Dead Load (lb)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)
1	150.00	Lightning Rod	1	37.139	40.852	1.00	1.00	1.05	42.00	0.000	3.500	68.63	0.00	240.21
2	147.00	Ericsson 4449 B71 + B85	3	36.802	40.482	0.50	0.75	2.94	270.00	0.000	0.000	190.40	0.00	0.00
3	147.00	Commscope VV-65A-R1	3	36.802	40.482	0.55	0.75	9.72	85.72	0.000	0.000	629.81	0.00	0.00
4	147.00	RFS	3	36.802	40.482	0.54	0.75	32.79	442.08	0.000	0.000	2123.77	0.00	0.00
5	147.00	Ericsson KRY 112 144/1	3	36.802	40.482	0.45	0.75	0.47	39.67	0.000	0.000	30.60	0.00	0.00
6	147.00	Ericsson AIR6449 B41	3	36.802	40.482	0.53	0.75	9.03	370.80	0.000	0.000	584.62	0.00	0.00
7	147.00	Platform w/ Hand Rail	1	36.802	40.482	1.00	1.00	40.00	2400.00	0.000	0.000	2590.85	0.00	0.00
8	147.00	Tie Back Kit (Commscope	1	36.802	40.482	1.00	1.00	4.17	147.72	0.000	0.000	270.10	0.00	0.00
9	147.00	Rreinforcement Kit	1	36.802	40.482	1.00	1.00	9.50	620.40	0.000	0.000	615.33	0.00	0.00
10	147.00	V-Brace Kit (Sitepro	1	36.802	40.482	1.00	1.00	6.30	770.40	0.000	0.000	408.06	0.00	0.00
11	147.00	Ericsson 4460 B25 + B66	3	36.802	40.482	0.50	0.75	3.23	374.40	0.000	0.000	208.96	0.00	0.00
12	137.00	Nokia B2/B66A RRH	3	36.260	39.886	0.50	0.75	2.83	137.88	0.000	0.000	180.87	0.00	0.00
13	137.00	Antel BXA-70063-6CF	3	36.260	39.886	0.58	0.75	13.29	61.20	0.000	0.000	847.84	0.00	0.00
14	137.00	Samsung MT6407-77A	3	36.260	39.886	0.52	0.75	7.39	285.84	0.000	0.000	471.41	0.00	0.00
15	137.00	Andrew JAHH-65B-R3B	6	36.260	39.886	0.46	0.75	25.39	463.46	0.000	0.000	1620.27	0.00	0.00
16	137.00	Commscope	3	36.260	39.886	0.45	0.75	0.76	74.59	0.000	0.000	48.25	0.00	0.00
17	137.00	Low Profile Platform (Site	1	36.260	39.886	1.00	1.00	33.60	2006.24	0.000	0.000	2144.27	0.00	0.00
18	137.00	Nokia B5/B13	3	36.260	39.886	0.50	0.75	2.83	114.84	0.000	0.000	180.87	0.00	0.00
19	137.00	RFS DB-B1-6C-12AB-0Z	2	36.260	39.886	0.50	0.75	3.81	76.80	0.000	0.000	243.08	0.00	0.00
20	137.00	Handrail Kit (Site Pro1	1	36.260	39.886	1.00	1.00	6.75	326.92	0.000	0.000	430.77	0.00	0.00
21	137.00	Mount Kit (Commscope	3	36.260	39.886	0.38	0.75	0.10	242.86	0.000	0.000	6.46	0.00	0.00
22	127.00	Platform w/HRK	1	35.686	39.255	1.00	1.00	37.59	2072.40	0.000	0.000	2360.93	0.00	0.00
23	127.00	Fujitsu TA08025-B604	3	35.686	39.255	0.50	0.75	2.95	230.15	0.000	0.000	185.58	0.00	0.00
24	127.00	Fujitsu TA08025-B605	3	35.686	39.255	0.50	0.75	2.95	269.82	0.000	0.000	185.58	0.00	0.00
25	127.00	JMA Wireless	3	35.686	39.255	0.55	0.75	20.80	232.20	0.000	0.000	1306.13	0.00	0.00
26	127.00	Raycap	1	35.686	39.255	0.50	0.75	1.01	26.22	0.000	0.000	63.44	0.00	0.00
27	117.00	ALU TD-RRH8x20-25	3	35.075	38.583	0.50	0.75	6.11	252.00	0.000	0.000	376.90	0.00	0.00
28	117.00	ALU 800 Mhz	6	35.075	38.583	0.50	0.75	7.51	381.60	0.000	0.000	463.45	0.00	0.00
29	117.00	ALU 1900 Mhz	3	35.075	38.583	0.50	0.75	4.18	216.00	0.000	0.000	257.78	0.00	0.00
30	117.00	RFS APXVTM14-C-I20	3	35.075	38.583	0.58	0.75	10.98	202.32	0.000	0.000	678.07	0.00	0.00
31	117.00	Commscope	3	35.263	38.789	0.60	0.75	22.09	278.64	0.000	3.000	1370.71	0.00	4112.12
32	117.00	Sitepro RMQP-496-HK	1	35.075	38.583	1.00	1.00	46.00	2938.80	0.000	0.000	2839.69	0.00	0.00
33	107.00	Site Pro HRK14	1	34.422	37.864	1.00	1.00	8.13	362.83	0.000	0.000	492.53	0.00	0.00
34	107.00	Ericsson 4449 B5/B12	3	34.422	37.864	0.50	0.75	2.49	252.00	0.000	0.000	150.69	0.00	0.00
35	107.00	Ericsson RRUS 4478 B14	3	34.422	37.864	0.50	0.75	2.77	215.64	0.000	0.000	168.04	0.00	0.00
36	107.00	Ericsson 8843 B2 B66A	3	34.422	37.864	0.50	0.75	2.49	270.00	0.000	0.000	150.69	0.00	0.00
37	107.00	Raycap	1	34.422	37.864	0.50	0.75	2.40	19.20	0.000	0.000	145.51	0.00	0.00
38	107.00	Raycap DC6-48-60-18-8F	1	34.422	37.864	0.50	0.75	0.46	38.16	0.000	0.000	28.01	0.00	0.00
39	107.00	Cci DMP65R-BU8DA	6	34.422	37.864	0.75	0.75	60.70	280.80	0.000	0.000	3677.63	0.00	0.00
40	107.00	Powerwave 7770	3	34.422	37.864	0.55	0.75	9.03	126.00	0.000	0.000	547.28	0.00	0.00
41	107.00	Powerwave/LGP21401	6	34.422	37.864	0.45	0.75	0.73	39.60	0.000	0.000	44.16	0.00	0.00
42	107.00	Low Profile Platform	1	34.422	37.864	1.00	1.00	22.00	1800.00	0.000	0.000	1332.80	0.00	0.00
							Totals:		**19,858.20**			**30,720.81**		

Total Applied Force Summary

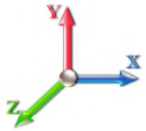
Structure:	CT01210-S-SBA		**Code:**	TIA-222-G	3/8/2022
Site Name:	North Stonington		**Exposure:**	C	
Height:	150.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	B - Competent Rock	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 11

Tower Engineering Solutions

Load Case: 1.2D + 1.6W 105 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.60



Iterations 25

Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
5.00		633.28	1722.13	0.00	0.00
10.00		621.77	1880.08	0.00	0.00
15.00		610.27	1850.77	0.00	0.00
20.00		635.32	1821.46	0.00	0.00
25.00		653.08	1792.15	0.00	0.00
30.00		665.35	1762.85	0.00	0.00
35.00		673.56	1733.54	0.00	0.00
40.00		678.64	1704.23	0.00	0.00
45.00		681.21	1674.92	0.00	0.00
46.67		225.57	551.79	0.00	0.00
50.00		462.40	1886.66	0.00	0.00
53.00		415.61	1677.11	0.00	0.00
55.00		276.22	588.92	0.00	0.00
60.00		692.55	1454.34	0.00	0.00
65.00		688.67	1428.70	0.00	0.00
70.00		683.62	1403.05	0.00	0.00
75.00		677.50	1377.41	0.00	0.00
80.00		670.42	1351.76	0.00	0.00
85.00		662.48	1326.12	0.00	0.00
90.00		653.75	1300.47	0.00	0.00
94.25		547.81	1085.24	0.00	0.00
95.00		96.80	317.51	0.00	0.00
96.38		177.65	581.96	0.00	0.00
99.67		420.85	1374.23	0.00	0.00
100.00		42.30	76.77	0.00	0.00
102.13		269.69	489.22	0.00	0.00
105.00		360.55	655.51	0.00	0.00
107.00	(28) attachments	6986.23	3858.53	0.00	0.00
110.00		370.24	543.49	0.00	0.00
115.00		608.76	619.88	0.00	0.00
117.00	(19) attachments	6226.02	4513.72	0.00	4112.12
120.00		355.73	348.96	0.00	0.00
125.00		583.63	512.61	0.00	0.00
127.00	(11) attachments	4330.85	3032.75	0.00	0.00
130.00		340.05	293.10	0.00	0.00
135.00		556.68	479.71	0.00	0.00
137.00	(28) attachments	6392.31	3979.44	0.00	0.00
140.00		323.34	233.98	0.00	0.00
145.00		528.08	381.17	0.00	0.00
147.00	(22) attachments	7859.14	5670.58	0.00	0.00
150.00	(1) attachments	374.32	220.74	0.00	240.21
	Totals:	**49,712.30**	**59,557.57**	**0.00**	**4,352.33**

Linear Appurtenance Segment Forces (Factored)

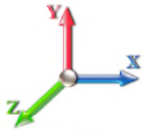
Structure:	CT01210-S-SBA	**Code:**	TIA-222-G	3/8/2022	
Site Name:	North Stonington	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	B - Competent Rock		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 12	

Tower Engineering Solutions

Load Case: 1.2D + 1.6W 105 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.60



Iterations 25

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
95.00	6"x1" Link Plate	Yes	0.75	0.000	1.00	0.06	0.00	0.029	0.000	33.570	0.00	55.13
96.38	6"x1" Link Plate	Yes	1.38	0.000	1.00	0.11	0.00	0.029	0.000	33.672	0.00	101.45
99.67	6"x1" Link Plate	Yes	3.29	0.000	1.00	0.27	0.00	0.030	0.000	33.911	0.00	241.61
100.00	6"x1" Link Plate	Yes	0.33	0.000	1.00	0.03	0.00	0.029	0.000	33.935	0.00	24.50
102.13	6"x1" Link Plate	Yes	2.13	0.000	1.00	0.18	0.00	0.030	0.000	34.086	0.00	156.58
105.00	6"x1" Link Plate	Yes	2.87	0.000	1.00	0.24	0.00	0.030	0.000	34.285	0.00	210.98
107.00	6"x1" Link Plate	Yes	2.00	0.000	1.00	0.17	0.00	0.030	0.000	34.422	0.00	147.02
110.00	6"x1" Link Plate	Yes	2.25	0.000	1.00	0.19	0.00	0.023	0.000	34.623	0.00	165.40
										Totals:	**0.0**	**1,102.7**

Calculated Forces

Structure:	CT01210-S-SBA	**Code:**	TIA-222-G	3/8/2022	
Site Name:	North Stonington	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	B - Competent Rock		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 13	

Tower Engineering Solutions

Load Case: 1.2D + 1.6W 105 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.60

Iterations 25

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-59.41	-49.88	0.00	-5634.4	0.00	5634.49	5817.07	2908.54	11858.0	5886.84	0.00	0.000	0.000	0.968
5.00	-57.42	-49.57	0.00	-5385.0	0.00	5385.08	5739.57	2869.78	11485.2	5701.74	0.17	-0.321	0.000	0.955
10.00	-55.26	-49.24	0.00	-5137.2	0.00	5137.25	5652.47	2826.24	11099.3	5510.17	0.68	-0.644	0.000	0.942
15.00	-53.14	-48.91	0.00	-4891.0	0.00	4891.03	5545.82	2772.91	10682.2	5303.14	1.53	-0.970	0.000	0.932
20.00	-51.06	-48.54	0.00	-4646.4	0.00	4646.48	5439.17	2719.58	10273.2	5100.07	2.72	-1.299	0.000	0.921
25.00	-49.00	-48.12	0.00	-4403.8	0.00	4403.81	5332.51	2666.26	9872.18	4900.97	4.26	-1.629	0.000	0.908
30.00	-46.99	-47.67	0.00	-4163.2	0.00	4163.21	5225.86	2612.93	9479.11	4705.83	6.14	-1.961	0.000	0.894
35.00	-45.01	-47.20	0.00	-3924.8	0.00	3924.85	5119.21	2559.60	9094.03	4514.66	8.38	-2.294	0.000	0.878
40.00	-43.06	-46.70	0.00	-3688.8	0.00	3688.86	5012.56	2506.28	8716.92	4327.45	10.96	-2.627	0.000	0.861
45.00	-41.24	-46.10	0.00	-3455.3	0.00	3455.37	4905.90	2452.95	8347.81	4144.20	13.89	-2.960	0.000	0.843
46.67	-40.57	-45.96	0.00	-3378.5	0.00	3378.55	4870.35	2435.18	8226.55	4084.00	14.94	-3.074	0.000	0.836
50.00	-38.54	-45.54	0.00	-3225.3	0.00	3225.34	4799.25	2399.63	7986.68	3964.92	17.16	-3.298	0.000	0.822
53.00	-36.76	-45.13	0.00	-3088.7	0.00	3088.73	4240.56	2120.28	7137.82	3543.51	19.30	-3.499	0.000	0.881
55.00	-36.00	-44.97	0.00	-2998.4	0.00	2998.47	4203.23	2101.62	7012.05	3481.07	20.79	-3.634	0.000	0.870
60.00	-34.33	-44.39	0.00	-2773.6	0.00	2773.60	4109.91	2054.96	6702.51	3327.41	24.79	-3.983	0.000	0.842
65.00	-32.69	-43.80	0.00	-2551.6	0.00	2551.63	4016.59	2008.29	6399.97	3177.21	29.14	-4.328	0.000	0.812
70.00	-31.09	-43.19	0.00	-2332.6	0.00	2332.64	3923.27	1961.63	6104.41	3030.48	33.85	-4.667	0.000	0.778
75.00	-29.53	-42.57	0.00	-2116.6	0.00	2116.68	3829.95	1914.97	5815.84	2887.23	38.91	-4.998	0.000	0.741
80.00	-28.02	-41.94	0.00	-1903.8	0.00	1903.84	3736.63	1868.31	5534.25	2747.44	44.31	-5.320	0.000	0.701
85.00	-26.54	-41.29	0.00	-1694.1	0.00	1694.17	3643.31	1821.65	5259.66	2611.12	50.04	-5.630	0.000	0.657
90.00	-25.13	-40.63	0.00	-1487.7	0.00	1487.72	3549.99	1774.99	4992.05	2478.26	56.09	-5.926	0.000	0.608
94.25	-24.01	-40.03	0.00	-1315.0	0.00	1315.06	3470.66	1735.33	4770.08	2368.07	61.47	-6.166	0.000	0.563
95.00	-23.66	-39.92	0.00	-1285.0	0.00	1285.05	3456.66	1728.33	4731.43	2348.88	62.44	-6.208	0.000	0.554
96.38	-23.03	-39.72	0.00	-1229.9	0.00	1229.96	3430.91	1715.45	4660.73	2313.78	64.24	-6.283	0.000	0.392
99.67	-21.67	-39.17	0.00	-1099.4	0.00	1099.42	1458.24	729.12	1997.89	991.83	68.60	-6.407	0.000	0.434
100.00	-21.55	-39.15	0.00	-1086.3	0.00	1086.36	1456.89	728.44	1992.39	989.11	69.05	-6.420	0.000	0.650
102.13	-21.01	-38.87	0.00	-1002.9	0.00	1002.97	1448.11	724.06	1957.30	971.68	71.94	-6.535	0.000	0.608
102.13	-21.01	-38.87	0.00	-1002.9	0.00	1002.97	1448.11	724.06	1957.30	971.68	71.94	-6.535	0.000	0.608
105.00	-20.29	-38.50	0.00	-891.41	0.00	891.41	1435.99	717.99	1910.05	948.23	75.90	-6.680	0.000	0.957
107.00	-17.18	-31.16	0.00	-814.42	0.00	814.42	1427.33	713.67	1877.17	931.90	78.73	-6.845	0.000	0.888
110.00	-16.53	-30.81	0.00	-720.93	0.00	720.93	1414.04	707.02	1827.92	907.46	83.10	-7.075	0.000	0.808
115.00	-15.87	-30.19	0.00	-566.87	0.00	566.87	1391.05	695.52	1746.12	866.85	90.68	-7.414	0.000	0.667
117.00	-12.15	-23.46	0.00	-502.37	0.00	502.37	1381.56	690.78	1713.52	850.66	93.80	-7.538	0.000	0.601
120.00	-11.76	-23.11	0.00	-431.98	0.00	431.98	1367.01	683.50	1664.77	826.46	98.58	-7.705	0.000	0.532
120.00	-11.76	-23.11	0.00	-431.98	0.00	431.98	1091.99	545.99	1332.66	661.59	98.58	-7.705	0.000	0.666
125.00	-11.27	-22.49	0.00	-316.45	0.00	316.45	1075.35	537.67	1272.10	631.52	106.76	-7.940	0.000	0.513
127.00	-8.84	-17.80	0.00	-271.47	0.00	271.47	1068.40	534.20	1247.88	619.50	110.10	-8.034	0.000	0.448
130.00	-8.55	-17.44	0.00	-218.08	0.00	218.08	1057.66	528.83	1211.58	601.48	115.17	-8.157	0.000	0.372
135.00	-8.13	-16.83	0.00	-130.88	0.00	130.88	1038.92	519.46	1151.22	571.51	123.77	-8.311	0.000	0.238
137.00	-5.11	-9.94	0.00	-97.21	0.00	97.21	1031.13	515.57	1127.15	559.57	127.25	-8.356	0.000	0.179
140.00	-4.92	-9.59	0.00	-67.40	0.00	67.40	1019.14	509.57	1091.15	541.69	132.50	-8.406	0.000	0.130
145.00	-4.62	-9.01	0.00	-19.47	0.00	19.47	998.31	499.16	1031.47	512.07	141.30	-8.453	0.000	0.043
147.00	-0.16	-0.40	0.00	-1.45	0.00	1.45	989.69	494.84	1007.74	500.29	144.84	-8.458	0.000	0.003
150.00	0.00	-0.37	0.00	-0.24	0.00	0.24	976.44	488.22	972.32	482.70	150.13	-8.458	0.000	0.000

Wind Loading - Shaft

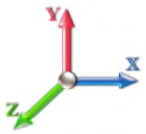
Structure:	CT01210-S-SBA	**Code:**	TIA-222-G	3/8/2022	
Site Name:	North Stonington	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	B - Competent Rock		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 14	

Tower Engineering Solutions

Load Case: 0.9D + 1.6W 105 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.60



Iterations 24

Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.85	22.791	25.07	411.26	0.750	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	22.791	25.07	403.85	0.750	0.000	5.00	21.050	15.79	633.3	0.0	1198.0
10.00		1.00	0.85	22.791	25.07	396.45	0.750	0.000	5.00	20.668	15.50	621.8	0.0	1176.0
15.00		1.00	0.85	22.791	25.07	389.05	0.750	0.000	5.00	20.286	15.21	610.3	0.0	1154.0
20.00		1.00	0.90	24.182	26.60	393.12	0.750	0.000	5.00	19.903	14.93	635.3	0.0	1132.0
25.00		1.00	0.95	25.345	27.88	394.66	0.750	0.000	5.00	19.521	14.64	653.1	0.0	1110.0
30.00		1.00	0.98	26.337	28.97	394.35	0.750	0.000	5.00	19.139	14.35	665.3	0.0	1088.1
35.00		1.00	1.01	27.206	29.93	392.71	0.750	0.000	5.00	18.756	14.07	673.6	0.0	1066.1
40.00		1.00	1.04	27.981	30.78	390.07	0.750	0.000	5.00	18.374	13.78	678.6	0.0	1044.1
45.00		1.00	1.07	28.684	31.55	386.63	0.750	0.000	5.00	17.991	13.49	681.2	0.0	1022.1
46.67	Bot - Section 2	1.00	1.08	28.904	31.79	385.33	0.750	0.000	1.67	5.912	4.43	225.6	0.0	335.8
50.00		1.00	1.09	29.327	32.26	382.54	0.750	0.000	3.33	11.945	8.96	462.4	0.0	1258.9
53.00	Top - Section 1	1.00	1.11	29.689	32.66	379.83	0.750	0.000	3.00	10.605	7.95	415.6	0.0	1117.4
55.00		1.00	1.12	29.922	32.91	386.16	0.750	0.000	2.00	6.994	5.25	276.2	0.0	348.1
60.00		1.00	1.14	30.475	33.52	381.16	0.750	0.000	5.00	17.216	12.91	692.5	0.0	856.7
65.00		1.00	1.16	30.993	34.09	375.75	0.750	0.000	5.00	16.834	12.63	688.7	0.0	837.5
70.00		1.00	1.17	31.480	34.63	369.99	0.750	0.000	5.00	16.451	12.34	683.6	0.0	818.2
75.00		1.00	1.19	31.941	35.13	363.93	0.750	0.000	5.00	16.069	12.05	677.5	0.0	799.0
80.00		1.00	1.21	32.377	35.62	357.58	0.750	0.000	5.00	15.687	11.77	670.4	0.0	779.8
85.00		1.00	1.22	32.793	36.07	350.99	0.750	0.000	5.00	15.304	11.48	662.5	0.0	760.5
90.00		1.00	1.24	33.190	36.51	344.18	0.750	0.000	5.00	14.922	11.19	653.8	0.0	741.3
94.25	Bot - Section 3	1.00	1.25	33.514	36.87	338.22	0.750	0.000	4.25	12.383	9.29	547.8	0.0	615.0
95.00		1.00	1.25	33.570	36.93	337.16	0.750	0.000	0.75	2.184	1.64	96.8	0.0	161.7
96.38	RB1	1.00	1.26	33.672	37.04	335.19	0.750	0.000	1.38	3.997	3.00	177.7	0.0	295.8
99.67	Top - Section 2	1.00	1.26	33.911	37.30	330.44	0.750	0.000	3.29	9.402	7.05	420.9	0.0	695.6
100.00		1.00	1.27	33.935	37.33	334.34	0.750	0.000	0.33	0.944	0.71	42.3	0.0	23.6
102.13	RT1	1.00	1.27	34.086	37.49	331.23	0.750	0.000	2.13	5.994	4.50	269.7	0.0	149.8
105.00		1.00	1.28	34.285	37.71	326.98	0.750	0.000	2.87	7.967	5.98	360.5	0.0	199.0
107.00	Appurtenance(s)	1.00	1.28	34.422	37.86	323.99	0.750	0.000	2.00	5.477	4.11	248.9	0.0	136.8
110.00		1.00	1.29	34.623	38.08	319.46	0.750	0.000	3.00	8.101	6.08	370.2	0.0	202.4
115.00		1.00	1.30	34.948	38.44	311.79	0.750	0.000	5.00	13.196	9.90	608.8	0.0	329.6
117.00	Appurtenance(s)	1.00	1.31	35.075	38.58	308.69	0.750	0.000	2.00	5.171	3.88	239.4	0.0	129.1
120.00	Top - Section 3	1.00	1.32	35.263	38.79	303.99	0.750	0.000	3.00	7.642	5.73	355.7	0.0	190.8
125.00		1.00	1.33	35.567	39.12	296.05	0.750	0.000	5.00	12.431	9.32	583.6	0.0	266.3
127.00	Appurtenance(s)	1.00	1.33	35.686	39.25	292.84	0.750	0.000	2.00	4.866	3.65	229.2	0.0	104.2
130.00		1.00	1.34	35.862	39.45	287.99	0.750	0.000	3.00	7.184	5.39	340.1	0.0	153.8
135.00		1.00	1.35	36.148	39.76	279.81	0.750	0.000	5.00	11.667	8.75	556.7	0.0	249.8
137.00	Appurtenance(s)	1.00	1.35	36.260	39.89	276.51	0.750	0.000	2.00	4.560	3.42	218.2	0.0	97.6
140.00		1.00	1.36	36.426	40.07	271.52	0.750	0.000	3.00	6.725	5.04	323.3	0.0	143.9
145.00		1.00	1.37	36.696	40.37	263.14	0.750	0.000	5.00	10.902	8.18	528.1	0.0	233.3
147.00	Appurtenance(s)	1.00	1.37	36.802	40.48	259.75	0.750	0.000	2.00	4.254	3.19	206.6	0.0	91.0
150.00	Appurtenance(s)	1.00	1.38	36.959	40.65	254.65	0.750	0.000	3.00	6.266	4.70	305.7	0.0	134.1
								Totals:	**150.00**			**18,991.5**		**23,246.7**

Discrete Appurtenance Forces

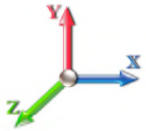
Structure:	CT01210-S-SBA	**Code:**	TIA-222-G	3/8/2022	
Site Name:	North Stonington	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	B - Competent Rock		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 15	

Tower Engineering Solutions

Load Case: 0.9D + 1.6W 105 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.60



Iterations 24

No.	Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orient Factor x Ka	Ka	Total CaAa (sf)	Dead Load (lb)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)
1	150.00	Lightning Rod	1	37.139	40.852	1.00	1.00	1.05	31.50	0.000	3.500	68.63	0.00	240.21
2	147.00	Ericsson 4449 B71 + B85	3	36.802	40.482	0.50	0.75	2.94	202.50	0.000	0.000	190.40	0.00	0.00
3	147.00	Commscope VV-65A-R1	3	36.802	40.482	0.55	0.75	9.72	64.29	0.000	0.000	629.81	0.00	0.00
4	147.00	RFS	3	36.802	40.482	0.54	0.75	32.79	331.56	0.000	0.000	2123.77	0.00	0.00
5	147.00	Ericsson KRY 112 144/1	3	36.802	40.482	0.45	0.75	0.47	29.75	0.000	0.000	30.60	0.00	0.00
6	147.00	Ericsson AIR6449 B41	3	36.802	40.482	0.53	0.75	9.03	278.10	0.000	0.000	584.62	0.00	0.00
7	147.00	Platform w/ Hand Rail	1	36.802	40.482	1.00	1.00	40.00	1800.00	0.000	0.000	2590.85	0.00	0.00
8	147.00	Tie Back Kit (Commscope	1	36.802	40.482	1.00	1.00	4.17	110.79	0.000	0.000	270.10	0.00	0.00
9	147.00	Rreinforcement Kit	1	36.802	40.482	1.00	1.00	9.50	465.30	0.000	0.000	615.33	0.00	0.00
10	147.00	V-Brace Kit (Sitepro	1	36.802	40.482	1.00	1.00	6.30	577.80	0.000	0.000	408.06	0.00	0.00
11	147.00	Ericsson 4460 B25 + B66	3	36.802	40.482	0.50	0.75	3.23	280.80	0.000	0.000	208.96	0.00	0.00
12	137.00	Nokia B2/B66A RRH	3	36.260	39.886	0.50	0.75	2.83	103.41	0.000	0.000	180.87	0.00	0.00
13	137.00	Antel BXA-70063-6CF	3	36.260	39.886	0.58	0.75	13.29	45.90	0.000	0.000	847.84	0.00	0.00
14	137.00	Samsung MT6407-77A	3	36.260	39.886	0.52	0.75	7.39	214.38	0.000	0.000	471.41	0.00	0.00
15	137.00	Andrew JAHH-65B-R3B	6	36.260	39.886	0.46	0.75	25.39	347.60	0.000	0.000	1620.27	0.00	0.00
16	137.00	Commscope	3	36.260	39.886	0.45	0.75	0.76	55.94	0.000	0.000	48.25	0.00	0.00
17	137.00	Low Profile Platform (Site	1	36.260	39.886	1.00	1.00	33.60	1504.68	0.000	0.000	2144.27	0.00	0.00
18	137.00	Nokia B5/B13	3	36.260	39.886	0.50	0.75	2.83	86.13	0.000	0.000	180.87	0.00	0.00
19	137.00	RFS DB-B1-6C-12AB-0Z	2	36.260	39.886	0.50	0.75	3.81	57.60	0.000	0.000	243.08	0.00	0.00
20	137.00	Handrail Kit (Site Pro1	1	36.260	39.886	1.00	1.00	6.75	245.19	0.000	0.000	430.77	0.00	0.00
21	137.00	Mount Kit (Commscope	3	36.260	39.886	0.38	0.75	0.10	182.14	0.000	0.000	6.46	0.00	0.00
22	127.00	Platform w/HRK	1	35.686	39.255	1.00	1.00	37.59	1554.30	0.000	0.000	2360.93	0.00	0.00
23	127.00	Fujitsu TA08025-B604	3	35.686	39.255	0.50	0.75	2.95	172.61	0.000	0.000	185.58	0.00	0.00
24	127.00	Fujitsu TA08025-B605	3	35.686	39.255	0.50	0.75	2.95	202.37	0.000	0.000	185.58	0.00	0.00
25	127.00	JMA Wireless	3	35.686	39.255	0.55	0.75	20.80	174.15	0.000	0.000	1306.13	0.00	0.00
26	127.00	Raycap	1	35.686	39.255	0.50	0.75	1.01	19.67	0.000	0.000	63.44	0.00	0.00
27	117.00	ALU TD-RRH8x20-25	3	35.075	38.583	0.50	0.75	6.11	189.00	0.000	0.000	376.90	0.00	0.00
28	117.00	ALU 800 Mhz	6	35.075	38.583	0.50	0.75	7.51	286.20	0.000	0.000	463.45	0.00	0.00
29	117.00	ALU 1900 Mhz	3	35.075	38.583	0.50	0.75	4.18	162.00	0.000	0.000	257.78	0.00	0.00
30	117.00	RFS APXVTM14-C-I20	3	35.075	38.583	0.58	0.75	10.98	151.74	0.000	0.000	678.07	0.00	0.00
31	117.00	Commscope	3	35.263	38.789	0.60	0.75	22.09	208.98	0.000	3.000	1370.71	0.00	4112.12
32	117.00	Sitepro RMQP-496-HK	1	35.075	38.583	1.00	1.00	46.00	2204.10	0.000	0.000	2839.69	0.00	0.00
33	107.00	Site Pro HRK14	1	34.422	37.864	1.00	1.00	8.13	272.12	0.000	0.000	492.53	0.00	0.00
34	107.00	Ericsson 4449 B5/B12	3	34.422	37.864	0.50	0.75	2.49	189.00	0.000	0.000	150.69	0.00	0.00
35	107.00	Ericsson RRUS 4478 B14	3	34.422	37.864	0.50	0.75	2.77	161.73	0.000	0.000	168.04	0.00	0.00
36	107.00	Ericsson 8843 B2 B66A	3	34.422	37.864	0.50	0.75	2.49	202.50	0.000	0.000	150.69	0.00	0.00
37	107.00	Raycap	1	34.422	37.864	0.50	0.75	2.40	14.40	0.000	0.000	145.51	0.00	0.00
38	107.00	Raycap DC6-48-60-18-8F	1	34.422	37.864	0.50	0.75	0.46	28.62	0.000	0.000	28.01	0.00	0.00
39	107.00	Cci DMP65R-BU8DA	6	34.422	37.864	0.75	0.75	60.70	210.60	0.000	0.000	3677.63	0.00	0.00
40	107.00	Powerwave 7770	3	34.422	37.864	0.55	0.75	9.03	94.50	0.000	0.000	547.28	0.00	0.00
41	107.00	Powerwave/LGP21401	6	34.422	37.864	0.45	0.75	0.73	29.70	0.000	0.000	44.16	0.00	0.00
42	107.00	Low Profile Platform	1	34.422	37.864	1.00	1.00	22.00	1350.00	0.000	0.000	1332.80	0.00	0.00
							Totals:		**14,893.65**			**30,720.81**		

Total Applied Force Summary

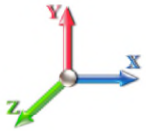
Structure:	CT01210-S-SBA		**Code:**	TIA-222-G	3/8/2022
Site Name:	North Stonington		**Exposure:**	C	
Height:	150.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	B - Competent Rock	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 16

Tower Engineering Solutions

Load Case: 0.9D + 1.6W 105 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.60



Iterations 24

Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
5.00		633.28	1291.60	0.00	0.00
10.00		621.77	1410.06	0.00	0.00
15.00		610.27	1388.08	0.00	0.00
20.00		635.32	1366.10	0.00	0.00
25.00		653.08	1344.12	0.00	0.00
30.00		665.35	1322.13	0.00	0.00
35.00		673.56	1300.15	0.00	0.00
40.00		678.64	1278.17	0.00	0.00
45.00		681.21	1256.19	0.00	0.00
46.67		225.57	413.85	0.00	0.00
50.00		462.40	1414.99	0.00	0.00
53.00		415.61	1257.83	0.00	0.00
55.00		276.22	441.69	0.00	0.00
60.00		692.55	1090.76	0.00	0.00
65.00		688.67	1071.52	0.00	0.00
70.00		683.62	1052.29	0.00	0.00
75.00		677.50	1033.06	0.00	0.00
80.00		670.42	1013.82	0.00	0.00
85.00		662.48	994.59	0.00	0.00
90.00		653.75	975.36	0.00	0.00
94.25		547.81	813.93	0.00	0.00
95.00		96.80	238.14	0.00	0.00
96.38		177.65	436.47	0.00	0.00
99.67		420.85	1030.67	0.00	0.00
100.00		42.30	57.58	0.00	0.00
102.13		269.69	366.92	0.00	0.00
105.00		360.55	491.63	0.00	0.00
107.00	(28) attachments	6986.23	2893.90	0.00	0.00
110.00		370.24	407.61	0.00	0.00
115.00		608.76	464.91	0.00	0.00
117.00	(19) attachments	6226.02	3385.29	0.00	4112.12
120.00		355.73	261.72	0.00	0.00
125.00		583.63	384.46	0.00	0.00
127.00	(11) attachments	4330.85	2274.57	0.00	0.00
130.00		340.05	219.83	0.00	0.00
135.00		556.68	359.78	0.00	0.00
137.00	(28) attachments	6392.31	2984.58	0.00	0.00
140.00		323.34	175.48	0.00	0.00
145.00		528.08	285.88	0.00	0.00
147.00	(22) attachments	7859.14	4252.93	0.00	0.00
150.00	(1) attachments	374.32	165.55	0.00	240.21
	Totals:	**49,712.30**	**44,668.18**	**0.00**	**4,352.33**

Linear Appurtenance Segment Forces (Factored)

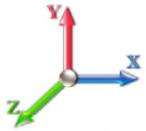
Structure:	CT01210-S-SBA	**Code:**	TIA-222-G	3/8/2022	
Site Name:	North Stonington	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	B - Competent Rock		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 17	

Tower Engineering Solutions

Load Case: 0.9D + 1.6W 105 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.60



Iterations 24

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
95.00	6"x1" Link Plate	Yes	0.75	0.000	1.00	0.06	0.00	0.029	0.000	33.570	0.00	41.35
96.38	6"x1" Link Plate	Yes	1.38	0.000	1.00	0.11	0.00	0.029	0.000	33.672	0.00	76.08
99.67	6"x1" Link Plate	Yes	3.29	0.000	1.00	0.27	0.00	0.030	0.000	33.911	0.00	181.21
100.00	6"x1" Link Plate	Yes	0.33	0.000	1.00	0.03	0.00	0.029	0.000	33.935	0.00	18.38
102.13	6"x1" Link Plate	Yes	2.13	0.000	1.00	0.18	0.00	0.030	0.000	34.086	0.00	117.44
105.00	6"x1" Link Plate	Yes	2.87	0.000	1.00	0.24	0.00	0.030	0.000	34.285	0.00	158.23
107.00	6"x1" Link Plate	Yes	2.00	0.000	1.00	0.17	0.00	0.030	0.000	34.422	0.00	110.27
110.00	6"x1" Link Plate	Yes	2.25	0.000	1.00	0.19	0.00	0.023	0.000	34.623	0.00	124.05
										Totals:	**0.0**	**827.0**

Calculated Forces

Structure:	CT01210-S-SBA	**Code:**	TIA-222-G	3/8/2022	
Site Name:	North Stonington	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	B - Competent Rock		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 18	

Tower Engineering Solutions

Load Case: 0.9D + 1.6W 105 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.60

Iterations 24

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-44.53	-49.84	0.00	-5555.0	0.00	5555.03	5817.07	2908.54	11858.0	5886.84	0.00	0.000	0.000	0.952
5.00	-42.96	-49.44	0.00	-5305.8	0.00	5305.85	5739.57	2869.78	11485.2	5701.74	0.17	-0.316	0.000	0.938
10.00	-41.29	-49.04	0.00	-5058.6	0.00	5058.66	5652.47	2826.24	11099.3	5510.17	0.67	-0.635	0.000	0.926
15.00	-39.63	-48.63	0.00	-4813.4	0.00	4813.49	5545.82	2772.91	10682.2	5303.14	1.51	-0.956	0.000	0.915
20.00	-38.01	-48.18	0.00	-4570.3	0.00	4570.34	5439.17	2719.58	10273.2	5100.07	2.68	-1.279	0.000	0.903
25.00	-36.41	-47.71	0.00	-4329.4	0.00	4329.42	5332.51	2666.26	9872.18	4900.97	4.20	-1.604	0.000	0.891
30.00	-34.84	-47.20	0.00	-4090.9	0.00	4090.90	5225.86	2612.93	9479.11	4705.83	6.05	-1.930	0.000	0.876
35.00	-33.30	-46.67	0.00	-3854.9	0.00	3854.91	5119.21	2559.60	9094.03	4514.66	8.25	-2.257	0.000	0.861
40.00	-31.79	-46.12	0.00	-3621.5	0.00	3621.57	5012.56	2506.28	8716.92	4327.45	10.79	-2.584	0.000	0.844
45.00	-30.40	-45.49	0.00	-3390.9	0.00	3390.97	4905.90	2452.95	8347.81	4144.20	13.67	-2.911	0.000	0.825
46.67	-29.86	-45.33	0.00	-3315.1	0.00	3315.15	4870.35	2435.18	8226.55	4084.00	14.70	-3.023	0.000	0.818
50.00	-28.31	-44.90	0.00	-3164.0	0.00	3164.04	4799.25	2399.63	7986.68	3964.92	16.89	-3.242	0.000	0.804
53.00	-26.95	-44.49	0.00	-3029.3	0.00	3029.34	4240.56	2120.28	7137.82	3543.51	18.99	-3.440	0.000	0.862
55.00	-26.34	-44.30	0.00	-2940.3	0.00	2940.37	4203.23	2101.62	7012.05	3481.07	20.46	-3.572	0.000	0.851
60.00	-25.04	-43.68	0.00	-2718.8	0.00	2718.89	4109.91	2054.96	6702.51	3327.41	24.38	-3.915	0.000	0.824
65.00	-23.77	-43.06	0.00	-2500.4	0.00	2500.48	4016.59	2008.29	6399.97	3177.21	28.66	-4.253	0.000	0.793
70.00	-22.53	-42.43	0.00	-2285.1	0.00	2285.19	3923.27	1961.63	6104.41	3030.48	33.29	-4.585	0.000	0.760
75.00	-21.32	-41.79	0.00	-2073.0	0.00	2073.06	3829.95	1914.97	5815.84	2887.23	38.26	-4.909	0.000	0.724
80.00	-20.15	-41.14	0.00	-1864.1	0.00	1864.13	3736.63	1868.31	5534.25	2747.44	43.57	-5.224	0.000	0.684
85.00	-19.01	-40.48	0.00	-1658.4	0.00	1658.45	3643.31	1821.65	5259.66	2611.12	49.19	-5.528	0.000	0.641
90.00	-17.93	-39.82	0.00	-1456.0	0.00	1456.03	3549.99	1774.99	4992.05	2478.26	55.13	-5.818	0.000	0.593
94.25	-17.08	-39.23	0.00	-1286.8	0.00	1286.80	3470.66	1735.33	4770.08	2368.07	60.41	-6.052	0.000	0.549
95.00	-16.82	-39.13	0.00	-1257.3	0.00	1257.38	3456.66	1728.33	4731.43	2348.88	61.36	-6.093	0.000	0.541
96.38	-16.33	-38.93	0.00	-1203.3	0.00	1203.39	3430.91	1715.45	4660.73	2313.78	63.13	-6.167	0.000	0.382
99.67	-15.31	-38.42	0.00	-1075.4	0.00	1075.43	1458.24	729.12	1997.89	991.83	67.41	-6.288	0.000	0.423
100.00	-15.22	-38.39	0.00	-1062.6	0.00	1062.63	1456.89	728.44	1992.39	989.11	67.85	-6.301	0.000	0.633
102.13	-14.80	-38.11	0.00	-980.87	0.00	980.87	1448.11	724.06	1957.30	971.68	70.68	-6.413	0.000	0.592
102.13	-14.80	-38.11	0.00	-980.87	0.00	980.87	1448.11	724.06	1957.30	971.68	70.68	-6.413	0.000	0.592
105.00	-14.25	-37.74	0.00	-871.49	0.00	871.49	1435.99	717.99	1910.05	948.23	74.58	-6.555	0.000	0.932
107.00	-12.08	-30.50	0.00	-796.02	0.00	796.02	1427.33	713.67	1877.17	931.90	77.35	-6.716	0.000	0.864
110.00	-11.57	-30.14	0.00	-704.51	0.00	704.51	1414.04	707.02	1827.92	907.46	81.64	-6.941	0.000	0.786
115.00	-11.07	-29.53	0.00	-553.79	0.00	553.79	1391.05	695.52	1746.12	866.85	89.07	-7.273	0.000	0.649
117.00	-8.45	-22.94	0.00	-490.63	0.00	490.63	1381.56	690.78	1713.52	850.66	92.14	-7.393	0.000	0.584
120.00	-8.16	-22.58	0.00	-421.81	0.00	421.81	1367.01	683.50	1664.77	826.46	96.83	-7.556	0.000	0.517
120.00	-8.16	-22.58	0.00	-421.81	0.00	421.81	1091.99	545.99	1332.66	661.59	96.83	-7.556	0.000	0.647
125.00	-7.79	-21.97	0.00	-308.91	0.00	308.91	1075.35	537.67	1272.10	631.52	104.85	-7.786	0.000	0.498
127.00	-6.10	-17.38	0.00	-264.97	0.00	264.97	1068.40	534.20	1247.88	619.50	108.12	-7.878	0.000	0.434
130.00	-5.89	-17.03	0.00	-212.82	0.00	212.82	1057.66	528.83	1211.58	601.48	113.10	-7.998	0.000	0.360
135.00	-5.58	-16.44	0.00	-127.67	0.00	127.67	1038.92	519.46	1151.22	571.51	121.53	-8.148	0.000	0.230
137.00	-3.53	-9.69	0.00	-94.79	0.00	94.79	1031.13	515.57	1127.15	559.57	124.94	-8.192	0.000	0.173
140.00	-3.40	-9.35	0.00	-65.73	0.00	65.73	1019.14	509.57	1091.15	541.69	130.09	-8.240	0.000	0.125
145.00	-3.19	-8.78	0.00	-18.99	0.00	18.99	998.31	499.16	1031.47	512.07	138.72	-8.286	0.000	0.041
147.00	-0.11	-0.39	0.00	-1.42	0.00	1.42	989.69	494.84	1007.74	500.29	142.18	-8.291	0.000	0.003
150.00	0.00	-0.37	0.00	-0.24	0.00	0.24	976.44	488.22	972.32	482.70	147.37	-8.292	0.000	0.000

Wind Loading - Shaft

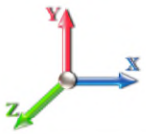
Structure:	CT01210-S-SBA	**Code:**	TIA-222-G	3/8/2022	
Site Name:	North Stonington	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	B - Competent Rock		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 19	

Tower Engineering Solutions

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 24

Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.85	5.168	5.68	0.00	1.200	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	5.168	5.68	0.00	1.200	1.242	5.00	22.085	26.50	150.7	395.3	1992.5
10.00		1.00	0.85	5.168	5.68	0.00	1.200	1.331	5.00	21.777	26.13	148.6	416.8	1984.8
15.00		1.00	0.85	5.168	5.68	0.00	1.200	1.386	5.00	21.441	25.73	146.3	426.6	1965.3
20.00		1.00	0.90	5.483	6.03	0.00	1.200	1.427	5.00	21.092	25.31	152.7	431.3	1940.7
25.00		1.00	0.95	5.747	6.32	0.00	1.200	1.459	5.00	20.737	24.88	157.3	433.0	1913.1
30.00		1.00	0.98	5.972	6.57	0.00	1.200	1.486	5.00	20.377	24.45	160.6	432.8	1883.5
35.00		1.00	1.01	6.169	6.79	0.00	1.200	1.509	5.00	20.014	24.02	163.0	431.1	1852.6
40.00		1.00	1.04	6.345	6.98	0.00	1.200	1.529	5.00	19.648	23.58	164.6	428.4	1820.5
45.00		1.00	1.07	6.504	7.15	0.00	1.200	1.547	5.00	19.281	23.14	165.5	424.9	1787.7
46.67	Bot - Section 2	1.00	1.08	6.554	7.21	0.00	1.200	1.553	1.67	6.344	7.61	54.9	141.2	588.9
50.00		1.00	1.09	6.650	7.32	0.00	1.200	1.564	3.33	12.813	15.38	112.5	286.2	1964.8
53.00	Top - Section 1	1.00	1.11	6.732	7.41	0.00	1.200	1.573	3.00	11.391	13.67	101.2	255.9	1745.7
55.00		1.00	1.12	6.785	7.46	0.00	1.200	1.579	2.00	7.520	9.02	67.3	169.8	633.9
60.00		1.00	1.14	6.910	7.60	0.00	1.200	1.592	5.00	18.543	22.25	169.1	419.3	1561.6
65.00		1.00	1.16	7.028	7.73	0.00	1.200	1.605	5.00	18.171	21.81	168.6	413.7	1530.3
70.00		1.00	1.17	7.138	7.85	0.00	1.200	1.617	5.00	17.799	21.36	167.7	407.7	1498.6
75.00		1.00	1.19	7.243	7.97	0.00	1.200	1.628	5.00	17.426	20.91	166.6	401.3	1466.6
80.00		1.00	1.21	7.342	8.08	0.00	1.200	1.639	5.00	17.052	20.46	165.3	394.7	1434.4
85.00		1.00	1.22	7.436	8.18	0.00	1.200	1.649	5.00	16.678	20.01	163.7	387.8	1401.9
90.00		1.00	1.24	7.526	8.28	0.00	1.200	1.658	5.00	16.304	19.56	162.0	380.7	1369.1
94.25	Bot - Section 3	1.00	1.25	7.600	8.36	0.00	1.200	1.666	4.25	13.563	16.28	136.1	318.3	1138.3
95.00		1.00	1.25	7.612	8.37	0.00	1.200	1.667	0.75	2.393	2.87	24.0	56.7	272.3
96.38	RB1	1.00	1.26	7.635	8.40	0.00	1.200	1.670	1.38	4.381	5.26	44.2	103.8	498.1
99.67	Top - Section 2	1.00	1.26	7.690	8.46	0.00	1.200	1.675	3.29	10.320	12.38	104.7	243.9	1171.3
100.00		1.00	1.27	7.695	8.46	0.00	1.200	1.676	0.33	1.037	1.24	10.5	24.7	56.2
102.13	RT1	1.00	1.27	7.729	8.50	0.00	1.200	1.679	2.13	6.590	7.91	67.2	156.4	356.1
105.00		1.00	1.28	7.774	8.55	0.00	1.200	1.684	2.87	8.772	10.53	90.0	208.2	473.6
107.00	Appurtenance(s)	1.00	1.28	7.805	8.59	0.00	1.200	1.687	2.00	6.040	7.25	62.2	143.9	326.3
110.00		1.00	1.29	7.851	8.64	0.00	1.200	1.692	3.00	8.947	10.74	92.7	213.0	482.8
115.00		1.00	1.30	7.925	8.72	0.00	1.200	1.699	5.00	14.612	17.53	152.9	346.9	786.4
117.00	Appurtenance(s)	1.00	1.31	7.954	8.75	0.00	1.200	1.702	2.00	5.739	6.89	60.3	137.5	309.7
120.00	Top - Section 3	1.00	1.32	7.996	8.80	0.00	1.200	1.707	3.00	8.496	10.19	89.7	203.3	457.7
125.00		1.00	1.33	8.065	8.87	0.00	1.200	1.714	5.00	13.859	16.63	147.5	330.5	685.5
127.00	Appurtenance(s)	1.00	1.33	8.092	8.90	0.00	1.200	1.716	2.00	5.438	6.53	58.1	130.8	269.8
130.00		1.00	1.34	8.132	8.95	0.00	1.200	1.720	3.00	8.044	9.65	86.3	193.2	398.3
135.00		1.00	1.35	8.197	9.02	0.00	1.200	1.727	5.00	13.106	15.73	141.8	313.5	646.6
137.00	Appurtenance(s)	1.00	1.35	8.222	9.04	0.00	1.200	1.729	2.00	5.136	6.16	55.7	124.0	254.2
140.00		1.00	1.36	8.260	9.09	0.00	1.200	1.733	3.00	7.591	9.11	82.8	182.9	374.8
145.00		1.00	1.37	8.321	9.15	0.00	1.200	1.739	5.00	12.351	14.82	135.7	296.1	607.2
147.00	Appurtenance(s)	1.00	1.37	8.345	9.18	0.00	1.200	1.742	2.00	4.834	5.80	53.3	117.0	238.4
150.00	Appurtenance(s)	1.00	1.38	8.381	9.22	0.00	1.200	1.745	3.00	7.139	8.57	79.0	172.3	351.1
								Totals:	**150.00**			**4,682.8**		**42,491.0**

Discrete Appurtenance Forces

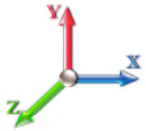
Structure:	CT01210-S-SBA	**Code:**	TIA-222-G	3/8/2022	
Site Name:	North Stonington	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	B - Competent Rock		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 20	

Tower Engineering Solutions

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 24

No.	Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orient Factor x Ka	Ka	Total CaAa (sf)	Dead Load (lb)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)
1	150.00	Lightning Rod	1	8.421	9.264	1.00	1.00	3.42	64.41	0.000	3.500	31.71	0.00	111.00
2	147.00	Ericsson 4449 B71 + B85	3	8.345	9.180	0.50	0.75	3.83	513.88	0.000	0.000	35.12	0.00	0.00
3	147.00	Commscope VV-65A-R1	3	8.345	9.180	0.55	0.75	11.49	502.93	0.000	0.000	105.52	0.00	0.00
4	147.00	RFS	3	8.345	9.180	0.54	0.75	35.86	1722.28	0.000	0.000	329.19	0.00	0.00
5	147.00	Ericsson KRY 112 144/1	3	8.345	9.180	0.45	0.75	1.02	62.77	0.000	0.000	9.35	0.00	0.00
6	147.00	Ericsson AIR6449 B41	3	8.345	9.180	0.53	0.75	10.54	686.23	0.000	0.000	96.77	0.00	0.00
7	147.00	Platform w/ Hand Rail	1	8.345	9.180	1.00	1.00	60.90	3890.03	0.000	0.000	559.04	0.00	0.00
8	147.00	Tie Back Kit (Commscope	1	8.345	9.180	1.00	1.00	9.40	230.89	0.000	0.000	86.28	0.00	0.00
9	147.00	Rreinforcement Kit	1	8.345	9.180	1.00	1.00	19.43	937.58	0.000	0.000	178.34	0.00	0.00
10	147.00	V-Brace Kit (Sitepro	1	8.345	9.180	1.00	1.00	12.88	2022.93	0.000	0.000	118.27	0.00	0.00
11	147.00	Ericsson 4460 B25 + B66	3	8.345	9.180	0.50	0.75	3.99	513.81	0.000	0.000	36.61	0.00	0.00
12	137.00	Nokia B2/B66A RRH	3	8.222	9.044	0.50	0.75	3.58	144.66	0.000	0.000	32.37	0.00	0.00
13	137.00	Antel BXA-70063-6CF	3	8.222	9.044	0.58	0.75	18.09	374.57	0.000	0.000	163.63	0.00	0.00
14	137.00	Samsung MT6407-77A	3	8.222	9.044	0.52	0.75	8.84	639.81	0.000	0.000	79.91	0.00	0.00
15	137.00	Andrew JAHH-65B-R3B	6	8.222	9.044	0.46	0.75	29.09	1468.81	0.000	0.000	263.14	0.00	0.00
16	137.00	Commscope	3	8.222	9.044	0.45	0.75	1.21	163.38	0.000	0.000	10.92	0.00	0.00
17	137.00	Low Profile Platform (Site	1	8.222	9.044	1.00	1.00	54.52	3106.66	0.000	0.000	493.10	0.00	0.00
18	137.00	Nokia B5/B13	3	8.222	9.044	0.50	0.75	3.58	83.69	0.000	0.000	32.37	0.00	0.00
19	137.00	RFS DB-B1-6C-12AB-0Z	2	8.222	9.044	0.50	0.75	8.62	147.59	0.000	0.000	77.99	0.00	0.00
20	137.00	Handrail Kit (Site Pro1	1	8.222	9.044	1.00	1.00	13.29	919.73	0.000	0.000	120.18	0.00	0.00
21	137.00	Mount Kit (Commscope	3	8.222	9.044	0.38	0.75	0.17	330.24	0.000	0.000	1.55	0.00	0.00
22	127.00	Platform w/HRK	1	8.092	8.901	1.00	1.00	84.04	3359.37	0.000	0.000	748.10	0.00	0.00
23	127.00	Fujitsu TA08025-B604	3	8.092	8.901	0.50	0.75	3.79	343.39	0.000	0.000	33.70	0.00	0.00
24	127.00	Fujitsu TA08025-B605	3	8.092	8.901	0.50	0.75	3.79	386.09	0.000	0.000	33.70	0.00	0.00
25	127.00	JMA Wireless	3	8.092	8.901	0.55	0.75	23.19	888.81	0.000	0.000	206.46	0.00	0.00
26	127.00	Raycap	1	8.092	8.901	0.50	0.75	1.29	65.72	0.000	0.000	11.49	0.00	0.00
27	117.00	ALU TD-RRH8x20-25	3	7.954	8.749	0.50	0.75	7.30	573.60	0.000	0.000	63.86	0.00	0.00
28	117.00	ALU 800 Mhz	6	7.954	8.749	0.50	0.75	10.87	687.87	0.000	0.000	95.11	0.00	0.00
29	117.00	ALU 1900 Mhz	3	7.954	8.749	0.50	0.75	6.04	388.46	0.000	0.000	52.85	0.00	0.00
30	117.00	RFS APXVTM14-C-I20	3	7.954	8.749	0.58	0.75	12.86	669.42	0.000	0.000	112.53	0.00	0.00
31	117.00	Commscope	3	7.996	8.796	0.60	0.75	24.64	916.89	0.000	3.000	216.75	0.00	650.25
32	117.00	Sitepro RMQP-496-HK	1	7.954	8.749	1.00	1.00	77.32	4650.29	0.000	0.000	676.50	0.00	0.00
33	107.00	Site Pro HRK14	1	7.805	8.586	1.00	1.00	15.81	1012.10	0.000	0.000	135.76	0.00	0.00
34	107.00	Ericsson 4449 B5/B12	3	7.805	8.586	0.50	0.75	3.27	448.25	0.000	0.000	28.06	0.00	0.00
35	107.00	Ericsson RRUS 4478 B14	3	7.805	8.586	0.50	0.75	3.54	316.86	0.000	0.000	30.41	0.00	0.00
36	107.00	Ericsson 8843 B2 B66A	3	7.805	8.586	0.50	0.75	3.27	484.90	0.000	0.000	28.06	0.00	0.00
37	107.00	Raycap	1	7.805	8.586	0.50	0.75	2.83	109.02	0.000	0.000	24.31	0.00	0.00
38	107.00	Raycap DC6-48-60-18-8F	1	7.805	8.586	0.50	0.75	0.68	80.23	0.000	0.000	5.80	0.00	0.00
39	107.00	Cci DMP65R-BU8DA	6	7.805	8.586	0.75	0.75	163.66	1704.47	0.000	0.000	1405.18	0.00	0.00
40	107.00	Powerwave 7770	3	7.805	8.586	0.55	0.75	10.72	515.09	0.000	0.000	92.05	0.00	0.00
41	107.00	Powerwave/LGP21401	6	7.805	8.586	0.45	0.75	1.77	74.09	0.000	0.000	15.17	0.00	0.00
42	107.00	Low Profile Platform	1	7.805	8.586	1.00	1.00	39.07	2765.43	0.000	0.000	335.49	0.00	0.00
							Totals:		**38,967.24**			**7,212.71**		

Total Applied Force Summary

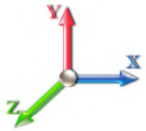
Structure:	CT01210-S-SBA		**Code:**	TIA-222-G	3/8/2022
Site Name:	North Stonington		**Exposure:**	C	
Height:	150.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	B - Competent Rock	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 21

Tower Engineering Solutions

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 24

Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
5.00		150.66	2117.38	0.00	0.00
10.00		148.56	2296.86	0.00	0.00
15.00		146.26	2277.38	0.00	0.00
20.00		152.67	2252.76	0.00	0.00
25.00		157.31	2225.17	0.00	0.00
30.00		160.63	2195.62	0.00	0.00
35.00		162.97	2164.66	0.00	0.00
40.00		164.56	2132.64	0.00	0.00
45.00		165.54	2099.77	0.00	0.00
46.67		54.88	692.96	0.00	0.00
50.00		112.48	2172.84	0.00	0.00
53.00		101.23	1933.01	0.00	0.00
55.00		67.35	758.73	0.00	0.00
60.00		169.14	1873.66	0.00	0.00
65.00		168.57	1842.38	0.00	0.00
70.00		167.71	1810.72	0.00	0.00
75.00		166.60	1778.75	0.00	0.00
80.00		165.26	1746.48	0.00	0.00
85.00		163.71	1713.95	0.00	0.00
90.00		161.97	1681.19	0.00	0.00
94.25		136.06	1403.56	0.00	0.00
95.00		24.04	379.86	0.00	0.00
96.38		44.15	696.14	0.00	0.00
99.67		104.75	1643.03	0.00	0.00
100.00		10.54	104.00	0.00	0.00
102.13		67.24	661.88	0.00	0.00
105.00		90.02	885.69	0.00	0.00
107.00	(28) attachments	2162.52	8123.94	0.00	0.00
110.00		92.72	773.77	0.00	0.00
115.00		152.85	966.81	0.00	0.00
117.00	(19) attachments	1277.86	8268.37	0.00	650.25
120.00		89.67	552.22	0.00	0.00
125.00		147.55	843.09	0.00	0.00
127.00	(11) attachments	1091.54	5376.20	0.00	0.00
130.00		86.34	486.33	0.00	0.00
135.00		141.80	793.22	0.00	0.00
137.00	(28) attachments	1330.91	7691.98	0.00	0.00
140.00		82.77	416.89	0.00	0.00
145.00		135.67	677.26	0.00	0.00
147.00	(22) attachments	1607.73	11349.74	0.00	0.00
150.00	(1) attachments	110.68	415.49	0.00	111.00
	Totals:	**11,895.49**	**90,276.38**	**0.00**	**761.25**

Linear Appurtenance Segment Forces (Factored)

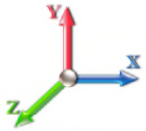
Structure:	CT01210-S-SBA	**Code:**	TIA-222-G	3/8/2022	
Site Name:	North Stonington	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	B - Competent Rock		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 22	

Tower Engineering Solutions

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 24

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
95.00	6"x1" Link Plate	Yes	0.75	0.000	1.00	0.27	0.00	0.029	0.000	7.612	0.00	60.79
96.38	6"x1" Link Plate	Yes	1.38	0.000	1.00	0.50	0.00	0.029	0.000	7.635	0.00	111.87
99.67	6"x1" Link Plate	Yes	3.29	0.000	1.00	1.19	0.00	0.030	0.000	7.690	0.00	266.55
100.00	6"x1" Link Plate	Yes	0.33	0.000	1.00	0.12	0.00	0.029	0.000	7.695	0.00	27.03
102.13	6"x1" Link Plate	Yes	2.13	0.000	1.00	0.77	0.00	0.030	0.000	7.729	0.00	172.80
105.00	6"x1" Link Plate	Yes	2.87	0.000	1.00	1.04	0.00	0.030	0.000	7.774	0.00	232.92
107.00	6"x1" Link Plate	Yes	2.00	0.000	1.00	0.73	0.00	0.030	0.000	7.805	0.00	162.35
110.00	6"x1" Link Plate	Yes	2.25	0.000	1.00	0.82	0.00	0.023	0.000	7.851	0.00	182.72
										Totals:	**0.0**	**1,217.0**

Calculated Forces

Structure:	CT01210-S-SBA	**Code:**	TIA-222-G	3/8/2022	
Site Name:	North Stonington	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	B - Competent Rock		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 23	

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00

Iterations 24

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-90.27	-11.96	0.00	-1393.6	0.00	1393.62	5817.07	2908.54	11858.0	5886.84	0.00	0.000	0.000	0.252
5.00	-88.13	-11.93	0.00	-1333.8	0.00	1333.83	5739.57	2869.78	11485.2	5701.74	0.04	-0.079	0.000	0.249
10.00	-85.82	-11.90	0.00	-1274.1	0.00	1274.19	5652.47	2826.24	11099.3	5510.17	0.17	-0.160	0.000	0.246
15.00	-83.53	-11.86	0.00	-1214.7	0.00	1214.71	5545.82	2772.91	10682.2	5303.14	0.38	-0.241	0.000	0.244
20.00	-81.26	-11.81	0.00	-1155.4	0.00	1155.40	5439.17	2719.58	10273.2	5100.07	0.67	-0.322	0.000	0.242
25.00	-79.02	-11.76	0.00	-1096.3	0.00	1096.34	5332.51	2666.26	9872.18	4900.97	1.06	-0.404	0.000	0.239
30.00	-76.81	-11.69	0.00	-1037.5	0.00	1037.56	5225.86	2612.93	9479.11	4705.83	1.52	-0.487	0.000	0.235
35.00	-74.63	-11.61	0.00	-979.11	0.00	979.11	5119.21	2559.60	9094.03	4514.66	2.08	-0.570	0.000	0.231
40.00	-72.48	-11.53	0.00	-921.04	0.00	921.04	5012.56	2506.28	8716.92	4327.45	2.72	-0.653	0.000	0.227
45.00	-70.37	-11.41	0.00	-863.38	0.00	863.38	4905.90	2452.95	8347.81	4144.20	3.45	-0.736	0.000	0.223
46.67	-69.67	-11.40	0.00	-844.37	0.00	844.37	4870.35	2435.18	8226.55	4084.00	3.71	-0.765	0.000	0.221
50.00	-67.49	-11.32	0.00	-806.38	0.00	806.38	4799.25	2399.63	7986.68	3964.92	4.26	-0.821	0.000	0.217
53.00	-65.55	-11.24	0.00	-772.43	0.00	772.43	4240.56	2120.28	7137.82	3543.51	4.80	-0.871	0.000	0.233
55.00	-64.78	-11.23	0.00	-749.96	0.00	749.96	4203.23	2101.62	7012.05	3481.07	5.17	-0.905	0.000	0.231
60.00	-62.89	-11.12	0.00	-693.84	0.00	693.84	4109.91	2054.96	6702.51	3327.41	6.16	-0.992	0.000	0.224
65.00	-61.04	-11.01	0.00	-638.24	0.00	638.24	4016.59	2008.29	6399.97	3177.21	7.25	-1.078	0.000	0.216
70.00	-59.21	-10.89	0.00	-583.19	0.00	583.19	3923.27	1961.63	6104.41	3030.48	8.42	-1.163	0.000	0.208
75.00	-57.42	-10.77	0.00	-528.73	0.00	528.73	3829.95	1914.97	5815.84	2887.23	9.69	-1.246	0.000	0.198
80.00	-55.67	-10.64	0.00	-474.87	0.00	474.87	3736.63	1868.31	5534.25	2747.44	11.04	-1.326	0.000	0.188
85.00	-53.94	-10.51	0.00	-421.66	0.00	421.66	3643.31	1821.65	5259.66	2611.12	12.47	-1.404	0.000	0.176
90.00	-52.25	-10.37	0.00	-369.11	0.00	369.11	3549.99	1774.99	4992.05	2478.26	13.98	-1.477	0.000	0.164
94.25	-50.85	-10.22	0.00	-325.06	0.00	325.06	3470.66	1735.33	4770.08	2368.07	15.32	-1.536	0.000	0.152
95.00	-50.47	-10.20	0.00	-317.39	0.00	317.39	3456.66	1728.33	4731.43	2348.88	15.56	-1.547	0.000	0.150
96.38	-49.77	-10.16	0.00	-303.31	0.00	303.31	3430.91	1715.45	4660.73	2313.78	16.01	-1.565	0.000	0.106
99.67	-48.13	-10.02	0.00	-269.92	0.00	269.92	1458.24	729.12	1997.89	991.83	17.10	-1.596	0.000	0.117
100.00	-48.02	-10.02	0.00	-266.58	0.00	266.58	1456.89	728.44	1992.39	989.11	17.21	-1.599	0.000	0.175
102.13	-47.35	-9.96	0.00	-245.23	0.00	245.23	1448.11	724.06	1957.30	971.68	17.93	-1.627	0.000	0.164
102.13	-47.35	-9.96	0.00	-245.23	0.00	245.23	1448.11	724.06	1957.30	971.68	17.93	-1.627	0.000	0.164
105.00	-46.46	-9.88	0.00	-216.63	0.00	216.63	1435.99	717.99	1910.05	948.23	18.92	-1.663	0.000	0.261
107.00	-38.40	-7.51	0.00	-196.87	0.00	196.87	1427.33	713.67	1877.17	931.90	19.63	-1.703	0.000	0.238
110.00	-37.62	-7.44	0.00	-174.33	0.00	174.33	1414.04	707.02	1827.92	907.46	20.71	-1.758	0.000	0.219
115.00	-36.65	-7.29	0.00	-137.13	0.00	137.13	1391.05	695.52	1746.12	866.85	22.60	-1.840	0.000	0.185
117.00	-28.43	-5.77	0.00	-121.89	0.00	121.89	1381.56	690.78	1713.52	850.66	23.38	-1.870	0.000	0.164
120.00	-27.87	-5.68	0.00	-104.59	0.00	104.59	1367.01	683.50	1664.77	826.46	24.57	-1.911	0.000	0.147
120.00	-27.87	-5.68	0.00	-104.59	0.00	104.59	1091.99	545.99	1332.66	661.59	24.57	-1.911	0.000	0.184
125.00	-27.03	-5.52	0.00	-76.18	0.00	76.18	1075.35	537.67	1272.10	631.52	26.60	-1.967	0.000	0.146
127.00	-21.70	-4.26	0.00	-65.13	0.00	65.13	1068.40	534.20	1247.88	619.50	27.43	-1.990	0.000	0.126
130.00	-21.21	-4.17	0.00	-52.36	0.00	52.36	1057.66	528.83	1211.58	601.48	28.69	-2.020	0.000	0.107
135.00	-20.42	-4.01	0.00	-31.52	0.00	31.52	1038.92	519.46	1151.22	571.51	30.83	-2.057	0.000	0.075
137.00	-12.78	-2.40	0.00	-23.51	0.00	23.51	1031.13	515.57	1127.15	559.57	31.69	-2.067	0.000	0.054
140.00	-12.37	-2.31	0.00	-16.31	0.00	16.31	1019.14	509.57	1091.15	541.69	32.99	-2.079	0.000	0.042
145.00	-11.69	-2.15	0.00	-4.78	0.00	4.78	998.31	499.16	1031.47	512.07	35.18	-2.091	0.000	0.021
147.00	-0.41	-0.13	0.00	-0.49	0.00	0.49	989.69	494.84	1007.74	500.29	36.05	-2.092	0.000	0.001
150.00	0.00	-0.11	0.00	-0.11	0.00	0.11	976.44	488.22	972.32	482.70	37.37	-2.092	0.000	0.000

Seismic Segment Forces (Factored)

Structure:	CT01210-S-SBA	**Code:**	TIA-222-G	3/8/2022	
Site Name:	North Stonington	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	B - Competent Rock		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 24	

Tower Engineering Solutions

Load Case:	1.2D + 1.0E							**Iterations**	21
Gust Response Factor	1.10				**Sds**	0.11		**Ss**	0.16
Dead Load Factor	1.20	**Seismic Load Factor**	1.00		**Sd1**	0.04		**S1**	0.06
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.29		**SA**	0.01	**Seismic Importance Factor**		1.00

Top Elev (ft)	Description	Wz (lb)	a	b	c	Lateral Fs (lb)	R: 1.50
0.00		0.00	0.00	0.00	0.00	0.00	
5.00		1331.0	0.00	0.03	0.02	18.52	
10.00		1306.6	0.01	0.05	0.03	24.48	
15.00		1282.2	0.02	0.06	0.04	26.83	
20.00		1257.8	0.03	0.07	0.04	27.68	
25.00		1233.3	0.05	0.07	0.04	27.93	
30.00		1208.9	0.08	0.07	0.04	28.05	
35.00		1184.5	0.10	0.07	0.04	28.22	
40.00		1160.1	0.13	0.07	0.03	28.44	
45.00		1135.6	0.17	0.07	0.03	28.58	
46.67	Bot - Section 2	373.13	0.18	0.06	0.03	9.45	
50.00		1398.8	0.21	0.06	0.02	35.65	
53.00	Top - Section 1	1241.5	0.24	0.06	0.02	31.46	
55.00		386.73	0.25	0.05	0.02	9.67	
60.00		951.87	0.30	0.04	0.01	21.89	
65.00		930.50	0.35	0.03	0.01	17.15	
70.00		909.13	0.41	0.01	0.01	9.47	
75.00		887.76	0.47	-0.01	0.01	-0.64	
80.00		866.39	0.54	-0.03	0.01	-10.87	
85.00		845.02	0.61	-0.06	0.02	-18.59	
90.00		823.65	0.68	-0.08	0.03	-22.80	
94.25	Bot - Section 3	683.30	0.75	-0.10	0.04	-20.22	
95.00		179.64	0.76	-0.10	0.04	-5.33	
96.38	RB1	328.65	0.78	-0.11	0.05	-9.74	
99.67	Top - Section 2	772.89	0.83	-0.12	0.06	-22.11	
100.00		26.22	0.84	-0.12	0.07	-0.75	
102.13	RT1	166.41	0.88	-0.12	0.08	-4.50	
105.00		221.15	0.93	-0.12	0.10	-5.39	
107.00	Appurtenance(s)	2988.8	0.96	-0.12	0.11	-65.68	
110.00		224.84	1.02	-0.11	0.14	-3.96	
115.00		366.19	1.11	-0.06	0.19	-3.03	
117.00	Appurtenance(s)	3701.2	1.15	-0.04	0.22	-14.12	
120.00	Top - Section 3	212.02	1.21	0.01	0.26	0.78	
125.00		295.88	1.31	0.14	0.35	5.41	
127.00	Appurtenance(s)	2474.7	1.35	0.20	0.39	61.63	
130.00		170.93	1.42	0.32	0.45	6.09	
135.00		277.56	1.53	0.58	0.58	15.50	
137.00	Appurtenance(s)	3267.3	1.58	0.71	0.64	211.48	
140.00		159.94	1.65	0.93	0.73	12.63	
145.00		259.24	1.77	1.39	0.92	27.23	
147.00	Appurtenance(s)	4702.1	1.82	1.61	1.00	547.09	
150.00	Appurtenance(s)	183.95	1.89	1.98	1.14	24.69	
	Totals:	**42,378.2**				**1,078.3**	**Total Wind:** **49,712.3**

Calculated Forces

Structure:	CT01210-S-SBA	**Code:**	TIA-222-G	3/8/2022	
Site Name:	North Stonington	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	B - Competent Rock		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 25	

Tower Engineering Solutions

Load Case:	1.2D + 1.0E							**Iterations**	21
Gust Response Factor	1.10			**Sds**	0.11			**Ss**	0.16
Dead Load Factor	1.20	**Seismic Load Factor**	1.00	**Sd1**	0.04			**S1**	0.06
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.29	**SA**	0.01	**Seismic Importance Factor**			1.00

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-59.56	-1.29	0.00	-152.79	0.00	152.79	5817.07	2908.54	11858.0	5886.84		0.00	0.00	0.036
5.00	-57.84	-1.28	0.00	-146.35	0.00	146.35	5739.57	2869.78	11485.2	5701.74		0.00	-0.01	0.036
10.00	-55.95	-1.26	0.00	-139.95	0.00	139.95	5652.47	2826.24	11099.3	5510.17		0.02	-0.02	0.035
15.00	-54.10	-1.24	0.00	-133.64	0.00	133.64	5545.82	2772.91	10682.2	5303.14		0.04	-0.03	0.035
20.00	-52.28	-1.22	0.00	-127.42	0.00	127.42	5439.17	2719.58	10273.2	5100.07		0.07	-0.04	0.035
25.00	-50.49	-1.20	0.00	-121.30	0.00	121.30	5332.51	2666.26	9872.18	4900.97		0.12	-0.04	0.034
30.00	-48.73	-1.18	0.00	-115.29	0.00	115.29	5225.86	2612.93	9479.11	4705.83		0.17	-0.05	0.034
35.00	-46.99	-1.16	0.00	-109.39	0.00	109.39	5119.21	2559.60	9094.03	4514.66		0.23	-0.06	0.033
40.00	-45.29	-1.14	0.00	-103.59	0.00	103.59	5012.56	2506.28	8716.92	4327.45		0.30	-0.07	0.033
45.00	-43.61	-1.11	0.00	-97.92	0.00	97.92	4905.90	2452.95	8347.81	4144.20		0.38	-0.08	0.033
46.67	-43.06	-1.10	0.00	-96.07	0.00	96.07	4870.35	2435.18	8226.55	4084.00		0.41	-0.08	0.032
50.00	-41.18	-1.07	0.00	-92.39	0.00	92.39	4799.25	2399.63	7986.68	3964.92		0.47	-0.09	0.032
53.00	-39.50	-1.04	0.00	-89.19	0.00	89.19	4240.56	2120.28	7137.82	3543.51		0.53	-0.10	0.034
55.00	-38.91	-1.03	0.00	-87.11	0.00	87.11	4203.23	2101.62	7012.05	3481.07		0.57	-0.10	0.034
60.00	-37.45	-1.01	0.00	-81.96	0.00	81.96	4109.91	2054.96	6702.51	3327.41		0.68	-0.11	0.034
65.00	-36.03	-1.00	0.00	-76.89	0.00	76.89	4016.59	2008.29	6399.97	3177.21		0.80	-0.12	0.033
70.00	-34.62	-0.99	0.00	-71.89	0.00	71.89	3923.27	1961.63	6104.41	3030.48		0.94	-0.13	0.033
75.00	-33.24	-1.00	0.00	-66.92	0.00	66.92	3829.95	1914.97	5815.84	2887.23		1.08	-0.14	0.032
80.00	-31.89	-1.00	0.00	-61.93	0.00	61.93	3736.63	1868.31	5534.25	2747.44		1.23	-0.15	0.031
85.00	-30.57	-1.00	0.00	-56.94	0.00	56.94	3643.31	1821.65	5259.66	2611.12		1.40	-0.16	0.030
90.00	-29.27	-1.00	0.00	-51.93	0.00	51.93	3549.99	1774.99	4992.05	2478.26		1.58	-0.17	0.029
94.25	-28.18	-1.00	0.00	-47.68	0.00	47.68	3470.66	1735.33	4770.08	2368.07		1.73	-0.18	0.028
95.00	-27.86	-1.00	0.00	-46.93	0.00	46.93	3456.66	1728.33	4731.43	2348.88		1.76	-0.18	0.028
96.38	-27.28	-1.00	0.00	-45.54	0.00	45.54	3430.91	1715.45	4660.73	2313.78		1.82	-0.19	0.020
99.67	-25.91	-1.00	0.00	-42.25	0.00	42.25	1458.24	729.12	1997.89	991.83		1.94	-0.19	0.023
100.00	-25.83	-1.00	0.00	-41.92	0.00	41.92	1456.89	728.44	1992.39	989.11		1.96	-0.19	0.035
102.13	-25.34	-1.00	0.00	-39.80	0.00	39.80	1448.11	724.06	1957.30	971.68		2.04	-0.20	0.033
102.13	-25.34	-1.00	0.00	-39.80	0.00	39.80	1448.11	724.06	1957.30	971.68		2.04	-0.20	0.033
105.00	-24.69	-1.00	0.00	-36.93	0.00	36.93	1435.99	717.99	1910.05	948.23		2.16	-0.20	0.056
107.00	-20.83	-0.99	0.00	-34.93	0.00	34.93	1427.33	713.67	1877.17	931.90		2.25	-0.21	0.052
110.00	-20.28	-0.99	0.00	-31.96	0.00	31.96	1414.04	707.02	1827.92	907.46		2.38	-0.22	0.050
115.00	-19.66	-0.99	0.00	-27.00	0.00	27.00	1391.05	695.52	1746.12	866.85		2.62	-0.23	0.045
117.00	-15.15	-0.98	0.00	-25.02	0.00	25.02	1381.56	690.78	1713.52	850.66		2.72	-0.24	0.040
120.00	-14.80	-0.98	0.00	-22.09	0.00	22.09	1367.01	683.50	1664.77	826.46		2.87	-0.25	0.038
120.00	-14.80	-0.98	0.00	-22.09	0.00	22.09	1091.99	545.99	1332.66	661.59		2.87	-0.25	0.047
125.00	-14.29	-0.97	0.00	-17.20	0.00	17.20	1075.35	537.67	1272.10	631.52		3.14	-0.26	0.041
127.00	-11.25	-0.90	0.00	-15.26	0.00	15.26	1068.40	534.20	1247.88	619.50		3.25	-0.27	0.035
130.00	-10.96	-0.89	0.00	-12.57	0.00	12.57	1057.66	528.83	1211.58	601.48		3.42	-0.27	0.031
135.00	-10.48	-0.87	0.00	-8.11	0.00	8.11	1038.92	519.46	1151.22	571.51		3.71	-0.28	0.024
137.00	-6.50	-0.64	0.00	-6.36	0.00	6.36	1031.13	515.57	1127.15	559.57		3.83	-0.28	0.018
140.00	-6.27	-0.63	0.00	-4.43	0.00	4.43	1019.14	509.57	1091.15	541.69		4.01	-0.29	0.014
145.00	-5.89	-0.60	0.00	-1.28	0.00	1.28	998.31	499.16	1031.47	512.07		4.31	-0.29	0.008
147.00	-0.22	-0.03	0.00	-0.08	0.00	0.08	989.69	494.84	1007.74	500.29		4.43	-0.29	0.000
150.00	0.00	-0.02	0.00	0.00	0.00	0.00	976.44	488.22	972.32	482.70		4.62	-0.29	0.000

Seismic Segment Forces (Factored)

Structure:	CT01210-S-SBA		**Code:**	TIA-222-G	3/8/2022
Site Name:	North Stonington		**Exposure:**	C	
Height:	150.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	B - Competent Rock	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 26

Tower Engineering Solutions

Load Case:	0.9D + 1.0E							**Iterations**	21
Gust Response Factor	1.10				**Sds**	0.11		**Ss**	0.16
Dead Load Factor	0.90	**Seismic Load Factor**	1.00		**Sd1**	0.04		**S1**	0.06
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.29		**SA**	0.01	**Seismic Importance Factor**		1.00

Top Elev (ft)	Description	Wz (lb)	a	b	c	Lateral Fs (lb)	R: 1.50
0.00		0.00	0.00	0.00	0.00	0.00	
5.00		1331.0	0.00	0.03	0.02	18.52	
10.00		1306.6	0.01	0.05	0.03	24.48	
15.00		1282.2	0.02	0.06	0.04	26.83	
20.00		1257.8	0.03	0.07	0.04	27.68	
25.00		1233.3	0.05	0.07	0.04	27.93	
30.00		1208.9	0.08	0.07	0.04	28.05	
35.00		1184.5	0.10	0.07	0.04	28.22	
40.00		1160.1	0.13	0.07	0.03	28.44	
45.00		1135.6	0.17	0.07	0.03	28.58	
46.67	Bot - Section 2	373.13	0.18	0.06	0.03	9.45	
50.00		1398.8	0.21	0.06	0.02	35.65	
53.00	Top - Section 1	1241.5	0.24	0.06	0.02	31.46	
55.00		386.73	0.25	0.05	0.02	9.67	
60.00		951.87	0.30	0.04	0.01	21.89	
65.00		930.50	0.35	0.03	0.01	17.15	
70.00		909.13	0.41	0.01	0.01	9.47	
75.00		887.76	0.47	-0.01	0.01	-0.64	
80.00		866.39	0.54	-0.03	0.01	-10.87	
85.00		845.02	0.61	-0.06	0.02	-18.59	
90.00		823.65	0.68	-0.08	0.03	-22.80	
94.25	Bot - Section 3	683.30	0.75	-0.10	0.04	-20.22	
95.00		179.64	0.76	-0.10	0.04	-5.33	
96.38	RB1	328.65	0.78	-0.11	0.05	-9.74	
99.67	Top - Section 2	772.89	0.83	-0.12	0.06	-22.11	
100.00		26.22	0.84	-0.12	0.07	-0.75	
102.13	RT1	166.41	0.88	-0.12	0.08	-4.50	
105.00		221.15	0.93	-0.12	0.10	-5.39	
107.00	Appurtenance(s)	2988.8	0.96	-0.12	0.11	-65.68	
110.00		224.84	1.02	-0.11	0.14	-3.96	
115.00		366.19	1.11	-0.06	0.19	-3.03	
117.00	Appurtenance(s)	3701.2	1.15	-0.04	0.22	-14.12	
120.00	Top - Section 3	212.02	1.21	0.01	0.26	0.78	
125.00		295.88	1.31	0.14	0.35	5.41	
127.00	Appurtenance(s)	2474.7	1.35	0.20	0.39	61.63	
130.00		170.93	1.42	0.32	0.45	6.09	
135.00		277.56	1.53	0.58	0.58	15.50	
137.00	Appurtenance(s)	3267.3	1.58	0.71	0.64	211.48	
140.00		159.94	1.65	0.93	0.73	12.63	
145.00		259.24	1.77	1.39	0.92	27.23	
147.00	Appurtenance(s)	4702.1	1.82	1.61	1.00	547.09	
150.00	Appurtenance(s)	183.95	1.89	1.98	1.14	24.69	
	Totals:	**42,378.2**				**1,078.3**	**Total Wind:** **49,712.3**

Calculated Forces

Structure:	CT01210-S-SBA	**Code:**	TIA-222-G	3/8/2022	
Site Name:	North Stonington	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	B - Competent Rock		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 27	

Tower Engineering Solutions

Load Case: 0.9D + 1.0E

Iterations 21

Gust Response Factor	1.10			**Sds**	0.11			**Ss**	0.16
Dead Load Factor	0.90	**Seismic Load Factor**	1.00	**Sd1**	0.04			**S1**	0.06
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.29	**SA**	0.01	**Seismic Importance Factor**			1.00

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-44.67	-1.29	0.00	-150.46	0.00	150.46	5817.07	2908.54	11858.0	5886.84		0.00	0.00	0.033
5.00	-43.38	-1.28	0.00	-144.02	0.00	144.02	5739.57	2869.78	11485.2	5701.74		0.00	-0.01	0.033
10.00	-41.97	-1.26	0.00	-137.64	0.00	137.64	5652.47	2826.24	11099.3	5510.17		0.02	-0.02	0.032
15.00	-40.58	-1.24	0.00	-131.35	0.00	131.35	5545.82	2772.91	10682.2	5303.14		0.04	-0.03	0.032
20.00	-39.21	-1.21	0.00	-125.17	0.00	125.17	5439.17	2719.58	10273.2	5100.07		0.07	-0.03	0.032
25.00	-37.87	-1.19	0.00	-119.10	0.00	119.10	5332.51	2666.26	9872.18	4900.97		0.11	-0.04	0.031
30.00	-36.54	-1.17	0.00	-113.14	0.00	113.14	5225.86	2612.93	9479.11	4705.83		0.16	-0.05	0.031
35.00	-35.24	-1.14	0.00	-107.31	0.00	107.31	5119.21	2559.60	9094.03	4514.66		0.22	-0.06	0.031
40.00	-33.97	-1.12	0.00	-101.59	0.00	101.59	5012.56	2506.28	8716.92	4327.45		0.29	-0.07	0.030
45.00	-32.71	-1.09	0.00	-95.99	0.00	95.99	4905.90	2452.95	8347.81	4144.20		0.37	-0.08	0.030
46.67	-32.30	-1.09	0.00	-94.17	0.00	94.17	4870.35	2435.18	8226.55	4084.00		0.40	-0.08	0.030
50.00	-30.88	-1.05	0.00	-90.55	0.00	90.55	4799.25	2399.63	7986.68	3964.92		0.46	-0.09	0.029
53.00	-29.62	-1.02	0.00	-87.40	0.00	87.40	4240.56	2120.28	7137.82	3543.51		0.52	-0.10	0.032
55.00	-29.18	-1.01	0.00	-85.36	0.00	85.36	4203.23	2101.62	7012.05	3481.07		0.56	-0.10	0.031
60.00	-28.09	-0.99	0.00	-80.30	0.00	80.30	4109.91	2054.96	6702.51	3327.41		0.67	-0.11	0.031
65.00	-27.02	-0.98	0.00	-75.33	0.00	75.33	4016.59	2008.29	6399.97	3177.21		0.79	-0.12	0.030
70.00	-25.97	-0.97	0.00	-70.43	0.00	70.43	3923.27	1961.63	6104.41	3030.48		0.92	-0.13	0.030
75.00	-24.93	-0.97	0.00	-65.57	0.00	65.57	3829.95	1914.97	5815.84	2887.23		1.06	-0.14	0.029
80.00	-23.92	-0.98	0.00	-60.70	0.00	60.70	3736.63	1868.31	5534.25	2747.44		1.21	-0.15	0.028
85.00	-22.92	-0.98	0.00	-55.82	0.00	55.82	3643.31	1821.65	5259.66	2611.12		1.37	-0.16	0.028
90.00	-21.95	-0.98	0.00	-50.93	0.00	50.93	3549.99	1774.99	4992.05	2478.26		1.55	-0.17	0.027
94.25	-21.13	-0.98	0.00	-46.78	0.00	46.78	3470.66	1735.33	4770.08	2368.07		1.70	-0.18	0.026
95.00	-20.90	-0.98	0.00	-46.04	0.00	46.04	3456.66	1728.33	4731.43	2348.88		1.73	-0.18	0.026
96.38	-20.46	-0.98	0.00	-44.69	0.00	44.69	3430.91	1715.45	4660.73	2313.78		1.78	-0.18	0.018
99.67	-19.43	-0.97	0.00	-41.48	0.00	41.48	1458.24	729.12	1997.89	991.83		1.91	-0.19	0.021
100.00	-19.37	-0.98	0.00	-41.16	0.00	41.16	1456.89	728.44	1992.39	989.11		1.92	-0.19	0.032
102.13	-19.00	-0.98	0.00	-39.08	0.00	39.08	1448.11	724.06	1957.30	971.68		2.01	-0.19	0.031
102.13	-19.00	-0.98	0.00	-39.08	0.00	39.08	1448.11	724.06	1957.30	971.68		2.01	-0.19	0.031
105.00	-18.51	-0.98	0.00	-36.28	0.00	36.28	1435.99	717.99	1910.05	948.23		2.12	-0.20	0.051
107.00	-15.62	-0.97	0.00	-34.32	0.00	34.32	1427.33	713.67	1877.17	931.90		2.21	-0.20	0.048
110.00	-15.21	-0.97	0.00	-31.42	0.00	31.42	1414.04	707.02	1827.92	907.46		2.34	-0.21	0.045
115.00	-14.75	-0.97	0.00	-26.56	0.00	26.56	1391.05	695.52	1746.12	866.85		2.57	-0.23	0.041
117.00	-11.36	-0.96	0.00	-24.62	0.00	24.62	1381.56	690.78	1713.52	850.66		2.67	-0.24	0.037
120.00	-11.10	-0.96	0.00	-21.74	0.00	21.74	1367.01	683.50	1664.77	826.46		2.82	-0.24	0.034
120.00	-11.10	-0.96	0.00	-21.74	0.00	21.74	1091.99	545.99	1332.66	661.59		2.82	-0.24	0.043
125.00	-10.71	-0.95	0.00	-16.95	0.00	16.95	1075.35	537.67	1272.10	631.52		3.08	-0.26	0.037
127.00	-8.44	-0.88	0.00	-15.04	0.00	15.04	1068.40	534.20	1247.88	619.50		3.19	-0.26	0.032
130.00	-8.22	-0.88	0.00	-12.39	0.00	12.39	1057.66	528.83	1211.58	601.48		3.36	-0.27	0.028
135.00	-7.86	-0.86	0.00	-8.00	0.00	8.00	1038.92	519.46	1151.22	571.51		3.64	-0.28	0.022
137.00	-4.88	-0.64	0.00	-6.28	0.00	6.28	1031.13	515.57	1127.15	559.57		3.76	-0.28	0.016
140.00	-4.70	-0.62	0.00	-4.37	0.00	4.37	1019.14	509.57	1091.15	541.69		3.93	-0.28	0.013
145.00	-4.42	-0.59	0.00	-1.26	0.00	1.26	998.31	499.16	1031.47	512.07		4.23	-0.29	0.007
147.00	-0.17	-0.03	0.00	-0.08	0.00	0.08	989.69	494.84	1007.74	500.29		4.35	-0.29	0.000
150.00	0.00	-0.02	0.00	0.00	0.00	0.00	976.44	488.22	972.32	482.70		4.53	-0.29	0.000

Wind Loading - Shaft

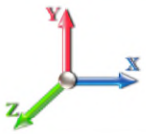
Structure:	CT01210-S-SBA	**Code:**	TIA-222-G	3/8/2022	
Site Name:	North Stonington	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	B - Competent Rock		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 28	

Tower Engineering Solutions

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 23

Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.85	7.442	8.19	235.00	0.750	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	7.442	8.19	230.77	0.750	0.000	5.00	21.050	15.79	129.2	0.0	1331.1
10.00		1.00	0.85	7.442	8.19	226.54	0.750	0.000	5.00	20.668	15.50	126.9	0.0	1306.7
15.00		1.00	0.85	7.442	8.19	222.31	0.750	0.000	5.00	20.286	15.21	124.5	0.0	1282.2
20.00		1.00	0.90	7.896	8.69	224.64	0.750	0.000	5.00	19.903	14.93	129.7	0.0	1257.8
25.00		1.00	0.95	8.276	9.10	225.52	0.750	0.000	5.00	19.521	14.64	133.3	0.0	1233.4
30.00		1.00	0.98	8.600	9.46	225.34	0.750	0.000	5.00	19.139	14.35	135.8	0.0	1209.0
35.00		1.00	1.01	8.883	9.77	224.41	0.750	0.000	5.00	18.756	14.07	137.5	0.0	1184.5
40.00		1.00	1.04	9.137	10.05	222.90	0.750	0.000	5.00	18.374	13.78	138.5	0.0	1160.1
45.00		1.00	1.07	9.366	10.30	220.93	0.750	0.000	5.00	17.991	13.49	139.0	0.0	1135.7
46.67	Bot - Section 2	1.00	1.08	9.438	10.38	220.19	0.750	0.000	1.67	5.912	4.43	46.0	0.0	373.1
50.00		1.00	1.09	9.576	10.53	218.60	0.750	0.000	3.33	11.945	8.96	94.4	0.0	1398.8
53.00	Top - Section 1	1.00	1.11	9.694	10.66	217.04	0.750	0.000	3.00	10.605	7.95	84.8	0.0	1241.5
55.00		1.00	1.12	9.770	10.75	220.67	0.750	0.000	2.00	6.994	5.25	56.4	0.0	386.7
60.00		1.00	1.14	9.951	10.95	217.80	0.750	0.000	5.00	17.216	12.91	141.3	0.0	951.9
65.00		1.00	1.16	10.120	11.13	214.71	0.750	0.000	5.00	16.834	12.63	140.5	0.0	930.5
70.00		1.00	1.17	10.279	11.31	211.42	0.750	0.000	5.00	16.451	12.34	139.5	0.0	909.1
75.00		1.00	1.19	10.430	11.47	207.96	0.750	0.000	5.00	16.069	12.05	138.3	0.0	887.8
80.00		1.00	1.21	10.572	11.63	204.33	0.750	0.000	5.00	15.687	11.77	136.8	0.0	866.4
85.00		1.00	1.22	10.708	11.78	200.57	0.750	0.000	5.00	15.304	11.48	135.2	0.0	845.0
90.00		1.00	1.24	10.838	11.92	196.67	0.750	0.000	5.00	14.922	11.19	133.4	0.0	823.6
94.25	Bot - Section 3	1.00	1.25	10.943	12.04	193.27	0.750	0.000	4.25	12.383	9.29	111.8	0.0	683.3
95.00		1.00	1.25	10.962	12.06	192.66	0.750	0.000	0.75	2.184	1.64	19.8	0.0	179.6
96.38	RB1	1.00	1.26	10.995	12.09	191.53	0.750	0.000	1.38	3.997	3.00	36.3	0.0	328.6
99.67	Top - Section 2	1.00	1.26	11.073	12.18	188.82	0.750	0.000	3.29	9.402	7.05	85.9	0.0	772.9
100.00		1.00	1.27	11.081	12.19	191.05	0.750	0.000	0.33	0.944	0.71	8.6	0.0	26.2
102.13	RT1	1.00	1.27	11.130	12.24	189.27	0.750	0.000	2.13	5.994	4.50	55.0	0.0	166.4
105.00		1.00	1.28	11.195	12.31	186.85	0.750	0.000	2.87	7.967	5.98	73.6	0.0	221.2
107.00	Appurtenance(s)	1.00	1.28	11.240	12.36	185.14	0.750	0.000	2.00	5.477	4.11	50.8	0.0	152.0
110.00		1.00	1.29	11.305	12.44	182.55	0.750	0.000	3.00	8.101	6.08	75.6	0.0	224.8
115.00		1.00	1.30	11.412	12.55	178.17	0.750	0.000	5.00	13.196	9.90	124.2	0.0	366.2
117.00	Appurtenance(s)	1.00	1.31	11.453	12.60	176.39	0.750	0.000	2.00	5.171	3.88	48.9	0.0	143.5
120.00	Top - Section 3	1.00	1.32	11.514	12.67	173.71	0.750	0.000	3.00	7.642	5.73	72.6	0.0	212.0
125.00		1.00	1.33	11.614	12.78	169.17	0.750	0.000	5.00	12.431	9.32	119.1	0.0	295.9
127.00	Appurtenance(s)	1.00	1.33	11.653	12.82	167.34	0.750	0.000	2.00	4.866	3.65	46.8	0.0	115.8
130.00		1.00	1.34	11.710	12.88	164.56	0.750	0.000	3.00	7.184	5.39	69.4	0.0	170.9
135.00		1.00	1.35	11.803	12.98	159.89	0.750	0.000	5.00	11.667	8.75	113.6	0.0	277.6
137.00	Appurtenance(s)	1.00	1.35	11.840	13.02	158.00	0.750	0.000	2.00	4.560	3.42	44.5	0.0	108.5
140.00		1.00	1.36	11.894	13.08	155.16	0.750	0.000	3.00	6.725	5.04	66.0	0.0	159.9
145.00		1.00	1.37	11.982	13.18	150.36	0.750	0.000	5.00	10.902	8.18	107.8	0.0	259.2
147.00	Appurtenance(s)	1.00	1.37	12.017	13.22	148.43	0.750	0.000	2.00	4.254	3.19	42.2	0.0	101.1
150.00	Appurtenance(s)	1.00	1.38	12.068	13.27	145.51	0.750	0.000	3.00	6.266	4.70	62.4	0.0	148.9
								Totals:	**150.00**			**3,875.8**		**25,829.7**

Discrete Appurtenance Forces

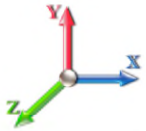
Structure:	CT01210-S-SBA	**Code:**	TIA-222-G	3/8/2022	
Site Name:	North Stonington	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	B - Competent Rock		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 29	

Tower Engineering Solutions

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 23

No.	Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orient Factor x Ka	Ka	Total CaAa (sf)	Dead Load (lb)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)
1	150.00	Lightning Rod	1	12.127	13.340	1.00	1.00	1.05	35.00	0.000	3.500	14.01	0.00	49.02
2	147.00	Ericsson 4449 B71 + B85	3	12.017	13.219	0.50	0.75	2.94	225.00	0.000	0.000	38.86	0.00	0.00
3	147.00	Commscope VV-65A-R1	3	12.017	13.219	0.55	0.75	9.72	71.43	0.000	0.000	128.53	0.00	0.00
4	147.00	RFS	3	12.017	13.219	0.54	0.75	32.79	368.40	0.000	0.000	433.42	0.00	0.00
5	147.00	Ericsson KRY 112 144/1	3	12.017	13.219	0.45	0.75	0.47	33.06	0.000	0.000	6.25	0.00	0.00
6	147.00	Ericsson AIR6449 B41	3	12.017	13.219	0.53	0.75	9.03	309.00	0.000	0.000	119.31	0.00	0.00
7	147.00	Platform w/ Hand Rail	1	12.017	13.219	1.00	1.00	40.00	2000.00	0.000	0.000	528.75	0.00	0.00
8	147.00	Tie Back Kit (Commscope	1	12.017	13.219	1.00	1.00	4.17	123.10	0.000	0.000	55.12	0.00	0.00
9	147.00	Rreinforcement Kit	1	12.017	13.219	1.00	1.00	9.50	517.00	0.000	0.000	125.58	0.00	0.00
10	147.00	V-Brace Kit (Sitepro	1	12.017	13.219	1.00	1.00	6.30	642.00	0.000	0.000	83.28	0.00	0.00
11	147.00	Ericsson 4460 B25 + B66	3	12.017	13.219	0.50	0.75	3.23	312.00	0.000	0.000	42.64	0.00	0.00
12	137.00	Nokia B2/B66A RRH	3	11.840	13.024	0.50	0.75	2.83	114.90	0.000	0.000	36.91	0.00	0.00
13	137.00	Antel BXA-70063-6CF	3	11.840	13.024	0.58	0.75	13.29	51.00	0.000	0.000	173.03	0.00	0.00
14	137.00	Samsung MT6407-77A	3	11.840	13.024	0.52	0.75	7.39	238.20	0.000	0.000	96.21	0.00	0.00
15	137.00	Andrew JAHH-65B-R3B	6	11.840	13.024	0.46	0.75	25.39	386.22	0.000	0.000	330.67	0.00	0.00
16	137.00	Commscope	3	11.840	13.024	0.45	0.75	0.76	62.16	0.000	0.000	9.85	0.00	0.00
17	137.00	Low Profile Platform (Site	1	11.840	13.024	1.00	1.00	33.60	1671.87	0.000	0.000	437.61	0.00	0.00
18	137.00	Nokia B5/B13	3	11.840	13.024	0.50	0.75	2.83	95.70	0.000	0.000	36.91	0.00	0.00
19	137.00	RFS DB-B1-6C-12AB-0Z	2	11.840	13.024	0.50	0.75	3.81	64.00	0.000	0.000	49.61	0.00	0.00
20	137.00	Handrail Kit (Site Pro1	1	11.840	13.024	1.00	1.00	6.75	272.43	0.000	0.000	87.91	0.00	0.00
21	137.00	Mount Kit (Commscope	3	11.840	13.024	0.38	0.75	0.10	202.38	0.000	0.000	1.32	0.00	0.00
22	127.00	Platform w/HRK	1	11.653	12.818	1.00	1.00	37.59	1727.00	0.000	0.000	481.82	0.00	0.00
23	127.00	Fujitsu TA08025-B604	3	11.653	12.818	0.50	0.75	2.95	191.79	0.000	0.000	37.87	0.00	0.00
24	127.00	Fujitsu TA08025-B605	3	11.653	12.818	0.50	0.75	2.95	224.85	0.000	0.000	37.87	0.00	0.00
25	127.00	JMA Wireless	3	11.653	12.818	0.55	0.75	20.80	193.50	0.000	0.000	266.56	0.00	0.00
26	127.00	Raycap	1	11.653	12.818	0.50	0.75	1.01	21.85	0.000	0.000	12.95	0.00	0.00
27	117.00	ALU TD-RRH8x20-25	3	11.453	12.598	0.50	0.75	6.11	210.00	0.000	0.000	76.92	0.00	0.00
28	117.00	ALU 800 Mhz	6	11.453	12.598	0.50	0.75	7.51	318.00	0.000	0.000	94.58	0.00	0.00
29	117.00	ALU 1900 Mhz	3	11.453	12.598	0.50	0.75	4.18	180.00	0.000	0.000	52.61	0.00	0.00
30	117.00	RFS APXVTM14-C-I20	3	11.453	12.598	0.58	0.75	10.98	168.60	0.000	0.000	138.38	0.00	0.00
31	117.00	Commscope	3	11.514	12.666	0.60	0.75	22.09	232.20	0.000	3.000	279.74	0.00	839.21
32	117.00	Sitepro RMQP-496-HK	1	11.453	12.598	1.00	1.00	46.00	2449.00	0.000	0.000	579.53	0.00	0.00
33	107.00	Site Pro HRK14	1	11.240	12.364	1.00	1.00	8.13	302.36	0.000	0.000	100.52	0.00	0.00
34	107.00	Ericsson 4449 B5/B12	3	11.240	12.364	0.50	0.75	2.49	210.00	0.000	0.000	30.75	0.00	0.00
35	107.00	Ericsson RRUS 4478 B14	3	11.240	12.364	0.50	0.75	2.77	179.70	0.000	0.000	34.29	0.00	0.00
36	107.00	Ericsson 8843 B2 B66A	3	11.240	12.364	0.50	0.75	2.49	225.00	0.000	0.000	30.75	0.00	0.00
37	107.00	Raycap	1	11.240	12.364	0.50	0.75	2.40	16.00	0.000	0.000	29.70	0.00	0.00
38	107.00	Raycap DC6-48-60-18-8F	1	11.240	12.364	0.50	0.75	0.46	31.80	0.000	0.000	5.72	0.00	0.00
39	107.00	Cci DMP65R-BU8DA	6	11.240	12.364	0.75	0.75	60.70	234.00	0.000	0.000	750.54	0.00	0.00
40	107.00	Powerwave 7770	3	11.240	12.364	0.55	0.75	9.03	105.00	0.000	0.000	111.69	0.00	0.00
41	107.00	Powerwave/LGP21401	6	11.240	12.364	0.45	0.75	0.73	33.00	0.000	0.000	9.01	0.00	0.00
42	107.00	Low Profile Platform	1	11.240	12.364	1.00	1.00	22.00	1500.00	0.000	0.000	272.00	0.00	0.00
							Totals:		**16,548.50**			**6,269.55**		

Total Applied Force Summary

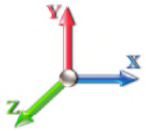
Structure:	CT01210-S-SBA		**Code:**	TIA-222-G	3/8/2022
Site Name:	North Stonington		**Exposure:**	C	
Height:	150.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	B - Competent Rock	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 30

Tower Engineering Solutions

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 23

Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
5.00		129.24	1435.11	0.00	0.00
10.00		126.89	1566.73	0.00	0.00
15.00		124.55	1542.31	0.00	0.00
20.00		129.66	1517.89	0.00	0.00
25.00		133.28	1493.46	0.00	0.00
30.00		135.79	1469.04	0.00	0.00
35.00		137.46	1444.61	0.00	0.00
40.00		138.50	1420.19	0.00	0.00
45.00		139.02	1395.77	0.00	0.00
46.67		46.04	459.83	0.00	0.00
50.00		94.37	1572.22	0.00	0.00
53.00		84.82	1397.59	0.00	0.00
55.00		56.37	490.77	0.00	0.00
60.00		141.34	1211.95	0.00	0.00
65.00		140.55	1190.58	0.00	0.00
70.00		139.51	1169.21	0.00	0.00
75.00		138.26	1147.84	0.00	0.00
80.00		136.82	1126.47	0.00	0.00
85.00		135.20	1105.10	0.00	0.00
90.00		133.42	1083.73	0.00	0.00
94.25		111.80	904.37	0.00	0.00
95.00		19.75	264.59	0.00	0.00
96.38		36.26	484.97	0.00	0.00
99.67		85.89	1145.19	0.00	0.00
100.00		8.63	63.98	0.00	0.00
102.13		55.04	407.68	0.00	0.00
105.00		73.58	546.25	0.00	0.00
107.00	(28) attachments	1425.76	3215.44	0.00	0.00
110.00		75.56	452.90	0.00	0.00
115.00		124.24	516.57	0.00	0.00
117.00	(19) attachments	1270.62	3761.44	0.00	839.21
120.00		72.60	290.80	0.00	0.00
125.00		119.11	427.18	0.00	0.00
127.00	(11) attachments	883.85	2527.30	0.00	0.00
130.00		69.40	244.25	0.00	0.00
135.00		113.61	399.76	0.00	0.00
137.00	(28) attachments	1304.55	3316.20	0.00	0.00
140.00		65.99	194.98	0.00	0.00
145.00		107.77	317.64	0.00	0.00
147.00	(22) attachments	1603.91	4725.48	0.00	0.00
150.00	(1) attachments	76.39	183.95	0.00	49.02
	Totals:	**10,145.37**	**49,631.31**	**0.00**	**888.23**

Linear Appurtenance Segment Forces (Factored)

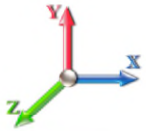
Structure:	CT01210-S-SBA	**Code:**	TIA-222-G	3/8/2022	
Site Name:	North Stonington	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	B - Competent Rock		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 31	

Tower Engineering Solutions

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 23

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
95.00	6"x1" Link Plate	Yes	0.75	0.000	1.00	0.06	0.00	0.029	0.000	10.962	0.00	45.95
96.38	6"x1" Link Plate	Yes	1.38	0.000	1.00	0.11	0.00	0.029	0.000	10.995	0.00	84.54
99.67	6"x1" Link Plate	Yes	3.29	0.000	1.00	0.27	0.00	0.030	0.000	11.073	0.00	201.34
100.00	6"x1" Link Plate	Yes	0.33	0.000	1.00	0.03	0.00	0.029	0.000	11.081	0.00	20.42
102.13	6"x1" Link Plate	Yes	2.13	0.000	1.00	0.18	0.00	0.030	0.000	11.130	0.00	130.48
105.00	6"x1" Link Plate	Yes	2.87	0.000	1.00	0.24	0.00	0.030	0.000	11.195	0.00	175.82
107.00	6"x1" Link Plate	Yes	2.00	0.000	1.00	0.17	0.00	0.030	0.000	11.240	0.00	122.52
110.00	6"x1" Link Plate	Yes	2.25	0.000	1.00	0.19	0.00	0.023	0.000	11.305	0.00	137.84
										Totals:	**0.0**	**918.9**

Calculated Forces

Structure:	CT01210-S-SBA	**Code:**	TIA-222-G	3/8/2022	
Site Name:	North Stonington	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	B - Competent Rock		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 32	

Tower Engineering Solutions

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00

Iterations 23

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-49.63	-10.17	0.00	-1142.5	0.00	1142.56	5817.07	2908.54	11858.0	5886.84	0.00	0.000	0.000	0.203
5.00	-48.18	-10.10	0.00	-1091.7	0.00	1091.70	5739.57	2869.78	11485.2	5701.74	0.03	-0.065	0.000	0.200
10.00	-46.60	-10.02	0.00	-1041.2	0.00	1041.21	5652.47	2826.24	11099.3	5510.17	0.14	-0.131	0.000	0.197
15.00	-45.05	-9.95	0.00	-991.10	0.00	991.10	5545.82	2772.91	10682.2	5303.14	0.31	-0.197	0.000	0.195
20.00	-43.52	-9.86	0.00	-941.38	0.00	941.38	5439.17	2719.58	10273.2	5100.07	0.55	-0.263	0.000	0.193
25.00	-42.01	-9.77	0.00	-892.07	0.00	892.07	5332.51	2666.26	9872.18	4900.97	0.86	-0.330	0.000	0.190
30.00	-40.54	-9.67	0.00	-843.23	0.00	843.23	5225.86	2612.93	9479.11	4705.83	1.25	-0.397	0.000	0.187
35.00	-39.08	-9.57	0.00	-794.88	0.00	794.88	5119.21	2559.60	9094.03	4514.66	1.70	-0.465	0.000	0.184
40.00	-37.65	-9.46	0.00	-747.04	0.00	747.04	5012.56	2506.28	8716.92	4327.45	2.22	-0.532	0.000	0.180
45.00	-36.25	-9.34	0.00	-699.73	0.00	699.73	4905.90	2452.95	8347.81	4144.20	2.81	-0.600	0.000	0.176
46.67	-35.78	-9.31	0.00	-684.17	0.00	684.17	4870.35	2435.18	8226.55	4084.00	3.03	-0.623	0.000	0.175
50.00	-34.21	-9.22	0.00	-653.14	0.00	653.14	4799.25	2399.63	7986.68	3964.92	3.48	-0.668	0.000	0.172
53.00	-32.80	-9.14	0.00	-625.47	0.00	625.47	4240.56	2120.28	7137.82	3543.51	3.91	-0.709	0.000	0.184
55.00	-32.31	-9.10	0.00	-607.20	0.00	607.20	4203.23	2101.62	7012.05	3481.07	4.22	-0.736	0.000	0.182
60.00	-31.09	-8.99	0.00	-561.67	0.00	561.67	4109.91	2054.96	6702.51	3327.41	5.02	-0.807	0.000	0.176
65.00	-29.89	-8.86	0.00	-516.75	0.00	516.75	4016.59	2008.29	6399.97	3177.21	5.91	-0.877	0.000	0.170
70.00	-28.71	-8.74	0.00	-472.43	0.00	472.43	3923.27	1961.63	6104.41	3030.48	6.86	-0.945	0.000	0.163
75.00	-27.55	-8.61	0.00	-428.73	0.00	428.73	3829.95	1914.97	5815.84	2887.23	7.89	-1.013	0.000	0.156
80.00	-26.42	-8.49	0.00	-385.66	0.00	385.66	3736.63	1868.31	5534.25	2747.44	8.98	-1.078	0.000	0.147
85.00	-25.31	-8.36	0.00	-343.24	0.00	343.24	3643.31	1821.65	5259.66	2611.12	10.15	-1.141	0.000	0.138
90.00	-24.22	-8.22	0.00	-301.46	0.00	301.46	3549.99	1774.99	4992.05	2478.26	11.37	-1.200	0.000	0.128
94.25	-23.31	-8.10	0.00	-266.51	0.00	266.51	3470.66	1735.33	4770.08	2368.07	12.46	-1.249	0.000	0.119
95.00	-23.05	-8.08	0.00	-260.43	0.00	260.43	3456.66	1728.33	4731.43	2348.88	12.66	-1.258	0.000	0.118
96.38	-22.56	-8.04	0.00	-249.27	0.00	249.27	3430.91	1715.45	4660.73	2313.78	13.03	-1.273	0.000	0.083
99.67	-21.42	-7.94	0.00	-222.84	0.00	222.84	1458.24	729.12	1997.89	991.83	13.91	-1.298	0.000	0.092
100.00	-21.35	-7.93	0.00	-220.19	0.00	220.19	1456.89	728.44	1992.39	989.11	14.00	-1.300	0.000	0.138
102.13	-20.94	-7.88	0.00	-203.29	0.00	203.29	1448.11	724.06	1957.30	971.68	14.59	-1.324	0.000	0.129
102.13	-20.94	-7.88	0.00	-203.29	0.00	203.29	1448.11	724.06	1957.30	971.68	14.59	-1.324	0.000	0.129
105.00	-20.39	-7.80	0.00	-180.68	0.00	180.68	1435.99	717.99	1910.05	948.23	15.39	-1.353	0.000	0.205
107.00	-17.21	-6.31	0.00	-165.08	0.00	165.08	1427.33	713.67	1877.17	931.90	15.97	-1.387	0.000	0.189
110.00	-16.75	-6.24	0.00	-146.14	0.00	146.14	1414.04	707.02	1827.92	907.46	16.86	-1.433	0.000	0.173
115.00	-16.23	-6.12	0.00	-114.93	0.00	114.93	1391.05	695.52	1746.12	866.85	18.40	-1.502	0.000	0.144
117.00	-12.50	-4.76	0.00	-101.85	0.00	101.85	1381.56	690.78	1713.52	850.66	19.03	-1.527	0.000	0.129
120.00	-12.21	-4.68	0.00	-87.58	0.00	87.58	1367.01	683.50	1664.77	826.46	20.00	-1.561	0.000	0.115
120.00	-12.21	-4.68	0.00	-87.58	0.00	87.58	1091.99	545.99	1332.66	661.59	20.00	-1.561	0.000	0.144
125.00	-11.79	-4.56	0.00	-64.16	0.00	64.16	1075.35	537.67	1272.10	631.52	21.66	-1.609	0.000	0.113
127.00	-9.28	-3.61	0.00	-55.04	0.00	55.04	1068.40	534.20	1247.88	619.50	22.34	-1.628	0.000	0.098
130.00	-9.04	-3.54	0.00	-44.22	0.00	44.22	1057.66	528.83	1211.58	601.48	23.37	-1.653	0.000	0.082
135.00	-8.64	-3.41	0.00	-26.53	0.00	26.53	1038.92	519.46	1151.22	571.51	25.12	-1.684	0.000	0.055
137.00	-5.36	-2.01	0.00	-19.70	0.00	19.70	1031.13	515.57	1127.15	559.57	25.83	-1.693	0.000	0.040
140.00	-5.17	-1.94	0.00	-13.66	0.00	13.66	1019.14	509.57	1091.15	541.69	26.90	-1.703	0.000	0.030
145.00	-4.86	-1.83	0.00	-3.95	0.00	3.95	998.31	499.16	1031.47	512.07	28.69	-1.713	0.000	0.013
147.00	-0.18	-0.08	0.00	-0.29	0.00	0.29	989.69	494.84	1007.74	500.29	29.40	-1.714	0.000	0.001
150.00	0.00	-0.08	0.00	-0.05	0.00	0.05	976.44	488.22	972.32	482.70	30.48	-1.714	0.000	0.000

Final Analysis Summary

Structure:	CT01210-S-SBA	**Code:**	TIA-222-G	3/8/2022	
Site Name:	North Stonington	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	B - Competent Rock		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 33	

Tower Engineering Solutions

Reactions

Load Case	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)
1.2D + 1.6W 105 mph Wind	49.9	0.00	59.41	0.00	0.00	5634.49
0.9D + 1.6W 105 mph Wind	49.8	0.00	44.53	0.00	0.00	5555.03
1.2D + 1.0Di + 1.0Wi 50 mph Wind	12.0	0.00	90.27	0.00	0.00	1393.62
1.2D + 1.0E	1.3	0.00	59.56	0.00	0.00	152.79
0.9D + 1.0E	1.3	0.00	44.67	0.00	0.00	150.46
1.0D + 1.0W 60 mph Wind	10.2	0.00	49.63	0.00	0.00	1142.56

Max Stresses

Load Case	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Elev (ft)	Stress Ratio
1.2D + 1.6W 105 mph Wind	-59.41	-49.88	0.00	-5634.4	0.00	-5634.4	5817.07	2908.5	11858.0	5886.84	0.00	0.968
0.9D + 1.6W 105 mph Wind	-44.53	-49.84	0.00	-5555.0	0.00	-5555.0	5817.07	2908.5	11858.0	5886.84	0.00	0.952
1.2D + 1.0Di + 1.0Wi 50 mph Wind	-46.46	-9.88	0.00	-216.63	0.00	-216.63	1435.99	717.99	1910.05	948.23	105.00	0.261
1.2D + 1.0E	-24.69	-1.00	0.00	-36.93	0.00	-36.93	1435.99	717.99	1910.05	948.23	105.00	0.056
0.9D + 1.0E	-18.51	-0.98	0.00	-36.28	0.00	-36.28	1435.99	717.99	1910.05	948.23	105.00	0.051
1.0D + 1.0W 60 mph Wind	-20.39	-7.80	0.00	-180.68	0.00	-180.68	1435.99	717.99	1910.05	948.23	105.00	0.205

Additional Steel Summary

			Intermediate Connectors			Lower Termination				Upper Termination				Max Member			
Elev From (ft)	Elev To (ft)	Member	VQ/I (lb/in)	Vu (kips)	phi Vn (kips)	MQ/I (kips)	phi Vn (kips)	Num Reqd	Num Actual	MQ/I (kips)	phi Vn (kips)	Num Reqd	Num Actual	Pu (kips)	phi Pn (kips)	phi Tn (kips)	Ratio
96.4	102.1	(3) LNP-LP6X100-G-10TT	716.1	17.19	25.3	172.5	25.3	7	9	221.7	25.3	9	9	235.82	297.8	288.75	0.817

Base Plate Summary

Structure:	CT01210-S-SB	**Code:**	TIA-222-G	3/8/2022	
Site Name:	North Stonington	**Exposure:**	C		
Height:	150.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	B - Competent Rock		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 34	

Tower Engineering Solutions

Reactions	
Original Design	
Moment (kip-ft):	4272.00
Axial (kip):	55.10
Shear (kip):	28.10
Analysis (1.2D + 1.6W)	
Moment (kip-ft):	5634.49
Axial (kip):	59.41
Shear (kip):	49.88

Base Plate	
Yield (ksi):	60.00
Width (in):	64.26
Style:	Polygon
Polygon Sides:	16.00
Clip Length (in):	0.00
Effective Len (in):	12.35
Moment (kip-in):	977.26
Allow Stress (ksi):	81.00
Applied Stress (ksi):	62.37
Stress Ratio:	0.77

Anchor Bolts	
Bolt Circle:	58.26
Number Bolts:	20.00
Bolt Type:	2.25" 18J
Bolt Diameter (in):	2.25
Yield (ksi):	75.00
Ultimate (ksi):	100.00
Arrangement:	Radial
Cluster Dist (in):	0.00
Start Angle (deg):	0.00
Compression	
Force (kip):	236.62
Allowable (kip):	260.00
Ratio:	0.93
Tension	
Force (kip):	227.60
Allowable (kip):	260.00
Ratio:	0.89

Monopole Mat Foundation Design

				Date
				3/2/2022
	Customer Name:	SBA Comumunication Corp	**EIA/TIA Standard:**	EIA-222-G
	Site Name:	North Stonington	**Structure Height (Ft.):**	150
	Site Number:	CT01210-S-SBA	**Engineer Name:**	W. Velez
	Engr. Number:	125544	**Engineer Login ID:**	

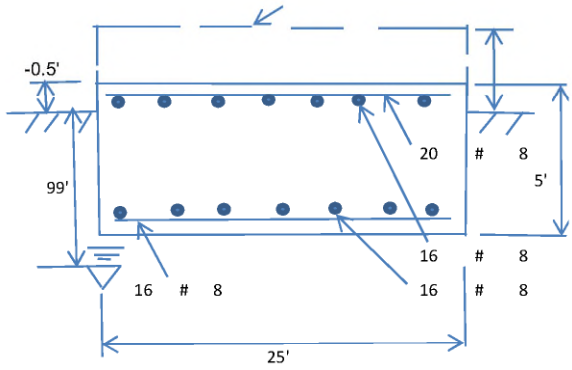
Foundation Info Obtained from: Drawings/Calculations

Structure Type: Monopole

Analysis or Design? Analysis

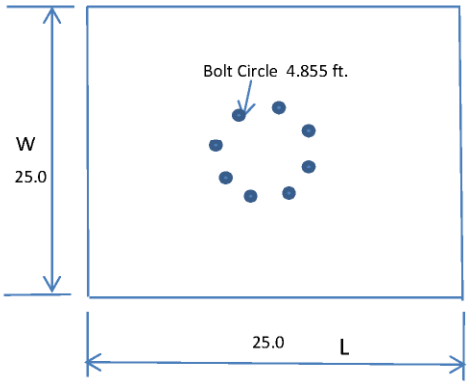
Base Reactions (Factored):

Axial Load (Kips):	59.4	Shear Force (Kips):	49.9
Uplift Force (Kips):	0.0	Moment (Kips-ft):	5634.5
Allowable overstress %:	5.0%		



Foundation Geometries:

		Mods required -Yes/No ?:	No
Anchor Bolt Circle (ft.):	4.86	Depth of Base BG (ft.):	5.50
Thickness of Pad (ft):	5.00		
Length of Pad (ft.):	25	Width of Pad (ft.):	25
Final Length of pad (ft)	25.0	Final width of pad (ft):	25.0



Material Properties and Reabr Info:

Concrete Strength (psi):	3000	Steel Elastic Modulus:	29000	ksi
Pad Rebar Yield (Ksi):	60	Tie Spacing (in):	12.0	
Pad Steel Rebar Size (#):	8			
Concrete Cover (in.):	3	Unit Weight of Concrete:	150.0	pcf
Rebar at the bottom of the concrete pad:				
Qty. of Rebar in Pad (L):	20	Qty. of Rebar in Pad (W):	20	
Rebar at the top of the concrete pad:				
Qty. of Rebar in Pad (L):	16	Qty. of Rebar in Pad (W):	16	
Apply 1.35 factor for e/w Per G:	1.35			

Soil Design Parameters:

Water Table B.G.S. (ft):	99.0	Unit Weight of Water:	62.4	pcf	Angle from Top of Pad:	30
Ultimate Bearing Pressure (psf):	18000	Ultimate Skin Friction:		Psf	Angle from Bottm of Pad:	25
Consider Friction for O.T.M. (Y/N):	No	Consider Friction for bearing (Y/N):	No		Angle from Bottm of Pad:	25
Consider soil hor. resist. for OTM.:	Yes	Reduction factor on the maximum soil bearing pressure:	1.00			

Foundation Analysis and Design: Uplift Strength Reduction Factor: 0.75 — Compression Strength Reduction Factor: 0.75

Total Dry Soil Volume (cu. Ft.):	301.24	Total Dry Soil Weight (Kips):	30.12
Total Buoyant Soil Volume (cu. Ft.):	0.00	Total Buoyant Soil Weight (Kips):	0.00
Total Effective Soil Weight (Kips):	30.12	Weight from the Concrete Block at Top (K):	0.00
Total Dry Concrete Volume (cu. Ft.):	3125.00	Total Dry Concrete Weight (Kips):	468.75
Total Buoyant Concrete Volume (cu. Ft.):	0.00	Total Buoyant Concrete Weight (Kips):	0.00
Total Effective Concrete Weight (Kips):	468.75	Total Vertical Load on Base (Kips):	558.28

Check Soil Capacities:

				Load/ Capacity Ratio	
Calculated Maxium Net Soil Pressure under the base (psf):	5003	<	Allowable Factored Soil Bearing (psf): 13500	0.37	OK!
Allowable Foundation Overturning Resistance (kips-ft.):	6355.0	>	Design Factored Momont (kips-ft): 5779	0.91	OK!
Factor of Safety Against Overturning (O. R. Moment/Design Moment):	1.10	OK!			

Check the capacities of Reinforceing Concrete:

Strength reduction factor (Flexure and axial tension):	0.90	Strength reduction factor (Shear):	0.75		
Strength reduction factor (Axial compresion):	0.65	Wind Load Factor on Concrete Design:	1.00		

Concrete Pad:

One-Way Design Shear Capacity (L-Direction, Kips):	1392.6	>	One-Way Factored Shear (L-D. Kips):	333.1	0.24	OK!
One-Way Design Shear Capacity (W-Direction, Kips):	1392.6	>	One-Way Factored Shear (W-D., Kips)	333.1	0.24	OK!
One-Way Design Shear Capacity (Corner-Corner. Kips):	1671.1	>	One-Way Factored Shear (C-C, Kips):	827.6	0.50	OK!
Lower Steel Pad Reinforcement Ratio (L-Direct.):	0.0009	OK!	Lower Steel Pad Reinf. Ratio (W-Direc	0.0009		
Lower Steel Pad Moment Capacity (L-Direction. Kips-ft):	3973.1	>	Moment at Bottom (L-Direct. K-Ft):	851.8	0.21	OK!
Lower Steel Pad Moment Capacity (W-Direction. Kips-ft):	3973.1	>	Moment at Bottom (W-Direct. K-Ft):	851.8	0.21	OK!
Lower Steel Pad Moment Capacity (Corner-Corner,K-ft):	5607.7	>	Moment at Bottom (C-C Dir. K-Ft):	1204.7	0.21	OK!
Upper Steel Pad Reinforcement Ratio (L-Direct.):	0.0007	OK!	Upper Steel Reinf. Ratio (W-Direct.):	0.0007		
Upper Steel Pad Moment Capacity (L-Direction. Kips-ft):	3185.5	>	Moment at the top (L-Dir Kips-Ft):	357.6	0.11	OK!
Upper Steel Pad Moment Capacity (W-Direction. Kips-ft):	3185.5	>	Moment at the top (W-Dir Kips-Ft):	357.6	0.11	OK!
Upper Steel Pad Moment Capacity (Corner-Corner. K-ft):	4497.9	>	Moment at the top (C-C Direc. K-Ft):	818.5	0.18	OK!

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

New/Replacement Antenna Mount Analysis Report and PMI Requirements

Mount Analysis-R

SMART Tool Project #: 10112964
Maser Consulting Connecticut Project #: 21781080A

October 27, 2021

Site Information	*Site ID:*	*468327-VZW / NORTH STONINGTON 3 CT*
	Site Name:	*NORTH STONINGTON 3 CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*267 Norwich Westerly Rd* *Stonington, Connecticut 06359* *New London County*
	Latitude:	*41.436967°*
	Longitude:	*-71.881972°*
Structure Information	*Tower Type:*	*Monopole*
	Mount Type:	*12.50-Ft Platform*

FUZE ID # 16142489

Analysis Results

Platform: **42.3% 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 may also be Noted on A & E drawings
For additional questions and support, please reach out to:
pmisupport@colliersengineering.com

Report Prepared By: Conner Hoge

Executive Summary:

The objective of this report is to determine the capacity of the proposed antenna support mount at the subject facility for the final wireless telecommunications configuration, per the applicable codes and standards. The proposed mount was assumed to be installed properly to the existing tower per the manufacturer's instructions. Maser Consulting cannot verify that the proposed mount will fit properly and is not liable for any fit-up issues during installation.

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: 324537, dated September 27, 2021*
Mount Mapping Report	*HighTower Solutions Inc, Site #: CT01210, dated April 28, 2020*
Previous Mount Analysis Report	*Maser Consulting, Project #: 21781080A (Rev. 1), dated September 30, 2021*
Specification Drawing	*Site Pro 1, Part #: RMQP-484*
Specification Drawing	*Site Pro 1, Part #: HRK12*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	127 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:	0.999
Seismic Parameters:	S_S:	0.186
	S_1:	0.052
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
136.75	137.00	3	Samsung	MT6407-77A	Added
		6	Andrew	JAHH-65B-R3B	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		3	Commscope	CBC78T-DS-43-2X	
		2	RFS	DB-B1-6C-12AB-0Z	
		3	Antel	BXA-70063-6CF	Retained

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

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

BASELINE mount weight per SBA agreement: 1945.0 lbs

Increase in mount weight due to Verizon loading change per SBA agreement: 745.0 lbs.

The weights listed above include 3 sectors.

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.

3. For mount analyses completed from other data sources (including new replacement mounts) and not specifically mapped in accordance with the NSTD-446 Standard, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	11.7 %	Pass
Standoff Horizontal	32.4 %	Pass
Platform Crossmember	16.2 %	Pass
Mount Pipe	37.1 %	Pass
Dual Mount Pipe	31.8 %	Pass
Corner Plate	17.3 %	Pass
Grating Support	19.5 %	Pass
Cross Arm Plate	34.4 %	Pass
Support Rail	19.4 %	Pass
Support Rail Corner Angle	25.2 %	Pass
Connection	42.3 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**42.3%**

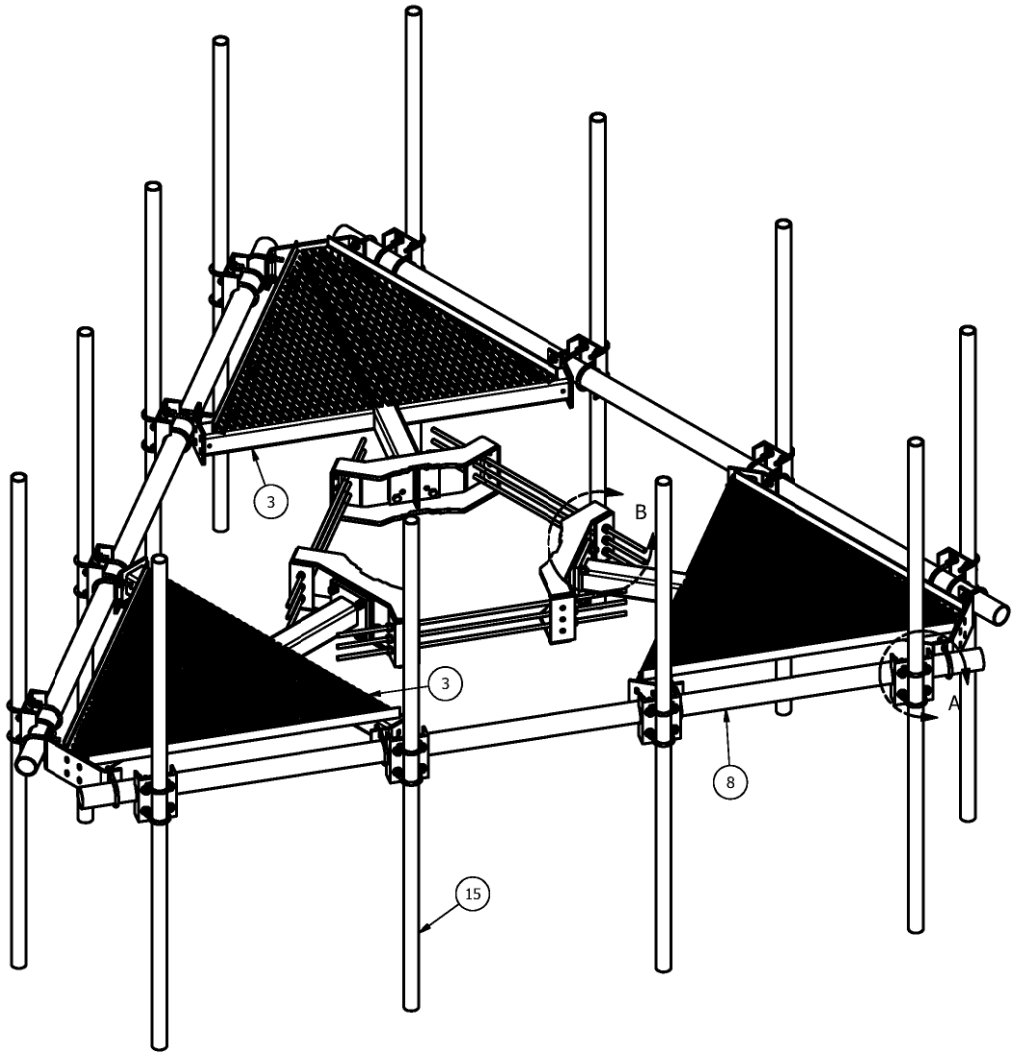
Recommendation:

The proposed antenna mount is **SUFFICIENT** for the final loading configuration once it has been installed in accordance with the notes list in the Post Modification Inspections Report Requirement

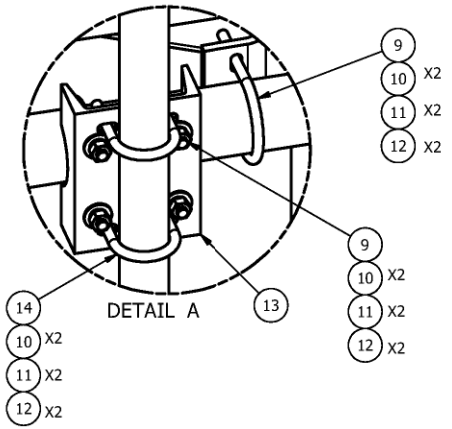
ANSI/ASSP rigging plan review services compliant with the requirements of ANSI/TIA 322 are available for a Construction Class IV site or other, if required. Separate review fees will apply.

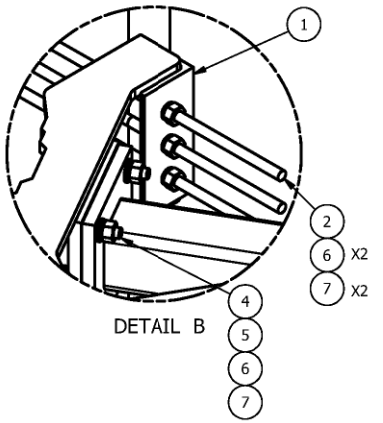
Attachments:

1. Mount Specification Drawing
2. Analysis Calculations
3. **Contractor Required Post Installation Inspection (PMI) Report Deliverables**
4. Antenna Placement Diagrams



PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	3	X-LWRM	RING MOUNT WELDMENT		68.81	206.42
2	9	G58R-48	5/8" x 48" THREADED ROD (HDG.)		0.40	3.59
2	9	G58R-24	5/8" x 24" THREADED ROD (HDG.)		0.40	3.59
3	3	X-SV196	LOW PROFILE PLATFORM CORNER		212.10	636.31
4	12	A58234	5/8" x 2-3/4" HDG A325 HEX BOLT	2.75	0.36	4.27
5	12	A58FW	5/8" HDG A325 FLATWASHER		0.03	0.41
6	30	G58LW	5/8" HDG LOCKWASHER		0.03	0.78
7	30	A58NUT	5/8" HDG A325 HEX NUT		0.13	3.90
8	3	P3150	3-1/2" X 150" SCH 40 GALVANIZED PIPE	150.000 in	94.80	284.40
9	36	X-UB1306	1/2" X 3-5/8" X 6" X 3' U-BOLT (HDG.)		0.26	9.25
10	120	G12FW	1/2" HDG USS FLATWASHER		0.03	4.09
11	120	G12LW	1/2" HDG LOCKWASHER		0.01	1.67
12	120	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	8.60
13	12	X-SP219	SMALL SUPPORT CROSS PLATE	8.250 in	8.61	103.33
14	24	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" U-BOLT (HDG.)		0.26	6.17
15	12	B	ANTENNA MOUNTING PIPE	C	D	E





2-3/8" O.D. VERTICAL MOUNTING PIPES					
ASSEMBLY NO. "A"	PART NO. "B"	LENGTH, "C"	UNIT WEIGHT, "D"	NET WEIGHT, "E"	TOTAL WEIGHT
RMQP-463	P263	63"	20.18	242.16	1591.11
RMQP-472	P272	72"	23.07	276.84	1625.79
RMQP-484	P284	84"	26.91	322.92	1671.87
RMQP-496	P296	96"	30.76	369.12	1718.07
RMQP-4126	P2126	126"	40.75	489.00	1837.95

REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	ADDED 10' 6" ANTENNA MOUNTING PIPES		CEK	7/9/2015

REVISION HISTORY

TOLERANCE NOTE

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")

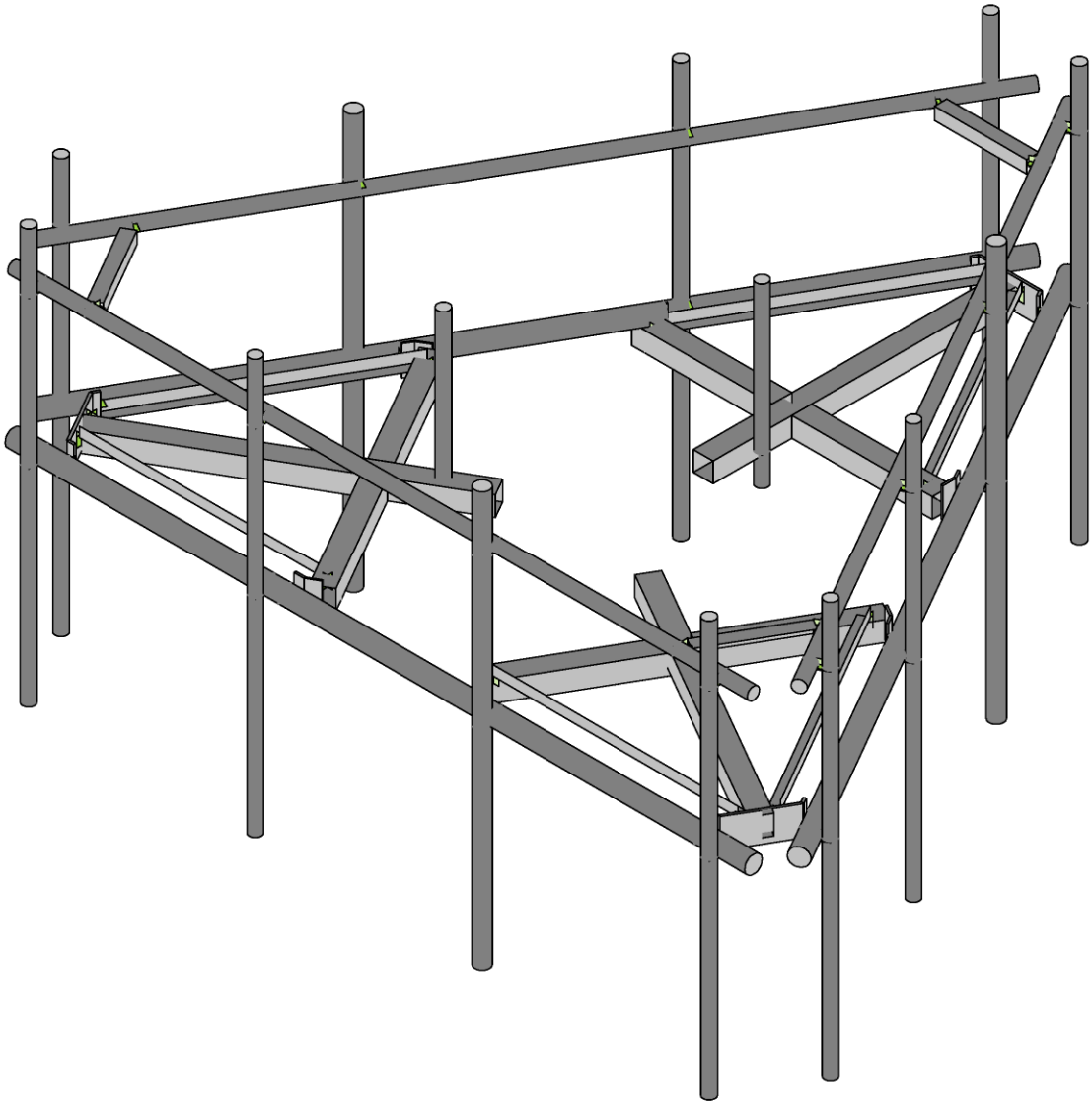
DESCRIPTION
LOW PROFILE CO-LOCATION PLATFORM
FOR 12 ANTENNAS WITH 12' 6" FACE WIDTH
FOR 12" - 38" DIAMETER POLES

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

DRAWN BY	CPD NO.	DRAWING USAGE	PART NO.
CEK 1/20/2012	semb	CUSTOMER	SEE ASSEMBLY NO. "A"
ENG. APPROVAL	CHECKED BY		DWG. NO.
	BMC 7/9/2015		RMQP-4XX



Envelope Only Solution

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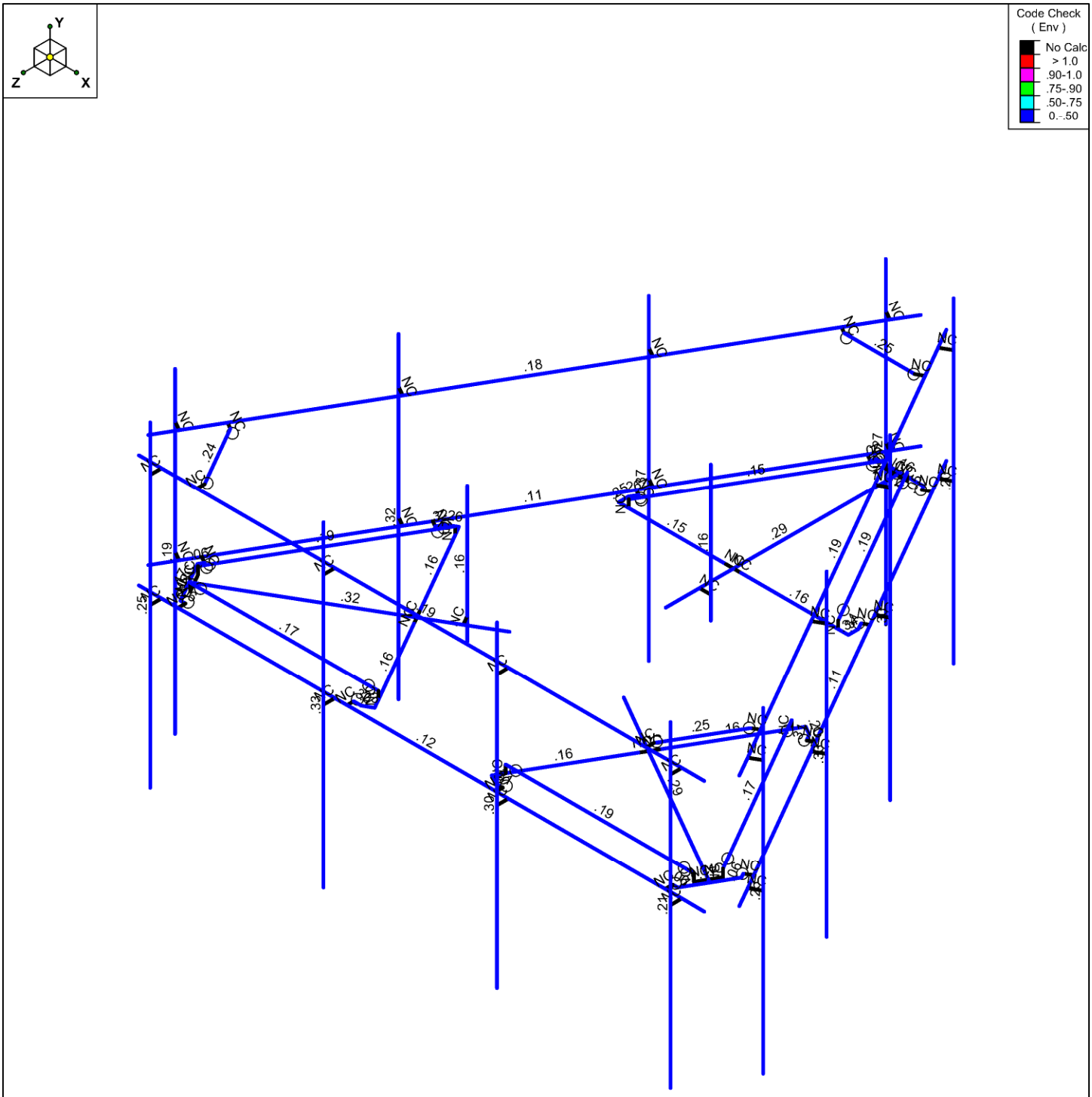

Member Code Checks Displayed (Enveloped)
Envelope Only Solution

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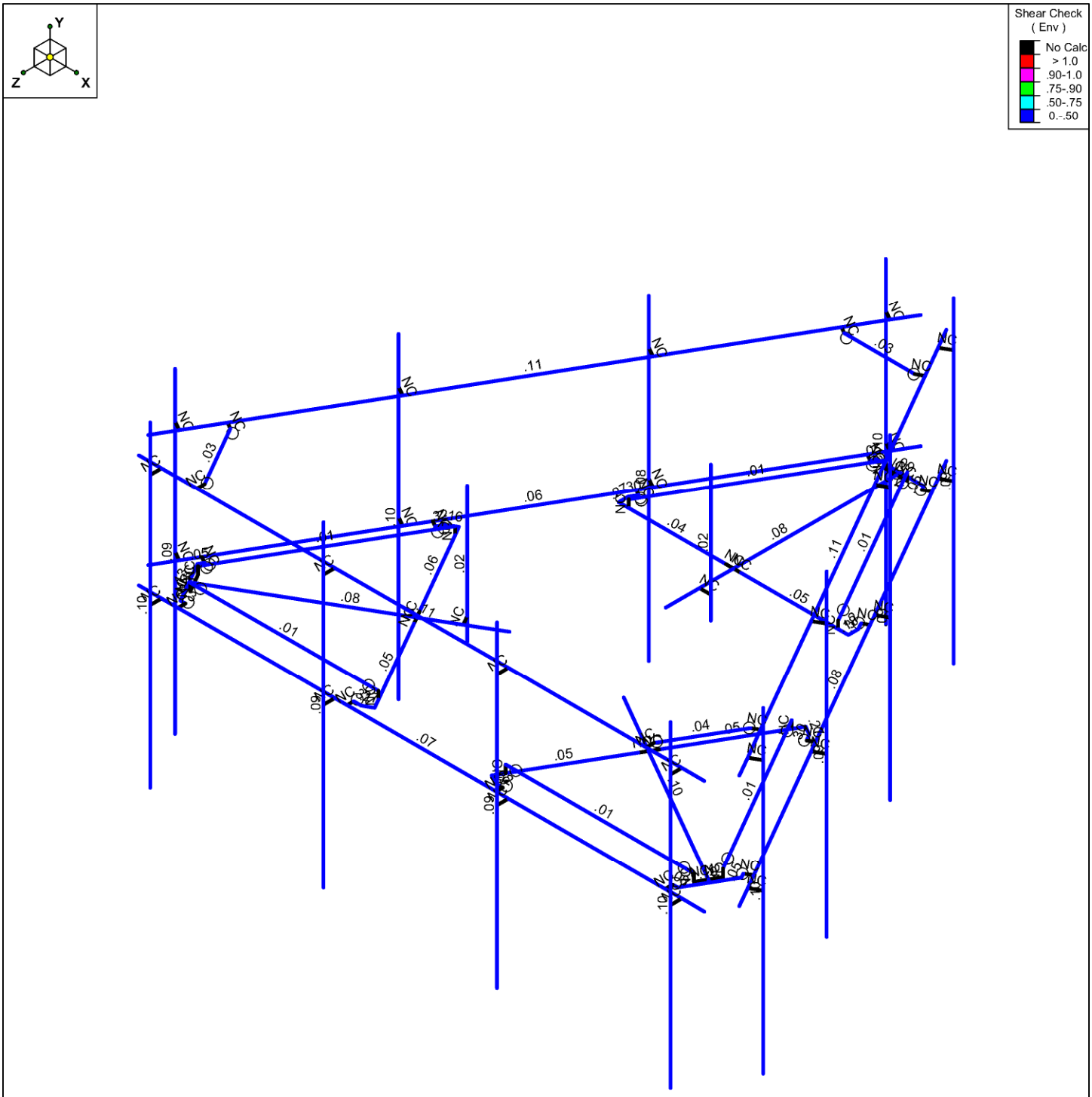

Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

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		468327-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravi...	Y Gravi...	Z Gravity	Joint	Point	Distrib...	Area(M...	Surfac...
1	Antenna D	None					105			
2	Antenna Di	None					105			
3	Antenna Wo (0 Deg)	None					105			
4	Antenna Wo (30 Deg)	None					105			
5	Antenna Wo (60 Deg)	None					105			
6	Antenna Wo (90 Deg)	None					105			
7	Antenna Wo (120 Deg)	None					105			
8	Antenna Wo (150 Deg)	None					105			
9	Antenna Wo (180 Deg)	None					105			
10	Antenna Wo (210 Deg)	None					105			
11	Antenna Wo (240 Deg)	None					105			
12	Antenna Wo (270 Deg)	None					105			
13	Antenna Wo (300 Deg)	None					105			
14	Antenna Wo (330 Deg)	None					105			
15	Antenna Wi (0 Deg)	None					105			
16	Antenna Wi (30 Deg)	None					105			
17	Antenna Wi (60 Deg)	None					105			
18	Antenna Wi (90 Deg)	None					105			
19	Antenna Wi (120 Deg)	None					105			
20	Antenna Wi (150 Deg)	None					105			
21	Antenna Wi (180 Deg)	None					105			
22	Antenna Wi (210 Deg)	None					105			
23	Antenna Wi (240 Deg)	None					105			
24	Antenna Wi (270 Deg)	None					105			
25	Antenna Wi (300 Deg)	None					105			
26	Antenna Wi (330 Deg)	None					105			
27	Antenna Wm (0 Deg)	None					105			
28	Antenna Wm (30 Deg)	None					105			
29	Antenna Wm (60 Deg)	None					105			
30	Antenna Wm (90 Deg)	None					105			
31	Antenna Wm (120 Deg)	None					105			
32	Antenna Wm (150 Deg)	None					105			
33	Antenna Wm (180 Deg)	None					105			
34	Antenna Wm (210 Deg)	None					105			
35	Antenna Wm (240 Deg)	None					105			
36	Antenna Wm (270 Deg)	None					105			
37	Antenna Wm (300 Deg)	None					105			
38	Antenna Wm (330 Deg)	None					105			
39	Structure D	None		-1					3	
40	Structure Di	None						59	3	
41	Structure Wo (0 Deg)	None						118		
42	Structure Wo (30 Deg)	None						118		
43	Structure Wo (60 Deg)	None						118		
44	Structure Wo (90 Deg)	None						118		
45	Structure Wo (120 Deg)	None						118		
46	Structure Wo (150 Deg)	None						118		
47	Structure Wo (180 Deg)	None						118		
48	Structure Wo (210 Deg)	None						118		
49	Structure Wo (240 Deg)	None						118		
50	Structure Wo (270 Deg)	None						118		
51	Structure Wo (300 Deg)	None						118		
52	Structure Wo (330 Deg)	None						118		
53	Structure Wi (0 Deg)	None						118		
54	Structure Wi (30 Deg)	None						118		
55	Structure Wi (60 Deg)	None						118		
56	Structure Wi (90 Deg)	None						118		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravi...	Y Gravi...	Z Gravity	Joint	Point	Distrib...	Area(M...	Surfac...
57	Structure Wi (120 Deg)	None						118		
58	Structure Wi (150 Deg)	None						118		
59	Structure Wi (180 Deg)	None						118		
60	Structure Wi (210 Deg)	None						118		
61	Structure Wi (240 Deg)	None						118		
62	Structure Wi (270 Deg)	None						118		
63	Structure Wi (300 Deg)	None						118		
64	Structure Wi (330 Deg)	None						118		
65	Structure Wm (0 Deg)	None						118		
66	Structure Wm (30 Deg)	None						118		
67	Structure Wm (60 Deg)	None						118		
68	Structure Wm (90 Deg)	None						118		
69	Structure Wm (120 Deg)	None						118		
70	Structure Wm (150 Deg)	None						118		
71	Structure Wm (180 Deg)	None						118		
72	Structure Wm (210 Deg)	None						118		
73	Structure Wm (240 Deg)	None						118		
74	Structure Wm (270 Deg)	None						118		
75	Structure Wm (300 Deg)	None						118		
76	Structure Wm (330 Deg)	None						118		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					105			
82	Antenna Eh (0 Deg)	None					70			
83	Antenna Eh (90 Deg)	None					70			
84	Structure Ev	ELY		-.04						
85	Structure Eh (0 Deg)	ELZ	-.099							
86	Structure Eh (90 Deg)	ELX			.099					
87	BLC 39 Transient Area Loads	None						30		
88	BLC 40 Transient Area Loads	None						30		

Load Combinations

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

Load Combinations (Continued)

	Description	S...	PDelta	S...	B...	Fa...	BLC	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
21	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	1	83		E...	1	E...					
53	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	.5	E...	.866	E...	.5				
54	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	.866	E...	.5	E...	.866				
55	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	1	E...		E...	1				
56	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	.866	E...	-.5	E...	.866				
57	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.8...	83	.5	E...	-.8...	E...	.5				
58	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-1	83		E...	-1	E...					
59	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				
60	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
61	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	-1	E...		E...	-1				
62	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	-.8...	E...	.5	E...	-.8...				
63	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	-.5	E...	.866	E...	-.5				
64	0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	1	83		E...	1	E...					
65	0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	.5	E...	.866	E...	.5				
66	0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	.866	E...	.5	E...	.866				
67	0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	1	E...		E...	1				
68	0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	.866	E...	-.5	E...	.866				
69	0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.8...	83	.5	E...	-.8...	E...	.5				
70	0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-1	83		E...	-1	E...					
71	0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				
72	0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
73	0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	-1	E...		E...	-1				
74	0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	-.8...	E...	.5	E...	-.8...				
75	0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	-.5	E...	.866	E...	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diaphragm
1	N1	6.25	0	3.935523	0	
2	N2	-6.25	0	3.935523	0	
3	N3	-0.	0	-1.458333	0	
4	N5	-2.541667	0	-2.958333	0	
5	N6	2.315104	0.166667	-2.958333	0	
6	N7	-2.315104	0.166667	-2.958333	0	
7	N8	5.75	0	3.935523	0	
8	N9	5.75	0	4.185523	0	
9	N10	-5.75	0	3.935523	0	
10	N11	-5.75	0	4.185523	0	
11	N12	1.916667	0	3.935523	0	
12	N13	1.916667	0	4.185523	0	
13	N14	-1.916667	0	3.935523	0	
14	N15	-1.916667	0	4.185523	0	
15	N16	-1.916667	-3.5	4.185523	0	
16	N17	-1.916667	3.5	4.185523	0	
17	N18	-5.75	-3.5	4.185523	0	
18	N19	-5.75	3.5	4.185523	0	
19	N20	1.916667	-3.5	4.185523	0	
20	N21	1.916667	3.5	4.185523	0	
21	N22	5.75	-3.5	4.185523	0	
22	N23	5.75	3.5	4.185523	0	
23	N24	-0.	0	-2.958333	0	
24	N27	-0.	0	-6.645833	0	
25	CP	0	0	0	0	
26	N29	2.315104	0	-2.958333	0	
27	N30	-2.315104	0	-2.958333	0	
28	N101	2.541667	0	-2.958333	0	
29	N102	-0.166667	0	-2.958333	0	
30	N103A	0.166667	0	-2.958333	0	
31	N104A	-2.541667	0	-3.177083	0	
32	N105	2.541667	0	-3.177083	0	
33	N131	2.458333	0	-3.321421	0	
34	N135	0.571615	0	-6.548857	0	
35	N144	-2.458333	0	-3.321421	0	
36	N148	-0.571615	0	-6.548857	0	
37	N86A	2.584629	0	-3.394338	0	
38	N86B	-2.584629	0	-3.394338	0	
39	N86C	-0.515625	0	-6.645833	0	
40	N87A	0.515625	0	-6.645833	0	
41	N86D	0.715429	0	-6.631888	0	
42	N86E	-0.715429	0	-6.631888	0	
43	N88A	-0.	0	-6.5625	0	
44	N87C	0.234238	0.166667	-6.5625	0	
45	N86G	0.234238	0	-6.5625	0	
46	N87B	-0.234238	0.166667	-6.5625	0	
47	N88C	-0.234238	0	-6.5625	0	
48	N87D	-1.262954	0	0.729167	0	
49	N88B	-1.291158	0	3.680315	0	
50	N89	-3.719544	0.166667	-0.525772	0	
51	N90	-1.40444	0.166667	3.484106	0	
52	N91	-2.561992	0	1.479167	0	
53	N92	-5.75546	0	3.322917	0	
54	N93	-3.719544	0	-0.525772	0	
55	N94	-1.40444	0	3.484106	0	
56	N95	-3.832825	0	-0.721981	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diaphragm
57	N96	-2.478658	0	1.623504	0	
58	N97	-2.645325	0	1.334829	0	
59	N98	-1.480602	0	3.78969	0	
60	N99	-4.022268	0	-0.612606	0	
61	N100	-4.105602	0	-0.468269	0	
62	N101A	-5.957283	0	2.779396	0	
63	N102A	-1.647268	0	3.78969	0	
64	N103	-5.385669	0	3.769461	0	
65	N104	-4.231897	0	-0.541185	0	
66	N105A	-1.647268	0	3.935523	0	
67	N106	-5.497648	0	3.769461	0	
68	N107	-6.013273	0	2.876372	0	
69	N108	-6.101098	0	2.696364	0	
70	N109	-5.385669	0	3.935523	0	
71	N110	-5.683292	0	3.28125	0	
72	N111	-5.80041	0.166667	3.078394	0	
73	N112	-5.80041	0	3.078394	0	
74	N113	-5.566173	0.166667	3.484106	0	
75	N114	-5.566173	0	3.484106	0	
76	N115	1.262954	0	0.729167	0	
77	N116	3.832825	0	-0.721981	0	
78	N117	1.40444	0.166667	3.484106	0	
79	N118	3.719544	0.166667	-0.525772	0	
80	N119	2.561992	0	1.479167	0	
81	N120	5.75546	0	3.322917	0	
82	N121	1.40444	0	3.484106	0	
83	N122	3.719544	0	-0.525772	0	
84	N123	1.291158	0	3.680315	0	
85	N124	2.645325	0	1.334829	0	
86	N125	2.478658	0	1.623504	0	
87	N126	4.022268	0	-0.612606	0	
88	N127	1.480602	0	3.78969	0	
89	N128	1.647268	0	3.78969	0	
90	N129	5.385669	0	3.769461	0	
91	N130	4.105602	0	-0.468269	0	
92	N131A	5.957283	0	2.779396	0	
93	N132	1.647268	0	3.935523	0	
94	N133	4.231897	0	-0.541186	0	
95	N134	6.013273	0	2.876372	0	
96	N135A	5.497648	0	3.769461	0	
97	N136	5.385669	0	3.935523	0	
98	N137	6.101098	0	2.696364	0	
99	N138	5.683292	0	3.28125	0	
100	N139	5.566173	0.166667	3.484106	0	
101	N140	5.566173	0	3.484106	0	
102	N141	5.80041	0.166667	3.078394	0	
103	N142	5.80041	0	3.078394	0	
104	N104B	0.283263	0	-7.38042	0	
105	N105B	6.533263	0	3.444897	0	
106	N124A	-6.533263	0	3.444897	0	
107	N125A	-0.283263	0	-7.38042	0	
108	N140B	6.25	2.5	3.935523	0	
109	N141A	-6.25	2.5	3.935523	0	
110	N142A	5.75	2.5	3.935523	0	
111	N143	5.75	2.5	4.185523	0	
112	N144A	-5.75	2.5	3.935523	0	
113	N145	-5.75	2.5	4.185523	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diaphragm
114	N146	1.916667	2.5	3.935523	0	
115	N147	1.916667	2.5	4.185523	0	
116	N148A	-1.916667	2.5	3.935523	0	
117	N149	-1.916667	2.5	4.185523	0	
118	N150	0.283263	2.5	-7.38042	0	
119	N151	6.533263	2.5	3.444897	0	
120	N160	-6.533263	2.5	3.444897	0	
121	N161	-0.283263	2.5	-7.38042	0	
122	N170	-4.966506	2.5	3.935523	0	
123	N171	4.966506	2.5	3.935523	0	
124	N172	5.891516	2.5	2.333359	0	
125	N173	0.92501	2.5	-6.268882	0	
126	N174	-0.92501	2.5	-6.268882	0	
127	N175	-5.891516	2.5	2.333359	0	
128	N176	-4.966506	2.5	3.768857	0	
129	N177	4.966506	2.5	3.768857	0	
130	N180	5.747179	2.5	2.416692	0	
131	N181	0.780672	2.5	-6.185549	0	
132	N184	-0.780672	2.5	-6.185549	0	
133	N185	-5.747179	2.5	2.416692	0	
134	N182	-0.	0	-2.208333	0	
135	N183	.25	0	-2.208333	0	
136	N184A	.25	-.5	-2.208333	0	
137	N185A	.25	2.5	-2.208333	0	
138	N138A	0.533263	0	-6.947408	0	
139	N139A	0.749769	0	-7.072408	0	
140	N140A	6.283263	0	3.011884	0	
141	N141B	6.499769	0	2.886884	0	
142	N142B	2.44993	0	-3.627644	0	
143	N143A	2.666436	0	-3.752644	0	
144	N144B	4.366596	0	-0.30788	0	
145	N145A	4.583103	0	-0.43288	0	
146	N146A	4.583103	-3.5	-0.43288	0	
147	N147A	4.583103	3.5	-0.43288	0	
148	N148B	6.499769	-3.5	2.886884	0	
149	N149A	6.499769	3.5	2.886884	0	
150	N150A	2.666436	-3.5	-3.752644	0	
151	N151A	2.666436	3.5	-3.752644	0	
152	N152	0.749769	-3.5	-7.072408	0	
153	N153	0.749769	3.5	-7.072408	0	
154	N154	0.533263	2.5	-6.947408	0	
155	N155	0.749769	2.5	-7.072408	0	
156	N156	6.283263	2.5	3.011884	0	
157	N157	6.499769	2.5	2.886884	0	
158	N158	2.44993	2.5	-3.627644	0	
159	N159	2.666436	2.5	-3.752644	0	
160	N160A	4.366596	2.5	-0.30788	0	
161	N161A	4.583103	2.5	-0.43288	0	
162	N162	-6.283263	0	3.011884	0	
163	N163	-6.499769	0	2.886884	0	
164	N164	-0.533263	0	-6.947408	0	
165	N165	-0.749769	0	-7.072408	0	
166	N166	-4.47485	0	-0.12038	0	
167	N167	-4.691356	0	-0.24538	0	
168	N168	-2.44993	0	-3.627644	0	
169	N169	-2.666436	0	-3.752644	0	
170	N170A	-2.666436	-3.5	-3.752644	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diaphragm
171	N171A	-2.666436	3.5	-3.752644	0	
172	N172A	-0.749769	-3.5	-7.072408	0	
173	N173A	-0.749769	3.5	-7.072408	0	
174	N174A	-4.691356	-3.5	-0.24538	0	
175	N175A	-4.691356	3.5	-0.24538	0	
176	N176A	-6.499769	-3.5	2.886884	0	
177	N177A	-6.499769	3.5	2.886884	0	
178	N178	-6.283263	2.5	3.011884	0	
179	N179	-6.499769	2.5	2.886884	0	
180	N180A	-0.533263	2.5	-6.947408	0	
181	N181A	-0.749769	2.5	-7.072408	0	
182	N182A	-4.47485	2.5	-0.12038	0	
183	N183A	-4.691356	2.5	-0.24538	0	
184	N184B	-2.44993	2.5	-3.627644	0	
185	N185B	-2.666436	2.5	-3.752644	0	
186	N186	-1.912473	0	1.104167	0	
187	N187	-2.037473	0	0.88766	0	
188	N188	-2.037473	-.5	0.88766	0	
189	N189	-2.037473	2.5	0.88766	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 ...	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2x6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
4	Platform Crossmember	HSS4X4X4	Beam	SquareTube	A500 Gr.B ...	Typical	3.37	7.8	7.8	12.8
5	Grating Support	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
6	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Dual Mount Pipe	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
8	Support Rail	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
9	Support Rail Corner An...	L2.5x2.5x4	Column	Single Angle	A36 Gr.36	Typical	1.19	.692	.692	.026
10	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/...	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(de...	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N1	N2			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M4	N3	N27			Standoff Horizontal	Beam	SquareTube	A500 Gr....	Typical
3	M10	N101	N103A			Platform Crossmember	Beam	SquareTube	A500 Gr....	Typical
4	M19	N8	N9			RIGID	None	None	RIGID	Typical
5	M20	N10	N11			RIGID	None	None	RIGID	Typical
6	M21	N12	N13			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(de...	Section/Shape	Type	Design List	Material	Design Rules
7	M22	N14	N15			RIGID	None	None	RIGID	Typical
8	MP3A	N17	N16			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
9	MP4A	N19	N18			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
10	MP2A	N21	N20			Dual Mount Pipe	Column	Pipe	A53 Gr.B	Typical
11	MP1A	N23	N22			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
12	M43	N102	N5			Platform Crossmember	Beam	SquareTube	A500 Gr....	Typical
13	M46	N86C	N87A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
14	M35A	N7	N30			RIGID	None	None	RIGID	Typical
15	M36A	N6	N29			RIGID	None	None	RIGID	Typical
16	M51B	N87C	N6			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
17	M52B	N7	N87B			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
18	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
19	M58	N102	N24			RIGID	None	None	RIGID	Typical
20	M59	N24	N103A			RIGID	None	None	RIGID	Typical
21	M76	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
22	M77	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
23	M79	N131	N86A			RIGID	None	None	RIGID	Typical
24	M80	N87A	N135			Corner Plate	Beam	BAR	A36 Gr.36	Typical
25	M83	N135	N86D			RIGID	None	None	RIGID	Typical
26	M84	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
27	M85	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
28	M88	N144	N86B			RIGID	None	None	RIGID	Typical
29	M91	N86C	N148			Corner Plate	Beam	BAR	A36 Gr.36	Typical
30	M92	N148	N86E			RIGID	None	None	RIGID	Typical
31	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
32	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
33	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
34	M52A	N87D	N92			Standoff Horizontal	Beam	SquareTube	A500 Gr....	Typical
35	M53	N95	N97			Platform Crossmember	Beam	SquareTube	A500 Gr....	Typical
36	M54	N96	N88B			Platform Crossmember	Beam	SquareTube	A500 Gr....	Typical
37	M55	N106	N107			Corner Plate	Beam	BAR	A36 Gr.36	Typical
38	M56	N90	N94			RIGID	None	None	RIGID	Typical
39	M57	N89	N93			RIGID	None	None	RIGID	Typical
40	M58A	N111	N89			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
41	M59A	N90	N113			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
42	M60	N113	N114			RIGID	None	None	RIGID	Typical
43	M61	N96	N91			RIGID	None	None	RIGID	Typical
44	M62	N91	N97			RIGID	None	None	RIGID	Typical
45	M63	N95	N99			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
46	M64	N99	N100			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
47	M65	N100	N104			RIGID	None	None	RIGID	Typical
48	M66	N107	N101A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
49	M67	N101A	N108			RIGID	None	None	RIGID	Typical
50	M68	N88B	N98			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
51	M69	N98	N102A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
52	M70	N102A	N105A			RIGID	None	None	RIGID	Typical
53	M71	N106	N103			Corner Plate	Beam	BAR	A36 Gr.36	Typical
54	M72	N103	N109			RIGID	None	None	RIGID	Typical
55	M73	N114	N110			RIGID	None	None	RIGID	Typical
56	M74	N110	N112			RIGID	None	None	RIGID	Typical
57	M75	N111	N112			RIGID	None	None	RIGID	Typical
58	M76A	N115	N120			Standoff Horizontal	Beam	SquareTube	A500 Gr....	Typical
59	M77A	N123	N125			Platform Crossmember	Beam	SquareTube	A500 Gr....	Typical
60	M78	N124	N116			Platform Crossmember	Beam	SquareTube	A500 Gr....	Typical
61	M79A	N134	N135A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
62	M80A	N118	N122			RIGID	None	None	RIGID	Typical
63	M81	N117	N121			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(de...	Section/Shape	Type	Design List	Material	Design Rules
64	M82	N139	N117			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
65	M83A	N118	N141			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
66	M84A	N141	N142			RIGID	None	None	RIGID	Typical
67	M85A	N124	N119			RIGID	None	None	RIGID	Typical
68	M86	N119	N125			RIGID	None	None	RIGID	Typical
69	M87	N123	N127			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
70	M88A	N127	N128			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
71	M89	N128	N132			RIGID	None	None	RIGID	Typical
72	M90	N135A	N129			Corner Plate	Beam	BAR	A36 Gr.36	Typical
73	M91A	N129	N136			RIGID	None	None	RIGID	Typical
74	M92A	N116	N126			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
75	M93	N126	N130			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
76	M94	N130	N133			RIGID	None	None	RIGID	Typical
77	M95	N134	N131A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
78	M96	N131A	N137			RIGID	None	None	RIGID	Typical
79	M97	N142	N138			RIGID	None	None	RIGID	Typical
80	M98	N138	N140			RIGID	None	None	RIGID	Typical
81	M99	N139	N140			RIGID	None	None	RIGID	Typical
82	M82A	N104B	N105B			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
83	M91B	N124A	N125A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
84	M100	N140B	N141A			Support Rail	Column	Pipe	A53 Gr.B	Typical
85	M101	N142A	N143			RIGID	None	None	RIGID	Typical
86	M102	N144A	N145			RIGID	None	None	RIGID	Typical
87	M103	N146	N147			RIGID	None	None	RIGID	Typical
88	M104	N148A	N149			RIGID	None	None	RIGID	Typical
89	M105	N150	N151			Support Rail	Column	Pipe	A53 Gr.B	Typical
90	M110	N160	N161			Support Rail	Column	Pipe	A53 Gr.B	Typical
91	M115	N176	N170			RIGID	None	None	RIGID	Typical
92	M116	N177	N171			RIGID	None	None	RIGID	Typical
93	M117	N180	N172			RIGID	None	None	RIGID	Typical
94	M118	N181	N173			RIGID	None	None	RIGID	Typical
95	M119	N184	N174			RIGID	None	None	RIGID	Typical
96	M120	N185	N175			RIGID	None	None	RIGID	Typical
97	M121	N176	N185		180	Support Rail Corner Angle	Column	Single Angle	A36 Gr.36	Typical
98	M122	N180	N177		180	Support Rail Corner Angle	Column	Single Angle	A36 Gr.36	Typical
99	M123	N184	N181		180	Support Rail Corner Angle	Column	Single Angle	A36 Gr.36	Typical
100	M124	N182	N183			RIGID	None	None	RIGID	Typical
101	OVP1	N185A	N184A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
102	M102A	N138A	N139A			RIGID	None	None	RIGID	Typical
103	M103A	N140A	N141B			RIGID	None	None	RIGID	Typical
104	M104A	N142B	N143A			RIGID	None	None	RIGID	Typical
105	M105A	N144B	N145A			RIGID	None	None	RIGID	Typical
106	MP3C	N147A	N146A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
107	MP4C	N149A	N148B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
108	MP2C	N151A	N150A			Dual Mount Pipe	Column	Pipe	A53 Gr.B	Typical
109	MP1C	N153	N152			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
110	M110A	N154	N155			RIGID	None	None	RIGID	Typical
111	M111	N156	N157			RIGID	None	None	RIGID	Typical
112	M112	N158	N159			RIGID	None	None	RIGID	Typical
113	M113	N160A	N161A			RIGID	None	None	RIGID	Typical
114	M114	N162	N163			RIGID	None	None	RIGID	Typical
115	M115A	N164	N165			RIGID	None	None	RIGID	Typical
116	M116A	N166	N167			RIGID	None	None	RIGID	Typical
117	M117A	N168	N169			RIGID	None	None	RIGID	Typical
118	MP3B	N171A	N170A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
119	MP4B	N173A	N172A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
120	MP2B	N175A	N174A			Dual Mount Pipe	Column	Pipe	A53 Gr.B	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(de...	Section/Shape	Type	Design List	Material	Design Rules
121	MP1B	N177A	N176A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
122	M122A	N178	N179			RIGID	None	None	RIGID	Typical
123	M123A	N180A	N181A			RIGID	None	None	RIGID	Typical
124	M124A	N182A	N183A			RIGID	None	None	RIGID	Typical
125	M125	N184B	N185B			RIGID	None	None	RIGID	Typical
126	M126	N186	N187			RIGID	None	None	RIGID	Typical
127	OVP2	N189	N188			Mount Pipe	Column	Pipe	A53 Gr.B	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes	Default			None
2	M4						Yes				None
3	M10						Yes	Default			None
4	M19						Yes	** NA **			None
5	M20						Yes	** NA **			None
6	M21						Yes	** NA **			None
7	M22						Yes	** NA **			None
8	MP3A						Yes	** NA **			None
9	MP4A						Yes	** NA **			None
10	MP2A						Yes	** NA **			None
11	MP1A						Yes	** NA **			None
12	M43						Yes	Default			None
13	M46						Yes	Default			None
14	M35A						Yes	** NA **			None
15	M36A						Yes	** NA **			None
16	M51B	OOOOOX	OOOOOX				Yes	Default			None
17	M52B	OOOOOX	OOOOOX				Yes	Default			None
18	M52						Yes	** NA **			None
19	M58						Yes	** NA **			None
20	M59						Yes	** NA **			None
21	M76						Yes	** NA **			None
22	M77						Yes	** NA **			None
23	M79		BenPIN				Yes	** NA **			None
24	M80						Yes				None
25	M83		BenPIN				Yes	** NA **			None
26	M84						Yes	** NA **			None
27	M85						Yes	** NA **			None
28	M88		BenPIN				Yes	** NA **			None
29	M91						Yes				None
30	M92		BenPIN				Yes	** NA **			None
31	M50						Yes	** NA **			None
32	M51						Yes	** NA **			None
33	M51A						Yes	** NA **			None
34	M52A						Yes				None
35	M53						Yes	Default			None
36	M54						Yes	Default			None
37	M55						Yes	Default			None
38	M56						Yes	** NA **			None
39	M57						Yes	** NA **			None
40	M58A	OOOOOX	OOOOOX				Yes	Default			None
41	M59A	OOOOOX	OOOOOX				Yes	Default			None
42	M60						Yes	** NA **			None
43	M61						Yes	** NA **			None
44	M62						Yes	** NA **			None
45	M63						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...
46	M64						Yes	** NA **			None
47	M65		BenPIN				Yes	** NA **			None
48	M66						Yes				None
49	M67		BenPIN				Yes	** NA **			None
50	M68						Yes	** NA **			None
51	M69						Yes	** NA **			None
52	M70		BenPIN				Yes	** NA **			None
53	M71						Yes				None
54	M72		BenPIN				Yes	** NA **			None
55	M73						Yes	** NA **			None
56	M74						Yes	** NA **			None
57	M75						Yes	** NA **			None
58	M76A						Yes				None
59	M77A						Yes	Default			None
60	M78						Yes	Default			None
61	M79A						Yes	Default			None
62	M80A						Yes	** NA **			None
63	M81						Yes	** NA **			None
64	M82	OOOOOX	OOOOOX				Yes	Default			None
65	M83A	OOOOOX	OOOOOX				Yes	Default			None
66	M84A						Yes	** NA **			None
67	M85A						Yes	** NA **			None
68	M86						Yes	** NA **			None
69	M87						Yes	** NA **			None
70	M88A						Yes	** NA **			None
71	M89		BenPIN				Yes	** NA **			None
72	M90						Yes				None
73	M91A		BenPIN				Yes	** NA **			None
74	M92A						Yes	** NA **			None
75	M93						Yes	** NA **			None
76	M94		BenPIN				Yes	** NA **			None
77	M95						Yes				None
78	M96		BenPIN				Yes	** NA **			None
79	M97						Yes	** NA **			None
80	M98						Yes	** NA **			None
81	M99						Yes	** NA **			None
82	M82A						Yes	Default			None
83	M91B						Yes	Default			None
84	M100						Yes	** NA **			None
85	M101						Yes	** NA **			None
86	M102						Yes	** NA **			None
87	M103						Yes	** NA **			None
88	M104						Yes	** NA **			None
89	M105						Yes	** NA **			None
90	M110						Yes	** NA **			None
91	M115		OOOOOO				Yes	** NA **			None
92	M116		OOOOOO				Yes	** NA **			None
93	M117		OOOOOO				Yes	** NA **			None
94	M118		OOOOOO				Yes	** NA **			None
95	M119		OOOOOO				Yes	** NA **			None
96	M120		OOOOOO				Yes	** NA **			None
97	M121						Yes	** NA **			None
98	M122						Yes	** NA **			None
99	M123						Yes	** NA **			None
100	M124						Yes	** NA **			None
101	OVP1						Yes	** NA **			None
102	M102A						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
103	M103A						Yes	** NA **			None
104	M104A						Yes	** NA **			None
105	M105A						Yes	** NA **			None
106	MP3C						Yes	** NA **			None
107	MP4C						Yes	** NA **			None
108	MP2C						Yes	** NA **			None
109	MP1C						Yes	** NA **			None
110	M110A						Yes	** NA **			None
111	M111						Yes	** NA **			None
112	M112						Yes	** NA **			None
113	M113						Yes	** NA **			None
114	M114						Yes	** NA **			None
115	M115A						Yes	** NA **			None
116	M116A						Yes	** NA **			None
117	M117A						Yes	** NA **			None
118	MP3B						Yes	** NA **			None
119	MP4B						Yes	** NA **			None
120	MP2B						Yes	** NA **			None
121	MP1B						Yes	** NA **			None
122	M122A						Yes	** NA **			None
123	M123A						Yes	** NA **			None
124	M124A						Yes	** NA **			None
125	M125						Yes	** NA **			None
126	M126						Yes	** NA **			None
127	OVP2						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Y	-43.55	2
2	MP4A	My	-.021	2
3	MP4A	Mz	.004	2
4	MP4A	Y	-43.55	4
5	MP4A	My	-.021	4
6	MP4A	Mz	.004	4
7	MP4B	Y	-43.55	2
8	MP4B	My	-.004	2
9	MP4B	Mz	-.021	2
10	MP4B	Y	-43.55	4
11	MP4B	My	-.004	4
12	MP4B	Mz	-.021	4
13	MP4C	Y	-43.55	2
14	MP4C	My	.011	2
15	MP4C	Mz	.019	2
16	MP4C	Y	-43.55	4
17	MP4C	My	.011	4
18	MP4C	Mz	.019	4
19	MP2A	Y	-31.65	1
20	MP2A	My	-.012	1
21	MP2A	Mz	.021	1
22	MP2A	Y	-31.65	5
23	MP2A	My	-.012	5
24	MP2A	Mz	.021	5
25	MP2B	Y	-31.65	1
26	MP2B	My	-.021	1
27	MP2B	Mz	-.012	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP2B	Y	-31.65	5
29	MP2B	My	-.021	5
30	MP2B	Mz	-.012	5
31	MP2C	Y	-31.65	1
32	MP2C	My	.024	1
33	MP2C	Mz	.004	1
34	MP2C	Y	-31.65	5
35	MP2C	My	.024	5
36	MP2C	Mz	.004	5
37	MP2A	Y	-31.65	1
38	MP2A	My	-.019	1
39	MP2A	Mz	-.015	1
40	MP2A	Y	-31.65	5
41	MP2A	My	-.019	5
42	MP2A	Mz	-.015	5
43	MP2B	Y	-31.65	1
44	MP2B	My	.015	1
45	MP2B	Mz	-.019	1
46	MP2B	Y	-31.65	5
47	MP2B	My	.015	5
48	MP2B	Mz	-.019	5
49	MP2C	Y	-31.65	1
50	MP2C	My	-.008	1
51	MP2C	Mz	.023	1
52	MP2C	Y	-31.65	5
53	MP2C	My	-.008	5
54	MP2C	Mz	.023	5
55	MP1A	Y	-84.4	2
56	MP1A	My	.042	2
57	MP1A	Mz	-.007	2
58	MP1B	Y	-84.4	2
59	MP1B	My	.007	2
60	MP1B	Mz	.042	2
61	MP1C	Y	-84.4	2
62	MP1C	My	-.021	2
63	MP1C	Mz	-.037	2
64	MP2A	Y	-70.3	2
65	MP2A	My	.035	2
66	MP2A	Mz	-.006	2
67	MP2B	Y	-70.3	2
68	MP2B	My	.006	2
69	MP2B	Mz	.035	2
70	MP2C	Y	-70.3	2
71	MP2C	My	-.018	2
72	MP2C	Mz	-.03	2
73	MP2A	Y	-20.8	4
74	MP2A	My	.01	4
75	MP2A	Mz	-.002	4
76	MP2B	Y	-20.8	4
77	MP2B	My	.002	4
78	MP2B	Mz	.01	4
79	MP2C	Y	-20.8	4
80	MP2C	My	-.005	4
81	MP2C	Mz	-.009	4
82	OVP1	Y	-32	1
83	OVP1	My	0	1
84	OVP1	Mz	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP3A	Y	-8.5	1
86	MP3A	My	-.004	1
87	MP3A	Mz	.000738	1
88	MP3A	Y	-8.5	5
89	MP3A	My	-.004	5
90	MP3A	Mz	.000738	5
91	MP3B	Y	-8.5	1
92	MP3B	My	-.000738	1
93	MP3B	Mz	-.004	1
94	MP3B	Y	-8.5	5
95	MP3B	My	-.000738	5
96	MP3B	Mz	-.004	5
97	MP3C	Y	-8.5	1
98	MP3C	My	.002	1
99	MP3C	Mz	.004	1
100	MP3C	Y	-8.5	5
101	MP3C	My	.002	5
102	MP3C	Mz	.004	5
103	OVP2	Y	-32	1
104	OVP2	My	0	1
105	OVP2	Mz	0	1

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Y	-35.571	2
2	MP4A	My	-.018	2
3	MP4A	Mz	.003	2
4	MP4A	Y	-35.571	4
5	MP4A	My	-.018	4
6	MP4A	Mz	.003	4
7	MP4B	Y	-35.571	2
8	MP4B	My	-.003	2
9	MP4B	Mz	-.018	2
10	MP4B	Y	-35.571	4
11	MP4B	My	-.003	4
12	MP4B	Mz	-.018	4
13	MP4C	Y	-35.571	2
14	MP4C	My	.009	2
15	MP4C	Mz	.015	2
16	MP4C	Y	-35.571	4
17	MP4C	My	.009	4
18	MP4C	Mz	.015	4
19	MP2A	Y	-69.866	1
20	MP2A	My	-.027	1
21	MP2A	Mz	.046	1
22	MP2A	Y	-69.866	5
23	MP2A	My	-.027	5
24	MP2A	Mz	.046	5
25	MP2B	Y	-69.866	1
26	MP2B	My	-.046	1
27	MP2B	Mz	-.027	1
28	MP2B	Y	-69.866	5
29	MP2B	My	-.046	5
30	MP2B	Mz	-.027	5
31	MP2C	Y	-69.866	1
32	MP2C	My	.053	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2C	Mz	.01	1
34	MP2C	Y	-69.866	5
35	MP2C	My	.053	5
36	MP2C	Mz	.01	5
37	MP2A	Y	-69.866	1
38	MP2A	My	-.041	1
39	MP2A	Mz	-.034	1
40	MP2A	Y	-69.866	5
41	MP2A	My	-.041	5
42	MP2A	Mz	-.034	5
43	MP2B	Y	-69.866	1
44	MP2B	My	.034	1
45	MP2B	Mz	-.041	1
46	MP2B	Y	-69.866	5
47	MP2B	My	.034	5
48	MP2B	Mz	-.041	5
49	MP2C	Y	-69.866	1
50	MP2C	My	-.018	1
51	MP2C	Mz	.051	1
52	MP2C	Y	-69.866	5
53	MP2C	My	-.018	5
54	MP2C	Mz	.051	5
55	MP1A	Y	-44.846	2
56	MP1A	My	.022	2
57	MP1A	Mz	-.004	2
58	MP1B	Y	-44.846	2
59	MP1B	My	.004	2
60	MP1B	Mz	.022	2
61	MP1C	Y	-44.846	2
62	MP1C	My	-.011	2
63	MP1C	Mz	-.019	2
64	MP2A	Y	-40.33	2
65	MP2A	My	.02	2
66	MP2A	Mz	-.004	2
67	MP2B	Y	-40.33	2
68	MP2B	My	.004	2
69	MP2B	Mz	.02	2
70	MP2C	Y	-40.33	2
71	MP2C	My	-.01	2
72	MP2C	Mz	-.017	2
73	MP2A	Y	-10.726	4
74	MP2A	My	.005	4
75	MP2A	Mz	-.000931	4
76	MP2B	Y	-10.726	4
77	MP2B	My	.000931	4
78	MP2B	Mz	.005	4
79	MP2C	Y	-10.726	4
80	MP2C	My	-.003	4
81	MP2C	Mz	-.005	4
82	OVP1	Y	-75.86	1
83	OVP1	My	0	1
84	OVP1	Mz	0	1
85	MP3A	Y	-51.692	1
86	MP3A	My	-.025	1
87	MP3A	Mz	.004	1
88	MP3A	Y	-51.692	5
89	MP3A	My	-.025	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP3A	Mz	.004	5
91	MP3B	Y	-51.692	1
92	MP3B	My	-.004	1
93	MP3B	Mz	-.025	1
94	MP3B	Y	-51.692	5
95	MP3B	My	-.004	5
96	MP3B	Mz	-.025	5
97	MP3C	Y	-51.692	1
98	MP3C	My	.013	1
99	MP3C	Mz	.022	1
100	MP3C	Y	-51.692	5
101	MP3C	My	.013	5
102	MP3C	Mz	.022	5
103	OVP2	Y	-75.86	1
104	OVP2	My	0	1
105	OVP2	Mz	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2
2	MP4A	Z	-110.025	2
3	MP4A	Mx	-.01	2
4	MP4A	X	0	4
5	MP4A	Z	-110.025	4
6	MP4A	Mx	-.01	4
7	MP4B	X	0	2
8	MP4B	Z	-45.936	2
9	MP4B	Mx	.023	2
10	MP4B	X	0	4
11	MP4B	Z	-45.936	4
12	MP4B	Mx	.023	4
13	MP4C	X	0	2
14	MP4C	Z	-60.93	2
15	MP4C	Mx	-.026	2
16	MP4C	X	0	4
17	MP4C	Z	-60.93	4
18	MP4C	Mx	-.026	4
19	MP2A	X	0	1
20	MP2A	Z	-214.999	1
21	MP2A	Mx	-.142	1
22	MP2A	X	0	5
23	MP2A	Z	-214.999	5
24	MP2A	Mx	-.142	5
25	MP2B	X	0	1
26	MP2B	Z	-144.934	1
27	MP2B	Mx	.057	1
28	MP2B	X	0	5
29	MP2B	Z	-144.934	5
30	MP2B	Mx	.057	5
31	MP2C	X	0	1
32	MP2C	Z	-161.326	1
33	MP2C	Mx	-.023	1
34	MP2C	X	0	5
35	MP2C	Z	-161.326	5
36	MP2C	Mx	-.023	5
37	MP2A	X	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP2A	Z	-214.999	1
39	MP2A	Mx	.105	1
40	MP2A	X	0	5
41	MP2A	Z	-214.999	5
42	MP2A	Mx	.105	5
43	MP2B	X	0	1
44	MP2B	Z	-144.934	1
45	MP2B	Mx	.086	1
46	MP2B	X	0	5
47	MP2B	Z	-144.934	5
48	MP2B	Mx	.086	5
49	MP2C	X	0	1
50	MP2C	Z	-161.326	1
51	MP2C	Mx	-.117	1
52	MP2C	X	0	5
53	MP2C	Z	-161.326	5
54	MP2C	Mx	-.117	5
55	MP1A	X	0	2
56	MP1A	Z	-88.297	2
57	MP1A	Mx	.008	2
58	MP1B	X	0	2
59	MP1B	Z	-60.509	2
60	MP1B	Mx	-.03	2
61	MP1C	X	0	2
62	MP1C	Z	-67.01	2
63	MP1C	Mx	.029	2
64	MP2A	X	0	2
65	MP2A	Z	-87.955	2
66	MP2A	Mx	.008	2
67	MP2B	X	0	2
68	MP2B	Z	-49.524	2
69	MP2B	Mx	-.024	2
70	MP2C	X	0	2
71	MP2C	Z	-58.515	2
72	MP2C	Mx	.025	2
73	MP2A	X	0	4
74	MP2A	Z	-17.483	4
75	MP2A	Mx	.002	4
76	MP2B	X	0	4
77	MP2B	Z	-12.374	4
78	MP2B	Mx	-.006	4
79	MP2C	X	0	4
80	MP2C	Z	-13.569	4
81	MP2C	Mx	.006	4
82	OVP1	X	0	1
83	OVP1	Z	-119.65	1
84	OVP1	Mx	0	1
85	MP3A	X	0	1
86	MP3A	Z	-178.069	1
87	MP3A	Mx	-.015	1
88	MP3A	X	0	5
89	MP3A	Z	-178.069	5
90	MP3A	Mx	-.015	5
91	MP3B	X	0	1
92	MP3B	Z	-101.612	1
93	MP3B	Mx	.05	1
94	MP3B	X	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP3B	Z	-101.612	5
96	MP3B	Mx	.05	5
97	MP3C	X	0	1
98	MP3C	Z	-119.5	1
99	MP3C	Mx	-.052	1
100	MP3C	X	0	5
101	MP3C	Z	-119.5	5
102	MP3C	Mx	-.052	5
103	OVP2	X	0	1
104	OVP2	Z	-119.65	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	41.951	2
2	MP4A	Z	-72.661	2
3	MP4A	Mx	-.027	2
4	MP4A	X	41.951	4
5	MP4A	Z	-72.661	4
6	MP4A	Mx	-.027	4
7	MP4B	X	36.03	2
8	MP4B	Z	-62.405	2
9	MP4B	Mx	.028	2
10	MP4B	X	36.03	4
11	MP4B	Z	-62.405	4
12	MP4B	Mx	.028	4
13	MP4C	X	47.516	2
14	MP4C	Z	-82.299	2
15	MP4C	Mx	-.024	2
16	MP4C	X	47.516	4
17	MP4C	Z	-82.299	4
18	MP4C	Mx	-.024	4
19	MP2A	X	93.22	1
20	MP2A	Z	-161.462	1
21	MP2A	Mx	-.143	1
22	MP2A	X	93.22	5
23	MP2A	Z	-161.462	5
24	MP2A	Mx	-.143	5
25	MP2B	X	86.746	1
26	MP2B	Z	-150.249	1
27	MP2B	Mx	.001	1
28	MP2B	X	86.746	5
29	MP2B	Z	-150.249	5
30	MP2B	Mx	.001	5
31	MP2C	X	99.303	1
32	MP2C	Z	-171.998	1
33	MP2C	Mx	.051	1
34	MP2C	X	99.303	5
35	MP2C	Z	-171.998	5
36	MP2C	Mx	.051	5
37	MP2A	X	93.22	1
38	MP2A	Z	-161.462	1
39	MP2A	Mx	.023	1
40	MP2A	X	93.22	5
41	MP2A	Z	-161.462	5
42	MP2A	Mx	.023	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP2B	X	86.746	1
44	MP2B	Z	-150.249	1
45	MP2B	Mx	.132	1
46	MP2B	X	86.746	5
47	MP2B	Z	-150.249	5
48	MP2B	Mx	.132	5
49	MP2C	X	99.303	1
50	MP2C	Z	-171.998	1
51	MP2C	Mx	-.15	1
52	MP2C	X	99.303	5
53	MP2C	Z	-171.998	5
54	MP2C	Mx	-.15	5
55	MP1A	X	38.485	2
56	MP1A	Z	-66.658	2
57	MP1A	Mx	.025	2
58	MP1B	X	35.918	2
59	MP1B	Z	-62.211	2
60	MP1B	Mx	-.028	2
61	MP1C	X	40.898	2
62	MP1C	Z	-70.837	2
63	MP1C	Mx	.02	2
64	MP2A	X	36.145	2
65	MP2A	Z	-62.605	2
66	MP2A	Mx	.023	2
67	MP2B	X	32.594	2
68	MP2B	Z	-56.455	2
69	MP2B	Mx	-.025	2
70	MP2C	X	39.482	2
71	MP2C	Z	-68.385	2
72	MP2C	Mx	.02	2
73	MP2A	X	7.7	4
74	MP2A	Z	-13.337	4
75	MP2A	Mx	.005	4
76	MP2B	X	7.228	4
77	MP2B	Z	-12.519	4
78	MP2B	Mx	-.006	4
79	MP2C	X	8.144	4
80	MP2C	Z	-14.105	4
81	MP2C	Mx	.004	4
82	OVP1	X	67.464	1
83	OVP1	Z	-116.851	1
84	OVP1	Mx	0	1
85	MP3A	X	73.453	1
86	MP3A	Z	-127.224	1
87	MP3A	Mx	-.047	1
88	MP3A	X	73.453	5
89	MP3A	Z	-127.224	5
90	MP3A	Mx	-.047	5
91	MP3B	X	66.388	1
92	MP3B	Z	-114.988	1
93	MP3B	Mx	.051	1
94	MP3B	X	66.388	5
95	MP3B	Z	-114.988	5
96	MP3B	Mx	.051	5
97	MP3C	X	80.091	1
98	MP3C	Z	-138.721	1
99	MP3C	Mx	-.04	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
100	MP3C	X	80.091	5
101	MP3C	Z	-138.721	5
102	MP3C	Mx	-.04	5
103	OVP2	X	67.464	1
104	OVP2	Z	-116.851	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	44.91	2
2	MP4A	Z	-25.929	2
3	MP4A	Mx	-.024	2
4	MP4A	X	44.91	4
5	MP4A	Z	-25.929	4
6	MP4A	Mx	-.024	4
7	MP4B	X	90.156	2
8	MP4B	Z	-52.052	2
9	MP4B	Mx	.018	2
10	MP4B	X	90.156	4
11	MP4B	Z	-52.052	4
12	MP4B	Mx	.018	4
13	MP4C	X	97.065	2
14	MP4C	Z	-56.041	2
15	MP4C	Mx	0	2
16	MP4C	X	97.065	4
17	MP4C	Z	-56.041	4
18	MP4C	Mx	0	4
19	MP2A	X	131.123	1
20	MP2A	Z	-75.704	1
21	MP2A	Mx	-.101	1
22	MP2A	X	131.123	5
23	MP2A	Z	-75.704	5
24	MP2A	Mx	-.101	5
25	MP2B	X	180.588	1
26	MP2B	Z	-104.263	1
27	MP2B	Mx	-.079	1
28	MP2B	X	180.588	5
29	MP2B	Z	-104.263	5
30	MP2B	Mx	-.079	5
31	MP2C	X	188.142	1
32	MP2C	Z	-108.624	1
33	MP2C	Mx	.127	1
34	MP2C	X	188.142	5
35	MP2C	Z	-108.624	5
36	MP2C	Mx	.127	5
37	MP2A	X	131.123	1
38	MP2A	Z	-75.704	1
39	MP2A	Mx	-.041	1
40	MP2A	X	131.123	5
41	MP2A	Z	-75.704	5
42	MP2A	Mx	-.041	5
43	MP2B	X	180.588	1
44	MP2B	Z	-104.263	1
45	MP2B	Mx	.15	1
46	MP2B	X	180.588	5
47	MP2B	Z	-104.263	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP2B	Mx	.15	5
49	MP2C	X	188.142	1
50	MP2C	Z	-108.624	1
51	MP2C	Mx	-.127	1
52	MP2C	X	188.142	5
53	MP2C	Z	-108.624	5
54	MP2C	Mx	-.127	5
55	MP1A	X	54.626	2
56	MP1A	Z	-31.538	2
57	MP1A	Mx	.03	2
58	MP1B	X	74.244	2
59	MP1B	Z	-42.865	2
60	MP1B	Mx	-.015	2
61	MP1C	X	77.239	2
62	MP1C	Z	-44.594	2
63	MP1C	Mx	0	2
64	MP2A	X	45.964	2
65	MP2A	Z	-26.537	2
66	MP2A	Mx	.025	2
67	MP2B	X	73.096	2
68	MP2B	Z	-42.202	2
69	MP2B	Mx	-.014	2
70	MP2C	X	77.239	2
71	MP2C	Z	-44.594	2
72	MP2C	Mx	0	2
73	MP2A	X	11.125	4
74	MP2A	Z	-6.423	4
75	MP2A	Mx	.006	4
76	MP2B	X	14.732	4
77	MP2B	Z	-8.505	4
78	MP2B	Mx	-.003	4
79	MP2C	X	15.283	4
80	MP2C	Z	-8.823	4
81	MP2C	Mx	0	4
82	OVP1	X	143.313	1
83	OVP1	Z	-82.742	1
84	OVP1	Mx	0	1
85	MP3A	X	94.117	1
86	MP3A	Z	-54.338	1
87	MP3A	Mx	-.051	1
88	MP3A	X	94.117	5
89	MP3A	Z	-54.338	5
90	MP3A	Mx	-.051	5
91	MP3B	X	148.095	1
92	MP3B	Z	-85.502	1
93	MP3B	Mx	.029	1
94	MP3B	X	148.095	5
95	MP3B	Z	-85.502	5
96	MP3B	Mx	.029	5
97	MP3C	X	156.337	1
98	MP3C	Z	-90.261	1
99	MP3C	Mx	0	1
100	MP3C	X	156.337	5
101	MP3C	Z	-90.261	5
102	MP3C	Mx	0	5
103	OVP2	X	143.313	1
104	OVP2	Z	-82.742	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	45.936	2
2	MP4A	Z	0	2
3	MP4A	Mx	-.023	2
4	MP4A	X	45.936	4
5	MP4A	Z	0	4
6	MP4A	Mx	-.023	4
7	MP4B	X	110.025	2
8	MP4B	Z	0	2
9	MP4B	Mx	-.01	2
10	MP4B	X	110.025	4
11	MP4B	Z	0	4
12	MP4B	Mx	-.01	4
13	MP4C	X	95.031	2
14	MP4C	Z	0	2
15	MP4C	Mx	.024	2
16	MP4C	X	95.031	4
17	MP4C	Z	0	4
18	MP4C	Mx	.024	4
19	MP2A	X	144.934	1
20	MP2A	Z	0	1
21	MP2A	Mx	-.057	1
22	MP2A	X	144.934	5
23	MP2A	Z	0	5
24	MP2A	Mx	-.057	5
25	MP2B	X	214.999	1
26	MP2B	Z	0	1
27	MP2B	Mx	-.142	1
28	MP2B	X	214.999	5
29	MP2B	Z	0	5
30	MP2B	Mx	-.142	5
31	MP2C	X	198.607	1
32	MP2C	Z	0	1
33	MP2C	Mx	.15	1
34	MP2C	X	198.607	5
35	MP2C	Z	0	5
36	MP2C	Mx	.15	5
37	MP2A	X	144.934	1
38	MP2A	Z	0	1
39	MP2A	Mx	-.086	1
40	MP2A	X	144.934	5
41	MP2A	Z	0	5
42	MP2A	Mx	-.086	5
43	MP2B	X	214.999	1
44	MP2B	Z	0	1
45	MP2B	Mx	.105	1
46	MP2B	X	214.999	5
47	MP2B	Z	0	5
48	MP2B	Mx	.105	5
49	MP2C	X	198.607	1
50	MP2C	Z	0	1
51	MP2C	Mx	-.051	1
52	MP2C	X	198.607	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP2C	Z	0	5
54	MP2C	Mx	-.051	5
55	MP1A	X	60.509	2
56	MP1A	Z	0	2
57	MP1A	Mx	.03	2
58	MP1B	X	88.297	2
59	MP1B	Z	0	2
60	MP1B	Mx	.008	2
61	MP1C	X	81.796	2
62	MP1C	Z	0	2
63	MP1C	Mx	-.02	2
64	MP2A	X	49.524	2
65	MP2A	Z	0	2
66	MP2A	Mx	.024	2
67	MP2B	X	87.955	2
68	MP2B	Z	0	2
69	MP2B	Mx	.008	2
70	MP2C	X	78.964	2
71	MP2C	Z	0	2
72	MP2C	Mx	-.02	2
73	MP2A	X	12.374	4
74	MP2A	Z	0	4
75	MP2A	Mx	.006	4
76	MP2B	X	17.483	4
77	MP2B	Z	0	4
78	MP2B	Mx	.002	4
79	MP2C	X	16.288	4
80	MP2C	Z	0	4
81	MP2C	Mx	-.004	4
82	OVP1	X	180.761	1
83	OVP1	Z	0	1
84	OVP1	Mx	0	1
85	MP3A	X	101.612	1
86	MP3A	Z	0	1
87	MP3A	Mx	-.05	1
88	MP3A	X	101.612	5
89	MP3A	Z	0	5
90	MP3A	Mx	-.05	5
91	MP3B	X	178.069	1
92	MP3B	Z	0	1
93	MP3B	Mx	-.015	1
94	MP3B	X	178.069	5
95	MP3B	Z	0	5
96	MP3B	Mx	-.015	5
97	MP3C	X	160.182	1
98	MP3C	Z	0	1
99	MP3C	Mx	.04	1
100	MP3C	X	160.182	5
101	MP3C	Z	0	5
102	MP3C	Mx	.04	5
103	OVP2	X	180.761	1
104	OVP2	Z	0	1
105	OVP2	Mx	0	1

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	62.405	2
2	MP4A	Z	36.03	2
3	MP4A	Mx	-.028	2
4	MP4A	X	62.405	4
5	MP4A	Z	36.03	4
6	MP4A	Mx	-.028	4
7	MP4B	X	72.661	2
8	MP4B	Z	41.951	2
9	MP4B	Mx	-.027	2
10	MP4B	X	72.661	4
11	MP4B	Z	41.951	4
12	MP4B	Mx	-.027	4
13	MP4C	X	52.767	2
14	MP4C	Z	30.465	2
15	MP4C	Mx	.026	2
16	MP4C	X	52.767	4
17	MP4C	Z	30.465	4
18	MP4C	Mx	.026	4
19	MP2A	X	150.249	1
20	MP2A	Z	86.746	1
21	MP2A	Mx	-.001	1
22	MP2A	X	150.249	5
23	MP2A	Z	86.746	5
24	MP2A	Mx	-.001	5
25	MP2B	X	161.462	1
26	MP2B	Z	93.22	1
27	MP2B	Mx	-.143	1
28	MP2B	X	161.462	5
29	MP2B	Z	93.22	5
30	MP2B	Mx	-.143	5
31	MP2C	X	139.712	1
32	MP2C	Z	80.663	1
33	MP2C	Mx	.117	1
34	MP2C	X	139.712	5
35	MP2C	Z	80.663	5
36	MP2C	Mx	.117	5
37	MP2A	X	150.249	1
38	MP2A	Z	86.746	1
39	MP2A	Mx	-.132	1
40	MP2A	X	150.249	5
41	MP2A	Z	86.746	5
42	MP2A	Mx	-.132	5
43	MP2B	X	161.462	1
44	MP2B	Z	93.22	1
45	MP2B	Mx	.023	1
46	MP2B	X	161.462	5
47	MP2B	Z	93.22	5
48	MP2B	Mx	.023	5
49	MP2C	X	139.712	1
50	MP2C	Z	80.663	1
51	MP2C	Mx	.023	1
52	MP2C	X	139.712	5
53	MP2C	Z	80.663	5
54	MP2C	Mx	.023	5
55	MP1A	X	62.211	2
56	MP1A	Z	35.918	2
57	MP1A	Mx	.028	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1B	X	66.658	2
59	MP1B	Z	38.485	2
60	MP1B	Mx	.025	2
61	MP1C	X	58.033	2
62	MP1C	Z	33.505	2
63	MP1C	Mx	-.029	2
64	MP2A	X	56.455	2
65	MP2A	Z	32.594	2
66	MP2A	Mx	.025	2
67	MP2B	X	62.605	2
68	MP2B	Z	36.145	2
69	MP2B	Mx	.023	2
70	MP2C	X	50.675	2
71	MP2C	Z	29.257	2
72	MP2C	Mx	-.025	2
73	MP2A	X	12.519	4
74	MP2A	Z	7.228	4
75	MP2A	Mx	.006	4
76	MP2B	X	13.337	4
77	MP2B	Z	7.7	4
78	MP2B	Mx	.005	4
79	MP2C	X	11.751	4
80	MP2C	Z	6.785	4
81	MP2C	Mx	-.006	4
82	OVP1	X	143.313	1
83	OVP1	Z	82.742	1
84	OVP1	Mx	0	1
85	MP3A	X	114.988	1
86	MP3A	Z	66.388	1
87	MP3A	Mx	-.051	1
88	MP3A	X	114.988	5
89	MP3A	Z	66.388	5
90	MP3A	Mx	-.051	5
91	MP3B	X	127.224	1
92	MP3B	Z	73.453	1
93	MP3B	Mx	-.047	1
94	MP3B	X	127.224	5
95	MP3B	Z	73.453	5
96	MP3B	Mx	-.047	5
97	MP3C	X	103.49	1
98	MP3C	Z	59.75	1
99	MP3C	Mx	.052	1
100	MP3C	X	103.49	5
101	MP3C	Z	59.75	5
102	MP3C	Mx	.052	5
103	OVP2	X	143.313	1
104	OVP2	Z	82.742	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	52.052	2
2	MP4A	Z	90.156	2
3	MP4A	Mx	-.018	2
4	MP4A	X	52.052	4
5	MP4A	Z	90.156	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP4A	Mx	-.018	4
7	MP4B	X	25.929	2
8	MP4B	Z	44.91	2
9	MP4B	Mx	-.024	2
10	MP4B	X	25.929	4
11	MP4B	Z	44.91	4
12	MP4B	Mx	-.024	4
13	MP4C	X	21.94	2
14	MP4C	Z	38.001	2
15	MP4C	Mx	.022	2
16	MP4C	X	21.94	4
17	MP4C	Z	38.001	4
18	MP4C	Mx	.022	4
19	MP2A	X	104.263	1
20	MP2A	Z	180.588	1
21	MP2A	Mx	.079	1
22	MP2A	X	104.263	5
23	MP2A	Z	180.588	5
24	MP2A	Mx	.079	5
25	MP2B	X	75.704	1
26	MP2B	Z	131.123	1
27	MP2B	Mx	-.101	1
28	MP2B	X	75.704	5
29	MP2B	Z	131.123	5
30	MP2B	Mx	-.101	5
31	MP2C	X	71.343	1
32	MP2C	Z	123.569	1
33	MP2C	Mx	.071	1
34	MP2C	X	71.343	5
35	MP2C	Z	123.569	5
36	MP2C	Mx	.071	5
37	MP2A	X	104.263	1
38	MP2A	Z	180.588	1
39	MP2A	Mx	-.15	1
40	MP2A	X	104.263	5
41	MP2A	Z	180.588	5
42	MP2A	Mx	-.15	5
43	MP2B	X	75.704	1
44	MP2B	Z	131.123	1
45	MP2B	Mx	-.041	1
46	MP2B	X	75.704	5
47	MP2B	Z	131.123	5
48	MP2B	Mx	-.041	5
49	MP2C	X	71.343	1
50	MP2C	Z	123.569	1
51	MP2C	Mx	.071	1
52	MP2C	X	71.343	5
53	MP2C	Z	123.569	5
54	MP2C	Mx	.071	5
55	MP1A	X	42.865	2
56	MP1A	Z	74.244	2
57	MP1A	Mx	.015	2
58	MP1B	X	31.538	2
59	MP1B	Z	54.626	2
60	MP1B	Mx	.03	2
61	MP1C	X	29.809	2
62	MP1C	Z	51.631	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP1C	Mx	-.03	2
64	MP2A	X	42.202	2
65	MP2A	Z	73.096	2
66	MP2A	Mx	.014	2
67	MP2B	X	26.537	2
68	MP2B	Z	45.964	2
69	MP2B	Mx	.025	2
70	MP2C	X	24.145	2
71	MP2C	Z	41.821	2
72	MP2C	Mx	-.024	2
73	MP2A	X	8.505	4
74	MP2A	Z	14.732	4
75	MP2A	Mx	.003	4
76	MP2B	X	6.423	4
77	MP2B	Z	11.125	4
78	MP2B	Mx	.006	4
79	MP2C	X	6.105	4
80	MP2C	Z	10.574	4
81	MP2C	Mx	-.006	4
82	OVP1	X	67.464	1
83	OVP1	Z	116.851	1
84	OVP1	Mx	0	1
85	MP3A	X	85.502	1
86	MP3A	Z	148.095	1
87	MP3A	Mx	-.029	1
88	MP3A	X	85.502	5
89	MP3A	Z	148.095	5
90	MP3A	Mx	-.029	5
91	MP3B	X	54.338	1
92	MP3B	Z	94.117	1
93	MP3B	Mx	-.051	1
94	MP3B	X	54.338	5
95	MP3B	Z	94.117	5
96	MP3B	Mx	-.051	5
97	MP3C	X	49.579	1
98	MP3C	Z	85.874	1
99	MP3C	Mx	.05	1
100	MP3C	X	49.579	5
101	MP3C	Z	85.874	5
102	MP3C	Mx	.05	5
103	OVP2	X	67.464	1
104	OVP2	Z	116.851	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2
2	MP4A	Z	110.025	2
3	MP4A	Mx	.01	2
4	MP4A	X	0	4
5	MP4A	Z	110.025	4
6	MP4A	Mx	.01	4
7	MP4B	X	0	2
8	MP4B	Z	45.936	2
9	MP4B	Mx	-.023	2
10	MP4B	X	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP4B	Z	45.936	4
12	MP4B	Mx	-.023	4
13	MP4C	X	0	2
14	MP4C	Z	60.93	2
15	MP4C	Mx	.026	2
16	MP4C	X	0	4
17	MP4C	Z	60.93	4
18	MP4C	Mx	.026	4
19	MP2A	X	0	1
20	MP2A	Z	214.999	1
21	MP2A	Mx	.142	1
22	MP2A	X	0	5
23	MP2A	Z	214.999	5
24	MP2A	Mx	.142	5
25	MP2B	X	0	1
26	MP2B	Z	144.934	1
27	MP2B	Mx	-.057	1
28	MP2B	X	0	5
29	MP2B	Z	144.934	5
30	MP2B	Mx	-.057	5
31	MP2C	X	0	1
32	MP2C	Z	161.326	1
33	MP2C	Mx	.023	1
34	MP2C	X	0	5
35	MP2C	Z	161.326	5
36	MP2C	Mx	.023	5
37	MP2A	X	0	1
38	MP2A	Z	214.999	1
39	MP2A	Mx	-.105	1
40	MP2A	X	0	5
41	MP2A	Z	214.999	5
42	MP2A	Mx	-.105	5
43	MP2B	X	0	1
44	MP2B	Z	144.934	1
45	MP2B	Mx	-.086	1
46	MP2B	X	0	5
47	MP2B	Z	144.934	5
48	MP2B	Mx	-.086	5
49	MP2C	X	0	1
50	MP2C	Z	161.326	1
51	MP2C	Mx	.117	1
52	MP2C	X	0	5
53	MP2C	Z	161.326	5
54	MP2C	Mx	.117	5
55	MP1A	X	0	2
56	MP1A	Z	88.297	2
57	MP1A	Mx	-.008	2
58	MP1B	X	0	2
59	MP1B	Z	60.509	2
60	MP1B	Mx	.03	2
61	MP1C	X	0	2
62	MP1C	Z	67.01	2
63	MP1C	Mx	-.029	2
64	MP2A	X	0	2
65	MP2A	Z	87.955	2
66	MP2A	Mx	-.008	2
67	MP2B	X	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP2B	Z	49.524	2
69	MP2B	Mx	.024	2
70	MP2C	X	0	2
71	MP2C	Z	58.515	2
72	MP2C	Mx	-.025	2
73	MP2A	X	0	4
74	MP2A	Z	17.483	4
75	MP2A	Mx	-.002	4
76	MP2B	X	0	4
77	MP2B	Z	12.374	4
78	MP2B	Mx	.006	4
79	MP2C	X	0	4
80	MP2C	Z	13.569	4
81	MP2C	Mx	-.006	4
82	OVP1	X	0	1
83	OVP1	Z	119.65	1
84	OVP1	Mx	0	1
85	MP3A	X	0	1
86	MP3A	Z	178.069	1
87	MP3A	Mx	.015	1
88	MP3A	X	0	5
89	MP3A	Z	178.069	5
90	MP3A	Mx	.015	5
91	MP3B	X	0	1
92	MP3B	Z	101.612	1
93	MP3B	Mx	-.05	1
94	MP3B	X	0	5
95	MP3B	Z	101.612	5
96	MP3B	Mx	-.05	5
97	MP3C	X	0	1
98	MP3C	Z	119.5	1
99	MP3C	Mx	.052	1
100	MP3C	X	0	5
101	MP3C	Z	119.5	5
102	MP3C	Mx	.052	5
103	OVP2	X	0	1
104	OVP2	Z	119.65	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-41.951	2
2	MP4A	Z	72.661	2
3	MP4A	Mx	.027	2
4	MP4A	X	-41.951	4
5	MP4A	Z	72.661	4
6	MP4A	Mx	.027	4
7	MP4B	X	-36.03	2
8	MP4B	Z	62.405	2
9	MP4B	Mx	-.028	2
10	MP4B	X	-36.03	4
11	MP4B	Z	62.405	4
12	MP4B	Mx	-.028	4
13	MP4C	X	-47.516	2
14	MP4C	Z	82.299	2
15	MP4C	Mx	.024	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP4C	X	-47.516	4
17	MP4C	Z	82.299	4
18	MP4C	Mx	.024	4
19	MP2A	X	-93.22	1
20	MP2A	Z	161.462	1
21	MP2A	Mx	.143	1
22	MP2A	X	-93.22	5
23	MP2A	Z	161.462	5
24	MP2A	Mx	.143	5
25	MP2B	X	-86.746	1
26	MP2B	Z	150.249	1
27	MP2B	Mx	-.001	1
28	MP2B	X	-86.746	5
29	MP2B	Z	150.249	5
30	MP2B	Mx	-.001	5
31	MP2C	X	-99.303	1
32	MP2C	Z	171.998	1
33	MP2C	Mx	-.051	1
34	MP2C	X	-99.303	5
35	MP2C	Z	171.998	5
36	MP2C	Mx	-.051	5
37	MP2A	X	-93.22	1
38	MP2A	Z	161.462	1
39	MP2A	Mx	-.023	1
40	MP2A	X	-93.22	5
41	MP2A	Z	161.462	5
42	MP2A	Mx	-.023	5
43	MP2B	X	-86.746	1
44	MP2B	Z	150.249	1
45	MP2B	Mx	-.132	1
46	MP2B	X	-86.746	5
47	MP2B	Z	150.249	5
48	MP2B	Mx	-.132	5
49	MP2C	X	-99.303	1
50	MP2C	Z	171.998	1
51	MP2C	Mx	.15	1
52	MP2C	X	-99.303	5
53	MP2C	Z	171.998	5
54	MP2C	Mx	.15	5
55	MP1A	X	-38.485	2
56	MP1A	Z	66.658	2
57	MP1A	Mx	-.025	2
58	MP1B	X	-35.918	2
59	MP1B	Z	62.211	2
60	MP1B	Mx	.028	2
61	MP1C	X	-40.898	2
62	MP1C	Z	70.837	2
63	MP1C	Mx	-.02	2
64	MP2A	X	-36.145	2
65	MP2A	Z	62.605	2
66	MP2A	Mx	-.023	2
67	MP2B	X	-32.594	2
68	MP2B	Z	56.455	2
69	MP2B	Mx	.025	2
70	MP2C	X	-39.482	2
71	MP2C	Z	68.385	2
72	MP2C	Mx	-.02	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP2A	X	-7.7	4
74	MP2A	Z	13.337	4
75	MP2A	Mx	-.005	4
76	MP2B	X	-7.228	4
77	MP2B	Z	12.519	4
78	MP2B	Mx	.006	4
79	MP2C	X	-8.144	4
80	MP2C	Z	14.105	4
81	MP2C	Mx	-.004	4
82	OVP1	X	-67.464	1
83	OVP1	Z	116.851	1
84	OVP1	Mx	0	1
85	MP3A	X	-73.453	1
86	MP3A	Z	127.224	1
87	MP3A	Mx	.047	1
88	MP3A	X	-73.453	5
89	MP3A	Z	127.224	5
90	MP3A	Mx	.047	5
91	MP3B	X	-66.388	1
92	MP3B	Z	114.988	1
93	MP3B	Mx	-.051	1
94	MP3B	X	-66.388	5
95	MP3B	Z	114.988	5
96	MP3B	Mx	-.051	5
97	MP3C	X	-80.091	1
98	MP3C	Z	138.721	1
99	MP3C	Mx	.04	1
100	MP3C	X	-80.091	5
101	MP3C	Z	138.721	5
102	MP3C	Mx	.04	5
103	OVP2	X	-67.464	1
104	OVP2	Z	116.851	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-44.91	2
2	MP4A	Z	25.929	2
3	MP4A	Mx	.024	2
4	MP4A	X	-44.91	4
5	MP4A	Z	25.929	4
6	MP4A	Mx	.024	4
7	MP4B	X	-90.156	2
8	MP4B	Z	52.052	2
9	MP4B	Mx	-.018	2
10	MP4B	X	-90.156	4
11	MP4B	Z	52.052	4
12	MP4B	Mx	-.018	4
13	MP4C	X	-97.065	2
14	MP4C	Z	56.041	2
15	MP4C	Mx	0	2
16	MP4C	X	-97.065	4
17	MP4C	Z	56.041	4
18	MP4C	Mx	0	4
19	MP2A	X	-131.123	1
20	MP2A	Z	75.704	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP2A	Mx	.101	1
22	MP2A	X	-131.123	5
23	MP2A	Z	75.704	5
24	MP2A	Mx	.101	5
25	MP2B	X	-180.588	1
26	MP2B	Z	104.263	1
27	MP2B	Mx	.079	1
28	MP2B	X	-180.588	5
29	MP2B	Z	104.263	5
30	MP2B	Mx	.079	5
31	MP2C	X	-188.142	1
32	MP2C	Z	108.624	1
33	MP2C	Mx	-.127	1
34	MP2C	X	-188.142	5
35	MP2C	Z	108.624	5
36	MP2C	Mx	-.127	5
37	MP2A	X	-131.123	1
38	MP2A	Z	75.704	1
39	MP2A	Mx	.041	1
40	MP2A	X	-131.123	5
41	MP2A	Z	75.704	5
42	MP2A	Mx	.041	5
43	MP2B	X	-180.588	1
44	MP2B	Z	104.263	1
45	MP2B	Mx	-.15	1
46	MP2B	X	-180.588	5
47	MP2B	Z	104.263	5
48	MP2B	Mx	-.15	5
49	MP2C	X	-188.142	1
50	MP2C	Z	108.624	1
51	MP2C	Mx	.127	1
52	MP2C	X	-188.142	5
53	MP2C	Z	108.624	5
54	MP2C	Mx	.127	5
55	MP1A	X	-54.626	2
56	MP1A	Z	31.538	2
57	MP1A	Mx	-.03	2
58	MP1B	X	-74.244	2
59	MP1B	Z	42.865	2
60	MP1B	Mx	.015	2
61	MP1C	X	-77.239	2
62	MP1C	Z	44.594	2
63	MP1C	Mx	0	2
64	MP2A	X	-45.964	2
65	MP2A	Z	26.537	2
66	MP2A	Mx	-.025	2
67	MP2B	X	-73.096	2
68	MP2B	Z	42.202	2
69	MP2B	Mx	.014	2
70	MP2C	X	-77.239	2
71	MP2C	Z	44.594	2
72	MP2C	Mx	0	2
73	MP2A	X	-11.125	4
74	MP2A	Z	6.423	4
75	MP2A	Mx	-.006	4
76	MP2B	X	-14.732	4
77	MP2B	Z	8.505	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP2B	Mx	.003	4
79	MP2C	X	-15.283	4
80	MP2C	Z	8.823	4
81	MP2C	Mx	0	4
82	OVP1	X	-143.313	1
83	OVP1	Z	82.742	1
84	OVP1	Mx	0	1
85	MP3A	X	-94.117	1
86	MP3A	Z	54.338	1
87	MP3A	Mx	.051	1
88	MP3A	X	-94.117	5
89	MP3A	Z	54.338	5
90	MP3A	Mx	.051	5
91	MP3B	X	-148.095	1
92	MP3B	Z	85.502	1
93	MP3B	Mx	-.029	1
94	MP3B	X	-148.095	5
95	MP3B	Z	85.502	5
96	MP3B	Mx	-.029	5
97	MP3C	X	-156.337	1
98	MP3C	Z	90.261	1
99	MP3C	Mx	0	1
100	MP3C	X	-156.337	5
101	MP3C	Z	90.261	5
102	MP3C	Mx	0	5
103	OVP2	X	-143.313	1
104	OVP2	Z	82.742	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-45.936	2
2	MP4A	Z	0	2
3	MP4A	Mx	.023	2
4	MP4A	X	-45.936	4
5	MP4A	Z	0	4
6	MP4A	Mx	.023	4
7	MP4B	X	-110.025	2
8	MP4B	Z	0	2
9	MP4B	Mx	.01	2
10	MP4B	X	-110.025	4
11	MP4B	Z	0	4
12	MP4B	Mx	.01	4
13	MP4C	X	-95.031	2
14	MP4C	Z	0	2
15	MP4C	Mx	-.024	2
16	MP4C	X	-95.031	4
17	MP4C	Z	0	4
18	MP4C	Mx	-.024	4
19	MP2A	X	-144.934	1
20	MP2A	Z	0	1
21	MP2A	Mx	.057	1
22	MP2A	X	-144.934	5
23	MP2A	Z	0	5
24	MP2A	Mx	.057	5
25	MP2B	X	-214.999	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP2B	Z	0	1
27	MP2B	Mx	.142	1
28	MP2B	X	-214.999	5
29	MP2B	Z	0	5
30	MP2B	Mx	.142	5
31	MP2C	X	-198.607	1
32	MP2C	Z	0	1
33	MP2C	Mx	-.15	1
34	MP2C	X	-198.607	5
35	MP2C	Z	0	5
36	MP2C	Mx	-.15	5
37	MP2A	X	-144.934	1
38	MP2A	Z	0	1
39	MP2A	Mx	.086	1
40	MP2A	X	-144.934	5
41	MP2A	Z	0	5
42	MP2A	Mx	.086	5
43	MP2B	X	-214.999	1
44	MP2B	Z	0	1
45	MP2B	Mx	-.105	1
46	MP2B	X	-214.999	5
47	MP2B	Z	0	5
48	MP2B	Mx	-.105	5
49	MP2C	X	-198.607	1
50	MP2C	Z	0	1
51	MP2C	Mx	.051	1
52	MP2C	X	-198.607	5
53	MP2C	Z	0	5
54	MP2C	Mx	.051	5
55	MP1A	X	-60.509	2
56	MP1A	Z	0	2
57	MP1A	Mx	-.03	2
58	MP1B	X	-88.297	2
59	MP1B	Z	0	2
60	MP1B	Mx	-.008	2
61	MP1C	X	-81.796	2
62	MP1C	Z	0	2
63	MP1C	Mx	.02	2
64	MP2A	X	-49.524	2
65	MP2A	Z	0	2
66	MP2A	Mx	-.024	2
67	MP2B	X	-87.955	2
68	MP2B	Z	0	2
69	MP2B	Mx	-.008	2
70	MP2C	X	-78.964	2
71	MP2C	Z	0	2
72	MP2C	Mx	.02	2
73	MP2A	X	-12.374	4
74	MP2A	Z	0	4
75	MP2A	Mx	-.006	4
76	MP2B	X	-17.483	4
77	MP2B	Z	0	4
78	MP2B	Mx	-.002	4
79	MP2C	X	-16.288	4
80	MP2C	Z	0	4
81	MP2C	Mx	.004	4
82	OVP1	X	-180.761	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	OVP1	Z	0	1
84	OVP1	Mx	0	1
85	MP3A	X	-101.612	1
86	MP3A	Z	0	1
87	MP3A	Mx	.05	1
88	MP3A	X	-101.612	5
89	MP3A	Z	0	5
90	MP3A	Mx	.05	5
91	MP3B	X	-178.069	1
92	MP3B	Z	0	1
93	MP3B	Mx	.015	1
94	MP3B	X	-178.069	5
95	MP3B	Z	0	5
96	MP3B	Mx	.015	5
97	MP3C	X	-160.182	1
98	MP3C	Z	0	1
99	MP3C	Mx	-.04	1
100	MP3C	X	-160.182	5
101	MP3C	Z	0	5
102	MP3C	Mx	-.04	5
103	OVP2	X	-180.761	1
104	OVP2	Z	0	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-62.405	2
2	MP4A	Z	-36.03	2
3	MP4A	Mx	.028	2
4	MP4A	X	-62.405	4
5	MP4A	Z	-36.03	4
6	MP4A	Mx	.028	4
7	MP4B	X	-72.661	2
8	MP4B	Z	-41.951	2
9	MP4B	Mx	.027	2
10	MP4B	X	-72.661	4
11	MP4B	Z	-41.951	4
12	MP4B	Mx	.027	4
13	MP4C	X	-52.767	2
14	MP4C	Z	-30.465	2
15	MP4C	Mx	-.026	2
16	MP4C	X	-52.767	4
17	MP4C	Z	-30.465	4
18	MP4C	Mx	-.026	4
19	MP2A	X	-150.249	1
20	MP2A	Z	-86.746	1
21	MP2A	Mx	.001	1
22	MP2A	X	-150.249	5
23	MP2A	Z	-86.746	5
24	MP2A	Mx	.001	5
25	MP2B	X	-161.462	1
26	MP2B	Z	-93.22	1
27	MP2B	Mx	.143	1
28	MP2B	X	-161.462	5
29	MP2B	Z	-93.22	5
30	MP2B	Mx	.143	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP2C	X	-139.712	1
32	MP2C	Z	-80.663	1
33	MP2C	Mx	-.117	1
34	MP2C	X	-139.712	5
35	MP2C	Z	-80.663	5
36	MP2C	Mx	-.117	5
37	MP2A	X	-150.249	1
38	MP2A	Z	-86.746	1
39	MP2A	Mx	.132	1
40	MP2A	X	-150.249	5
41	MP2A	Z	-86.746	5
42	MP2A	Mx	.132	5
43	MP2B	X	-161.462	1
44	MP2B	Z	-93.22	1
45	MP2B	Mx	-.023	1
46	MP2B	X	-161.462	5
47	MP2B	Z	-93.22	5
48	MP2B	Mx	-.023	5
49	MP2C	X	-139.712	1
50	MP2C	Z	-80.663	1
51	MP2C	Mx	-.023	1
52	MP2C	X	-139.712	5
53	MP2C	Z	-80.663	5
54	MP2C	Mx	-.023	5
55	MP1A	X	-62.211	2
56	MP1A	Z	-35.918	2
57	MP1A	Mx	-.028	2
58	MP1B	X	-66.658	2
59	MP1B	Z	-38.485	2
60	MP1B	Mx	-.025	2
61	MP1C	X	-58.033	2
62	MP1C	Z	-33.505	2
63	MP1C	Mx	.029	2
64	MP2A	X	-56.455	2
65	MP2A	Z	-32.594	2
66	MP2A	Mx	-.025	2
67	MP2B	X	-62.605	2
68	MP2B	Z	-36.145	2
69	MP2B	Mx	-.023	2
70	MP2C	X	-50.675	2
71	MP2C	Z	-29.257	2
72	MP2C	Mx	.025	2
73	MP2A	X	-12.519	4
74	MP2A	Z	-7.228	4
75	MP2A	Mx	-.006	4
76	MP2B	X	-13.337	4
77	MP2B	Z	-7.7	4
78	MP2B	Mx	-.005	4
79	MP2C	X	-11.751	4
80	MP2C	Z	-6.785	4
81	MP2C	Mx	.006	4
82	OVP1	X	-143.313	1
83	OVP1	Z	-82.742	1
84	OVP1	Mx	0	1
85	MP3A	X	-114.988	1
86	MP3A	Z	-66.388	1
87	MP3A	Mx	.051	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP3A	X	-114.988	5
89	MP3A	Z	-66.388	5
90	MP3A	Mx	.051	5
91	MP3B	X	-127.224	1
92	MP3B	Z	-73.453	1
93	MP3B	Mx	.047	1
94	MP3B	X	-127.224	5
95	MP3B	Z	-73.453	5
96	MP3B	Mx	.047	5
97	MP3C	X	-103.49	1
98	MP3C	Z	-59.75	1
99	MP3C	Mx	-.052	1
100	MP3C	X	-103.49	5
101	MP3C	Z	-59.75	5
102	MP3C	Mx	-.052	5
103	OVP2	X	-143.313	1
104	OVP2	Z	-82.742	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-52.052	2
2	MP4A	Z	-90.156	2
3	MP4A	Mx	.018	2
4	MP4A	X	-52.052	4
5	MP4A	Z	-90.156	4
6	MP4A	Mx	.018	4
7	MP4B	X	-25.929	2
8	MP4B	Z	-44.91	2
9	MP4B	Mx	.024	2
10	MP4B	X	-25.929	4
11	MP4B	Z	-44.91	4
12	MP4B	Mx	.024	4
13	MP4C	X	-21.94	2
14	MP4C	Z	-38.001	2
15	MP4C	Mx	-.022	2
16	MP4C	X	-21.94	4
17	MP4C	Z	-38.001	4
18	MP4C	Mx	-.022	4
19	MP2A	X	-104.263	1
20	MP2A	Z	-180.588	1
21	MP2A	Mx	-.079	1
22	MP2A	X	-104.263	5
23	MP2A	Z	-180.588	5
24	MP2A	Mx	-.079	5
25	MP2B	X	-75.704	1
26	MP2B	Z	-131.123	1
27	MP2B	Mx	.101	1
28	MP2B	X	-75.704	5
29	MP2B	Z	-131.123	5
30	MP2B	Mx	.101	5
31	MP2C	X	-71.343	1
32	MP2C	Z	-123.569	1
33	MP2C	Mx	-.071	1
34	MP2C	X	-71.343	5
35	MP2C	Z	-123.569	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP2C	Mx	-.071	5
37	MP2A	X	-104.263	1
38	MP2A	Z	-180.588	1
39	MP2A	Mx	.15	1
40	MP2A	X	-104.263	5
41	MP2A	Z	-180.588	5
42	MP2A	Mx	.15	5
43	MP2B	X	-75.704	1
44	MP2B	Z	-131.123	1
45	MP2B	Mx	.041	1
46	MP2B	X	-75.704	5
47	MP2B	Z	-131.123	5
48	MP2B	Mx	.041	5
49	MP2C	X	-71.343	1
50	MP2C	Z	-123.569	1
51	MP2C	Mx	-.071	1
52	MP2C	X	-71.343	5
53	MP2C	Z	-123.569	5
54	MP2C	Mx	-.071	5
55	MP1A	X	-42.865	2
56	MP1A	Z	-74.244	2
57	MP1A	Mx	-.015	2
58	MP1B	X	-31.538	2
59	MP1B	Z	-54.626	2
60	MP1B	Mx	-.03	2
61	MP1C	X	-29.809	2
62	MP1C	Z	-51.631	2
63	MP1C	Mx	.03	2
64	MP2A	X	-42.202	2
65	MP2A	Z	-73.096	2
66	MP2A	Mx	-.014	2
67	MP2B	X	-26.537	2
68	MP2B	Z	-45.964	2
69	MP2B	Mx	-.025	2
70	MP2C	X	-24.145	2
71	MP2C	Z	-41.821	2
72	MP2C	Mx	.024	2
73	MP2A	X	-8.505	4
74	MP2A	Z	-14.732	4
75	MP2A	Mx	-.003	4
76	MP2B	X	-6.423	4
77	MP2B	Z	-11.125	4
78	MP2B	Mx	-.006	4
79	MP2C	X	-6.105	4
80	MP2C	Z	-10.574	4
81	MP2C	Mx	.006	4
82	OVP1	X	-67.464	1
83	OVP1	Z	-116.851	1
84	OVP1	Mx	0	1
85	MP3A	X	-85.502	1
86	MP3A	Z	-148.095	1
87	MP3A	Mx	.029	1
88	MP3A	X	-85.502	5
89	MP3A	Z	-148.095	5
90	MP3A	Mx	.029	5
91	MP3B	X	-54.338	1
92	MP3B	Z	-94.117	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	MP3B	Mx	.051	1
94	MP3B	X	-54.338	5
95	MP3B	Z	-94.117	5
96	MP3B	Mx	.051	5
97	MP3C	X	-49.579	1
98	MP3C	Z	-85.874	1
99	MP3C	Mx	-.05	1
100	MP3C	X	-49.579	5
101	MP3C	Z	-85.874	5
102	MP3C	Mx	-.05	5
103	OVP2	X	-67.464	1
104	OVP2	Z	-116.851	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2
2	MP4A	Z	-19.284	2
3	MP4A	Mx	-.002	2
4	MP4A	X	0	4
5	MP4A	Z	-19.284	4
6	MP4A	Mx	-.002	4
7	MP4B	X	0	2
8	MP4B	Z	-8.698	2
9	MP4B	Mx	.004	2
10	MP4B	X	0	4
11	MP4B	Z	-8.698	4
12	MP4B	Mx	.004	4
13	MP4C	X	0	2
14	MP4C	Z	-11.174	2
15	MP4C	Mx	-.005	2
16	MP4C	X	0	4
17	MP4C	Z	-11.174	4
18	MP4C	Mx	-.005	4
19	MP2A	X	0	1
20	MP2A	Z	-36.543	1
21	MP2A	Mx	-.024	1
22	MP2A	X	0	5
23	MP2A	Z	-36.543	5
24	MP2A	Mx	-.024	5
25	MP2B	X	0	1
26	MP2B	Z	-25.521	1
27	MP2B	Mx	.01	1
28	MP2B	X	0	5
29	MP2B	Z	-25.521	5
30	MP2B	Mx	.01	5
31	MP2C	X	0	1
32	MP2C	Z	-28.1	1
33	MP2C	Mx	-.004	1
34	MP2C	X	0	5
35	MP2C	Z	-28.1	5
36	MP2C	Mx	-.004	5
37	MP2A	X	0	1
38	MP2A	Z	-36.543	1
39	MP2A	Mx	.018	1
40	MP2A	X	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP2A	Z	-36.543	5
42	MP2A	Mx	.018	5
43	MP2B	X	0	1
44	MP2B	Z	-25.521	1
45	MP2B	Mx	.015	1
46	MP2B	X	0	5
47	MP2B	Z	-25.521	5
48	MP2B	Mx	.015	5
49	MP2C	X	0	1
50	MP2C	Z	-28.1	1
51	MP2C	Mx	-.02	1
52	MP2C	X	0	5
53	MP2C	Z	-28.1	5
54	MP2C	Mx	-.02	5
55	MP1A	X	0	2
56	MP1A	Z	-16.386	2
57	MP1A	Mx	.001	2
58	MP1B	X	0	2
59	MP1B	Z	-11.655	2
60	MP1B	Mx	-.006	2
61	MP1C	X	0	2
62	MP1C	Z	-12.762	2
63	MP1C	Mx	.006	2
64	MP2A	X	0	2
65	MP2A	Z	-16.328	2
66	MP2A	Mx	.001	2
67	MP2B	X	0	2
68	MP2B	Z	-9.799	2
69	MP2B	Mx	-.005	2
70	MP2C	X	0	2
71	MP2C	Z	-11.327	2
72	MP2C	Mx	.005	2
73	MP2A	X	0	4
74	MP2A	Z	-3.983	4
75	MP2A	Mx	.000346	4
76	MP2B	X	0	4
77	MP2B	Z	-3.042	4
78	MP2B	Mx	-.001	4
79	MP2C	X	0	4
80	MP2C	Z	-3.262	4
81	MP2C	Mx	.001	4
82	OVP1	X	0	1
83	OVP1	Z	-21.777	1
84	OVP1	Mx	0	1
85	MP3A	X	0	1
86	MP3A	Z	-30.59	1
87	MP3A	Mx	-.003	1
88	MP3A	X	0	5
89	MP3A	Z	-30.59	5
90	MP3A	Mx	-.003	5
91	MP3B	X	0	1
92	MP3B	Z	-18.531	1
93	MP3B	Mx	.009	1
94	MP3B	X	0	5
95	MP3B	Z	-18.531	5
96	MP3B	Mx	.009	5
97	MP3C	X	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP3C	Z	-21.352	1
99	MP3C	Mx	-.009	1
100	MP3C	X	0	5
101	MP3C	Z	-21.352	5
102	MP3C	Mx	-.009	5
103	OVP2	X	0	1
104	OVP2	Z	-21.777	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	7.484	2
2	MP4A	Z	-12.963	2
3	MP4A	Mx	-.005	2
4	MP4A	X	7.484	4
5	MP4A	Z	-12.963	4
6	MP4A	Mx	-.005	4
7	MP4B	X	6.506	2
8	MP4B	Z	-11.269	2
9	MP4B	Mx	.005	2
10	MP4B	X	6.506	4
11	MP4B	Z	-11.269	4
12	MP4B	Mx	.005	4
13	MP4C	X	8.404	2
14	MP4C	Z	-14.555	2
15	MP4C	Mx	-.004	2
16	MP4C	X	8.404	4
17	MP4C	Z	-14.555	4
18	MP4C	Mx	-.004	4
19	MP2A	X	16.025	1
20	MP2A	Z	-27.756	1
21	MP2A	Mx	-.025	1
22	MP2A	X	16.025	5
23	MP2A	Z	-27.756	5
24	MP2A	Mx	-.025	5
25	MP2B	X	15.007	1
26	MP2B	Z	-25.993	1
27	MP2B	Mx	.000242	1
28	MP2B	X	15.007	5
29	MP2B	Z	-25.993	5
30	MP2B	Mx	.000242	5
31	MP2C	X	16.982	1
32	MP2C	Z	-29.414	1
33	MP2C	Mx	.009	1
34	MP2C	X	16.982	5
35	MP2C	Z	-29.414	5
36	MP2C	Mx	.009	5
37	MP2A	X	16.025	1
38	MP2A	Z	-27.756	1
39	MP2A	Mx	.004	1
40	MP2A	X	16.025	5
41	MP2A	Z	-27.756	5
42	MP2A	Mx	.004	5
43	MP2B	X	15.007	1
44	MP2B	Z	-25.993	1
45	MP2B	Mx	.023	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP2B	X	15.007	5
47	MP2B	Z	-25.993	5
48	MP2B	Mx	.023	5
49	MP2C	X	16.982	1
50	MP2C	Z	-29.414	1
51	MP2C	Mx	-.026	1
52	MP2C	X	16.982	5
53	MP2C	Z	-29.414	5
54	MP2C	Mx	-.026	5
55	MP1A	X	7.229	2
56	MP1A	Z	-12.521	2
57	MP1A	Mx	.005	2
58	MP1B	X	6.792	2
59	MP1B	Z	-11.763	2
60	MP1B	Mx	-.005	2
61	MP1C	X	7.64	2
62	MP1C	Z	-13.232	2
63	MP1C	Mx	.004	2
64	MP2A	X	6.834	2
65	MP2A	Z	-11.836	2
66	MP2A	Mx	.004	2
67	MP2B	X	6.23	2
68	MP2B	Z	-10.791	2
69	MP2B	Mx	-.005	2
70	MP2C	X	7.4	2
71	MP2C	Z	-12.818	2
72	MP2C	Mx	.004	2
73	MP2A	X	1.8	4
74	MP2A	Z	-3.117	4
75	MP2A	Mx	.001	4
76	MP2B	X	1.713	4
77	MP2B	Z	-2.967	4
78	MP2B	Mx	-.001	4
79	MP2C	X	1.881	4
80	MP2C	Z	-3.259	4
81	MP2C	Mx	.000941	4
82	OVP1	X	12.146	1
83	OVP1	Z	-21.038	1
84	OVP1	Mx	0	1
85	MP3A	X	12.837	1
86	MP3A	Z	-22.235	1
87	MP3A	Mx	-.008	1
88	MP3A	X	12.837	5
89	MP3A	Z	-22.235	5
90	MP3A	Mx	-.008	5
91	MP3B	X	11.723	1
92	MP3B	Z	-20.305	1
93	MP3B	Mx	.009	1
94	MP3B	X	11.723	5
95	MP3B	Z	-20.305	5
96	MP3B	Mx	.009	5
97	MP3C	X	13.884	1
98	MP3C	Z	-24.048	1
99	MP3C	Mx	-.007	1
100	MP3C	X	13.884	5
101	MP3C	Z	-24.048	5
102	MP3C	Mx	-.007	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
103	OVP2	X	12.146	1
104	OVP2	Z	-21.038	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	8.38	2
2	MP4A	Z	-4.838	2
3	MP4A	Mx	-.005	2
4	MP4A	X	8.38	4
5	MP4A	Z	-4.838	4
6	MP4A	Mx	-.005	4
7	MP4B	X	15.853	2
8	MP4B	Z	-9.153	2
9	MP4B	Mx	.003	2
10	MP4B	X	15.853	4
11	MP4B	Z	-9.153	4
12	MP4B	Mx	.003	4
13	MP4C	X	16.994	2
14	MP4C	Z	-9.812	2
15	MP4C	Mx	0	2
16	MP4C	X	16.994	4
17	MP4C	Z	-9.812	4
18	MP4C	Mx	0	4
19	MP2A	X	22.984	1
20	MP2A	Z	-13.27	1
21	MP2A	Mx	-.018	1
22	MP2A	X	22.984	5
23	MP2A	Z	-13.27	5
24	MP2A	Mx	-.018	5
25	MP2B	X	30.765	1
26	MP2B	Z	-17.762	1
27	MP2B	Mx	-.013	1
28	MP2B	X	30.765	5
29	MP2B	Z	-17.762	5
30	MP2B	Mx	-.013	5
31	MP2C	X	31.953	1
32	MP2C	Z	-18.448	1
33	MP2C	Mx	.022	1
34	MP2C	X	31.953	5
35	MP2C	Z	-18.448	5
36	MP2C	Mx	.022	5
37	MP2A	X	22.984	1
38	MP2A	Z	-13.27	1
39	MP2A	Mx	-.007	1
40	MP2A	X	22.984	5
41	MP2A	Z	-13.27	5
42	MP2A	Mx	-.007	5
43	MP2B	X	30.765	1
44	MP2B	Z	-17.762	1
45	MP2B	Mx	.026	1
46	MP2B	X	30.765	5
47	MP2B	Z	-17.762	5
48	MP2B	Mx	.026	5
49	MP2C	X	31.953	1
50	MP2C	Z	-18.448	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP2C	Mx	-.022	1
52	MP2C	X	31.953	5
53	MP2C	Z	-18.448	5
54	MP2C	Mx	-.022	5
55	MP1A	X	10.472	2
56	MP1A	Z	-6.046	2
57	MP1A	Mx	.006	2
58	MP1B	X	13.812	2
59	MP1B	Z	-7.974	2
60	MP1B	Mx	-.003	2
61	MP1C	X	14.322	2
62	MP1C	Z	-8.269	2
63	MP1C	Mx	0	2
64	MP2A	X	9.009	2
65	MP2A	Z	-5.201	2
66	MP2A	Mx	.005	2
67	MP2B	X	13.618	2
68	MP2B	Z	-7.863	2
69	MP2B	Mx	-.003	2
70	MP2C	X	14.322	2
71	MP2C	Z	-8.269	2
72	MP2C	Mx	0	2
73	MP2A	X	2.71	4
74	MP2A	Z	-1.564	4
75	MP2A	Mx	.001	4
76	MP2B	X	3.374	4
77	MP2B	Z	-1.948	4
78	MP2B	Mx	-.000666	4
79	MP2C	X	3.476	4
80	MP2C	Z	-2.007	4
81	MP2C	Mx	0	4
82	OVP1	X	25.394	1
83	OVP1	Z	-14.661	1
84	OVP1	Mx	0	1
85	MP3A	X	17.013	1
86	MP3A	Z	-9.823	1
87	MP3A	Mx	-.009	1
88	MP3A	X	17.013	5
89	MP3A	Z	-9.823	5
90	MP3A	Mx	-.009	5
91	MP3B	X	25.526	1
92	MP3B	Z	-14.738	1
93	MP3B	Mx	.005	1
94	MP3B	X	25.526	5
95	MP3B	Z	-14.738	5
96	MP3B	Mx	.005	5
97	MP3C	X	26.826	1
98	MP3C	Z	-15.488	1
99	MP3C	Mx	0	1
100	MP3C	X	26.826	5
101	MP3C	Z	-15.488	5
102	MP3C	Mx	0	5
103	OVP2	X	25.394	1
104	OVP2	Z	-14.661	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	8.698	2
2	MP4A	Z	0	2
3	MP4A	Mx	-.004	2
4	MP4A	X	8.698	4
5	MP4A	Z	0	4
6	MP4A	Mx	-.004	4
7	MP4B	X	19.284	2
8	MP4B	Z	0	2
9	MP4B	Mx	-.002	2
10	MP4B	X	19.284	4
11	MP4B	Z	0	4
12	MP4B	Mx	-.002	4
13	MP4C	X	16.807	2
14	MP4C	Z	0	2
15	MP4C	Mx	.004	2
16	MP4C	X	16.807	4
17	MP4C	Z	0	4
18	MP4C	Mx	.004	4
19	MP2A	X	25.521	1
20	MP2A	Z	0	1
21	MP2A	Mx	-.01	1
22	MP2A	X	25.521	5
23	MP2A	Z	0	5
24	MP2A	Mx	-.01	5
25	MP2B	X	36.543	1
26	MP2B	Z	0	1
27	MP2B	Mx	-.024	1
28	MP2B	X	36.543	5
29	MP2B	Z	0	5
30	MP2B	Mx	-.024	5
31	MP2C	X	33.964	1
32	MP2C	Z	0	1
33	MP2C	Mx	.026	1
34	MP2C	X	33.964	5
35	MP2C	Z	0	5
36	MP2C	Mx	.026	5
37	MP2A	X	25.521	1
38	MP2A	Z	0	1
39	MP2A	Mx	-.015	1
40	MP2A	X	25.521	5
41	MP2A	Z	0	5
42	MP2A	Mx	-.015	5
43	MP2B	X	36.543	1
44	MP2B	Z	0	1
45	MP2B	Mx	.018	1
46	MP2B	X	36.543	5
47	MP2B	Z	0	5
48	MP2B	Mx	.018	5
49	MP2C	X	33.964	1
50	MP2C	Z	0	1
51	MP2C	Mx	-.009	1
52	MP2C	X	33.964	5
53	MP2C	Z	0	5
54	MP2C	Mx	-.009	5
55	MP1A	X	11.655	2
56	MP1A	Z	0	2
57	MP1A	Mx	.006	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1B	X	16.386	2
59	MP1B	Z	0	2
60	MP1B	Mx	.001	2
61	MP1C	X	15.279	2
62	MP1C	Z	0	2
63	MP1C	Mx	-.004	2
64	MP2A	X	9.799	2
65	MP2A	Z	0	2
66	MP2A	Mx	.005	2
67	MP2B	X	16.328	2
68	MP2B	Z	0	2
69	MP2B	Mx	.001	2
70	MP2C	X	14.801	2
71	MP2C	Z	0	2
72	MP2C	Mx	-.004	2
73	MP2A	X	3.042	4
74	MP2A	Z	0	4
75	MP2A	Mx	.001	4
76	MP2B	X	3.983	4
77	MP2B	Z	0	4
78	MP2B	Mx	.000346	4
79	MP2C	X	3.763	4
80	MP2C	Z	0	4
81	MP2C	Mx	-.000941	4
82	OVP1	X	31.838	1
83	OVP1	Z	0	1
84	OVP1	Mx	0	1
85	MP3A	X	18.531	1
86	MP3A	Z	0	1
87	MP3A	Mx	-.009	1
88	MP3A	X	18.531	5
89	MP3A	Z	0	5
90	MP3A	Mx	-.009	5
91	MP3B	X	30.59	1
92	MP3B	Z	0	1
93	MP3B	Mx	-.003	1
94	MP3B	X	30.59	5
95	MP3B	Z	0	5
96	MP3B	Mx	-.003	5
97	MP3C	X	27.768	1
98	MP3C	Z	0	1
99	MP3C	Mx	.007	1
100	MP3C	X	27.768	5
101	MP3C	Z	0	5
102	MP3C	Mx	.007	5
103	OVP2	X	31.838	1
104	OVP2	Z	0	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	11.269	2
2	MP4A	Z	6.506	2
3	MP4A	Mx	-.005	2
4	MP4A	X	11.269	4
5	MP4A	Z	6.506	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP4A	Mx	-.005	4
7	MP4B	X	12.963	2
8	MP4B	Z	7.484	2
9	MP4B	Mx	-.005	2
10	MP4B	X	12.963	4
11	MP4B	Z	7.484	4
12	MP4B	Mx	-.005	4
13	MP4C	X	9.677	2
14	MP4C	Z	5.587	2
15	MP4C	Mx	.005	2
16	MP4C	X	9.677	4
17	MP4C	Z	5.587	4
18	MP4C	Mx	.005	4
19	MP2A	X	25.993	1
20	MP2A	Z	15.007	1
21	MP2A	Mx	-.000242	1
22	MP2A	X	25.993	5
23	MP2A	Z	15.007	5
24	MP2A	Mx	-.000242	5
25	MP2B	X	27.756	1
26	MP2B	Z	16.025	1
27	MP2B	Mx	-.025	1
28	MP2B	X	27.756	5
29	MP2B	Z	16.025	5
30	MP2B	Mx	-.025	5
31	MP2C	X	24.335	1
32	MP2C	Z	14.05	1
33	MP2C	Mx	.02	1
34	MP2C	X	24.335	5
35	MP2C	Z	14.05	5
36	MP2C	Mx	.02	5
37	MP2A	X	25.993	1
38	MP2A	Z	15.007	1
39	MP2A	Mx	-.023	1
40	MP2A	X	25.993	5
41	MP2A	Z	15.007	5
42	MP2A	Mx	-.023	5
43	MP2B	X	27.756	1
44	MP2B	Z	16.025	1
45	MP2B	Mx	.004	1
46	MP2B	X	27.756	5
47	MP2B	Z	16.025	5
48	MP2B	Mx	.004	5
49	MP2C	X	24.335	1
50	MP2C	Z	14.05	1
51	MP2C	Mx	.004	1
52	MP2C	X	24.335	5
53	MP2C	Z	14.05	5
54	MP2C	Mx	.004	5
55	MP1A	X	11.763	2
56	MP1A	Z	6.792	2
57	MP1A	Mx	.005	2
58	MP1B	X	12.521	2
59	MP1B	Z	7.229	2
60	MP1B	Mx	.005	2
61	MP1C	X	11.052	2
62	MP1C	Z	6.381	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP1C	Mx	-.006	2
64	MP2A	X	10.791	2
65	MP2A	Z	6.23	2
66	MP2A	Mx	.005	2
67	MP2B	X	11.836	2
68	MP2B	Z	6.834	2
69	MP2B	Mx	.004	2
70	MP2C	X	9.809	2
71	MP2C	Z	5.663	2
72	MP2C	Mx	-.005	2
73	MP2A	X	2.967	4
74	MP2A	Z	1.713	4
75	MP2A	Mx	.001	4
76	MP2B	X	3.117	4
77	MP2B	Z	1.8	4
78	MP2B	Mx	.001	4
79	MP2C	X	2.825	4
80	MP2C	Z	1.631	4
81	MP2C	Mx	-.001	4
82	OVP1	X	25.394	1
83	OVP1	Z	14.661	1
84	OVP1	Mx	0	1
85	MP3A	X	20.305	1
86	MP3A	Z	11.723	1
87	MP3A	Mx	-.009	1
88	MP3A	X	20.305	5
89	MP3A	Z	11.723	5
90	MP3A	Mx	-.009	5
91	MP3B	X	22.235	1
92	MP3B	Z	12.837	1
93	MP3B	Mx	-.008	1
94	MP3B	X	22.235	5
95	MP3B	Z	12.837	5
96	MP3B	Mx	-.008	5
97	MP3C	X	18.492	1
98	MP3C	Z	10.676	1
99	MP3C	Mx	.009	1
100	MP3C	X	18.492	5
101	MP3C	Z	10.676	5
102	MP3C	Mx	.009	5
103	OVP2	X	25.394	1
104	OVP2	Z	14.661	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	9.153	2
2	MP4A	Z	15.853	2
3	MP4A	Mx	-.003	2
4	MP4A	X	9.153	4
5	MP4A	Z	15.853	4
6	MP4A	Mx	-.003	4
7	MP4B	X	4.838	2
8	MP4B	Z	8.38	2
9	MP4B	Mx	-.005	2
10	MP4B	X	4.838	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP4B	Z	8.38	4
12	MP4B	Mx	-.005	4
13	MP4C	X	4.179	2
14	MP4C	Z	7.238	2
15	MP4C	Mx	.004	2
16	MP4C	X	4.179	4
17	MP4C	Z	7.238	4
18	MP4C	Mx	.004	4
19	MP2A	X	17.762	1
20	MP2A	Z	30.765	1
21	MP2A	Mx	.013	1
22	MP2A	X	17.762	5
23	MP2A	Z	30.765	5
24	MP2A	Mx	.013	5
25	MP2B	X	13.27	1
26	MP2B	Z	22.984	1
27	MP2B	Mx	-.018	1
28	MP2B	X	13.27	5
29	MP2B	Z	22.984	5
30	MP2B	Mx	-.018	5
31	MP2C	X	12.584	1
32	MP2C	Z	21.796	1
33	MP2C	Mx	.013	1
34	MP2C	X	12.584	5
35	MP2C	Z	21.796	5
36	MP2C	Mx	.013	5
37	MP2A	X	17.762	1
38	MP2A	Z	30.765	1
39	MP2A	Mx	-.026	1
40	MP2A	X	17.762	5
41	MP2A	Z	30.765	5
42	MP2A	Mx	-.026	5
43	MP2B	X	13.27	1
44	MP2B	Z	22.984	1
45	MP2B	Mx	-.007	1
46	MP2B	X	13.27	5
47	MP2B	Z	22.984	5
48	MP2B	Mx	-.007	5
49	MP2C	X	12.584	1
50	MP2C	Z	21.796	1
51	MP2C	Mx	.013	1
52	MP2C	X	12.584	5
53	MP2C	Z	21.796	5
54	MP2C	Mx	.013	5
55	MP1A	X	7.974	2
56	MP1A	Z	13.812	2
57	MP1A	Mx	.003	2
58	MP1B	X	6.046	2
59	MP1B	Z	10.472	2
60	MP1B	Mx	.006	2
61	MP1C	X	5.752	2
62	MP1C	Z	9.962	2
63	MP1C	Mx	-.006	2
64	MP2A	X	7.863	2
65	MP2A	Z	13.618	2
66	MP2A	Mx	.003	2
67	MP2B	X	5.201	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP2B	Z	9.009	2
69	MP2B	Mx	.005	2
70	MP2C	X	4.795	2
71	MP2C	Z	8.305	2
72	MP2C	Mx	-.005	2
73	MP2A	X	1.948	4
74	MP2A	Z	3.374	4
75	MP2A	Mx	.000666	4
76	MP2B	X	1.564	4
77	MP2B	Z	2.71	4
78	MP2B	Mx	.001	4
79	MP2C	X	1.506	4
80	MP2C	Z	2.608	4
81	MP2C	Mx	-.002	4
82	OVP1	X	12.146	1
83	OVP1	Z	21.038	1
84	OVP1	Mx	0	1
85	MP3A	X	14.738	1
86	MP3A	Z	25.526	1
87	MP3A	Mx	-.005	1
88	MP3A	X	14.738	5
89	MP3A	Z	25.526	5
90	MP3A	Mx	-.005	5
91	MP3B	X	9.823	1
92	MP3B	Z	17.013	1
93	MP3B	Mx	-.009	1
94	MP3B	X	9.823	5
95	MP3B	Z	17.013	5
96	MP3B	Mx	-.009	5
97	MP3C	X	9.072	1
98	MP3C	Z	15.713	1
99	MP3C	Mx	.009	1
100	MP3C	X	9.072	5
101	MP3C	Z	15.713	5
102	MP3C	Mx	.009	5
103	OVP2	X	12.146	1
104	OVP2	Z	21.038	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2
2	MP4A	Z	19.284	2
3	MP4A	Mx	.002	2
4	MP4A	X	0	4
5	MP4A	Z	19.284	4
6	MP4A	Mx	.002	4
7	MP4B	X	0	2
8	MP4B	Z	8.698	2
9	MP4B	Mx	-.004	2
10	MP4B	X	0	4
11	MP4B	Z	8.698	4
12	MP4B	Mx	-.004	4
13	MP4C	X	0	2
14	MP4C	Z	11.174	2
15	MP4C	Mx	.005	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP4C	X	0	4
17	MP4C	Z	11.174	4
18	MP4C	Mx	.005	4
19	MP2A	X	0	1
20	MP2A	Z	36.543	1
21	MP2A	Mx	.024	1
22	MP2A	X	0	5
23	MP2A	Z	36.543	5
24	MP2A	Mx	.024	5
25	MP2B	X	0	1
26	MP2B	Z	25.521	1
27	MP2B	Mx	-.01	1
28	MP2B	X	0	5
29	MP2B	Z	25.521	5
30	MP2B	Mx	-.01	5
31	MP2C	X	0	1
32	MP2C	Z	28.1	1
33	MP2C	Mx	.004	1
34	MP2C	X	0	5
35	MP2C	Z	28.1	5
36	MP2C	Mx	.004	5
37	MP2A	X	0	1
38	MP2A	Z	36.543	1
39	MP2A	Mx	-.018	1
40	MP2A	X	0	5
41	MP2A	Z	36.543	5
42	MP2A	Mx	-.018	5
43	MP2B	X	0	1
44	MP2B	Z	25.521	1
45	MP2B	Mx	-.015	1
46	MP2B	X	0	5
47	MP2B	Z	25.521	5
48	MP2B	Mx	-.015	5
49	MP2C	X	0	1
50	MP2C	Z	28.1	1
51	MP2C	Mx	.02	1
52	MP2C	X	0	5
53	MP2C	Z	28.1	5
54	MP2C	Mx	.02	5
55	MP1A	X	0	2
56	MP1A	Z	16.386	2
57	MP1A	Mx	-.001	2
58	MP1B	X	0	2
59	MP1B	Z	11.655	2
60	MP1B	Mx	.006	2
61	MP1C	X	0	2
62	MP1C	Z	12.762	2
63	MP1C	Mx	-.006	2
64	MP2A	X	0	2
65	MP2A	Z	16.328	2
66	MP2A	Mx	-.001	2
67	MP2B	X	0	2
68	MP2B	Z	9.799	2
69	MP2B	Mx	.005	2
70	MP2C	X	0	2
71	MP2C	Z	11.327	2
72	MP2C	Mx	-.005	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP2A	X	0	4
74	MP2A	Z	3.983	4
75	MP2A	Mx	-.000346	4
76	MP2B	X	0	4
77	MP2B	Z	3.042	4
78	MP2B	Mx	.001	4
79	MP2C	X	0	4
80	MP2C	Z	3.262	4
81	MP2C	Mx	-.001	4
82	OVP1	X	0	1
83	OVP1	Z	21.777	1
84	OVP1	Mx	0	1
85	MP3A	X	0	1
86	MP3A	Z	30.59	1
87	MP3A	Mx	.003	1
88	MP3A	X	0	5
89	MP3A	Z	30.59	5
90	MP3A	Mx	.003	5
91	MP3B	X	0	1
92	MP3B	Z	18.531	1
93	MP3B	Mx	-.009	1
94	MP3B	X	0	5
95	MP3B	Z	18.531	5
96	MP3B	Mx	-.009	5
97	MP3C	X	0	1
98	MP3C	Z	21.352	1
99	MP3C	Mx	.009	1
100	MP3C	X	0	5
101	MP3C	Z	21.352	5
102	MP3C	Mx	.009	5
103	OVP2	X	0	1
104	OVP2	Z	21.777	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-7.484	2
2	MP4A	Z	12.963	2
3	MP4A	Mx	.005	2
4	MP4A	X	-7.484	4
5	MP4A	Z	12.963	4
6	MP4A	Mx	.005	4
7	MP4B	X	-6.506	2
8	MP4B	Z	11.269	2
9	MP4B	Mx	-.005	2
10	MP4B	X	-6.506	4
11	MP4B	Z	11.269	4
12	MP4B	Mx	-.005	4
13	MP4C	X	-8.404	2
14	MP4C	Z	14.555	2
15	MP4C	Mx	.004	2
16	MP4C	X	-8.404	4
17	MP4C	Z	14.555	4
18	MP4C	Mx	.004	4
19	MP2A	X	-16.025	1
20	MP2A	Z	27.756	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP2A	Mx	.025	1
22	MP2A	X	-16.025	5
23	MP2A	Z	27.756	5
24	MP2A	Mx	.025	5
25	MP2B	X	-15.007	1
26	MP2B	Z	25.993	1
27	MP2B	Mx	-.000242	1
28	MP2B	X	-15.007	5
29	MP2B	Z	25.993	5
30	MP2B	Mx	-.000242	5
31	MP2C	X	-16.982	1
32	MP2C	Z	29.414	1
33	MP2C	Mx	-.009	1
34	MP2C	X	-16.982	5
35	MP2C	Z	29.414	5
36	MP2C	Mx	-.009	5
37	MP2A	X	-16.025	1
38	MP2A	Z	27.756	1
39	MP2A	Mx	-.004	1
40	MP2A	X	-16.025	5
41	MP2A	Z	27.756	5
42	MP2A	Mx	-.004	5
43	MP2B	X	-15.007	1
44	MP2B	Z	25.993	1
45	MP2B	Mx	-.023	1
46	MP2B	X	-15.007	5
47	MP2B	Z	25.993	5
48	MP2B	Mx	-.023	5
49	MP2C	X	-16.982	1
50	MP2C	Z	29.414	1
51	MP2C	Mx	.026	1
52	MP2C	X	-16.982	5
53	MP2C	Z	29.414	5
54	MP2C	Mx	.026	5
55	MP1A	X	-7.229	2
56	MP1A	Z	12.521	2
57	MP1A	Mx	-.005	2
58	MP1B	X	-6.792	2
59	MP1B	Z	11.763	2
60	MP1B	Mx	.005	2
61	MP1C	X	-7.64	2
62	MP1C	Z	13.232	2
63	MP1C	Mx	-.004	2
64	MP2A	X	-6.834	2
65	MP2A	Z	11.836	2
66	MP2A	Mx	-.004	2
67	MP2B	X	-6.23	2
68	MP2B	Z	10.791	2
69	MP2B	Mx	.005	2
70	MP2C	X	-7.4	2
71	MP2C	Z	12.818	2
72	MP2C	Mx	-.004	2
73	MP2A	X	-1.8	4
74	MP2A	Z	3.117	4
75	MP2A	Mx	-.001	4
76	MP2B	X	-1.713	4
77	MP2B	Z	2.967	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP2B	Mx	.001	4
79	MP2C	X	-1.881	4
80	MP2C	Z	3.259	4
81	MP2C	Mx	-.000941	4
82	OVP1	X	-12.146	1
83	OVP1	Z	21.038	1
84	OVP1	Mx	0	1
85	MP3A	X	-12.837	1
86	MP3A	Z	22.235	1
87	MP3A	Mx	.008	1
88	MP3A	X	-12.837	5
89	MP3A	Z	22.235	5
90	MP3A	Mx	.008	5
91	MP3B	X	-11.723	1
92	MP3B	Z	20.305	1
93	MP3B	Mx	-.009	1
94	MP3B	X	-11.723	5
95	MP3B	Z	20.305	5
96	MP3B	Mx	-.009	5
97	MP3C	X	-13.884	1
98	MP3C	Z	24.048	1
99	MP3C	Mx	.007	1
100	MP3C	X	-13.884	5
101	MP3C	Z	24.048	5
102	MP3C	Mx	.007	5
103	OVP2	X	-12.146	1
104	OVP2	Z	21.038	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-8.38	2
2	MP4A	Z	4.838	2
3	MP4A	Mx	.005	2
4	MP4A	X	-8.38	4
5	MP4A	Z	4.838	4
6	MP4A	Mx	.005	4
7	MP4B	X	-15.853	2
8	MP4B	Z	9.153	2
9	MP4B	Mx	-.003	2
10	MP4B	X	-15.853	4
11	MP4B	Z	9.153	4
12	MP4B	Mx	-.003	4
13	MP4C	X	-16.994	2
14	MP4C	Z	9.812	2
15	MP4C	Mx	0	2
16	MP4C	X	-16.994	4
17	MP4C	Z	9.812	4
18	MP4C	Mx	0	4
19	MP2A	X	-22.984	1
20	MP2A	Z	13.27	1
21	MP2A	Mx	.018	1
22	MP2A	X	-22.984	5
23	MP2A	Z	13.27	5
24	MP2A	Mx	.018	5
25	MP2B	X	-30.765	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP2B	Z	17.762	1
27	MP2B	Mx	.013	1
28	MP2B	X	-30.765	5
29	MP2B	Z	17.762	5
30	MP2B	Mx	.013	5
31	MP2C	X	-31.953	1
32	MP2C	Z	18.448	1
33	MP2C	Mx	-.022	1
34	MP2C	X	-31.953	5
35	MP2C	Z	18.448	5
36	MP2C	Mx	-.022	5
37	MP2A	X	-22.984	1
38	MP2A	Z	13.27	1
39	MP2A	Mx	.007	1
40	MP2A	X	-22.984	5
41	MP2A	Z	13.27	5
42	MP2A	Mx	.007	5
43	MP2B	X	-30.765	1
44	MP2B	Z	17.762	1
45	MP2B	Mx	-.026	1
46	MP2B	X	-30.765	5
47	MP2B	Z	17.762	5
48	MP2B	Mx	-.026	5
49	MP2C	X	-31.953	1
50	MP2C	Z	18.448	1
51	MP2C	Mx	.022	1
52	MP2C	X	-31.953	5
53	MP2C	Z	18.448	5
54	MP2C	Mx	.022	5
55	MP1A	X	-10.472	2
56	MP1A	Z	6.046	2
57	MP1A	Mx	-.006	2
58	MP1B	X	-13.812	2
59	MP1B	Z	7.974	2
60	MP1B	Mx	.003	2
61	MP1C	X	-14.322	2
62	MP1C	Z	8.269	2
63	MP1C	Mx	0	2
64	MP2A	X	-9.009	2
65	MP2A	Z	5.201	2
66	MP2A	Mx	-.005	2
67	MP2B	X	-13.618	2
68	MP2B	Z	7.863	2
69	MP2B	Mx	.003	2
70	MP2C	X	-14.322	2
71	MP2C	Z	8.269	2
72	MP2C	Mx	0	2
73	MP2A	X	-2.71	4
74	MP2A	Z	1.564	4
75	MP2A	Mx	-.001	4
76	MP2B	X	-3.374	4
77	MP2B	Z	1.948	4
78	MP2B	Mx	.000666	4
79	MP2C	X	-3.476	4
80	MP2C	Z	2.007	4
81	MP2C	Mx	0	4
82	OVP1	X	-25.394	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	OVP1	Z	14.661	1
84	OVP1	Mx	0	1
85	MP3A	X	-17.013	1
86	MP3A	Z	9.823	1
87	MP3A	Mx	.009	1
88	MP3A	X	-17.013	5
89	MP3A	Z	9.823	5
90	MP3A	Mx	.009	5
91	MP3B	X	-25.526	1
92	MP3B	Z	14.738	1
93	MP3B	Mx	-.005	1
94	MP3B	X	-25.526	5
95	MP3B	Z	14.738	5
96	MP3B	Mx	-.005	5
97	MP3C	X	-26.826	1
98	MP3C	Z	15.488	1
99	MP3C	Mx	0	1
100	MP3C	X	-26.826	5
101	MP3C	Z	15.488	5
102	MP3C	Mx	0	5
103	OVP2	X	-25.394	1
104	OVP2	Z	14.661	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-8.698	2
2	MP4A	Z	0	2
3	MP4A	Mx	.004	2
4	MP4A	X	-8.698	4
5	MP4A	Z	0	4
6	MP4A	Mx	.004	4
7	MP4B	X	-19.284	2
8	MP4B	Z	0	2
9	MP4B	Mx	.002	2
10	MP4B	X	-19.284	4
11	MP4B	Z	0	4
12	MP4B	Mx	.002	4
13	MP4C	X	-16.807	2
14	MP4C	Z	0	2
15	MP4C	Mx	-.004	2
16	MP4C	X	-16.807	4
17	MP4C	Z	0	4
18	MP4C	Mx	-.004	4
19	MP2A	X	-25.521	1
20	MP2A	Z	0	1
21	MP2A	Mx	.01	1
22	MP2A	X	-25.521	5
23	MP2A	Z	0	5
24	MP2A	Mx	.01	5
25	MP2B	X	-36.543	1
26	MP2B	Z	0	1
27	MP2B	Mx	.024	1
28	MP2B	X	-36.543	5
29	MP2B	Z	0	5
30	MP2B	Mx	.024	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP2C	X	-33.964	1
32	MP2C	Z	0	1
33	MP2C	Mx	-.026	1
34	MP2C	X	-33.964	5
35	MP2C	Z	0	5
36	MP2C	Mx	-.026	5
37	MP2A	X	-25.521	1
38	MP2A	Z	0	1
39	MP2A	Mx	.015	1
40	MP2A	X	-25.521	5
41	MP2A	Z	0	5
42	MP2A	Mx	.015	5
43	MP2B	X	-36.543	1
44	MP2B	Z	0	1
45	MP2B	Mx	-.018	1
46	MP2B	X	-36.543	5
47	MP2B	Z	0	5
48	MP2B	Mx	-.018	5
49	MP2C	X	-33.964	1
50	MP2C	Z	0	1
51	MP2C	Mx	.009	1
52	MP2C	X	-33.964	5
53	MP2C	Z	0	5
54	MP2C	Mx	.009	5
55	MP1A	X	-11.655	2
56	MP1A	Z	0	2
57	MP1A	Mx	-.006	2
58	MP1B	X	-16.386	2
59	MP1B	Z	0	2
60	MP1B	Mx	-.001	2
61	MP1C	X	-15.279	2
62	MP1C	Z	0	2
63	MP1C	Mx	.004	2
64	MP2A	X	-9.799	2
65	MP2A	Z	0	2
66	MP2A	Mx	-.005	2
67	MP2B	X	-16.328	2
68	MP2B	Z	0	2
69	MP2B	Mx	-.001	2
70	MP2C	X	-14.801	2
71	MP2C	Z	0	2
72	MP2C	Mx	.004	2
73	MP2A	X	-3.042	4
74	MP2A	Z	0	4
75	MP2A	Mx	-.001	4
76	MP2B	X	-3.983	4
77	MP2B	Z	0	4
78	MP2B	Mx	-.000346	4
79	MP2C	X	-3.763	4
80	MP2C	Z	0	4
81	MP2C	Mx	.000941	4
82	OVP1	X	-31.838	1
83	OVP1	Z	0	1
84	OVP1	Mx	0	1
85	MP3A	X	-18.531	1
86	MP3A	Z	0	1
87	MP3A	Mx	.009	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP3A	X	-18.531	5
89	MP3A	Z	0	5
90	MP3A	Mx	.009	5
91	MP3B	X	-30.59	1
92	MP3B	Z	0	1
93	MP3B	Mx	.003	1
94	MP3B	X	-30.59	5
95	MP3B	Z	0	5
96	MP3B	Mx	.003	5
97	MP3C	X	-27.768	1
98	MP3C	Z	0	1
99	MP3C	Mx	-.007	1
100	MP3C	X	-27.768	5
101	MP3C	Z	0	5
102	MP3C	Mx	-.007	5
103	OVP2	X	-31.838	1
104	OVP2	Z	0	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-11.269	2
2	MP4A	Z	-6.506	2
3	MP4A	Mx	.005	2
4	MP4A	X	-11.269	4
5	MP4A	Z	-6.506	4
6	MP4A	Mx	.005	4
7	MP4B	X	-12.963	2
8	MP4B	Z	-7.484	2
9	MP4B	Mx	.005	2
10	MP4B	X	-12.963	4
11	MP4B	Z	-7.484	4
12	MP4B	Mx	.005	4
13	MP4C	X	-9.677	2
14	MP4C	Z	-5.587	2
15	MP4C	Mx	-.005	2
16	MP4C	X	-9.677	4
17	MP4C	Z	-5.587	4
18	MP4C	Mx	-.005	4
19	MP2A	X	-25.993	1
20	MP2A	Z	-15.007	1
21	MP2A	Mx	.000242	1
22	MP2A	X	-25.993	5
23	MP2A	Z	-15.007	5
24	MP2A	Mx	.000242	5
25	MP2B	X	-27.756	1
26	MP2B	Z	-16.025	1
27	MP2B	Mx	.025	1
28	MP2B	X	-27.756	5
29	MP2B	Z	-16.025	5
30	MP2B	Mx	.025	5
31	MP2C	X	-24.335	1
32	MP2C	Z	-14.05	1
33	MP2C	Mx	-.02	1
34	MP2C	X	-24.335	5
35	MP2C	Z	-14.05	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP2C	Mx	-.02	5
37	MP2A	X	-25.993	1
38	MP2A	Z	-15.007	1
39	MP2A	Mx	.023	1
40	MP2A	X	-25.993	5
41	MP2A	Z	-15.007	5
42	MP2A	Mx	.023	5
43	MP2B	X	-27.756	1
44	MP2B	Z	-16.025	1
45	MP2B	Mx	-.004	1
46	MP2B	X	-27.756	5
47	MP2B	Z	-16.025	5
48	MP2B	Mx	-.004	5
49	MP2C	X	-24.335	1
50	MP2C	Z	-14.05	1
51	MP2C	Mx	-.004	1
52	MP2C	X	-24.335	5
53	MP2C	Z	-14.05	5
54	MP2C	Mx	-.004	5
55	MP1A	X	-11.763	2
56	MP1A	Z	-6.792	2
57	MP1A	Mx	-.005	2
58	MP1B	X	-12.521	2
59	MP1B	Z	-7.229	2
60	MP1B	Mx	-.005	2
61	MP1C	X	-11.052	2
62	MP1C	Z	-6.381	2
63	MP1C	Mx	.006	2
64	MP2A	X	-10.791	2
65	MP2A	Z	-6.23	2
66	MP2A	Mx	-.005	2
67	MP2B	X	-11.836	2
68	MP2B	Z	-6.834	2
69	MP2B	Mx	-.004	2
70	MP2C	X	-9.809	2
71	MP2C	Z	-5.663	2
72	MP2C	Mx	.005	2
73	MP2A	X	-2.967	4
74	MP2A	Z	-1.713	4
75	MP2A	Mx	-.001	4
76	MP2B	X	-3.117	4
77	MP2B	Z	-1.8	4
78	MP2B	Mx	-.001	4
79	MP2C	X	-2.825	4
80	MP2C	Z	-1.631	4
81	MP2C	Mx	.001	4
82	OVP1	X	-25.394	1
83	OVP1	Z	-14.661	1
84	OVP1	Mx	0	1
85	MP3A	X	-20.305	1
86	MP3A	Z	-11.723	1
87	MP3A	Mx	.009	1
88	MP3A	X	-20.305	5
89	MP3A	Z	-11.723	5
90	MP3A	Mx	.009	5
91	MP3B	X	-22.235	1
92	MP3B	Z	-12.837	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	MP3B	Mx	.008	1
94	MP3B	X	-22.235	5
95	MP3B	Z	-12.837	5
96	MP3B	Mx	.008	5
97	MP3C	X	-18.492	1
98	MP3C	Z	-10.676	1
99	MP3C	Mx	-.009	1
100	MP3C	X	-18.492	5
101	MP3C	Z	-10.676	5
102	MP3C	Mx	-.009	5
103	OVP2	X	-25.394	1
104	OVP2	Z	-14.661	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-9.153	2
2	MP4A	Z	-15.853	2
3	MP4A	Mx	.003	2
4	MP4A	X	-9.153	4
5	MP4A	Z	-15.853	4
6	MP4A	Mx	.003	4
7	MP4B	X	-4.838	2
8	MP4B	Z	-8.38	2
9	MP4B	Mx	.005	2
10	MP4B	X	-4.838	4
11	MP4B	Z	-8.38	4
12	MP4B	Mx	.005	4
13	MP4C	X	-4.179	2
14	MP4C	Z	-7.238	2
15	MP4C	Mx	-.004	2
16	MP4C	X	-4.179	4
17	MP4C	Z	-7.238	4
18	MP4C	Mx	-.004	4
19	MP2A	X	-17.762	1
20	MP2A	Z	-30.765	1
21	MP2A	Mx	-.013	1
22	MP2A	X	-17.762	5
23	MP2A	Z	-30.765	5
24	MP2A	Mx	-.013	5
25	MP2B	X	-13.27	1
26	MP2B	Z	-22.984	1
27	MP2B	Mx	.018	1
28	MP2B	X	-13.27	5
29	MP2B	Z	-22.984	5
30	MP2B	Mx	.018	5
31	MP2C	X	-12.584	1
32	MP2C	Z	-21.796	1
33	MP2C	Mx	-.013	1
34	MP2C	X	-12.584	5
35	MP2C	Z	-21.796	5
36	MP2C	Mx	-.013	5
37	MP2A	X	-17.762	1
38	MP2A	Z	-30.765	1
39	MP2A	Mx	.026	1
40	MP2A	X	-17.762	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP2A	Z	-30.765	5
42	MP2A	Mx	.026	5
43	MP2B	X	-13.27	1
44	MP2B	Z	-22.984	1
45	MP2B	Mx	.007	1
46	MP2B	X	-13.27	5
47	MP2B	Z	-22.984	5
48	MP2B	Mx	.007	5
49	MP2C	X	-12.584	1
50	MP2C	Z	-21.796	1
51	MP2C	Mx	-.013	1
52	MP2C	X	-12.584	5
53	MP2C	Z	-21.796	5
54	MP2C	Mx	-.013	5
55	MP1A	X	-7.974	2
56	MP1A	Z	-13.812	2
57	MP1A	Mx	-.003	2
58	MP1B	X	-6.046	2
59	MP1B	Z	-10.472	2
60	MP1B	Mx	-.006	2
61	MP1C	X	-5.752	2
62	MP1C	Z	-9.962	2
63	MP1C	Mx	.006	2
64	MP2A	X	-7.863	2
65	MP2A	Z	-13.618	2
66	MP2A	Mx	-.003	2
67	MP2B	X	-5.201	2
68	MP2B	Z	-9.009	2
69	MP2B	Mx	-.005	2
70	MP2C	X	-4.795	2
71	MP2C	Z	-8.305	2
72	MP2C	Mx	.005	2
73	MP2A	X	-1.948	4
74	MP2A	Z	-3.374	4
75	MP2A	Mx	-.000666	4
76	MP2B	X	-1.564	4
77	MP2B	Z	-2.71	4
78	MP2B	Mx	-.001	4
79	MP2C	X	-1.506	4
80	MP2C	Z	-2.608	4
81	MP2C	Mx	.002	4
82	OVP1	X	-12.146	1
83	OVP1	Z	-21.038	1
84	OVP1	Mx	0	1
85	MP3A	X	-14.738	1
86	MP3A	Z	-25.526	1
87	MP3A	Mx	.005	1
88	MP3A	X	-14.738	5
89	MP3A	Z	-25.526	5
90	MP3A	Mx	.005	5
91	MP3B	X	-9.823	1
92	MP3B	Z	-17.013	1
93	MP3B	Mx	.009	1
94	MP3B	X	-9.823	5
95	MP3B	Z	-17.013	5
96	MP3B	Mx	.009	5
97	MP3C	X	-9.072	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP3C	Z	-15.713	1
99	MP3C	Mx	-.009	1
100	MP3C	X	-9.072	5
101	MP3C	Z	-15.713	5
102	MP3C	Mx	-.009	5
103	OVP2	X	-12.146	1
104	OVP2	Z	-21.038	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2
2	MP4A	Z	-6.139	2
3	MP4A	Mx	-.000533	2
4	MP4A	X	0	4
5	MP4A	Z	-6.139	4
6	MP4A	Mx	-.000533	4
7	MP4B	X	0	2
8	MP4B	Z	-2.563	2
9	MP4B	Mx	.001	2
10	MP4B	X	0	4
11	MP4B	Z	-2.563	4
12	MP4B	Mx	.001	4
13	MP4C	X	0	2
14	MP4C	Z	-3.4	2
15	MP4C	Mx	-.001	2
16	MP4C	X	0	4
17	MP4C	Z	-3.4	4
18	MP4C	Mx	-.001	4
19	MP2A	X	0	1
20	MP2A	Z	-11.997	1
21	MP2A	Mx	-.008	1
22	MP2A	X	0	5
23	MP2A	Z	-11.997	5
24	MP2A	Mx	-.008	5
25	MP2B	X	0	1
26	MP2B	Z	-8.087	1
27	MP2B	Mx	.003	1
28	MP2B	X	0	5
29	MP2B	Z	-8.087	5
30	MP2B	Mx	.003	5
31	MP2C	X	0	1
32	MP2C	Z	-9.002	1
33	MP2C	Mx	-.001	1
34	MP2C	X	0	5
35	MP2C	Z	-9.002	5
36	MP2C	Mx	-.001	5
37	MP2A	X	0	1
38	MP2A	Z	-11.997	1
39	MP2A	Mx	.006	1
40	MP2A	X	0	5
41	MP2A	Z	-11.997	5
42	MP2A	Mx	.006	5
43	MP2B	X	0	1
44	MP2B	Z	-8.087	1
45	MP2B	Mx	.005	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP2B	X	0	5
47	MP2B	Z	-8.087	5
48	MP2B	Mx	.005	5
49	MP2C	X	0	1
50	MP2C	Z	-9.002	1
51	MP2C	Mx	-.007	1
52	MP2C	X	0	5
53	MP2C	Z	-9.002	5
54	MP2C	Mx	-.007	5
55	MP1A	X	0	2
56	MP1A	Z	-4.927	2
57	MP1A	Mx	.000428	2
58	MP1B	X	0	2
59	MP1B	Z	-3.376	2
60	MP1B	Mx	-.002	2
61	MP1C	X	0	2
62	MP1C	Z	-3.739	2
63	MP1C	Mx	.002	2
64	MP2A	X	0	2
65	MP2A	Z	-4.908	2
66	MP2A	Mx	.000426	2
67	MP2B	X	0	2
68	MP2B	Z	-2.763	2
69	MP2B	Mx	-.001	2
70	MP2C	X	0	2
71	MP2C	Z	-3.265	2
72	MP2C	Mx	.001	2
73	MP2A	X	0	4
74	MP2A	Z	-.976	4
75	MP2A	Mx	8.5e-5	4
76	MP2B	X	0	4
77	MP2B	Z	-.69	4
78	MP2B	Mx	-.00034	4
79	MP2C	X	0	4
80	MP2C	Z	-.757	4
81	MP2C	Mx	.000328	4
82	OVP1	X	0	1
83	OVP1	Z	-6.676	1
84	OVP1	Mx	0	1
85	MP3A	X	0	1
86	MP3A	Z	-9.936	1
87	MP3A	Mx	-.000863	1
88	MP3A	X	0	5
89	MP3A	Z	-9.936	5
90	MP3A	Mx	-.000863	5
91	MP3B	X	0	1
92	MP3B	Z	-5.67	1
93	MP3B	Mx	.003	1
94	MP3B	X	0	5
95	MP3B	Z	-5.67	5
96	MP3B	Mx	.003	5
97	MP3C	X	0	1
98	MP3C	Z	-6.668	1
99	MP3C	Mx	-.003	1
100	MP3C	X	0	5
101	MP3C	Z	-6.668	5
102	MP3C	Mx	-.003	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
103	OVP2	X	0	1
104	OVP2	Z	-6.676	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	2.341	2
2	MP4A	Z	-4.055	2
3	MP4A	Mx	-.002	2
4	MP4A	X	2.341	4
5	MP4A	Z	-4.055	4
6	MP4A	Mx	-.002	4
7	MP4B	X	2.01	2
8	MP4B	Z	-3.482	2
9	MP4B	Mx	.002	2
10	MP4B	X	2.01	4
11	MP4B	Z	-3.482	4
12	MP4B	Mx	.002	4
13	MP4C	X	2.651	2
14	MP4C	Z	-4.592	2
15	MP4C	Mx	-.001	2
16	MP4C	X	2.651	4
17	MP4C	Z	-4.592	4
18	MP4C	Mx	-.001	4
19	MP2A	X	5.202	1
20	MP2A	Z	-9.01	1
21	MP2A	Mx	-.008	1
22	MP2A	X	5.202	5
23	MP2A	Z	-9.01	5
24	MP2A	Mx	-.008	5
25	MP2B	X	4.84	1
26	MP2B	Z	-8.384	1
27	MP2B	Mx	7.8e-5	1
28	MP2B	X	4.84	5
29	MP2B	Z	-8.384	5
30	MP2B	Mx	7.8e-5	5
31	MP2C	X	5.541	1
32	MP2C	Z	-9.598	1
33	MP2C	Mx	.003	1
34	MP2C	X	5.541	5
35	MP2C	Z	-9.598	5
36	MP2C	Mx	.003	5
37	MP2A	X	5.202	1
38	MP2A	Z	-9.01	1
39	MP2A	Mx	.001	1
40	MP2A	X	5.202	5
41	MP2A	Z	-9.01	5
42	MP2A	Mx	.001	5
43	MP2B	X	4.84	1
44	MP2B	Z	-8.384	1
45	MP2B	Mx	.007	1
46	MP2B	X	4.84	5
47	MP2B	Z	-8.384	5
48	MP2B	Mx	.007	5
49	MP2C	X	5.541	1
50	MP2C	Z	-9.598	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP2C	Mx	-.008	1
52	MP2C	X	5.541	5
53	MP2C	Z	-9.598	5
54	MP2C	Mx	-.008	5
55	MP1A	X	2.147	2
56	MP1A	Z	-3.72	2
57	MP1A	Mx	.001	2
58	MP1B	X	2.004	2
59	MP1B	Z	-3.471	2
60	MP1B	Mx	-.002	2
61	MP1C	X	2.282	2
62	MP1C	Z	-3.953	2
63	MP1C	Mx	.001	2
64	MP2A	X	2.017	2
65	MP2A	Z	-3.493	2
66	MP2A	Mx	.001	2
67	MP2B	X	1.819	2
68	MP2B	Z	-3.15	2
69	MP2B	Mx	-.001	2
70	MP2C	X	2.203	2
71	MP2C	Z	-3.816	2
72	MP2C	Mx	.001	2
73	MP2A	X	.43	4
74	MP2A	Z	-.744	4
75	MP2A	Mx	.000276	4
76	MP2B	X	.403	4
77	MP2B	Z	-.699	4
78	MP2B	Mx	-.000309	4
79	MP2C	X	.454	4
80	MP2C	Z	-.787	4
81	MP2C	Mx	.000227	4
82	OVP1	X	3.764	1
83	OVP1	Z	-6.52	1
84	OVP1	Mx	0	1
85	MP3A	X	4.099	1
86	MP3A	Z	-7.099	1
87	MP3A	Mx	-.003	1
88	MP3A	X	4.099	5
89	MP3A	Z	-7.099	5
90	MP3A	Mx	-.003	5
91	MP3B	X	3.704	1
92	MP3B	Z	-6.416	1
93	MP3B	Mx	.003	1
94	MP3B	X	3.704	5
95	MP3B	Z	-6.416	5
96	MP3B	Mx	.003	5
97	MP3C	X	4.469	1
98	MP3C	Z	-7.741	1
99	MP3C	Mx	-.002	1
100	MP3C	X	4.469	5
101	MP3C	Z	-7.741	5
102	MP3C	Mx	-.002	5
103	OVP2	X	3.764	1
104	OVP2	Z	-6.52	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	2.506	2
2	MP4A	Z	-1.447	2
3	MP4A	Mx	-.001	2
4	MP4A	X	2.506	4
5	MP4A	Z	-1.447	4
6	MP4A	Mx	-.001	4
7	MP4B	X	5.031	2
8	MP4B	Z	-2.904	2
9	MP4B	Mx	.000993	2
10	MP4B	X	5.031	4
11	MP4B	Z	-2.904	4
12	MP4B	Mx	.000993	4
13	MP4C	X	5.416	2
14	MP4C	Z	-3.127	2
15	MP4C	Mx	0	2
16	MP4C	X	5.416	4
17	MP4C	Z	-3.127	4
18	MP4C	Mx	0	4
19	MP2A	X	7.317	1
20	MP2A	Z	-4.224	1
21	MP2A	Mx	-.006	1
22	MP2A	X	7.317	5
23	MP2A	Z	-4.224	5
24	MP2A	Mx	-.006	5
25	MP2B	X	10.077	1
26	MP2B	Z	-5.818	1
27	MP2B	Mx	-.004	1
28	MP2B	X	10.077	5
29	MP2B	Z	-5.818	5
30	MP2B	Mx	-.004	5
31	MP2C	X	10.498	1
32	MP2C	Z	-6.061	1
33	MP2C	Mx	.007	1
34	MP2C	X	10.498	5
35	MP2C	Z	-6.061	5
36	MP2C	Mx	.007	5
37	MP2A	X	7.317	1
38	MP2A	Z	-4.224	1
39	MP2A	Mx	-.002	1
40	MP2A	X	7.317	5
41	MP2A	Z	-4.224	5
42	MP2A	Mx	-.002	5
43	MP2B	X	10.077	1
44	MP2B	Z	-5.818	1
45	MP2B	Mx	.008	1
46	MP2B	X	10.077	5
47	MP2B	Z	-5.818	5
48	MP2B	Mx	.008	5
49	MP2C	X	10.498	1
50	MP2C	Z	-6.061	1
51	MP2C	Mx	-.007	1
52	MP2C	X	10.498	5
53	MP2C	Z	-6.061	5
54	MP2C	Mx	-.007	5
55	MP1A	X	3.048	2
56	MP1A	Z	-1.76	2
57	MP1A	Mx	.002	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1B	X	4.143	2
59	MP1B	Z	-2.392	2
60	MP1B	Mx	-.000818	2
61	MP1C	X	4.31	2
62	MP1C	Z	-2.488	2
63	MP1C	Mx	0	2
64	MP2A	X	2.565	2
65	MP2A	Z	-1.481	2
66	MP2A	Mx	.001	2
67	MP2B	X	4.079	2
68	MP2B	Z	-2.355	2
69	MP2B	Mx	-.000805	2
70	MP2C	X	4.31	2
71	MP2C	Z	-2.488	2
72	MP2C	Mx	0	2
73	MP2A	X	.621	4
74	MP2A	Z	-.358	4
75	MP2A	Mx	.000337	4
76	MP2B	X	.822	4
77	MP2B	Z	-.475	4
78	MP2B	Mx	-.000163	4
79	MP2C	X	.853	4
80	MP2C	Z	-.492	4
81	MP2C	Mx	0	4
82	OVP1	X	7.997	1
83	OVP1	Z	-4.617	1
84	OVP1	Mx	0	1
85	MP3A	X	5.252	1
86	MP3A	Z	-3.032	1
87	MP3A	Mx	-.003	1
88	MP3A	X	5.252	5
89	MP3A	Z	-3.032	5
90	MP3A	Mx	-.003	5
91	MP3B	X	8.264	1
92	MP3B	Z	-4.771	1
93	MP3B	Mx	.002	1
94	MP3B	X	8.264	5
95	MP3B	Z	-4.771	5
96	MP3B	Mx	.002	5
97	MP3C	X	8.724	1
98	MP3C	Z	-5.037	1
99	MP3C	Mx	0	1
100	MP3C	X	8.724	5
101	MP3C	Z	-5.037	5
102	MP3C	Mx	0	5
103	OVP2	X	7.997	1
104	OVP2	Z	-4.617	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	2.563	2
2	MP4A	Z	0	2
3	MP4A	Mx	-.001	2
4	MP4A	X	2.563	4
5	MP4A	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP4A	Mx	-.001	4
7	MP4B	X	6.139	2
8	MP4B	Z	0	2
9	MP4B	Mx	-.000533	2
10	MP4B	X	6.139	4
11	MP4B	Z	0	4
12	MP4B	Mx	-.000533	4
13	MP4C	X	5.303	2
14	MP4C	Z	0	2
15	MP4C	Mx	.001	2
16	MP4C	X	5.303	4
17	MP4C	Z	0	4
18	MP4C	Mx	.001	4
19	MP2A	X	8.087	1
20	MP2A	Z	0	1
21	MP2A	Mx	-.003	1
22	MP2A	X	8.087	5
23	MP2A	Z	0	5
24	MP2A	Mx	-.003	5
25	MP2B	X	11.997	1
26	MP2B	Z	0	1
27	MP2B	Mx	-.008	1
28	MP2B	X	11.997	5
29	MP2B	Z	0	5
30	MP2B	Mx	-.008	5
31	MP2C	X	11.082	1
32	MP2C	Z	0	1
33	MP2C	Mx	.008	1
34	MP2C	X	11.082	5
35	MP2C	Z	0	5
36	MP2C	Mx	.008	5
37	MP2A	X	8.087	1
38	MP2A	Z	0	1
39	MP2A	Mx	-.005	1
40	MP2A	X	8.087	5
41	MP2A	Z	0	5
42	MP2A	Mx	-.005	5
43	MP2B	X	11.997	1
44	MP2B	Z	0	1
45	MP2B	Mx	.006	1
46	MP2B	X	11.997	5
47	MP2B	Z	0	5
48	MP2B	Mx	.006	5
49	MP2C	X	11.082	1
50	MP2C	Z	0	1
51	MP2C	Mx	-.003	1
52	MP2C	X	11.082	5
53	MP2C	Z	0	5
54	MP2C	Mx	-.003	5
55	MP1A	X	3.376	2
56	MP1A	Z	0	2
57	MP1A	Mx	.002	2
58	MP1B	X	4.927	2
59	MP1B	Z	0	2
60	MP1B	Mx	.000428	2
61	MP1C	X	4.564	2
62	MP1C	Z	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP1C	Mx	-.001	2
64	MP2A	X	2.763	2
65	MP2A	Z	0	2
66	MP2A	Mx	.001	2
67	MP2B	X	4.908	2
68	MP2B	Z	0	2
69	MP2B	Mx	.000426	2
70	MP2C	X	4.406	2
71	MP2C	Z	0	2
72	MP2C	Mx	-.001	2
73	MP2A	X	.69	4
74	MP2A	Z	0	4
75	MP2A	Mx	.00034	4
76	MP2B	X	.976	4
77	MP2B	Z	0	4
78	MP2B	Mx	8.5e-5	4
79	MP2C	X	.909	4
80	MP2C	Z	0	4
81	MP2C	Mx	-.000227	4
82	OVP1	X	10.086	1
83	OVP1	Z	0	1
84	OVP1	Mx	0	1
85	MP3A	X	5.67	1
86	MP3A	Z	0	1
87	MP3A	Mx	-.003	1
88	MP3A	X	5.67	5
89	MP3A	Z	0	5
90	MP3A	Mx	-.003	5
91	MP3B	X	9.936	1
92	MP3B	Z	0	1
93	MP3B	Mx	-.000863	1
94	MP3B	X	9.936	5
95	MP3B	Z	0	5
96	MP3B	Mx	-.000863	5
97	MP3C	X	8.938	1
98	MP3C	Z	0	1
99	MP3C	Mx	.002	1
100	MP3C	X	8.938	5
101	MP3C	Z	0	5
102	MP3C	Mx	.002	5
103	OVP2	X	10.086	1
104	OVP2	Z	0	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	3.482	2
2	MP4A	Z	2.01	2
3	MP4A	Mx	-.002	2
4	MP4A	X	3.482	4
5	MP4A	Z	2.01	4
6	MP4A	Mx	-.002	4
7	MP4B	X	4.055	2
8	MP4B	Z	2.341	2
9	MP4B	Mx	-.002	2
10	MP4B	X	4.055	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP4B	Z	2.341	4
12	MP4B	Mx	-.002	4
13	MP4C	X	2.944	2
14	MP4C	Z	1.7	2
15	MP4C	Mx	.001	2
16	MP4C	X	2.944	4
17	MP4C	Z	1.7	4
18	MP4C	Mx	.001	4
19	MP2A	X	8.384	1
20	MP2A	Z	4.84	1
21	MP2A	Mx	-7.8e-5	1
22	MP2A	X	8.384	5
23	MP2A	Z	4.84	5
24	MP2A	Mx	-7.8e-5	5
25	MP2B	X	9.01	1
26	MP2B	Z	5.202	1
27	MP2B	Mx	-.008	1
28	MP2B	X	9.01	5
29	MP2B	Z	5.202	5
30	MP2B	Mx	-.008	5
31	MP2C	X	7.796	1
32	MP2C	Z	4.501	1
33	MP2C	Mx	.007	1
34	MP2C	X	7.796	5
35	MP2C	Z	4.501	5
36	MP2C	Mx	.007	5
37	MP2A	X	8.384	1
38	MP2A	Z	4.84	1
39	MP2A	Mx	-.007	1
40	MP2A	X	8.384	5
41	MP2A	Z	4.84	5
42	MP2A	Mx	-.007	5
43	MP2B	X	9.01	1
44	MP2B	Z	5.202	1
45	MP2B	Mx	.001	1
46	MP2B	X	9.01	5
47	MP2B	Z	5.202	5
48	MP2B	Mx	.001	5
49	MP2C	X	7.796	1
50	MP2C	Z	4.501	1
51	MP2C	Mx	.001	1
52	MP2C	X	7.796	5
53	MP2C	Z	4.501	5
54	MP2C	Mx	.001	5
55	MP1A	X	3.471	2
56	MP1A	Z	2.004	2
57	MP1A	Mx	.002	2
58	MP1B	X	3.72	2
59	MP1B	Z	2.147	2
60	MP1B	Mx	.001	2
61	MP1C	X	3.238	2
62	MP1C	Z	1.87	2
63	MP1C	Mx	-.002	2
64	MP2A	X	3.15	2
65	MP2A	Z	1.819	2
66	MP2A	Mx	.001	2
67	MP2B	X	3.493	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP2B	Z	2.017	2
69	MP2B	Mx	.001	2
70	MP2C	X	2.828	2
71	MP2C	Z	1.633	2
72	MP2C	Mx	-.001	2
73	MP2A	X	.699	4
74	MP2A	Z	.403	4
75	MP2A	Mx	.000309	4
76	MP2B	X	.744	4
77	MP2B	Z	.43	4
78	MP2B	Mx	.000276	4
79	MP2C	X	.656	4
80	MP2C	Z	.379	4
81	MP2C	Mx	-.000328	4
82	OVP1	X	7.997	1
83	OVP1	Z	4.617	1
84	OVP1	Mx	0	1
85	MP3A	X	6.416	1
86	MP3A	Z	3.704	1
87	MP3A	Mx	-.003	1
88	MP3A	X	6.416	5
89	MP3A	Z	3.704	5
90	MP3A	Mx	-.003	5
91	MP3B	X	7.099	1
92	MP3B	Z	4.099	1
93	MP3B	Mx	-.003	1
94	MP3B	X	7.099	5
95	MP3B	Z	4.099	5
96	MP3B	Mx	-.003	5
97	MP3C	X	5.775	1
98	MP3C	Z	3.334	1
99	MP3C	Mx	.003	1
100	MP3C	X	5.775	5
101	MP3C	Z	3.334	5
102	MP3C	Mx	.003	5
103	OVP2	X	7.997	1
104	OVP2	Z	4.617	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	2.904	2
2	MP4A	Z	5.031	2
3	MP4A	Mx	-.000993	2
4	MP4A	X	2.904	4
5	MP4A	Z	5.031	4
6	MP4A	Mx	-.000993	4
7	MP4B	X	1.447	2
8	MP4B	Z	2.506	2
9	MP4B	Mx	-.001	2
10	MP4B	X	1.447	4
11	MP4B	Z	2.506	4
12	MP4B	Mx	-.001	4
13	MP4C	X	1.224	2
14	MP4C	Z	2.12	2
15	MP4C	Mx	.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP4C	X	1.224	4
17	MP4C	Z	2.12	4
18	MP4C	Mx	.001	4
19	MP2A	X	5.818	1
20	MP2A	Z	10.077	1
21	MP2A	Mx	.004	1
22	MP2A	X	5.818	5
23	MP2A	Z	10.077	5
24	MP2A	Mx	.004	5
25	MP2B	X	4.224	1
26	MP2B	Z	7.317	1
27	MP2B	Mx	-.006	1
28	MP2B	X	4.224	5
29	MP2B	Z	7.317	5
30	MP2B	Mx	-.006	5
31	MP2C	X	3.981	1
32	MP2C	Z	6.895	1
33	MP2C	Mx	.004	1
34	MP2C	X	3.981	5
35	MP2C	Z	6.895	5
36	MP2C	Mx	.004	5
37	MP2A	X	5.818	1
38	MP2A	Z	10.077	1
39	MP2A	Mx	-.008	1
40	MP2A	X	5.818	5
41	MP2A	Z	10.077	5
42	MP2A	Mx	-.008	5
43	MP2B	X	4.224	1
44	MP2B	Z	7.317	1
45	MP2B	Mx	-.002	1
46	MP2B	X	4.224	5
47	MP2B	Z	7.317	5
48	MP2B	Mx	-.002	5
49	MP2C	X	3.981	1
50	MP2C	Z	6.895	1
51	MP2C	Mx	.004	1
52	MP2C	X	3.981	5
53	MP2C	Z	6.895	5
54	MP2C	Mx	.004	5
55	MP1A	X	2.392	2
56	MP1A	Z	4.143	2
57	MP1A	Mx	.000818	2
58	MP1B	X	1.76	2
59	MP1B	Z	3.048	2
60	MP1B	Mx	.002	2
61	MP1C	X	1.663	2
62	MP1C	Z	2.881	2
63	MP1C	Mx	-.002	2
64	MP2A	X	2.355	2
65	MP2A	Z	4.079	2
66	MP2A	Mx	.000805	2
67	MP2B	X	1.481	2
68	MP2B	Z	2.565	2
69	MP2B	Mx	.001	2
70	MP2C	X	1.347	2
71	MP2C	Z	2.334	2
72	MP2C	Mx	-.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP2A	X	.475	4
74	MP2A	Z	.822	4
75	MP2A	Mx	.000163	4
76	MP2B	X	.358	4
77	MP2B	Z	.621	4
78	MP2B	Mx	.000337	4
79	MP2C	X	.341	4
80	MP2C	Z	.59	4
81	MP2C	Mx	-.000341	4
82	OVP1	X	3.764	1
83	OVP1	Z	6.52	1
84	OVP1	Mx	0	1
85	MP3A	X	4.771	1
86	MP3A	Z	8.264	1
87	MP3A	Mx	-.002	1
88	MP3A	X	4.771	5
89	MP3A	Z	8.264	5
90	MP3A	Mx	-.002	5
91	MP3B	X	3.032	1
92	MP3B	Z	5.252	1
93	MP3B	Mx	-.003	1
94	MP3B	X	3.032	5
95	MP3B	Z	5.252	5
96	MP3B	Mx	-.003	5
97	MP3C	X	2.767	1
98	MP3C	Z	4.792	1
99	MP3C	Mx	.003	1
100	MP3C	X	2.767	5
101	MP3C	Z	4.792	5
102	MP3C	Mx	.003	5
103	OVP2	X	3.764	1
104	OVP2	Z	6.52	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2
2	MP4A	Z	6.139	2
3	MP4A	Mx	.000533	2
4	MP4A	X	0	4
5	MP4A	Z	6.139	4
6	MP4A	Mx	.000533	4
7	MP4B	X	0	2
8	MP4B	Z	2.563	2
9	MP4B	Mx	-.001	2
10	MP4B	X	0	4
11	MP4B	Z	2.563	4
12	MP4B	Mx	-.001	4
13	MP4C	X	0	2
14	MP4C	Z	3.4	2
15	MP4C	Mx	.001	2
16	MP4C	X	0	4
17	MP4C	Z	3.4	4
18	MP4C	Mx	.001	4
19	MP2A	X	0	1
20	MP2A	Z	11.997	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP2A	Mx	.008	1
22	MP2A	X	0	5
23	MP2A	Z	11.997	5
24	MP2A	Mx	.008	5
25	MP2B	X	0	1
26	MP2B	Z	8.087	1
27	MP2B	Mx	-.003	1
28	MP2B	X	0	5
29	MP2B	Z	8.087	5
30	MP2B	Mx	-.003	5
31	MP2C	X	0	1
32	MP2C	Z	9.002	1
33	MP2C	Mx	.001	1
34	MP2C	X	0	5
35	MP2C	Z	9.002	5
36	MP2C	Mx	.001	5
37	MP2A	X	0	1
38	MP2A	Z	11.997	1
39	MP2A	Mx	-.006	1
40	MP2A	X	0	5
41	MP2A	Z	11.997	5
42	MP2A	Mx	-.006	5
43	MP2B	X	0	1
44	MP2B	Z	8.087	1
45	MP2B	Mx	-.005	1
46	MP2B	X	0	5
47	MP2B	Z	8.087	5
48	MP2B	Mx	-.005	5
49	MP2C	X	0	1
50	MP2C	Z	9.002	1
51	MP2C	Mx	.007	1
52	MP2C	X	0	5
53	MP2C	Z	9.002	5
54	MP2C	Mx	.007	5
55	MP1A	X	0	2
56	MP1A	Z	4.927	2
57	MP1A	Mx	-.000428	2
58	MP1B	X	0	2
59	MP1B	Z	3.376	2
60	MP1B	Mx	.002	2
61	MP1C	X	0	2
62	MP1C	Z	3.739	2
63	MP1C	Mx	-.002	2
64	MP2A	X	0	2
65	MP2A	Z	4.908	2
66	MP2A	Mx	-.000426	2
67	MP2B	X	0	2
68	MP2B	Z	2.763	2
69	MP2B	Mx	.001	2
70	MP2C	X	0	2
71	MP2C	Z	3.265	2
72	MP2C	Mx	-.001	2
73	MP2A	X	0	4
74	MP2A	Z	.976	4
75	MP2A	Mx	-8.5e-5	4
76	MP2B	X	0	4
77	MP2B	Z	.69	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP2B	Mx	.00034	4
79	MP2C	X	0	4
80	MP2C	Z	.757	4
81	MP2C	Mx	-.000328	4
82	OVP1	X	0	1
83	OVP1	Z	6.676	1
84	OVP1	Mx	0	1
85	MP3A	X	0	1
86	MP3A	Z	9.936	1
87	MP3A	Mx	.000863	1
88	MP3A	X	0	5
89	MP3A	Z	9.936	5
90	MP3A	Mx	.000863	5
91	MP3B	X	0	1
92	MP3B	Z	5.67	1
93	MP3B	Mx	-.003	1
94	MP3B	X	0	5
95	MP3B	Z	5.67	5
96	MP3B	Mx	-.003	5
97	MP3C	X	0	1
98	MP3C	Z	6.668	1
99	MP3C	Mx	.003	1
100	MP3C	X	0	5
101	MP3C	Z	6.668	5
102	MP3C	Mx	.003	5
103	OVP2	X	0	1
104	OVP2	Z	6.676	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-2.341	2
2	MP4A	Z	4.055	2
3	MP4A	Mx	.002	2
4	MP4A	X	-2.341	4
5	MP4A	Z	4.055	4
6	MP4A	Mx	.002	4
7	MP4B	X	-2.01	2
8	MP4B	Z	3.482	2
9	MP4B	Mx	-.002	2
10	MP4B	X	-2.01	4
11	MP4B	Z	3.482	4
12	MP4B	Mx	-.002	4
13	MP4C	X	-2.651	2
14	MP4C	Z	4.592	2
15	MP4C	Mx	.001	2
16	MP4C	X	-2.651	4
17	MP4C	Z	4.592	4
18	MP4C	Mx	.001	4
19	MP2A	X	-5.202	1
20	MP2A	Z	9.01	1
21	MP2A	Mx	.008	1
22	MP2A	X	-5.202	5
23	MP2A	Z	9.01	5
24	MP2A	Mx	.008	5
25	MP2B	X	-4.84	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP2B	Z	8.384	1
27	MP2B	Mx	-7.8e-5	1
28	MP2B	X	-4.84	5
29	MP2B	Z	8.384	5
30	MP2B	Mx	-7.8e-5	5
31	MP2C	X	-5.541	1
32	MP2C	Z	9.598	1
33	MP2C	Mx	-.003	1
34	MP2C	X	-5.541	5
35	MP2C	Z	9.598	5
36	MP2C	Mx	-.003	5
37	MP2A	X	-5.202	1
38	MP2A	Z	9.01	1
39	MP2A	Mx	-.001	1
40	MP2A	X	-5.202	5
41	MP2A	Z	9.01	5
42	MP2A	Mx	-.001	5
43	MP2B	X	-4.84	1
44	MP2B	Z	8.384	1
45	MP2B	Mx	-.007	1
46	MP2B	X	-4.84	5
47	MP2B	Z	8.384	5
48	MP2B	Mx	-.007	5
49	MP2C	X	-5.541	1
50	MP2C	Z	9.598	1
51	MP2C	Mx	.008	1
52	MP2C	X	-5.541	5
53	MP2C	Z	9.598	5
54	MP2C	Mx	.008	5
55	MP1A	X	-2.147	2
56	MP1A	Z	3.72	2
57	MP1A	Mx	-.001	2
58	MP1B	X	-2.004	2
59	MP1B	Z	3.471	2
60	MP1B	Mx	.002	2
61	MP1C	X	-2.282	2
62	MP1C	Z	3.953	2
63	MP1C	Mx	-.001	2
64	MP2A	X	-2.017	2
65	MP2A	Z	3.493	2
66	MP2A	Mx	-.001	2
67	MP2B	X	-1.819	2
68	MP2B	Z	3.15	2
69	MP2B	Mx	.001	2
70	MP2C	X	-2.203	2
71	MP2C	Z	3.816	2
72	MP2C	Mx	-.001	2
73	MP2A	X	-.43	4
74	MP2A	Z	.744	4
75	MP2A	Mx	-.000276	4
76	MP2B	X	-.403	4
77	MP2B	Z	.699	4
78	MP2B	Mx	.000309	4
79	MP2C	X	-.454	4
80	MP2C	Z	.787	4
81	MP2C	Mx	-.000227	4
82	OVP1	X	-3.764	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	OVP1	Z	6.52	1
84	OVP1	Mx	0	1
85	MP3A	X	-4.099	1
86	MP3A	Z	7.099	1
87	MP3A	Mx	.003	1
88	MP3A	X	-4.099	5
89	MP3A	Z	7.099	5
90	MP3A	Mx	.003	5
91	MP3B	X	-3.704	1
92	MP3B	Z	6.416	1
93	MP3B	Mx	-.003	1
94	MP3B	X	-3.704	5
95	MP3B	Z	6.416	5
96	MP3B	Mx	-.003	5
97	MP3C	X	-4.469	1
98	MP3C	Z	7.741	1
99	MP3C	Mx	.002	1
100	MP3C	X	-4.469	5
101	MP3C	Z	7.741	5
102	MP3C	Mx	.002	5
103	OVP2	X	-3.764	1
104	OVP2	Z	6.52	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-2.506	2
2	MP4A	Z	1.447	2
3	MP4A	Mx	.001	2
4	MP4A	X	-2.506	4
5	MP4A	Z	1.447	4
6	MP4A	Mx	.001	4
7	MP4B	X	-5.031	2
8	MP4B	Z	2.904	2
9	MP4B	Mx	-.000993	2
10	MP4B	X	-5.031	4
11	MP4B	Z	2.904	4
12	MP4B	Mx	-.000993	4
13	MP4C	X	-5.416	2
14	MP4C	Z	3.127	2
15	MP4C	Mx	0	2
16	MP4C	X	-5.416	4
17	MP4C	Z	3.127	4
18	MP4C	Mx	0	4
19	MP2A	X	-7.317	1
20	MP2A	Z	4.224	1
21	MP2A	Mx	.006	1
22	MP2A	X	-7.317	5
23	MP2A	Z	4.224	5
24	MP2A	Mx	.006	5
25	MP2B	X	-10.077	1
26	MP2B	Z	5.818	1
27	MP2B	Mx	.004	1
28	MP2B	X	-10.077	5
29	MP2B	Z	5.818	5
30	MP2B	Mx	.004	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP2C	X	-10.498	1
32	MP2C	Z	6.061	1
33	MP2C	Mx	-.007	1
34	MP2C	X	-10.498	5
35	MP2C	Z	6.061	5
36	MP2C	Mx	-.007	5
37	MP2A	X	-7.317	1
38	MP2A	Z	4.224	1
39	MP2A	Mx	.002	1
40	MP2A	X	-7.317	5
41	MP2A	Z	4.224	5
42	MP2A	Mx	.002	5
43	MP2B	X	-10.077	1
44	MP2B	Z	5.818	1
45	MP2B	Mx	-.008	1
46	MP2B	X	-10.077	5
47	MP2B	Z	5.818	5
48	MP2B	Mx	-.008	5
49	MP2C	X	-10.498	1
50	MP2C	Z	6.061	1
51	MP2C	Mx	.007	1
52	MP2C	X	-10.498	5
53	MP2C	Z	6.061	5
54	MP2C	Mx	.007	5
55	MP1A	X	-3.048	2
56	MP1A	Z	1.76	2
57	MP1A	Mx	-.002	2
58	MP1B	X	-4.143	2
59	MP1B	Z	2.392	2
60	MP1B	Mx	.000818	2
61	MP1C	X	-4.31	2
62	MP1C	Z	2.488	2
63	MP1C	Mx	0	2
64	MP2A	X	-2.565	2
65	MP2A	Z	1.481	2
66	MP2A	Mx	-.001	2
67	MP2B	X	-4.079	2
68	MP2B	Z	2.355	2
69	MP2B	Mx	.000805	2
70	MP2C	X	-4.31	2
71	MP2C	Z	2.488	2
72	MP2C	Mx	0	2
73	MP2A	X	-.621	4
74	MP2A	Z	.358	4
75	MP2A	Mx	-.000337	4
76	MP2B	X	-.822	4
77	MP2B	Z	.475	4
78	MP2B	Mx	.000163	4
79	MP2C	X	-.853	4
80	MP2C	Z	.492	4
81	MP2C	Mx	0	4
82	OVP1	X	-7.997	1
83	OVP1	Z	4.617	1
84	OVP1	Mx	0	1
85	MP3A	X	-5.252	1
86	MP3A	Z	3.032	1
87	MP3A	Mx	.003	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP3A	X	-5.252	5
89	MP3A	Z	3.032	5
90	MP3A	Mx	.003	5
91	MP3B	X	-8.264	1
92	MP3B	Z	4.771	1
93	MP3B	Mx	-.002	1
94	MP3B	X	-8.264	5
95	MP3B	Z	4.771	5
96	MP3B	Mx	-.002	5
97	MP3C	X	-8.724	1
98	MP3C	Z	5.037	1
99	MP3C	Mx	0	1
100	MP3C	X	-8.724	5
101	MP3C	Z	5.037	5
102	MP3C	Mx	0	5
103	OVP2	X	-7.997	1
104	OVP2	Z	4.617	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-2.563	2
2	MP4A	Z	0	2
3	MP4A	Mx	.001	2
4	MP4A	X	-2.563	4
5	MP4A	Z	0	4
6	MP4A	Mx	.001	4
7	MP4B	X	-6.139	2
8	MP4B	Z	0	2
9	MP4B	Mx	.000533	2
10	MP4B	X	-6.139	4
11	MP4B	Z	0	4
12	MP4B	Mx	.000533	4
13	MP4C	X	-5.303	2
14	MP4C	Z	0	2
15	MP4C	Mx	-.001	2
16	MP4C	X	-5.303	4
17	MP4C	Z	0	4
18	MP4C	Mx	-.001	4
19	MP2A	X	-8.087	1
20	MP2A	Z	0	1
21	MP2A	Mx	.003	1
22	MP2A	X	-8.087	5
23	MP2A	Z	0	5
24	MP2A	Mx	.003	5
25	MP2B	X	-11.997	1
26	MP2B	Z	0	1
27	MP2B	Mx	.008	1
28	MP2B	X	-11.997	5
29	MP2B	Z	0	5
30	MP2B	Mx	.008	5
31	MP2C	X	-11.082	1
32	MP2C	Z	0	1
33	MP2C	Mx	-.008	1
34	MP2C	X	-11.082	5
35	MP2C	Z	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP2C	Mx	-.008	5
37	MP2A	X	-8.087	1
38	MP2A	Z	0	1
39	MP2A	Mx	.005	1
40	MP2A	X	-8.087	5
41	MP2A	Z	0	5
42	MP2A	Mx	.005	5
43	MP2B	X	-11.997	1
44	MP2B	Z	0	1
45	MP2B	Mx	-.006	1
46	MP2B	X	-11.997	5
47	MP2B	Z	0	5
48	MP2B	Mx	-.006	5
49	MP2C	X	-11.082	1
50	MP2C	Z	0	1
51	MP2C	Mx	.003	1
52	MP2C	X	-11.082	5
53	MP2C	Z	0	5
54	MP2C	Mx	.003	5
55	MP1A	X	-3.376	2
56	MP1A	Z	0	2
57	MP1A	Mx	-.002	2
58	MP1B	X	-4.927	2
59	MP1B	Z	0	2
60	MP1B	Mx	-.000428	2
61	MP1C	X	-4.564	2
62	MP1C	Z	0	2
63	MP1C	Mx	.001	2
64	MP2A	X	-2.763	2
65	MP2A	Z	0	2
66	MP2A	Mx	-.001	2
67	MP2B	X	-4.908	2
68	MP2B	Z	0	2
69	MP2B	Mx	-.000426	2
70	MP2C	X	-4.406	2
71	MP2C	Z	0	2
72	MP2C	Mx	.001	2
73	MP2A	X	-.69	4
74	MP2A	Z	0	4
75	MP2A	Mx	-.00034	4
76	MP2B	X	-.976	4
77	MP2B	Z	0	4
78	MP2B	Mx	-8.5e-5	4
79	MP2C	X	-.909	4
80	MP2C	Z	0	4
81	MP2C	Mx	.000227	4
82	OVP1	X	-10.086	1
83	OVP1	Z	0	1
84	OVP1	Mx	0	1
85	MP3A	X	-5.67	1
86	MP3A	Z	0	1
87	MP3A	Mx	.003	1
88	MP3A	X	-5.67	5
89	MP3A	Z	0	5
90	MP3A	Mx	.003	5
91	MP3B	X	-9.936	1
92	MP3B	Z	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	MP3B	Mx	.000863	1
94	MP3B	X	-9.936	5
95	MP3B	Z	0	5
96	MP3B	Mx	.000863	5
97	MP3C	X	-8.938	1
98	MP3C	Z	0	1
99	MP3C	Mx	-.002	1
100	MP3C	X	-8.938	5
101	MP3C	Z	0	5
102	MP3C	Mx	-.002	5
103	OVP2	X	-10.086	1
104	OVP2	Z	0	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-3.482	2
2	MP4A	Z	-2.01	2
3	MP4A	Mx	.002	2
4	MP4A	X	-3.482	4
5	MP4A	Z	-2.01	4
6	MP4A	Mx	.002	4
7	MP4B	X	-4.055	2
8	MP4B	Z	-2.341	2
9	MP4B	Mx	.002	2
10	MP4B	X	-4.055	4
11	MP4B	Z	-2.341	4
12	MP4B	Mx	.002	4
13	MP4C	X	-2.944	2
14	MP4C	Z	-1.7	2
15	MP4C	Mx	-.001	2
16	MP4C	X	-2.944	4
17	MP4C	Z	-1.7	4
18	MP4C	Mx	-.001	4
19	MP2A	X	-8.384	1
20	MP2A	Z	-4.84	1
21	MP2A	Mx	7.8e-5	1
22	MP2A	X	-8.384	5
23	MP2A	Z	-4.84	5
24	MP2A	Mx	7.8e-5	5
25	MP2B	X	-9.01	1
26	MP2B	Z	-5.202	1
27	MP2B	Mx	.008	1
28	MP2B	X	-9.01	5
29	MP2B	Z	-5.202	5
30	MP2B	Mx	.008	5
31	MP2C	X	-7.796	1
32	MP2C	Z	-4.501	1
33	MP2C	Mx	-.007	1
34	MP2C	X	-7.796	5
35	MP2C	Z	-4.501	5
36	MP2C	Mx	-.007	5
37	MP2A	X	-8.384	1
38	MP2A	Z	-4.84	1
39	MP2A	Mx	.007	1
40	MP2A	X	-8.384	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP2A	Z	-4.84	5
42	MP2A	Mx	.007	5
43	MP2B	X	-9.01	1
44	MP2B	Z	-5.202	1
45	MP2B	Mx	-.001	1
46	MP2B	X	-9.01	5
47	MP2B	Z	-5.202	5
48	MP2B	Mx	-.001	5
49	MP2C	X	-7.796	1
50	MP2C	Z	-4.501	1
51	MP2C	Mx	-.001	1
52	MP2C	X	-7.796	5
53	MP2C	Z	-4.501	5
54	MP2C	Mx	-.001	5
55	MP1A	X	-3.471	2
56	MP1A	Z	-2.004	2
57	MP1A	Mx	-.002	2
58	MP1B	X	-3.72	2
59	MP1B	Z	-2.147	2
60	MP1B	Mx	-.001	2
61	MP1C	X	-3.238	2
62	MP1C	Z	-1.87	2
63	MP1C	Mx	.002	2
64	MP2A	X	-3.15	2
65	MP2A	Z	-1.819	2
66	MP2A	Mx	-.001	2
67	MP2B	X	-3.493	2
68	MP2B	Z	-2.017	2
69	MP2B	Mx	-.001	2
70	MP2C	X	-2.828	2
71	MP2C	Z	-1.633	2
72	MP2C	Mx	.001	2
73	MP2A	X	-.699	4
74	MP2A	Z	-.403	4
75	MP2A	Mx	-.000309	4
76	MP2B	X	-.744	4
77	MP2B	Z	-.43	4
78	MP2B	Mx	-.000276	4
79	MP2C	X	-.656	4
80	MP2C	Z	-.379	4
81	MP2C	Mx	.000328	4
82	OVP1	X	-7.997	1
83	OVP1	Z	-4.617	1
84	OVP1	Mx	0	1
85	MP3A	X	-6.416	1
86	MP3A	Z	-3.704	1
87	MP3A	Mx	.003	1
88	MP3A	X	-6.416	5
89	MP3A	Z	-3.704	5
90	MP3A	Mx	.003	5
91	MP3B	X	-7.099	1
92	MP3B	Z	-4.099	1
93	MP3B	Mx	.003	1
94	MP3B	X	-7.099	5
95	MP3B	Z	-4.099	5
96	MP3B	Mx	.003	5
97	MP3C	X	-5.775	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP3C	Z	-3.334	1
99	MP3C	Mx	-.003	1
100	MP3C	X	-5.775	5
101	MP3C	Z	-3.334	5
102	MP3C	Mx	-.003	5
103	OVP2	X	-7.997	1
104	OVP2	Z	-4.617	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-2.904	2
2	MP4A	Z	-5.031	2
3	MP4A	Mx	.000993	2
4	MP4A	X	-2.904	4
5	MP4A	Z	-5.031	4
6	MP4A	Mx	.000993	4
7	MP4B	X	-1.447	2
8	MP4B	Z	-2.506	2
9	MP4B	Mx	.001	2
10	MP4B	X	-1.447	4
11	MP4B	Z	-2.506	4
12	MP4B	Mx	.001	4
13	MP4C	X	-1.224	2
14	MP4C	Z	-2.12	2
15	MP4C	Mx	-.001	2
16	MP4C	X	-1.224	4
17	MP4C	Z	-2.12	4
18	MP4C	Mx	-.001	4
19	MP2A	X	-5.818	1
20	MP2A	Z	-10.077	1
21	MP2A	Mx	-.004	1
22	MP2A	X	-5.818	5
23	MP2A	Z	-10.077	5
24	MP2A	Mx	-.004	5
25	MP2B	X	-4.224	1
26	MP2B	Z	-7.317	1
27	MP2B	Mx	.006	1
28	MP2B	X	-4.224	5
29	MP2B	Z	-7.317	5
30	MP2B	Mx	.006	5
31	MP2C	X	-3.981	1
32	MP2C	Z	-6.895	1
33	MP2C	Mx	-.004	1
34	MP2C	X	-3.981	5
35	MP2C	Z	-6.895	5
36	MP2C	Mx	-.004	5
37	MP2A	X	-5.818	1
38	MP2A	Z	-10.077	1
39	MP2A	Mx	.008	1
40	MP2A	X	-5.818	5
41	MP2A	Z	-10.077	5
42	MP2A	Mx	.008	5
43	MP2B	X	-4.224	1
44	MP2B	Z	-7.317	1
45	MP2B	Mx	.002	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP2B	X	-4.224	5
47	MP2B	Z	-7.317	5
48	MP2B	Mx	.002	5
49	MP2C	X	-3.981	1
50	MP2C	Z	-6.895	1
51	MP2C	Mx	-.004	1
52	MP2C	X	-3.981	5
53	MP2C	Z	-6.895	5
54	MP2C	Mx	-.004	5
55	MP1A	X	-2.392	2
56	MP1A	Z	-4.143	2
57	MP1A	Mx	-.000818	2
58	MP1B	X	-1.76	2
59	MP1B	Z	-3.048	2
60	MP1B	Mx	-.002	2
61	MP1C	X	-1.663	2
62	MP1C	Z	-2.881	2
63	MP1C	Mx	.002	2
64	MP2A	X	-2.355	2
65	MP2A	Z	-4.079	2
66	MP2A	Mx	-.000805	2
67	MP2B	X	-1.481	2
68	MP2B	Z	-2.565	2
69	MP2B	Mx	-.001	2
70	MP2C	X	-1.347	2
71	MP2C	Z	-2.334	2
72	MP2C	Mx	.001	2
73	MP2A	X	-.475	4
74	MP2A	Z	-.822	4
75	MP2A	Mx	-.000163	4
76	MP2B	X	-.358	4
77	MP2B	Z	-.621	4
78	MP2B	Mx	-.000337	4
79	MP2C	X	-.341	4
80	MP2C	Z	-.59	4
81	MP2C	Mx	.000341	4
82	OVP1	X	-3.764	1
83	OVP1	Z	-6.52	1
84	OVP1	Mx	0	1
85	MP3A	X	-4.771	1
86	MP3A	Z	-8.264	1
87	MP3A	Mx	.002	1
88	MP3A	X	-4.771	5
89	MP3A	Z	-8.264	5
90	MP3A	Mx	.002	5
91	MP3B	X	-3.032	1
92	MP3B	Z	-5.252	1
93	MP3B	Mx	.003	1
94	MP3B	X	-3.032	5
95	MP3B	Z	-5.252	5
96	MP3B	Mx	.003	5
97	MP3C	X	-2.767	1
98	MP3C	Z	-4.792	1
99	MP3C	Mx	-.003	1
100	MP3C	X	-2.767	5
101	MP3C	Z	-4.792	5
102	MP3C	Mx	-.003	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
103	OVP2	X	-3.764	1
104	OVP2	Z	-6.52	1
105	OVP2	Mx	0	1

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%35

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%96

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 80 : Lv2)

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

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Y	-1.728	2
2	MP4A	My	-.000851	2
3	MP4A	Mz	.00015	2
4	MP4A	Y	-1.728	4
5	MP4A	My	-.000851	4
6	MP4A	Mz	.00015	4
7	MP4B	Y	-1.728	2
8	MP4B	My	-.00015	2
9	MP4B	Mz	-.000851	2
10	MP4B	Y	-1.728	4
11	MP4B	My	-.00015	4
12	MP4B	Mz	-.000851	4
13	MP4C	Y	-1.728	2
14	MP4C	My	.000432	2
15	MP4C	Mz	.000748	2
16	MP4C	Y	-1.728	4
17	MP4C	My	.000432	4
18	MP4C	Mz	.000748	4
19	MP2A	Y	-1.256	1
20	MP2A	My	-.000491	1
21	MP2A	Mz	.000831	1
22	MP2A	Y	-1.256	5
23	MP2A	My	-.000491	5
24	MP2A	Mz	.000831	5
25	MP2B	Y	-1.256	1
26	MP2B	My	-.000831	1
27	MP2B	Mz	-.000491	1
28	MP2B	Y	-1.256	5
29	MP2B	My	-.000831	5
30	MP2B	Mz	-.000491	5
31	MP2C	Y	-1.256	1
32	MP2C	My	.000948	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2C	Mz	.000178	1
34	MP2C	Y	-1.256	5
35	MP2C	My	.000948	5
36	MP2C	Mz	.000178	5
37	MP2A	Y	-1.256	1
38	MP2A	My	-.000746	1
39	MP2A	Mz	-.000612	1
40	MP2A	Y	-1.256	5
41	MP2A	My	-.000746	5
42	MP2A	Mz	-.000612	5
43	MP2B	Y	-1.256	1
44	MP2B	My	.000612	1
45	MP2B	Mz	-.000746	1
46	MP2B	Y	-1.256	5
47	MP2B	My	.000612	5
48	MP2B	Mz	-.000746	5
49	MP2C	Y	-1.256	1
50	MP2C	My	-.00032	1
51	MP2C	Mz	.00091	1
52	MP2C	Y	-1.256	5
53	MP2C	My	-.00032	5
54	MP2C	Mz	.00091	5
55	MP1A	Y	-3.349	2
56	MP1A	My	.002	2
57	MP1A	Mz	-.000291	2
58	MP1B	Y	-3.349	2
59	MP1B	My	.000291	2
60	MP1B	Mz	.002	2
61	MP1C	Y	-3.349	2
62	MP1C	My	-.000837	2
63	MP1C	Mz	-.001	2
64	MP2A	Y	-2.79	2
65	MP2A	My	.001	2
66	MP2A	Mz	-.000242	2
67	MP2B	Y	-2.79	2
68	MP2B	My	.000242	2
69	MP2B	Mz	.001	2
70	MP2C	Y	-2.79	2
71	MP2C	My	-.000697	2
72	MP2C	Mz	-.001	2
73	MP2A	Y	-.825	4
74	MP2A	My	.000406	4
75	MP2A	Mz	-7.2e-5	4
76	MP2B	Y	-.825	4
77	MP2B	My	7.2e-5	4
78	MP2B	Mz	.000406	4
79	MP2C	Y	-.825	4
80	MP2C	My	-.000206	4
81	MP2C	Mz	-.000357	4
82	OVP1	Y	-1.27	1
83	OVP1	My	0	1
84	OVP1	Mz	0	1
85	MP3A	Y	-.337	1
86	MP3A	My	-.000166	1
87	MP3A	Mz	2.9e-5	1
88	MP3A	Y	-.337	5
89	MP3A	My	-.000166	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP3A	Mz	2.9e-5	5
91	MP3B	Y	-.337	1
92	MP3B	My	-2.9e-5	1
93	MP3B	Mz	-.000166	1
94	MP3B	Y	-.337	5
95	MP3B	My	-2.9e-5	5
96	MP3B	Mz	-.000166	5
97	MP3C	Y	-.337	1
98	MP3C	My	8.4e-5	1
99	MP3C	Mz	.000146	1
100	MP3C	Y	-.337	5
101	MP3C	My	8.4e-5	5
102	MP3C	Mz	.000146	5
103	OVP2	Y	-1.27	1
104	OVP2	My	0	1
105	OVP2	Mz	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Z	-4.32	2
2	MP4A	Mx	-.000375	2
3	MP4A	Z	-4.32	4
4	MP4A	Mx	-.000375	4
5	MP4B	Z	-4.32	2
6	MP4B	Mx	.002	2
7	MP4B	Z	-4.32	4
8	MP4B	Mx	.002	4
9	MP4C	Z	-4.32	2
10	MP4C	Mx	-.002	2
11	MP4C	Z	-4.32	4
12	MP4C	Mx	-.002	4
13	MP2A	Z	-3.14	1
14	MP2A	Mx	-.002	1
15	MP2A	Z	-3.14	5
16	MP2A	Mx	-.002	5
17	MP2B	Z	-3.14	1
18	MP2B	Mx	.001	1
19	MP2B	Z	-3.14	5
20	MP2B	Mx	.001	5
21	MP2C	Z	-3.14	1
22	MP2C	Mx	-.000444	1
23	MP2C	Z	-3.14	5
24	MP2C	Mx	-.000444	5
25	MP2A	Z	-3.14	1
26	MP2A	Mx	.002	1
27	MP2A	Z	-3.14	5
28	MP2A	Mx	.002	5
29	MP2B	Z	-3.14	1
30	MP2B	Mx	.002	1
31	MP2B	Z	-3.14	5
32	MP2B	Mx	.002	5
33	MP2C	Z	-3.14	1
34	MP2C	Mx	-.002	1
35	MP2C	Z	-3.14	5
36	MP2C	Mx	-.002	5
37	MP1A	Z	-8.372	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP1A	Mx	.000727	2
39	MP1B	Z	-8.372	2
40	MP1B	Mx	-.004	2
41	MP1C	Z	-8.372	2
42	MP1C	Mx	.004	2
43	MP2A	Z	-6.974	2
44	MP2A	Mx	.000605	2
45	MP2B	Z	-6.974	2
46	MP2B	Mx	-.003	2
47	MP2C	Z	-6.974	2
48	MP2C	Mx	.003	2
49	MP2A	Z	-2.063	4
50	MP2A	Mx	.000179	4
51	MP2B	Z	-2.063	4
52	MP2B	Mx	-.001	4
53	MP2C	Z	-2.063	4
54	MP2C	Mx	.000893	4
55	OVP1	Z	-3.174	1
56	OVP1	Mx	0	1
57	MP3A	Z	-.843	1
58	MP3A	Mx	-7.3e-5	1
59	MP3A	Z	-.843	5
60	MP3A	Mx	-7.3e-5	5
61	MP3B	Z	-.843	1
62	MP3B	Mx	.000415	1
63	MP3B	Z	-.843	5
64	MP3B	Mx	.000415	5
65	MP3C	Z	-.843	1
66	MP3C	Mx	-.000365	1
67	MP3C	Z	-.843	5
68	MP3C	Mx	-.000365	5
69	OVP2	Z	-3.174	1
70	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	4.32	2
2	MP4A	Mx	-.002	2
3	MP4A	X	4.32	4
4	MP4A	Mx	-.002	4
5	MP4B	X	4.32	2
6	MP4B	Mx	-.000375	2
7	MP4B	X	4.32	4
8	MP4B	Mx	-.000375	4
9	MP4C	X	4.32	2
10	MP4C	Mx	.001	2
11	MP4C	X	4.32	4
12	MP4C	Mx	.001	4
13	MP2A	X	3.14	1
14	MP2A	Mx	-.001	1
15	MP2A	X	3.14	5
16	MP2A	Mx	-.001	5
17	MP2B	X	3.14	1
18	MP2B	Mx	-.002	1
19	MP2B	X	3.14	5
20	MP2B	Mx	-.002	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP2C	X	3.14	1
22	MP2C	Mx	.002	1
23	MP2C	X	3.14	5
24	MP2C	Mx	.002	5
25	MP2A	X	3.14	1
26	MP2A	Mx	-.002	1
27	MP2A	X	3.14	5
28	MP2A	Mx	-.002	5
29	MP2B	X	3.14	1
30	MP2B	Mx	.002	1
31	MP2B	X	3.14	5
32	MP2B	Mx	.002	5
33	MP2C	X	3.14	1
34	MP2C	Mx	-.000801	1
35	MP2C	X	3.14	5
36	MP2C	Mx	-.000801	5
37	MP1A	X	8.372	2
38	MP1A	Mx	.004	2
39	MP1B	X	8.372	2
40	MP1B	Mx	.000727	2
41	MP1C	X	8.372	2
42	MP1C	Mx	-.002	2
43	MP2A	X	6.974	2
44	MP2A	Mx	.003	2
45	MP2B	X	6.974	2
46	MP2B	Mx	.000605	2
47	MP2C	X	6.974	2
48	MP2C	Mx	-.002	2
49	MP2A	X	2.063	4
50	MP2A	Mx	.001	4
51	MP2B	X	2.063	4
52	MP2B	Mx	.000179	4
53	MP2C	X	2.063	4
54	MP2C	Mx	-.000516	4
55	OVP1	X	3.174	1
56	OVP1	Mx	0	1
57	MP3A	X	.843	1
58	MP3A	Mx	-.000415	1
59	MP3A	X	.843	5
60	MP3A	Mx	-.000415	5
61	MP3B	X	.843	1
62	MP3B	Mx	-7.3e-5	1
63	MP3B	X	.843	5
64	MP3B	Mx	-7.3e-5	5
65	MP3C	X	.843	1
66	MP3C	Mx	.000211	1
67	MP3C	X	.843	5
68	MP3C	Mx	.000211	5
69	OVP2	X	3.174	1
70	OVP2	Mx	0	1

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	Y	-6.553	-6.553	0	%100
2	M4	Y	-9.59	-9.59	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
3	M10	Y	-9.59	-9.59	0	%100
4	MP3A	Y	-4.968	-4.968	0	%100
5	MP4A	Y	-4.968	-4.968	0	%100
6	MP2A	Y	-5.673	-5.673	0	%100
7	MP1A	Y	-4.968	-4.968	0	%100
8	M43	Y	-9.59	-9.59	0	%100
9	M46	Y	-10.103	-10.103	0	%100
10	M51B	Y	-5.607	-5.607	0	%100
11	M52B	Y	-5.607	-5.607	0	%100
12	M76	Y	-10.09	-10.09	0	%100
13	M77	Y	-10.09	-10.09	0	%100
14	M80	Y	-10.103	-10.103	0	%100
15	M84	Y	-10.09	-10.09	0	%100
16	M85	Y	-10.09	-10.09	0	%100
17	M91	Y	-10.103	-10.103	0	%100
18	M52A	Y	-9.59	-9.59	0	%100
19	M53	Y	-9.59	-9.59	0	%100
20	M54	Y	-9.59	-9.59	0	%100
21	M55	Y	-10.103	-10.103	0	%100
22	M58A	Y	-5.607	-5.607	0	%100
23	M59A	Y	-5.607	-5.607	0	%100
24	M63	Y	-10.09	-10.09	0	%100
25	M64	Y	-10.09	-10.09	0	%100
26	M66	Y	-10.103	-10.103	0	%100
27	M68	Y	-10.09	-10.09	0	%100
28	M69	Y	-10.09	-10.09	0	%100
29	M71	Y	-10.103	-10.103	0	%100
30	M76A	Y	-9.59	-9.59	0	%100
31	M77A	Y	-9.59	-9.59	0	%100
32	M78	Y	-9.59	-9.59	0	%100
33	M79A	Y	-10.103	-10.103	0	%100
34	M82	Y	-5.607	-5.607	0	%100
35	M83A	Y	-5.607	-5.607	0	%100
36	M87	Y	-10.09	-10.09	0	%100
37	M88A	Y	-10.09	-10.09	0	%100
38	M90	Y	-10.103	-10.103	0	%100
39	M92A	Y	-10.09	-10.09	0	%100
40	M93	Y	-10.09	-10.09	0	%100
41	M95	Y	-10.103	-10.103	0	%100
42	M82A	Y	-6.553	-6.553	0	%100
43	M91B	Y	-6.553	-6.553	0	%100
44	M100	Y	-4.968	-4.968	0	%100
45	M105	Y	-4.968	-4.968	0	%100
46	M110	Y	-4.968	-4.968	0	%100
47	M121	Y	-6.603	-6.603	0	%100
48	M122	Y	-6.603	-6.603	0	%100
49	M123	Y	-6.603	-6.603	0	%100
50	OVP1	Y	-4.968	-4.968	0	%100
51	MP3C	Y	-4.968	-4.968	0	%100
52	MP4C	Y	-4.968	-4.968	0	%100
53	MP2C	Y	-5.673	-5.673	0	%100
54	MP1C	Y	-4.968	-4.968	0	%100
55	MP3B	Y	-4.968	-4.968	0	%100
56	MP4B	Y	-4.968	-4.968	0	%100
57	MP2B	Y	-5.673	-5.673	0	%100
58	MP1B	Y	-4.968	-4.968	0	%100
59	OVP2	Y	-4.968	-4.968	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	0	0	0	%100
2	M1	Z	-15.121	-15.121	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-14.347	-14.347	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-11.327	-11.327	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-11.327	-11.327	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-13.712	-13.712	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-11.327	-11.327	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-14.347	-14.347	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-28.617	-28.617	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-3.973	-3.973	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-3.973	-3.973	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-7.287	-7.287	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-7.675	-7.675	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-7.287	-7.287	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-7.675	-7.675	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	-12.716	-12.716	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	-3.587	-3.587	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	-3.587	-3.587	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	-7.154	-7.154	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	-3.973	-3.973	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	-15.89	-15.89	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	-21.462	-21.462	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	-7.287	-7.287	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	-7.675	-7.675	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	-21.462	-21.462	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	-29.146	-29.146	0	%100
57	M71	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
58	M71	Z	-30.699	-30.699	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	-12.716	-12.716	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	-3.587	-3.587	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	-3.587	-3.587	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	-7.154	-7.154	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	-15.89	-15.89	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	-3.973	-3.973	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	-21.462	-21.462	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	-29.146	-29.146	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	-30.699	-30.699	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	-21.462	-21.462	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	-7.287	-7.287	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	-7.675	-7.675	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	-3.78	-3.78	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	-3.78	-3.78	0	%100
87	M100	X	0	0	0	%100
88	M100	Z	-11.327	-11.327	0	%100
89	M105	X	0	0	0	%100
90	M105	Z	-2.832	-2.832	0	%100
91	M110	X	0	0	0	%100
92	M110	Z	-2.832	-2.832	0	%100
93	M121	X	0	0	0	%100
94	M121	Z	-3.519	-3.519	0	%100
95	M122	X	0	0	0	%100
96	M122	Z	-3.519	-3.519	0	%100
97	M123	X	0	0	0	%100
98	M123	Z	-14.075	-14.075	0	%100
99	OVP1	X	0	0	0	%100
100	OVP1	Z	-9.263	-9.263	0	%100
101	MP3C	X	0	0	0	%100
102	MP3C	Z	-11.327	-11.327	0	%100
103	MP4C	X	0	0	0	%100
104	MP4C	Z	-11.327	-11.327	0	%100
105	MP2C	X	0	0	0	%100
106	MP2C	Z	-13.712	-13.712	0	%100
107	MP1C	X	0	0	0	%100
108	MP1C	Z	-11.327	-11.327	0	%100
109	MP3B	X	0	0	0	%100
110	MP3B	Z	-11.327	-11.327	0	%100
111	MP4B	X	0	0	0	%100
112	MP4B	Z	-11.327	-11.327	0	%100
113	MP2B	X	0	0	0	%100
114	MP2B	Z	-13.712	-13.712	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
115	MP1B	X	0	0	0	%100
116	MP1B	Z	-11.327	-11.327	0	%100
117	OVP2	X	0	0	0	%100
118	OVP2	Z	-9.263	-9.263	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	5.67	5.67	0	%100
2	M1	Z	-9.821	-9.821	0	%100
3	M4	X	2.119	2.119	0	%100
4	M4	Z	-3.671	-3.671	0	%100
5	M10	X	5.38	5.38	0	%100
6	M10	Z	-9.319	-9.319	0	%100
7	MP3A	X	5.664	5.664	0	%100
8	MP3A	Z	-9.81	-9.81	0	%100
9	MP4A	X	5.664	5.664	0	%100
10	MP4A	Z	-9.81	-9.81	0	%100
11	MP2A	X	6.856	6.856	0	%100
12	MP2A	Z	-11.875	-11.875	0	%100
13	MP1A	X	5.664	5.664	0	%100
14	MP1A	Z	-9.81	-9.81	0	%100
15	M43	X	5.38	5.38	0	%100
16	M43	Z	-9.319	-9.319	0	%100
17	M46	X	10.731	10.731	0	%100
18	M46	Z	-18.587	-18.587	0	%100
19	M51B	X	5.959	5.959	0	%100
20	M51B	Z	-10.321	-10.321	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	3.577	3.577	0	%100
24	M76	Z	-6.196	-6.196	0	%100
25	M77	X	10.93	10.93	0	%100
26	M77	Z	-18.931	-18.931	0	%100
27	M80	X	11.512	11.512	0	%100
28	M80	Z	-19.94	-19.94	0	%100
29	M84	X	3.577	3.577	0	%100
30	M84	Z	-6.196	-6.196	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	2.119	2.119	0	%100
36	M52A	Z	-3.671	-3.671	0	%100
37	M53	X	5.38	5.38	0	%100
38	M53	Z	-9.319	-9.319	0	%100
39	M54	X	5.38	5.38	0	%100
40	M54	Z	-9.319	-9.319	0	%100
41	M55	X	10.731	10.731	0	%100
42	M55	Z	-18.587	-18.587	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	5.959	5.959	0	%100
46	M59A	Z	-10.321	-10.321	0	%100
47	M63	X	3.577	3.577	0	%100
48	M63	Z	-6.196	-6.196	0	%100
49	M64	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	3.577	3.577	0	%100
54	M68	Z	-6.196	-6.196	0	%100
55	M69	X	10.93	10.93	0	%100
56	M69	Z	-18.931	-18.931	0	%100
57	M71	X	11.512	11.512	0	%100
58	M71	Z	-19.94	-19.94	0	%100
59	M76A	X	8.478	8.478	0	%100
60	M76A	Z	-14.684	-14.684	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	5.959	5.959	0	%100
68	M82	Z	-10.321	-10.321	0	%100
69	M83A	X	5.959	5.959	0	%100
70	M83A	Z	-10.321	-10.321	0	%100
71	M87	X	14.308	14.308	0	%100
72	M87	Z	-24.783	-24.783	0	%100
73	M88A	X	10.93	10.93	0	%100
74	M88A	Z	-18.931	-18.931	0	%100
75	M90	X	11.512	11.512	0	%100
76	M90	Z	-19.94	-19.94	0	%100
77	M92A	X	14.308	14.308	0	%100
78	M92A	Z	-24.783	-24.783	0	%100
79	M93	X	10.93	10.93	0	%100
80	M93	Z	-18.931	-18.931	0	%100
81	M95	X	11.512	11.512	0	%100
82	M95	Z	-19.94	-19.94	0	%100
83	M82A	X	5.67	5.67	0	%100
84	M82A	Z	-9.821	-9.821	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	0	0	0	%100
87	M100	X	4.248	4.248	0	%100
88	M100	Z	-7.357	-7.357	0	%100
89	M105	X	4.248	4.248	0	%100
90	M105	Z	-7.357	-7.357	0	%100
91	M110	X	0	0	0	%100
92	M110	Z	0	0	0	%100
93	M121	X	5.278	5.278	0	%100
94	M121	Z	-9.142	-9.142	0	%100
95	M122	X	0	0	0	%100
96	M122	Z	0	0	0	%100
97	M123	X	5.278	5.278	0	%100
98	M123	Z	-9.142	-9.142	0	%100
99	OVP1	X	4.631	4.631	0	%100
100	OVP1	Z	-8.022	-8.022	0	%100
101	MP3C	X	5.664	5.664	0	%100
102	MP3C	Z	-9.81	-9.81	0	%100
103	MP4C	X	5.664	5.664	0	%100
104	MP4C	Z	-9.81	-9.81	0	%100
105	MP2C	X	6.856	6.856	0	%100
106	MP2C	Z	-11.875	-11.875	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
107	MP1C	X	5.664	5.664	0	%100
108	MP1C	Z	-9.81	-9.81	0	%100
109	MP3B	X	5.664	5.664	0	%100
110	MP3B	Z	-9.81	-9.81	0	%100
111	MP4B	X	5.664	5.664	0	%100
112	MP4B	Z	-9.81	-9.81	0	%100
113	MP2B	X	6.856	6.856	0	%100
114	MP2B	Z	-11.875	-11.875	0	%100
115	MP1B	X	5.664	5.664	0	%100
116	MP1B	Z	-9.81	-9.81	0	%100
117	OVP2	X	4.631	4.631	0	%100
118	OVP2	Z	-8.022	-8.022	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	3.274	3.274	0	%100
2	M1	Z	-1.89	-1.89	0	%100
3	M4	X	11.013	11.013	0	%100
4	M4	Z	-6.358	-6.358	0	%100
5	M10	X	3.106	3.106	0	%100
6	M10	Z	-1.793	-1.793	0	%100
7	MP3A	X	9.81	9.81	0	%100
8	MP3A	Z	-5.664	-5.664	0	%100
9	MP4A	X	9.81	9.81	0	%100
10	MP4A	Z	-5.664	-5.664	0	%100
11	MP2A	X	11.875	11.875	0	%100
12	MP2A	Z	-6.856	-6.856	0	%100
13	MP1A	X	9.81	9.81	0	%100
14	MP1A	Z	-5.664	-5.664	0	%100
15	M43	X	3.106	3.106	0	%100
16	M43	Z	-1.793	-1.793	0	%100
17	M46	X	6.196	6.196	0	%100
18	M46	Z	-3.577	-3.577	0	%100
19	M51B	X	13.761	13.761	0	%100
20	M51B	Z	-7.945	-7.945	0	%100
21	M52B	X	3.44	3.44	0	%100
22	M52B	Z	-1.986	-1.986	0	%100
23	M76	X	18.587	18.587	0	%100
24	M76	Z	-10.731	-10.731	0	%100
25	M77	X	25.242	25.242	0	%100
26	M77	Z	-14.573	-14.573	0	%100
27	M80	X	26.586	26.586	0	%100
28	M80	Z	-15.35	-15.35	0	%100
29	M84	X	18.587	18.587	0	%100
30	M84	Z	-10.731	-10.731	0	%100
31	M85	X	6.31	6.31	0	%100
32	M85	Z	-3.643	-3.643	0	%100
33	M91	X	6.647	6.647	0	%100
34	M91	Z	-3.837	-3.837	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	12.425	12.425	0	%100
38	M53	Z	-7.173	-7.173	0	%100
39	M54	X	12.425	12.425	0	%100
40	M54	Z	-7.173	-7.173	0	%100
41	M55	X	24.783	24.783	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
42	M55	Z	-14.308	-14.308	0	%100
43	M58A	X	3.44	3.44	0	%100
44	M58A	Z	-1.986	-1.986	0	%100
45	M59A	X	3.44	3.44	0	%100
46	M59A	Z	-1.986	-1.986	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	6.31	6.31	0	%100
50	M64	Z	-3.643	-3.643	0	%100
51	M66	X	6.647	6.647	0	%100
52	M66	Z	-3.837	-3.837	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	6.31	6.31	0	%100
56	M69	Z	-3.643	-3.643	0	%100
57	M71	X	6.647	6.647	0	%100
58	M71	Z	-3.837	-3.837	0	%100
59	M76A	X	11.013	11.013	0	%100
60	M76A	Z	-6.358	-6.358	0	%100
61	M77A	X	3.106	3.106	0	%100
62	M77A	Z	-1.793	-1.793	0	%100
63	M78	X	3.106	3.106	0	%100
64	M78	Z	-1.793	-1.793	0	%100
65	M79A	X	6.196	6.196	0	%100
66	M79A	Z	-3.577	-3.577	0	%100
67	M82	X	3.44	3.44	0	%100
68	M82	Z	-1.986	-1.986	0	%100
69	M83A	X	13.761	13.761	0	%100
70	M83A	Z	-7.945	-7.945	0	%100
71	M87	X	18.587	18.587	0	%100
72	M87	Z	-10.731	-10.731	0	%100
73	M88A	X	6.31	6.31	0	%100
74	M88A	Z	-3.643	-3.643	0	%100
75	M90	X	6.647	6.647	0	%100
76	M90	Z	-3.837	-3.837	0	%100
77	M92A	X	18.587	18.587	0	%100
78	M92A	Z	-10.731	-10.731	0	%100
79	M93	X	25.242	25.242	0	%100
80	M93	Z	-14.573	-14.573	0	%100
81	M95	X	26.586	26.586	0	%100
82	M95	Z	-15.35	-15.35	0	%100
83	M82A	X	13.095	13.095	0	%100
84	M82A	Z	-7.561	-7.561	0	%100
85	M91B	X	3.274	3.274	0	%100
86	M91B	Z	-1.89	-1.89	0	%100
87	M100	X	2.452	2.452	0	%100
88	M100	Z	-1.416	-1.416	0	%100
89	M105	X	9.81	9.81	0	%100
90	M105	Z	-5.664	-5.664	0	%100
91	M110	X	2.452	2.452	0	%100
92	M110	Z	-1.416	-1.416	0	%100
93	M121	X	12.189	12.189	0	%100
94	M121	Z	-7.037	-7.037	0	%100
95	M122	X	3.047	3.047	0	%100
96	M122	Z	-1.759	-1.759	0	%100
97	M123	X	3.047	3.047	0	%100
98	M123	Z	-1.759	-1.759	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
99	OVP1	X	8.022	8.022	0	%100
100	OVP1	Z	-4.631	-4.631	0	%100
101	MP3C	X	9.81	9.81	0	%100
102	MP3C	Z	-5.664	-5.664	0	%100
103	MP4C	X	9.81	9.81	0	%100
104	MP4C	Z	-5.664	-5.664	0	%100
105	MP2C	X	11.875	11.875	0	%100
106	MP2C	Z	-6.856	-6.856	0	%100
107	MP1C	X	9.81	9.81	0	%100
108	MP1C	Z	-5.664	-5.664	0	%100
109	MP3B	X	9.81	9.81	0	%100
110	MP3B	Z	-5.664	-5.664	0	%100
111	MP4B	X	9.81	9.81	0	%100
112	MP4B	Z	-5.664	-5.664	0	%100
113	MP2B	X	11.875	11.875	0	%100
114	MP2B	Z	-6.856	-6.856	0	%100
115	MP1B	X	9.81	9.81	0	%100
116	MP1B	Z	-5.664	-5.664	0	%100
117	OVP2	X	8.022	8.022	0	%100
118	OVP2	Z	-4.631	-4.631	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	16.955	16.955	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	11.327	11.327	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	11.327	11.327	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	13.712	13.712	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	11.327	11.327	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	11.918	11.918	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	11.918	11.918	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	28.617	28.617	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	21.86	21.86	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	23.024	23.024	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	28.617	28.617	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	21.86	21.86	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	23.024	23.024	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
34	M91	Z	0	0	0	%100
35	M52A	X	4.239	4.239	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	10.76	10.76	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	10.76	10.76	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	21.462	21.462	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	11.918	11.918	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	7.154	7.154	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	21.86	21.86	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	23.024	23.024	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	7.154	7.154	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76A	X	4.239	4.239	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	10.76	10.76	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	10.76	10.76	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	21.462	21.462	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83A	X	11.918	11.918	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	7.154	7.154	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	0	0	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	7.154	7.154	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	21.86	21.86	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	23.024	23.024	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	11.341	11.341	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	11.341	11.341	0	%100
86	M91B	Z	0	0	0	%100
87	M100	X	0	0	0	%100
88	M100	Z	0	0	0	%100
89	M105	X	8.496	8.496	0	%100
90	M105	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
91	M110	X	8.496	8.496	0	%100
92	M110	Z	0	0	0	%100
93	M121	X	10.556	10.556	0	%100
94	M121	Z	0	0	0	%100
95	M122	X	10.556	10.556	0	%100
96	M122	Z	0	0	0	%100
97	M123	X	0	0	0	%100
98	M123	Z	0	0	0	%100
99	OVP1	X	9.263	9.263	0	%100
100	OVP1	Z	0	0	0	%100
101	MP3C	X	11.327	11.327	0	%100
102	MP3C	Z	0	0	0	%100
103	MP4C	X	11.327	11.327	0	%100
104	MP4C	Z	0	0	0	%100
105	MP2C	X	13.712	13.712	0	%100
106	MP2C	Z	0	0	0	%100
107	MP1C	X	11.327	11.327	0	%100
108	MP1C	Z	0	0	0	%100
109	MP3B	X	11.327	11.327	0	%100
110	MP3B	Z	0	0	0	%100
111	MP4B	X	11.327	11.327	0	%100
112	MP4B	Z	0	0	0	%100
113	MP2B	X	13.712	13.712	0	%100
114	MP2B	Z	0	0	0	%100
115	MP1B	X	11.327	11.327	0	%100
116	MP1B	Z	0	0	0	%100
117	OVP2	X	9.263	9.263	0	%100
118	OVP2	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	3.274	3.274	0	%100
2	M1	Z	1.89	1.89	0	%100
3	M4	X	11.013	11.013	0	%100
4	M4	Z	6.358	6.358	0	%100
5	M10	X	3.106	3.106	0	%100
6	M10	Z	1.793	1.793	0	%100
7	MP3A	X	9.81	9.81	0	%100
8	MP3A	Z	5.664	5.664	0	%100
9	MP4A	X	9.81	9.81	0	%100
10	MP4A	Z	5.664	5.664	0	%100
11	MP2A	X	11.875	11.875	0	%100
12	MP2A	Z	6.856	6.856	0	%100
13	MP1A	X	9.81	9.81	0	%100
14	MP1A	Z	5.664	5.664	0	%100
15	M43	X	3.106	3.106	0	%100
16	M43	Z	1.793	1.793	0	%100
17	M46	X	6.196	6.196	0	%100
18	M46	Z	3.577	3.577	0	%100
19	M51B	X	3.44	3.44	0	%100
20	M51B	Z	1.986	1.986	0	%100
21	M52B	X	13.761	13.761	0	%100
22	M52B	Z	7.945	7.945	0	%100
23	M76	X	18.587	18.587	0	%100
24	M76	Z	10.731	10.731	0	%100
25	M77	X	6.31	6.31	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
26	M77	Z	3.643	3.643	0	%100
27	M80	X	6.647	6.647	0	%100
28	M80	Z	3.837	3.837	0	%100
29	M84	X	18.587	18.587	0	%100
30	M84	Z	10.731	10.731	0	%100
31	M85	X	25.242	25.242	0	%100
32	M85	Z	14.573	14.573	0	%100
33	M91	X	26.586	26.586	0	%100
34	M91	Z	15.35	15.35	0	%100
35	M52A	X	11.013	11.013	0	%100
36	M52A	Z	6.358	6.358	0	%100
37	M53	X	3.106	3.106	0	%100
38	M53	Z	1.793	1.793	0	%100
39	M54	X	3.106	3.106	0	%100
40	M54	Z	1.793	1.793	0	%100
41	M55	X	6.196	6.196	0	%100
42	M55	Z	3.577	3.577	0	%100
43	M58A	X	13.761	13.761	0	%100
44	M58A	Z	7.945	7.945	0	%100
45	M59A	X	3.44	3.44	0	%100
46	M59A	Z	1.986	1.986	0	%100
47	M63	X	18.587	18.587	0	%100
48	M63	Z	10.731	10.731	0	%100
49	M64	X	25.242	25.242	0	%100
50	M64	Z	14.573	14.573	0	%100
51	M66	X	26.586	26.586	0	%100
52	M66	Z	15.35	15.35	0	%100
53	M68	X	18.587	18.587	0	%100
54	M68	Z	10.731	10.731	0	%100
55	M69	X	6.31	6.31	0	%100
56	M69	Z	3.643	3.643	0	%100
57	M71	X	6.647	6.647	0	%100
58	M71	Z	3.837	3.837	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	12.425	12.425	0	%100
62	M77A	Z	7.173	7.173	0	%100
63	M78	X	12.425	12.425	0	%100
64	M78	Z	7.173	7.173	0	%100
65	M79A	X	24.783	24.783	0	%100
66	M79A	Z	14.308	14.308	0	%100
67	M82	X	3.44	3.44	0	%100
68	M82	Z	1.986	1.986	0	%100
69	M83A	X	3.44	3.44	0	%100
70	M83A	Z	1.986	1.986	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	6.31	6.31	0	%100
74	M88A	Z	3.643	3.643	0	%100
75	M90	X	6.647	6.647	0	%100
76	M90	Z	3.837	3.837	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	6.31	6.31	0	%100
80	M93	Z	3.643	3.643	0	%100
81	M95	X	6.647	6.647	0	%100
82	M95	Z	3.837	3.837	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
83	M82A	X	3.274	3.274	0	%100
84	M82A	Z	1.89	1.89	0	%100
85	M91B	X	13.095	13.095	0	%100
86	M91B	Z	7.561	7.561	0	%100
87	M100	X	2.452	2.452	0	%100
88	M100	Z	1.416	1.416	0	%100
89	M105	X	2.452	2.452	0	%100
90	M105	Z	1.416	1.416	0	%100
91	M110	X	9.81	9.81	0	%100
92	M110	Z	5.664	5.664	0	%100
93	M121	X	3.047	3.047	0	%100
94	M121	Z	1.759	1.759	0	%100
95	M122	X	12.189	12.189	0	%100
96	M122	Z	7.037	7.037	0	%100
97	M123	X	3.047	3.047	0	%100
98	M123	Z	1.759	1.759	0	%100
99	OVP1	X	8.022	8.022	0	%100
100	OVP1	Z	4.631	4.631	0	%100
101	MP3C	X	9.81	9.81	0	%100
102	MP3C	Z	5.664	5.664	0	%100
103	MP4C	X	9.81	9.81	0	%100
104	MP4C	Z	5.664	5.664	0	%100
105	MP2C	X	11.875	11.875	0	%100
106	MP2C	Z	6.856	6.856	0	%100
107	MP1C	X	9.81	9.81	0	%100
108	MP1C	Z	5.664	5.664	0	%100
109	MP3B	X	9.81	9.81	0	%100
110	MP3B	Z	5.664	5.664	0	%100
111	MP4B	X	9.81	9.81	0	%100
112	MP4B	Z	5.664	5.664	0	%100
113	MP2B	X	11.875	11.875	0	%100
114	MP2B	Z	6.856	6.856	0	%100
115	MP1B	X	9.81	9.81	0	%100
116	MP1B	Z	5.664	5.664	0	%100
117	OVP2	X	8.022	8.022	0	%100
118	OVP2	Z	4.631	4.631	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	5.67	5.67	0	%100
2	M1	Z	9.821	9.821	0	%100
3	M4	X	2.119	2.119	0	%100
4	M4	Z	3.671	3.671	0	%100
5	M10	X	5.38	5.38	0	%100
6	M10	Z	9.319	9.319	0	%100
7	MP3A	X	5.664	5.664	0	%100
8	MP3A	Z	9.81	9.81	0	%100
9	MP4A	X	5.664	5.664	0	%100
10	MP4A	Z	9.81	9.81	0	%100
11	MP2A	X	6.856	6.856	0	%100
12	MP2A	Z	11.875	11.875	0	%100
13	MP1A	X	5.664	5.664	0	%100
14	MP1A	Z	9.81	9.81	0	%100
15	M43	X	5.38	5.38	0	%100
16	M43	Z	9.319	9.319	0	%100
17	M46	X	10.731	10.731	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
18	M46	Z	18.587	18.587	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	5.959	5.959	0	%100
22	M52B	Z	10.321	10.321	0	%100
23	M76	X	3.577	3.577	0	%100
24	M76	Z	6.196	6.196	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	3.577	3.577	0	%100
30	M84	Z	6.196	6.196	0	%100
31	M85	X	10.93	10.93	0	%100
32	M85	Z	18.931	18.931	0	%100
33	M91	X	11.512	11.512	0	%100
34	M91	Z	19.94	19.94	0	%100
35	M52A	X	8.478	8.478	0	%100
36	M52A	Z	14.684	14.684	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	5.959	5.959	0	%100
44	M58A	Z	10.321	10.321	0	%100
45	M59A	X	5.959	5.959	0	%100
46	M59A	Z	10.321	10.321	0	%100
47	M63	X	14.308	14.308	0	%100
48	M63	Z	24.783	24.783	0	%100
49	M64	X	10.93	10.93	0	%100
50	M64	Z	18.931	18.931	0	%100
51	M66	X	11.512	11.512	0	%100
52	M66	Z	19.94	19.94	0	%100
53	M68	X	14.308	14.308	0	%100
54	M68	Z	24.783	24.783	0	%100
55	M69	X	10.93	10.93	0	%100
56	M69	Z	18.931	18.931	0	%100
57	M71	X	11.512	11.512	0	%100
58	M71	Z	19.94	19.94	0	%100
59	M76A	X	2.119	2.119	0	%100
60	M76A	Z	3.671	3.671	0	%100
61	M77A	X	5.38	5.38	0	%100
62	M77A	Z	9.319	9.319	0	%100
63	M78	X	5.38	5.38	0	%100
64	M78	Z	9.319	9.319	0	%100
65	M79A	X	10.731	10.731	0	%100
66	M79A	Z	18.587	18.587	0	%100
67	M82	X	5.959	5.959	0	%100
68	M82	Z	10.321	10.321	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	3.577	3.577	0	%100
72	M87	Z	6.196	6.196	0	%100
73	M88A	X	10.93	10.93	0	%100
74	M88A	Z	18.931	18.931	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
75	M90	X	11.512	11.512	0	%100
76	M90	Z	19.94	19.94	0	%100
77	M92A	X	3.577	3.577	0	%100
78	M92A	Z	6.196	6.196	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	5.67	5.67	0	%100
86	M91B	Z	9.821	9.821	0	%100
87	M100	X	4.248	4.248	0	%100
88	M100	Z	7.357	7.357	0	%100
89	M105	X	0	0	0	%100
90	M105	Z	0	0	0	%100
91	M110	X	4.248	4.248	0	%100
92	M110	Z	7.357	7.357	0	%100
93	M121	X	0	0	0	%100
94	M121	Z	0	0	0	%100
95	M122	X	5.278	5.278	0	%100
96	M122	Z	9.142	9.142	0	%100
97	M123	X	5.278	5.278	0	%100
98	M123	Z	9.142	9.142	0	%100
99	OVP1	X	4.631	4.631	0	%100
100	OVP1	Z	8.022	8.022	0	%100
101	MP3C	X	5.664	5.664	0	%100
102	MP3C	Z	9.81	9.81	0	%100
103	MP4C	X	5.664	5.664	0	%100
104	MP4C	Z	9.81	9.81	0	%100
105	MP2C	X	6.856	6.856	0	%100
106	MP2C	Z	11.875	11.875	0	%100
107	MP1C	X	5.664	5.664	0	%100
108	MP1C	Z	9.81	9.81	0	%100
109	MP3B	X	5.664	5.664	0	%100
110	MP3B	Z	9.81	9.81	0	%100
111	MP4B	X	5.664	5.664	0	%100
112	MP4B	Z	9.81	9.81	0	%100
113	MP2B	X	6.856	6.856	0	%100
114	MP2B	Z	11.875	11.875	0	%100
115	MP1B	X	5.664	5.664	0	%100
116	MP1B	Z	9.81	9.81	0	%100
117	OVP2	X	4.631	4.631	0	%100
118	OVP2	Z	8.022	8.022	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	0	0	0	%100
2	M1	Z	15.121	15.121	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	14.347	14.347	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	11.327	11.327	0	%100
9	MP4A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
10	MP4A	Z	11.327	11.327	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	13.712	13.712	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	11.327	11.327	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	14.347	14.347	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	28.617	28.617	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	3.973	3.973	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	3.973	3.973	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	7.287	7.287	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	7.675	7.675	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	7.287	7.287	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	7.675	7.675	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	12.716	12.716	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	3.587	3.587	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	3.587	3.587	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	7.154	7.154	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	3.973	3.973	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	15.89	15.89	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	21.462	21.462	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	7.287	7.287	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	7.675	7.675	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	21.462	21.462	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	29.146	29.146	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	30.699	30.699	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	12.716	12.716	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	3.587	3.587	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	3.587	3.587	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	7.154	7.154	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
67	M82	X	0	0	0	%100
68	M82	Z	15.89	15.89	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	3.973	3.973	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	21.462	21.462	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	29.146	29.146	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	30.699	30.699	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	21.462	21.462	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	7.287	7.287	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	7.675	7.675	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	3.78	3.78	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	3.78	3.78	0	%100
87	M100	X	0	0	0	%100
88	M100	Z	11.327	11.327	0	%100
89	M105	X	0	0	0	%100
90	M105	Z	2.832	2.832	0	%100
91	M110	X	0	0	0	%100
92	M110	Z	2.832	2.832	0	%100
93	M121	X	0	0	0	%100
94	M121	Z	3.519	3.519	0	%100
95	M122	X	0	0	0	%100
96	M122	Z	3.519	3.519	0	%100
97	M123	X	0	0	0	%100
98	M123	Z	14.075	14.075	0	%100
99	OVP1	X	0	0	0	%100
100	OVP1	Z	9.263	9.263	0	%100
101	MP3C	X	0	0	0	%100
102	MP3C	Z	11.327	11.327	0	%100
103	MP4C	X	0	0	0	%100
104	MP4C	Z	11.327	11.327	0	%100
105	MP2C	X	0	0	0	%100
106	MP2C	Z	13.712	13.712	0	%100
107	MP1C	X	0	0	0	%100
108	MP1C	Z	11.327	11.327	0	%100
109	MP3B	X	0	0	0	%100
110	MP3B	Z	11.327	11.327	0	%100
111	MP4B	X	0	0	0	%100
112	MP4B	Z	11.327	11.327	0	%100
113	MP2B	X	0	0	0	%100
114	MP2B	Z	13.712	13.712	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	11.327	11.327	0	%100
117	OVP2	X	0	0	0	%100
118	OVP2	Z	9.263	9.263	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	-5.67	-5.67	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
2	M1	Z	9.821	9.821	0	%100
3	M4	X	-2.119	-2.119	0	%100
4	M4	Z	3.671	3.671	0	%100
5	M10	X	-5.38	-5.38	0	%100
6	M10	Z	9.319	9.319	0	%100
7	MP3A	X	-5.664	-5.664	0	%100
8	MP3A	Z	9.81	9.81	0	%100
9	MP4A	X	-5.664	-5.664	0	%100
10	MP4A	Z	9.81	9.81	0	%100
11	MP2A	X	-6.856	-6.856	0	%100
12	MP2A	Z	11.875	11.875	0	%100
13	MP1A	X	-5.664	-5.664	0	%100
14	MP1A	Z	9.81	9.81	0	%100
15	M43	X	-5.38	-5.38	0	%100
16	M43	Z	9.319	9.319	0	%100
17	M46	X	-10.731	-10.731	0	%100
18	M46	Z	18.587	18.587	0	%100
19	M51B	X	-5.959	-5.959	0	%100
20	M51B	Z	10.321	10.321	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-3.577	-3.577	0	%100
24	M76	Z	6.196	6.196	0	%100
25	M77	X	-10.93	-10.93	0	%100
26	M77	Z	18.931	18.931	0	%100
27	M80	X	-11.512	-11.512	0	%100
28	M80	Z	19.94	19.94	0	%100
29	M84	X	-3.577	-3.577	0	%100
30	M84	Z	6.196	6.196	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	-2.119	-2.119	0	%100
36	M52A	Z	3.671	3.671	0	%100
37	M53	X	-5.38	-5.38	0	%100
38	M53	Z	9.319	9.319	0	%100
39	M54	X	-5.38	-5.38	0	%100
40	M54	Z	9.319	9.319	0	%100
41	M55	X	-10.731	-10.731	0	%100
42	M55	Z	18.587	18.587	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	-5.959	-5.959	0	%100
46	M59A	Z	10.321	10.321	0	%100
47	M63	X	-3.577	-3.577	0	%100
48	M63	Z	6.196	6.196	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	-3.577	-3.577	0	%100
54	M68	Z	6.196	6.196	0	%100
55	M69	X	-10.93	-10.93	0	%100
56	M69	Z	18.931	18.931	0	%100
57	M71	X	-11.512	-11.512	0	%100
58	M71	Z	19.94	19.94	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
59	M76A	X	-8.478	-8.478	0	%100
60	M76A	Z	14.684	14.684	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	-5.959	-5.959	0	%100
68	M82	Z	10.321	10.321	0	%100
69	M83A	X	-5.959	-5.959	0	%100
70	M83A	Z	10.321	10.321	0	%100
71	M87	X	-14.308	-14.308	0	%100
72	M87	Z	24.783	24.783	0	%100
73	M88A	X	-10.93	-10.93	0	%100
74	M88A	Z	18.931	18.931	0	%100
75	M90	X	-11.512	-11.512	0	%100
76	M90	Z	19.94	19.94	0	%100
77	M92A	X	-14.308	-14.308	0	%100
78	M92A	Z	24.783	24.783	0	%100
79	M93	X	-10.93	-10.93	0	%100
80	M93	Z	18.931	18.931	0	%100
81	M95	X	-11.512	-11.512	0	%100
82	M95	Z	19.94	19.94	0	%100
83	M82A	X	-5.67	-5.67	0	%100
84	M82A	Z	9.821	9.821	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	0	0	0	%100
87	M100	X	-4.248	-4.248	0	%100
88	M100	Z	7.357	7.357	0	%100
89	M105	X	-4.248	-4.248	0	%100
90	M105	Z	7.357	7.357	0	%100
91	M110	X	0	0	0	%100
92	M110	Z	0	0	0	%100
93	M121	X	-5.278	-5.278	0	%100
94	M121	Z	9.142	9.142	0	%100
95	M122	X	0	0	0	%100
96	M122	Z	0	0	0	%100
97	M123	X	-5.278	-5.278	0	%100
98	M123	Z	9.142	9.142	0	%100
99	OVP1	X	-4.631	-4.631	0	%100
100	OVP1	Z	8.022	8.022	0	%100
101	MP3C	X	-5.664	-5.664	0	%100
102	MP3C	Z	9.81	9.81	0	%100
103	MP4C	X	-5.664	-5.664	0	%100
104	MP4C	Z	9.81	9.81	0	%100
105	MP2C	X	-6.856	-6.856	0	%100
106	MP2C	Z	11.875	11.875	0	%100
107	MP1C	X	-5.664	-5.664	0	%100
108	MP1C	Z	9.81	9.81	0	%100
109	MP3B	X	-5.664	-5.664	0	%100
110	MP3B	Z	9.81	9.81	0	%100
111	MP4B	X	-5.664	-5.664	0	%100
112	MP4B	Z	9.81	9.81	0	%100
113	MP2B	X	-6.856	-6.856	0	%100
114	MP2B	Z	11.875	11.875	0	%100
115	MP1B	X	-5.664	-5.664	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
116	MP1B	Z	9.81	9.81	0	%100
117	OVP2	X	-4.631	-4.631	0	%100
118	OVP2	Z	8.022	8.022	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	-3.274	-3.274	0	%100
2	M1	Z	1.89	1.89	0	%100
3	M4	X	-11.013	-11.013	0	%100
4	M4	Z	6.358	6.358	0	%100
5	M10	X	-3.106	-3.106	0	%100
6	M10	Z	1.793	1.793	0	%100
7	MP3A	X	-9.81	-9.81	0	%100
8	MP3A	Z	5.664	5.664	0	%100
9	MP4A	X	-9.81	-9.81	0	%100
10	MP4A	Z	5.664	5.664	0	%100
11	MP2A	X	-11.875	-11.875	0	%100
12	MP2A	Z	6.856	6.856	0	%100
13	MP1A	X	-9.81	-9.81	0	%100
14	MP1A	Z	5.664	5.664	0	%100
15	M43	X	-3.106	-3.106	0	%100
16	M43	Z	1.793	1.793	0	%100
17	M46	X	-6.196	-6.196	0	%100
18	M46	Z	3.577	3.577	0	%100
19	M51B	X	-13.761	-13.761	0	%100
20	M51B	Z	7.945	7.945	0	%100
21	M52B	X	-3.44	-3.44	0	%100
22	M52B	Z	1.986	1.986	0	%100
23	M76	X	-18.587	-18.587	0	%100
24	M76	Z	10.731	10.731	0	%100
25	M77	X	-25.242	-25.242	0	%100
26	M77	Z	14.573	14.573	0	%100
27	M80	X	-26.586	-26.586	0	%100
28	M80	Z	15.35	15.35	0	%100
29	M84	X	-18.587	-18.587	0	%100
30	M84	Z	10.731	10.731	0	%100
31	M85	X	-6.31	-6.31	0	%100
32	M85	Z	3.643	3.643	0	%100
33	M91	X	-6.647	-6.647	0	%100
34	M91	Z	3.837	3.837	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	-12.425	-12.425	0	%100
38	M53	Z	7.173	7.173	0	%100
39	M54	X	-12.425	-12.425	0	%100
40	M54	Z	7.173	7.173	0	%100
41	M55	X	-24.783	-24.783	0	%100
42	M55	Z	14.308	14.308	0	%100
43	M58A	X	-3.44	-3.44	0	%100
44	M58A	Z	1.986	1.986	0	%100
45	M59A	X	-3.44	-3.44	0	%100
46	M59A	Z	1.986	1.986	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-6.31	-6.31	0	%100
50	M64	Z	3.643	3.643	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
51	M66	X	-6.647	-6.647	0	%100
52	M66	Z	3.837	3.837	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	-6.31	-6.31	0	%100
56	M69	Z	3.643	3.643	0	%100
57	M71	X	-6.647	-6.647	0	%100
58	M71	Z	3.837	3.837	0	%100
59	M76A	X	-11.013	-11.013	0	%100
60	M76A	Z	6.358	6.358	0	%100
61	M77A	X	-3.106	-3.106	0	%100
62	M77A	Z	1.793	1.793	0	%100
63	M78	X	-3.106	-3.106	0	%100
64	M78	Z	1.793	1.793	0	%100
65	M79A	X	-6.196	-6.196	0	%100
66	M79A	Z	3.577	3.577	0	%100
67	M82	X	-3.44	-3.44	0	%100
68	M82	Z	1.986	1.986	0	%100
69	M83A	X	-13.761	-13.761	0	%100
70	M83A	Z	7.945	7.945	0	%100
71	M87	X	-18.587	-18.587	0	%100
72	M87	Z	10.731	10.731	0	%100
73	M88A	X	-6.31	-6.31	0	%100
74	M88A	Z	3.643	3.643	0	%100
75	M90	X	-6.647	-6.647	0	%100
76	M90	Z	3.837	3.837	0	%100
77	M92A	X	-18.587	-18.587	0	%100
78	M92A	Z	10.731	10.731	0	%100
79	M93	X	-25.242	-25.242	0	%100
80	M93	Z	14.573	14.573	0	%100
81	M95	X	-26.586	-26.586	0	%100
82	M95	Z	15.35	15.35	0	%100
83	M82A	X	-13.095	-13.095	0	%100
84	M82A	Z	7.561	7.561	0	%100
85	M91B	X	-3.274	-3.274	0	%100
86	M91B	Z	1.89	1.89	0	%100
87	M100	X	-2.452	-2.452	0	%100
88	M100	Z	1.416	1.416	0	%100
89	M105	X	-9.81	-9.81	0	%100
90	M105	Z	5.664	5.664	0	%100
91	M110	X	-2.452	-2.452	0	%100
92	M110	Z	1.416	1.416	0	%100
93	M121	X	-12.189	-12.189	0	%100
94	M121	Z	7.037	7.037	0	%100
95	M122	X	-3.047	-3.047	0	%100
96	M122	Z	1.759	1.759	0	%100
97	M123	X	-3.047	-3.047	0	%100
98	M123	Z	1.759	1.759	0	%100
99	OVP1	X	-8.022	-8.022	0	%100
100	OVP1	Z	4.631	4.631	0	%100
101	MP3C	X	-9.81	-9.81	0	%100
102	MP3C	Z	5.664	5.664	0	%100
103	MP4C	X	-9.81	-9.81	0	%100
104	MP4C	Z	5.664	5.664	0	%100
105	MP2C	X	-11.875	-11.875	0	%100
106	MP2C	Z	6.856	6.856	0	%100
107	MP1C	X	-9.81	-9.81	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
108	MP1C	Z	5.664	5.664	0	%100
109	MP3B	X	-9.81	-9.81	0	%100
110	MP3B	Z	5.664	5.664	0	%100
111	MP4B	X	-9.81	-9.81	0	%100
112	MP4B	Z	5.664	5.664	0	%100
113	MP2B	X	-11.875	-11.875	0	%100
114	MP2B	Z	6.856	6.856	0	%100
115	MP1B	X	-9.81	-9.81	0	%100
116	MP1B	Z	5.664	5.664	0	%100
117	OVP2	X	-8.022	-8.022	0	%100
118	OVP2	Z	4.631	4.631	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-16.955	-16.955	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-11.327	-11.327	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-11.327	-11.327	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-13.712	-13.712	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-11.327	-11.327	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-11.918	-11.918	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-11.918	-11.918	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-28.617	-28.617	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-21.86	-21.86	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-23.024	-23.024	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-28.617	-28.617	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-21.86	-21.86	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-23.024	-23.024	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	-4.239	-4.239	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	-10.76	-10.76	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	-10.76	-10.76	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	-21.462	-21.462	0	%100
42	M55	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
43	M58A	X	-11.918	-11.918	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	-7.154	-7.154	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-21.86	-21.86	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	-23.024	-23.024	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	-7.154	-7.154	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76A	X	-4.239	-4.239	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	-10.76	-10.76	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	-10.76	-10.76	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	-21.462	-21.462	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83A	X	-11.918	-11.918	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	-7.154	-7.154	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	0	0	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	-7.154	-7.154	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-21.86	-21.86	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	-23.024	-23.024	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	-11.341	-11.341	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	-11.341	-11.341	0	%100
86	M91B	Z	0	0	0	%100
87	M100	X	0	0	0	%100
88	M100	Z	0	0	0	%100
89	M105	X	-8.496	-8.496	0	%100
90	M105	Z	0	0	0	%100
91	M110	X	-8.496	-8.496	0	%100
92	M110	Z	0	0	0	%100
93	M121	X	-10.556	-10.556	0	%100
94	M121	Z	0	0	0	%100
95	M122	X	-10.556	-10.556	0	%100
96	M122	Z	0	0	0	%100
97	M123	X	0	0	0	%100
98	M123	Z	0	0	0	%100
99	OVP1	X	-9.263	-9.263	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
100	OVP1	Z	0	0	0	%100
101	MP3C	X	-11.327	-11.327	0	%100
102	MP3C	Z	0	0	0	%100
103	MP4C	X	-11.327	-11.327	0	%100
104	MP4C	Z	0	0	0	%100
105	MP2C	X	-13.712	-13.712	0	%100
106	MP2C	Z	0	0	0	%100
107	MP1C	X	-11.327	-11.327	0	%100
108	MP1C	Z	0	0	0	%100
109	MP3B	X	-11.327	-11.327	0	%100
110	MP3B	Z	0	0	0	%100
111	MP4B	X	-11.327	-11.327	0	%100
112	MP4B	Z	0	0	0	%100
113	MP2B	X	-13.712	-13.712	0	%100
114	MP2B	Z	0	0	0	%100
115	MP1B	X	-11.327	-11.327	0	%100
116	MP1B	Z	0	0	0	%100
117	OVP2	X	-9.263	-9.263	0	%100
118	OVP2	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	-3.274	-3.274	0	%100
2	M1	Z	-1.89	-1.89	0	%100
3	M4	X	-11.013	-11.013	0	%100
4	M4	Z	-6.358	-6.358	0	%100
5	M10	X	-3.106	-3.106	0	%100
6	M10	Z	-1.793	-1.793	0	%100
7	MP3A	X	-9.81	-9.81	0	%100
8	MP3A	Z	-5.664	-5.664	0	%100
9	MP4A	X	-9.81	-9.81	0	%100
10	MP4A	Z	-5.664	-5.664	0	%100
11	MP2A	X	-11.875	-11.875	0	%100
12	MP2A	Z	-6.856	-6.856	0	%100
13	MP1A	X	-9.81	-9.81	0	%100
14	MP1A	Z	-5.664	-5.664	0	%100
15	M43	X	-3.106	-3.106	0	%100
16	M43	Z	-1.793	-1.793	0	%100
17	M46	X	-6.196	-6.196	0	%100
18	M46	Z	-3.577	-3.577	0	%100
19	M51B	X	-3.44	-3.44	0	%100
20	M51B	Z	-1.986	-1.986	0	%100
21	M52B	X	-13.761	-13.761	0	%100
22	M52B	Z	-7.945	-7.945	0	%100
23	M76	X	-18.587	-18.587	0	%100
24	M76	Z	-10.731	-10.731	0	%100
25	M77	X	-6.31	-6.31	0	%100
26	M77	Z	-3.643	-3.643	0	%100
27	M80	X	-6.647	-6.647	0	%100
28	M80	Z	-3.837	-3.837	0	%100
29	M84	X	-18.587	-18.587	0	%100
30	M84	Z	-10.731	-10.731	0	%100
31	M85	X	-25.242	-25.242	0	%100
32	M85	Z	-14.573	-14.573	0	%100
33	M91	X	-26.586	-26.586	0	%100
34	M91	Z	-15.35	-15.35	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
35	M52A	X	-11.013	-11.013	0	%100
36	M52A	Z	-6.358	-6.358	0	%100
37	M53	X	-3.106	-3.106	0	%100
38	M53	Z	-1.793	-1.793	0	%100
39	M54	X	-3.106	-3.106	0	%100
40	M54	Z	-1.793	-1.793	0	%100
41	M55	X	-6.196	-6.196	0	%100
42	M55	Z	-3.577	-3.577	0	%100
43	M58A	X	-13.761	-13.761	0	%100
44	M58A	Z	-7.945	-7.945	0	%100
45	M59A	X	-3.44	-3.44	0	%100
46	M59A	Z	-1.986	-1.986	0	%100
47	M63	X	-18.587	-18.587	0	%100
48	M63	Z	-10.731	-10.731	0	%100
49	M64	X	-25.242	-25.242	0	%100
50	M64	Z	-14.573	-14.573	0	%100
51	M66	X	-26.586	-26.586	0	%100
52	M66	Z	-15.35	-15.35	0	%100
53	M68	X	-18.587	-18.587	0	%100
54	M68	Z	-10.731	-10.731	0	%100
55	M69	X	-6.31	-6.31	0	%100
56	M69	Z	-3.643	-3.643	0	%100
57	M71	X	-6.647	-6.647	0	%100
58	M71	Z	-3.837	-3.837	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	-12.425	-12.425	0	%100
62	M77A	Z	-7.173	-7.173	0	%100
63	M78	X	-12.425	-12.425	0	%100
64	M78	Z	-7.173	-7.173	0	%100
65	M79A	X	-24.783	-24.783	0	%100
66	M79A	Z	-14.308	-14.308	0	%100
67	M82	X	-3.44	-3.44	0	%100
68	M82	Z	-1.986	-1.986	0	%100
69	M83A	X	-3.44	-3.44	0	%100
70	M83A	Z	-1.986	-1.986	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	-6.31	-6.31	0	%100
74	M88A	Z	-3.643	-3.643	0	%100
75	M90	X	-6.647	-6.647	0	%100
76	M90	Z	-3.837	-3.837	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-6.31	-6.31	0	%100
80	M93	Z	-3.643	-3.643	0	%100
81	M95	X	-6.647	-6.647	0	%100
82	M95	Z	-3.837	-3.837	0	%100
83	M82A	X	-3.274	-3.274	0	%100
84	M82A	Z	-1.89	-1.89	0	%100
85	M91B	X	-13.095	-13.095	0	%100
86	M91B	Z	-7.561	-7.561	0	%100
87	M100	X	-2.452	-2.452	0	%100
88	M100	Z	-1.416	-1.416	0	%100
89	M105	X	-2.452	-2.452	0	%100
90	M105	Z	-1.416	-1.416	0	%100
91	M110	X	-9.81	-9.81	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
92	M110	Z	-5.664	-5.664	0	%100
93	M121	X	-3.047	-3.047	0	%100
94	M121	Z	-1.759	-1.759	0	%100
95	M122	X	-12.189	-12.189	0	%100
96	M122	Z	-7.037	-7.037	0	%100
97	M123	X	-3.047	-3.047	0	%100
98	M123	Z	-1.759	-1.759	0	%100
99	OVP1	X	-8.022	-8.022	0	%100
100	OVP1	Z	-4.631	-4.631	0	%100
101	MP3C	X	-9.81	-9.81	0	%100
102	MP3C	Z	-5.664	-5.664	0	%100
103	MP4C	X	-9.81	-9.81	0	%100
104	MP4C	Z	-5.664	-5.664	0	%100
105	MP2C	X	-11.875	-11.875	0	%100
106	MP2C	Z	-6.856	-6.856	0	%100
107	MP1C	X	-9.81	-9.81	0	%100
108	MP1C	Z	-5.664	-5.664	0	%100
109	MP3B	X	-9.81	-9.81	0	%100
110	MP3B	Z	-5.664	-5.664	0	%100
111	MP4B	X	-9.81	-9.81	0	%100
112	MP4B	Z	-5.664	-5.664	0	%100
113	MP2B	X	-11.875	-11.875	0	%100
114	MP2B	Z	-6.856	-6.856	0	%100
115	MP1B	X	-9.81	-9.81	0	%100
116	MP1B	Z	-5.664	-5.664	0	%100
117	OVP2	X	-8.022	-8.022	0	%100
118	OVP2	Z	-4.631	-4.631	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	-5.67	-5.67	0	%100
2	M1	Z	-9.821	-9.821	0	%100
3	M4	X	-2.119	-2.119	0	%100
4	M4	Z	-3.671	-3.671	0	%100
5	M10	X	-5.38	-5.38	0	%100
6	M10	Z	-9.319	-9.319	0	%100
7	MP3A	X	-5.664	-5.664	0	%100
8	MP3A	Z	-9.81	-9.81	0	%100
9	MP4A	X	-5.664	-5.664	0	%100
10	MP4A	Z	-9.81	-9.81	0	%100
11	MP2A	X	-6.856	-6.856	0	%100
12	MP2A	Z	-11.875	-11.875	0	%100
13	MP1A	X	-5.664	-5.664	0	%100
14	MP1A	Z	-9.81	-9.81	0	%100
15	M43	X	-5.38	-5.38	0	%100
16	M43	Z	-9.319	-9.319	0	%100
17	M46	X	-10.731	-10.731	0	%100
18	M46	Z	-18.587	-18.587	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-5.959	-5.959	0	%100
22	M52B	Z	-10.321	-10.321	0	%100
23	M76	X	-3.577	-3.577	0	%100
24	M76	Z	-6.196	-6.196	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-3.577	-3.577	0	%100
30	M84	Z	-6.196	-6.196	0	%100
31	M85	X	-10.93	-10.93	0	%100
32	M85	Z	-18.931	-18.931	0	%100
33	M91	X	-11.512	-11.512	0	%100
34	M91	Z	-19.94	-19.94	0	%100
35	M52A	X	-8.478	-8.478	0	%100
36	M52A	Z	-14.684	-14.684	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	-5.959	-5.959	0	%100
44	M58A	Z	-10.321	-10.321	0	%100
45	M59A	X	-5.959	-5.959	0	%100
46	M59A	Z	-10.321	-10.321	0	%100
47	M63	X	-14.308	-14.308	0	%100
48	M63	Z	-24.783	-24.783	0	%100
49	M64	X	-10.93	-10.93	0	%100
50	M64	Z	-18.931	-18.931	0	%100
51	M66	X	-11.512	-11.512	0	%100
52	M66	Z	-19.94	-19.94	0	%100
53	M68	X	-14.308	-14.308	0	%100
54	M68	Z	-24.783	-24.783	0	%100
55	M69	X	-10.93	-10.93	0	%100
56	M69	Z	-18.931	-18.931	0	%100
57	M71	X	-11.512	-11.512	0	%100
58	M71	Z	-19.94	-19.94	0	%100
59	M76A	X	-2.119	-2.119	0	%100
60	M76A	Z	-3.671	-3.671	0	%100
61	M77A	X	-5.38	-5.38	0	%100
62	M77A	Z	-9.319	-9.319	0	%100
63	M78	X	-5.38	-5.38	0	%100
64	M78	Z	-9.319	-9.319	0	%100
65	M79A	X	-10.731	-10.731	0	%100
66	M79A	Z	-18.587	-18.587	0	%100
67	M82	X	-5.959	-5.959	0	%100
68	M82	Z	-10.321	-10.321	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	-3.577	-3.577	0	%100
72	M87	Z	-6.196	-6.196	0	%100
73	M88A	X	-10.93	-10.93	0	%100
74	M88A	Z	-18.931	-18.931	0	%100
75	M90	X	-11.512	-11.512	0	%100
76	M90	Z	-19.94	-19.94	0	%100
77	M92A	X	-3.577	-3.577	0	%100
78	M92A	Z	-6.196	-6.196	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
84	M82A	Z	0	0	0	%100
85	M91B	X	-5.67	-5.67	0	%100
86	M91B	Z	-9.821	-9.821	0	%100
87	M100	X	-4.248	-4.248	0	%100
88	M100	Z	-7.357	-7.357	0	%100
89	M105	X	0	0	0	%100
90	M105	Z	0	0	0	%100
91	M110	X	-4.248	-4.248	0	%100
92	M110	Z	-7.357	-7.357	0	%100
93	M121	X	0	0	0	%100
94	M121	Z	0	0	0	%100
95	M122	X	-5.278	-5.278	0	%100
96	M122	Z	-9.142	-9.142	0	%100
97	M123	X	-5.278	-5.278	0	%100
98	M123	Z	-9.142	-9.142	0	%100
99	OVP1	X	-4.631	-4.631	0	%100
100	OVP1	Z	-8.022	-8.022	0	%100
101	MP3C	X	-5.664	-5.664	0	%100
102	MP3C	Z	-9.81	-9.81	0	%100
103	MP4C	X	-5.664	-5.664	0	%100
104	MP4C	Z	-9.81	-9.81	0	%100
105	MP2C	X	-6.856	-6.856	0	%100
106	MP2C	Z	-11.875	-11.875	0	%100
107	MP1C	X	-5.664	-5.664	0	%100
108	MP1C	Z	-9.81	-9.81	0	%100
109	MP3B	X	-5.664	-5.664	0	%100
110	MP3B	Z	-9.81	-9.81	0	%100
111	MP4B	X	-5.664	-5.664	0	%100
112	MP4B	Z	-9.81	-9.81	0	%100
113	MP2B	X	-6.856	-6.856	0	%100
114	MP2B	Z	-11.875	-11.875	0	%100
115	MP1B	X	-5.664	-5.664	0	%100
116	MP1B	Z	-9.81	-9.81	0	%100
117	OVP2	X	-4.631	-4.631	0	%100
118	OVP2	Z	-8.022	-8.022	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	0	0	0	%100
2	M1	Z	-4.292	-4.292	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-3.529	-3.529	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-3.46	-3.46	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-3.46	-3.46	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-3.83	-3.83	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-3.46	-3.46	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-3.529	-3.529	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-5.52	-5.52	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
19	M51B	X	0	0	0	%100
20	M51B	Z	-1.016	-1.016	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-1.016	-1.016	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-1.378	-1.378	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-1.438	-1.438	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-1.378	-1.378	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-1.438	-1.438	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	-3.249	-3.249	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	-.882	-.882	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	-.882	-.882	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	-1.38	-1.38	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	-1.016	-1.016	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	-4.062	-4.062	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	-4.072	-4.072	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	-1.378	-1.378	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	-1.438	-1.438	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	-4.072	-4.072	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	-5.512	-5.512	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	-5.753	-5.753	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	-3.249	-3.249	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	-.882	-.882	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	-.882	-.882	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	-1.38	-1.38	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	-4.062	-4.062	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	-1.016	-1.016	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	-4.072	-4.072	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	-5.512	-5.512	0	%100
75	M90	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
76	M90	Z	-5.753	-5.753	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	-4.072	-4.072	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	-1.378	-1.378	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	-1.438	-1.438	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	-1.073	-1.073	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	-1.073	-1.073	0	%100
87	M100	X	0	0	0	%100
88	M100	Z	-3.46	-3.46	0	%100
89	M105	X	0	0	0	%100
90	M105	Z	-.865	-.865	0	%100
91	M110	X	0	0	0	%100
92	M110	Z	-.865	-.865	0	%100
93	M121	X	0	0	0	%100
94	M121	Z	-.838	-.838	0	%100
95	M122	X	0	0	0	%100
96	M122	Z	-.838	-.838	0	%100
97	M123	X	0	0	0	%100
98	M123	Z	-3.353	-3.353	0	%100
99	OVP1	X	0	0	0	%100
100	OVP1	Z	-2.844	-2.844	0	%100
101	MP3C	X	0	0	0	%100
102	MP3C	Z	-3.46	-3.46	0	%100
103	MP4C	X	0	0	0	%100
104	MP4C	Z	-3.46	-3.46	0	%100
105	MP2C	X	0	0	0	%100
106	MP2C	Z	-3.83	-3.83	0	%100
107	MP1C	X	0	0	0	%100
108	MP1C	Z	-3.46	-3.46	0	%100
109	MP3B	X	0	0	0	%100
110	MP3B	Z	-3.46	-3.46	0	%100
111	MP4B	X	0	0	0	%100
112	MP4B	Z	-3.46	-3.46	0	%100
113	MP2B	X	0	0	0	%100
114	MP2B	Z	-3.83	-3.83	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	-3.46	-3.46	0	%100
117	OVP2	X	0	0	0	%100
118	OVP2	Z	-2.844	-2.844	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	1.609	1.609	0	%100
2	M1	Z	-2.788	-2.788	0	%100
3	M4	X	.542	.542	0	%100
4	M4	Z	-.938	-.938	0	%100
5	M10	X	1.323	1.323	0	%100
6	M10	Z	-2.292	-2.292	0	%100
7	MP3A	X	1.73	1.73	0	%100
8	MP3A	Z	-2.997	-2.997	0	%100
9	MP4A	X	1.73	1.73	0	%100
10	MP4A	Z	-2.997	-2.997	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
11	MP2A	X	1.915	1.915	0	%100
12	MP2A	Z	-3.317	-3.317	0	%100
13	MP1A	X	1.73	1.73	0	%100
14	MP1A	Z	-2.997	-2.997	0	%100
15	M43	X	1.323	1.323	0	%100
16	M43	Z	-2.292	-2.292	0	%100
17	M46	X	2.07	2.07	0	%100
18	M46	Z	-3.586	-3.586	0	%100
19	M51B	X	1.523	1.523	0	%100
20	M51B	Z	-2.638	-2.638	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	.679	.679	0	%100
24	M76	Z	-1.176	-1.176	0	%100
25	M77	X	2.067	2.067	0	%100
26	M77	Z	-3.58	-3.58	0	%100
27	M80	X	2.157	2.157	0	%100
28	M80	Z	-3.736	-3.736	0	%100
29	M84	X	.679	.679	0	%100
30	M84	Z	-1.176	-1.176	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	.542	.542	0	%100
36	M52A	Z	-.938	-.938	0	%100
37	M53	X	1.323	1.323	0	%100
38	M53	Z	-2.292	-2.292	0	%100
39	M54	X	1.323	1.323	0	%100
40	M54	Z	-2.292	-2.292	0	%100
41	M55	X	2.07	2.07	0	%100
42	M55	Z	-3.586	-3.586	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	1.523	1.523	0	%100
46	M59A	Z	-2.638	-2.638	0	%100
47	M63	X	.679	.679	0	%100
48	M63	Z	-1.176	-1.176	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	.679	.679	0	%100
54	M68	Z	-1.176	-1.176	0	%100
55	M69	X	2.067	2.067	0	%100
56	M69	Z	-3.58	-3.58	0	%100
57	M71	X	2.157	2.157	0	%100
58	M71	Z	-3.736	-3.736	0	%100
59	M76A	X	2.166	2.166	0	%100
60	M76A	Z	-3.752	-3.752	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	1.523	1.523	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
68	M82	Z	-2.638	-2.638	0	%100
69	M83A	X	1.523	1.523	0	%100
70	M83A	Z	-2.638	-2.638	0	%100
71	M87	X	2.715	2.715	0	%100
72	M87	Z	-4.702	-4.702	0	%100
73	M88A	X	2.067	2.067	0	%100
74	M88A	Z	-3.58	-3.58	0	%100
75	M90	X	2.157	2.157	0	%100
76	M90	Z	-3.736	-3.736	0	%100
77	M92A	X	2.715	2.715	0	%100
78	M92A	Z	-4.702	-4.702	0	%100
79	M93	X	2.067	2.067	0	%100
80	M93	Z	-3.58	-3.58	0	%100
81	M95	X	2.157	2.157	0	%100
82	M95	Z	-3.736	-3.736	0	%100
83	M82A	X	1.609	1.609	0	%100
84	M82A	Z	-2.788	-2.788	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	0	0	0	%100
87	M100	X	1.298	1.298	0	%100
88	M100	Z	-2.247	-2.247	0	%100
89	M105	X	1.298	1.298	0	%100
90	M105	Z	-2.247	-2.247	0	%100
91	M110	X	0	0	0	%100
92	M110	Z	0	0	0	%100
93	M121	X	1.258	1.258	0	%100
94	M121	Z	-2.178	-2.178	0	%100
95	M122	X	0	0	0	%100
96	M122	Z	0	0	0	%100
97	M123	X	1.258	1.258	0	%100
98	M123	Z	-2.178	-2.178	0	%100
99	OVP1	X	1.422	1.422	0	%100
100	OVP1	Z	-2.463	-2.463	0	%100
101	MP3C	X	1.73	1.73	0	%100
102	MP3C	Z	-2.997	-2.997	0	%100
103	MP4C	X	1.73	1.73	0	%100
104	MP4C	Z	-2.997	-2.997	0	%100
105	MP2C	X	1.915	1.915	0	%100
106	MP2C	Z	-3.317	-3.317	0	%100
107	MP1C	X	1.73	1.73	0	%100
108	MP1C	Z	-2.997	-2.997	0	%100
109	MP3B	X	1.73	1.73	0	%100
110	MP3B	Z	-2.997	-2.997	0	%100
111	MP4B	X	1.73	1.73	0	%100
112	MP4B	Z	-2.997	-2.997	0	%100
113	MP2B	X	1.915	1.915	0	%100
114	MP2B	Z	-3.317	-3.317	0	%100
115	MP1B	X	1.73	1.73	0	%100
116	MP1B	Z	-2.997	-2.997	0	%100
117	OVP2	X	1.422	1.422	0	%100
118	OVP2	Z	-2.463	-2.463	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	.929	.929	0	%100
2	M1	Z	-.536	-.536	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
3	M4	X	2.814	2.814	0	%100
4	M4	Z	-1.625	-1.625	0	%100
5	M10	X	.764	.764	0	%100
6	M10	Z	-.441	-.441	0	%100
7	MP3A	X	2.997	2.997	0	%100
8	MP3A	Z	-1.73	-1.73	0	%100
9	MP4A	X	2.997	2.997	0	%100
10	MP4A	Z	-1.73	-1.73	0	%100
11	MP2A	X	3.317	3.317	0	%100
12	MP2A	Z	-1.915	-1.915	0	%100
13	MP1A	X	2.997	2.997	0	%100
14	MP1A	Z	-1.73	-1.73	0	%100
15	M43	X	.764	.764	0	%100
16	M43	Z	-.441	-.441	0	%100
17	M46	X	1.195	1.195	0	%100
18	M46	Z	-.69	-.69	0	%100
19	M51B	X	3.518	3.518	0	%100
20	M51B	Z	-2.031	-2.031	0	%100
21	M52B	X	.879	.879	0	%100
22	M52B	Z	-.508	-.508	0	%100
23	M76	X	3.527	3.527	0	%100
24	M76	Z	-2.036	-2.036	0	%100
25	M77	X	4.773	4.773	0	%100
26	M77	Z	-2.756	-2.756	0	%100
27	M80	X	4.982	4.982	0	%100
28	M80	Z	-2.876	-2.876	0	%100
29	M84	X	3.527	3.527	0	%100
30	M84	Z	-2.036	-2.036	0	%100
31	M85	X	1.193	1.193	0	%100
32	M85	Z	-.689	-.689	0	%100
33	M91	X	1.245	1.245	0	%100
34	M91	Z	-.719	-.719	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	3.056	3.056	0	%100
38	M53	Z	-1.765	-1.765	0	%100
39	M54	X	3.056	3.056	0	%100
40	M54	Z	-1.765	-1.765	0	%100
41	M55	X	4.781	4.781	0	%100
42	M55	Z	-2.76	-2.76	0	%100
43	M58A	X	.879	.879	0	%100
44	M58A	Z	-.508	-.508	0	%100
45	M59A	X	.879	.879	0	%100
46	M59A	Z	-.508	-.508	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	1.193	1.193	0	%100
50	M64	Z	-.689	-.689	0	%100
51	M66	X	1.245	1.245	0	%100
52	M66	Z	-.719	-.719	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	1.193	1.193	0	%100
56	M69	Z	-.689	-.689	0	%100
57	M71	X	1.245	1.245	0	%100
58	M71	Z	-.719	-.719	0	%100
59	M76A	X	2.814	2.814	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
60	M76A	Z	-1.625	-1.625	0	%100
61	M77A	X	.764	.764	0	%100
62	M77A	Z	-.441	-.441	0	%100
63	M78	X	.764	.764	0	%100
64	M78	Z	-.441	-.441	0	%100
65	M79A	X	1.195	1.195	0	%100
66	M79A	Z	-.69	-.69	0	%100
67	M82	X	.879	.879	0	%100
68	M82	Z	-.508	-.508	0	%100
69	M83A	X	3.518	3.518	0	%100
70	M83A	Z	-2.031	-2.031	0	%100
71	M87	X	3.527	3.527	0	%100
72	M87	Z	-2.036	-2.036	0	%100
73	M88A	X	1.193	1.193	0	%100
74	M88A	Z	-.689	-.689	0	%100
75	M90	X	1.245	1.245	0	%100
76	M90	Z	-.719	-.719	0	%100
77	M92A	X	3.527	3.527	0	%100
78	M92A	Z	-2.036	-2.036	0	%100
79	M93	X	4.773	4.773	0	%100
80	M93	Z	-2.756	-2.756	0	%100
81	M95	X	4.982	4.982	0	%100
82	M95	Z	-2.876	-2.876	0	%100
83	M82A	X	3.717	3.717	0	%100
84	M82A	Z	-2.146	-2.146	0	%100
85	M91B	X	.929	.929	0	%100
86	M91B	Z	-.536	-.536	0	%100
87	M100	X	.749	.749	0	%100
88	M100	Z	-.433	-.433	0	%100
89	M105	X	2.997	2.997	0	%100
90	M105	Z	-1.73	-1.73	0	%100
91	M110	X	.749	.749	0	%100
92	M110	Z	-.433	-.433	0	%100
93	M121	X	2.904	2.904	0	%100
94	M121	Z	-1.677	-1.677	0	%100
95	M122	X	.726	.726	0	%100
96	M122	Z	-.419	-.419	0	%100
97	M123	X	.726	.726	0	%100
98	M123	Z	-.419	-.419	0	%100
99	OVP1	X	2.463	2.463	0	%100
100	OVP1	Z	-1.422	-1.422	0	%100
101	MP3C	X	2.997	2.997	0	%100
102	MP3C	Z	-1.73	-1.73	0	%100
103	MP4C	X	2.997	2.997	0	%100
104	MP4C	Z	-1.73	-1.73	0	%100
105	MP2C	X	3.317	3.317	0	%100
106	MP2C	Z	-1.915	-1.915	0	%100
107	MP1C	X	2.997	2.997	0	%100
108	MP1C	Z	-1.73	-1.73	0	%100
109	MP3B	X	2.997	2.997	0	%100
110	MP3B	Z	-1.73	-1.73	0	%100
111	MP4B	X	2.997	2.997	0	%100
112	MP4B	Z	-1.73	-1.73	0	%100
113	MP2B	X	3.317	3.317	0	%100
114	MP2B	Z	-1.915	-1.915	0	%100
115	MP1B	X	2.997	2.997	0	%100
116	MP1B	Z	-1.73	-1.73	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
117	OVP2	X	2.463	2.463	0	%100
118	OVP2	Z	-1.422	-1.422	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	4.332	4.332	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	3.46	3.46	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	3.46	3.46	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	3.83	3.83	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	3.46	3.46	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	3.047	3.047	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	3.047	3.047	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	5.43	5.43	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	4.134	4.134	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	4.314	4.314	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	5.43	5.43	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	4.134	4.134	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	4.314	4.314	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	1.083	1.083	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	2.647	2.647	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	2.647	2.647	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	4.14	4.14	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	3.047	3.047	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	1.357	1.357	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	4.134	4.134	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	4.314	4.314	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
52	M66	Z	0	0	0	%100
53	M68	X	1.357	1.357	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76A	X	1.083	1.083	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	2.647	2.647	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	2.647	2.647	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	4.14	4.14	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83A	X	3.047	3.047	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	1.357	1.357	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	0	0	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	1.357	1.357	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	4.134	4.134	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	4.314	4.314	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	3.219	3.219	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	3.219	3.219	0	%100
86	M91B	Z	0	0	0	%100
87	M100	X	0	0	0	%100
88	M100	Z	0	0	0	%100
89	M105	X	2.595	2.595	0	%100
90	M105	Z	0	0	0	%100
91	M110	X	2.595	2.595	0	%100
92	M110	Z	0	0	0	%100
93	M121	X	2.515	2.515	0	%100
94	M121	Z	0	0	0	%100
95	M122	X	2.515	2.515	0	%100
96	M122	Z	0	0	0	%100
97	M123	X	0	0	0	%100
98	M123	Z	0	0	0	%100
99	OVP1	X	2.844	2.844	0	%100
100	OVP1	Z	0	0	0	%100
101	MP3C	X	3.46	3.46	0	%100
102	MP3C	Z	0	0	0	%100
103	MP4C	X	3.46	3.46	0	%100
104	MP4C	Z	0	0	0	%100
105	MP2C	X	3.83	3.83	0	%100
106	MP2C	Z	0	0	0	%100
107	MP1C	X	3.46	3.46	0	%100
108	MP1C	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
109	MP3B	X	3.46	3.46	0	%100
110	MP3B	Z	0	0	0	%100
111	MP4B	X	3.46	3.46	0	%100
112	MP4B	Z	0	0	0	%100
113	MP2B	X	3.83	3.83	0	%100
114	MP2B	Z	0	0	0	%100
115	MP1B	X	3.46	3.46	0	%100
116	MP1B	Z	0	0	0	%100
117	OVP2	X	2.844	2.844	0	%100
118	OVP2	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	.929	.929	0	%100
2	M1	Z	.536	.536	0	%100
3	M4	X	2.814	2.814	0	%100
4	M4	Z	1.625	1.625	0	%100
5	M10	X	.764	.764	0	%100
6	M10	Z	.441	.441	0	%100
7	MP3A	X	2.997	2.997	0	%100
8	MP3A	Z	1.73	1.73	0	%100
9	MP4A	X	2.997	2.997	0	%100
10	MP4A	Z	1.73	1.73	0	%100
11	MP2A	X	3.317	3.317	0	%100
12	MP2A	Z	1.915	1.915	0	%100
13	MP1A	X	2.997	2.997	0	%100
14	MP1A	Z	1.73	1.73	0	%100
15	M43	X	.764	.764	0	%100
16	M43	Z	.441	.441	0	%100
17	M46	X	1.195	1.195	0	%100
18	M46	Z	.69	.69	0	%100
19	M51B	X	.879	.879	0	%100
20	M51B	Z	.508	.508	0	%100
21	M52B	X	3.518	3.518	0	%100
22	M52B	Z	2.031	2.031	0	%100
23	M76	X	3.527	3.527	0	%100
24	M76	Z	2.036	2.036	0	%100
25	M77	X	1.193	1.193	0	%100
26	M77	Z	.689	.689	0	%100
27	M80	X	1.245	1.245	0	%100
28	M80	Z	.719	.719	0	%100
29	M84	X	3.527	3.527	0	%100
30	M84	Z	2.036	2.036	0	%100
31	M85	X	4.773	4.773	0	%100
32	M85	Z	2.756	2.756	0	%100
33	M91	X	4.982	4.982	0	%100
34	M91	Z	2.876	2.876	0	%100
35	M52A	X	2.814	2.814	0	%100
36	M52A	Z	1.625	1.625	0	%100
37	M53	X	.764	.764	0	%100
38	M53	Z	.441	.441	0	%100
39	M54	X	.764	.764	0	%100
40	M54	Z	.441	.441	0	%100
41	M55	X	1.195	1.195	0	%100
42	M55	Z	.69	.69	0	%100
43	M58A	X	3.518	3.518	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
44	M58A	Z	2.031	2.031	0	%100
45	M59A	X	.879	.879	0	%100
46	M59A	Z	.508	.508	0	%100
47	M63	X	3.527	3.527	0	%100
48	M63	Z	2.036	2.036	0	%100
49	M64	X	4.773	4.773	0	%100
50	M64	Z	2.756	2.756	0	%100
51	M66	X	4.982	4.982	0	%100
52	M66	Z	2.876	2.876	0	%100
53	M68	X	3.527	3.527	0	%100
54	M68	Z	2.036	2.036	0	%100
55	M69	X	1.193	1.193	0	%100
56	M69	Z	.689	.689	0	%100
57	M71	X	1.245	1.245	0	%100
58	M71	Z	.719	.719	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	3.056	3.056	0	%100
62	M77A	Z	1.765	1.765	0	%100
63	M78	X	3.056	3.056	0	%100
64	M78	Z	1.765	1.765	0	%100
65	M79A	X	4.781	4.781	0	%100
66	M79A	Z	2.76	2.76	0	%100
67	M82	X	.879	.879	0	%100
68	M82	Z	.508	.508	0	%100
69	M83A	X	.879	.879	0	%100
70	M83A	Z	.508	.508	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	1.193	1.193	0	%100
74	M88A	Z	.689	.689	0	%100
75	M90	X	1.245	1.245	0	%100
76	M90	Z	.719	.719	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	1.193	1.193	0	%100
80	M93	Z	.689	.689	0	%100
81	M95	X	1.245	1.245	0	%100
82	M95	Z	.719	.719	0	%100
83	M82A	X	.929	.929	0	%100
84	M82A	Z	.536	.536	0	%100
85	M91B	X	3.717	3.717	0	%100
86	M91B	Z	2.146	2.146	0	%100
87	M100	X	.749	.749	0	%100
88	M100	Z	.433	.433	0	%100
89	M105	X	.749	.749	0	%100
90	M105	Z	.433	.433	0	%100
91	M110	X	2.997	2.997	0	%100
92	M110	Z	1.73	1.73	0	%100
93	M121	X	.726	.726	0	%100
94	M121	Z	.419	.419	0	%100
95	M122	X	2.904	2.904	0	%100
96	M122	Z	1.677	1.677	0	%100
97	M123	X	.726	.726	0	%100
98	M123	Z	.419	.419	0	%100
99	OVP1	X	2.463	2.463	0	%100
100	OVP1	Z	1.422	1.422	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
101	MP3C	X	2.997	2.997	0	%100
102	MP3C	Z	1.73	1.73	0	%100
103	MP4C	X	2.997	2.997	0	%100
104	MP4C	Z	1.73	1.73	0	%100
105	MP2C	X	3.317	3.317	0	%100
106	MP2C	Z	1.915	1.915	0	%100
107	MP1C	X	2.997	2.997	0	%100
108	MP1C	Z	1.73	1.73	0	%100
109	MP3B	X	2.997	2.997	0	%100
110	MP3B	Z	1.73	1.73	0	%100
111	MP4B	X	2.997	2.997	0	%100
112	MP4B	Z	1.73	1.73	0	%100
113	MP2B	X	3.317	3.317	0	%100
114	MP2B	Z	1.915	1.915	0	%100
115	MP1B	X	2.997	2.997	0	%100
116	MP1B	Z	1.73	1.73	0	%100
117	OVP2	X	2.463	2.463	0	%100
118	OVP2	Z	1.422	1.422	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	1.609	1.609	0	%100
2	M1	Z	2.788	2.788	0	%100
3	M4	X	.542	.542	0	%100
4	M4	Z	.938	.938	0	%100
5	M10	X	1.323	1.323	0	%100
6	M10	Z	2.292	2.292	0	%100
7	MP3A	X	1.73	1.73	0	%100
8	MP3A	Z	2.997	2.997	0	%100
9	MP4A	X	1.73	1.73	0	%100
10	MP4A	Z	2.997	2.997	0	%100
11	MP2A	X	1.915	1.915	0	%100
12	MP2A	Z	3.317	3.317	0	%100
13	MP1A	X	1.73	1.73	0	%100
14	MP1A	Z	2.997	2.997	0	%100
15	M43	X	1.323	1.323	0	%100
16	M43	Z	2.292	2.292	0	%100
17	M46	X	2.07	2.07	0	%100
18	M46	Z	3.586	3.586	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	1.523	1.523	0	%100
22	M52B	Z	2.638	2.638	0	%100
23	M76	X	.679	.679	0	%100
24	M76	Z	1.176	1.176	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	.679	.679	0	%100
30	M84	Z	1.176	1.176	0	%100
31	M85	X	2.067	2.067	0	%100
32	M85	Z	3.58	3.58	0	%100
33	M91	X	2.157	2.157	0	%100
34	M91	Z	3.736	3.736	0	%100
35	M52A	X	2.166	2.166	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
36	M52A	Z	3.752	3.752	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	1.523	1.523	0	%100
44	M58A	Z	2.638	2.638	0	%100
45	M59A	X	1.523	1.523	0	%100
46	M59A	Z	2.638	2.638	0	%100
47	M63	X	2.715	2.715	0	%100
48	M63	Z	4.702	4.702	0	%100
49	M64	X	2.067	2.067	0	%100
50	M64	Z	3.58	3.58	0	%100
51	M66	X	2.157	2.157	0	%100
52	M66	Z	3.736	3.736	0	%100
53	M68	X	2.715	2.715	0	%100
54	M68	Z	4.702	4.702	0	%100
55	M69	X	2.067	2.067	0	%100
56	M69	Z	3.58	3.58	0	%100
57	M71	X	2.157	2.157	0	%100
58	M71	Z	3.736	3.736	0	%100
59	M76A	X	.542	.542	0	%100
60	M76A	Z	.938	.938	0	%100
61	M77A	X	1.323	1.323	0	%100
62	M77A	Z	2.292	2.292	0	%100
63	M78	X	1.323	1.323	0	%100
64	M78	Z	2.292	2.292	0	%100
65	M79A	X	2.07	2.07	0	%100
66	M79A	Z	3.586	3.586	0	%100
67	M82	X	1.523	1.523	0	%100
68	M82	Z	2.638	2.638	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	.679	.679	0	%100
72	M87	Z	1.176	1.176	0	%100
73	M88A	X	2.067	2.067	0	%100
74	M88A	Z	3.58	3.58	0	%100
75	M90	X	2.157	2.157	0	%100
76	M90	Z	3.736	3.736	0	%100
77	M92A	X	.679	.679	0	%100
78	M92A	Z	1.176	1.176	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	1.609	1.609	0	%100
86	M91B	Z	2.788	2.788	0	%100
87	M100	X	1.298	1.298	0	%100
88	M100	Z	2.247	2.247	0	%100
89	M105	X	0	0	0	%100
90	M105	Z	0	0	0	%100
91	M110	X	1.298	1.298	0	%100
92	M110	Z	2.247	2.247	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
93	M121	X	0	0	0	%100
94	M121	Z	0	0	0	%100
95	M122	X	1.258	1.258	0	%100
96	M122	Z	2.178	2.178	0	%100
97	M123	X	1.258	1.258	0	%100
98	M123	Z	2.178	2.178	0	%100
99	OVP1	X	1.422	1.422	0	%100
100	OVP1	Z	2.463	2.463	0	%100
101	MP3C	X	1.73	1.73	0	%100
102	MP3C	Z	2.997	2.997	0	%100
103	MP4C	X	1.73	1.73	0	%100
104	MP4C	Z	2.997	2.997	0	%100
105	MP2C	X	1.915	1.915	0	%100
106	MP2C	Z	3.317	3.317	0	%100
107	MP1C	X	1.73	1.73	0	%100
108	MP1C	Z	2.997	2.997	0	%100
109	MP3B	X	1.73	1.73	0	%100
110	MP3B	Z	2.997	2.997	0	%100
111	MP4B	X	1.73	1.73	0	%100
112	MP4B	Z	2.997	2.997	0	%100
113	MP2B	X	1.915	1.915	0	%100
114	MP2B	Z	3.317	3.317	0	%100
115	MP1B	X	1.73	1.73	0	%100
116	MP1B	Z	2.997	2.997	0	%100
117	OVP2	X	1.422	1.422	0	%100
118	OVP2	Z	2.463	2.463	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	0	0	0	%100
2	M1	Z	4.292	4.292	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	3.529	3.529	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	3.46	3.46	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	3.46	3.46	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	3.83	3.83	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	3.46	3.46	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	3.529	3.529	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	5.52	5.52	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	1.016	1.016	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	1.016	1.016	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	1.378	1.378	0	%100
27	M80	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
28	M80	Z	1.438	1.438	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	1.378	1.378	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	1.438	1.438	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	3.249	3.249	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	.882	.882	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	.882	.882	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	1.38	1.38	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	1.016	1.016	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	4.062	4.062	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	4.072	4.072	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	1.378	1.378	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	1.438	1.438	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	4.072	4.072	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	5.512	5.512	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	5.753	5.753	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	3.249	3.249	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	.882	.882	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	.882	.882	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	1.38	1.38	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	4.062	4.062	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	1.016	1.016	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	4.072	4.072	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	5.512	5.512	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	5.753	5.753	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	4.072	4.072	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	1.378	1.378	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	1.438	1.438	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	1.073	1.073	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
85	M91B	X	0	0	0	%100
86	M91B	Z	1.073	1.073	0	%100
87	M100	X	0	0	0	%100
88	M100	Z	3.46	3.46	0	%100
89	M105	X	0	0	0	%100
90	M105	Z	.865	.865	0	%100
91	M110	X	0	0	0	%100
92	M110	Z	.865	.865	0	%100
93	M121	X	0	0	0	%100
94	M121	Z	.838	.838	0	%100
95	M122	X	0	0	0	%100
96	M122	Z	.838	.838	0	%100
97	M123	X	0	0	0	%100
98	M123	Z	3.353	3.353	0	%100
99	OVP1	X	0	0	0	%100
100	OVP1	Z	2.844	2.844	0	%100
101	MP3C	X	0	0	0	%100
102	MP3C	Z	3.46	3.46	0	%100
103	MP4C	X	0	0	0	%100
104	MP4C	Z	3.46	3.46	0	%100
105	MP2C	X	0	0	0	%100
106	MP2C	Z	3.83	3.83	0	%100
107	MP1C	X	0	0	0	%100
108	MP1C	Z	3.46	3.46	0	%100
109	MP3B	X	0	0	0	%100
110	MP3B	Z	3.46	3.46	0	%100
111	MP4B	X	0	0	0	%100
112	MP4B	Z	3.46	3.46	0	%100
113	MP2B	X	0	0	0	%100
114	MP2B	Z	3.83	3.83	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	3.46	3.46	0	%100
117	OVP2	X	0	0	0	%100
118	OVP2	Z	2.844	2.844	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	-1.609	-1.609	0	%100
2	M1	Z	2.788	2.788	0	%100
3	M4	X	-.542	-.542	0	%100
4	M4	Z	.938	.938	0	%100
5	M10	X	-1.323	-1.323	0	%100
6	M10	Z	2.292	2.292	0	%100
7	MP3A	X	-1.73	-1.73	0	%100
8	MP3A	Z	2.997	2.997	0	%100
9	MP4A	X	-1.73	-1.73	0	%100
10	MP4A	Z	2.997	2.997	0	%100
11	MP2A	X	-1.915	-1.915	0	%100
12	MP2A	Z	3.317	3.317	0	%100
13	MP1A	X	-1.73	-1.73	0	%100
14	MP1A	Z	2.997	2.997	0	%100
15	M43	X	-1.323	-1.323	0	%100
16	M43	Z	2.292	2.292	0	%100
17	M46	X	-2.07	-2.07	0	%100
18	M46	Z	3.586	3.586	0	%100
19	M51B	X	-1.523	-1.523	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
20	M51B	Z	2.638	2.638	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.679	-.679	0	%100
24	M76	Z	1.176	1.176	0	%100
25	M77	X	-2.067	-2.067	0	%100
26	M77	Z	3.58	3.58	0	%100
27	M80	X	-2.157	-2.157	0	%100
28	M80	Z	3.736	3.736	0	%100
29	M84	X	-.679	-.679	0	%100
30	M84	Z	1.176	1.176	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	-.542	-.542	0	%100
36	M52A	Z	.938	.938	0	%100
37	M53	X	-1.323	-1.323	0	%100
38	M53	Z	2.292	2.292	0	%100
39	M54	X	-1.323	-1.323	0	%100
40	M54	Z	2.292	2.292	0	%100
41	M55	X	-2.07	-2.07	0	%100
42	M55	Z	3.586	3.586	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	-1.523	-1.523	0	%100
46	M59A	Z	2.638	2.638	0	%100
47	M63	X	-.679	-.679	0	%100
48	M63	Z	1.176	1.176	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	-.679	-.679	0	%100
54	M68	Z	1.176	1.176	0	%100
55	M69	X	-2.067	-2.067	0	%100
56	M69	Z	3.58	3.58	0	%100
57	M71	X	-2.157	-2.157	0	%100
58	M71	Z	3.736	3.736	0	%100
59	M76A	X	-2.166	-2.166	0	%100
60	M76A	Z	3.752	3.752	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	-1.523	-1.523	0	%100
68	M82	Z	2.638	2.638	0	%100
69	M83A	X	-1.523	-1.523	0	%100
70	M83A	Z	2.638	2.638	0	%100
71	M87	X	-2.715	-2.715	0	%100
72	M87	Z	4.702	4.702	0	%100
73	M88A	X	-2.067	-2.067	0	%100
74	M88A	Z	3.58	3.58	0	%100
75	M90	X	-2.157	-2.157	0	%100
76	M90	Z	3.736	3.736	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
77	M92A	X	-2.715	-2.715	0	%100
78	M92A	Z	4.702	4.702	0	%100
79	M93	X	-2.067	-2.067	0	%100
80	M93	Z	3.58	3.58	0	%100
81	M95	X	-2.157	-2.157	0	%100
82	M95	Z	3.736	3.736	0	%100
83	M82A	X	-1.609	-1.609	0	%100
84	M82A	Z	2.788	2.788	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	0	0	0	%100
87	M100	X	-1.298	-1.298	0	%100
88	M100	Z	2.247	2.247	0	%100
89	M105	X	-1.298	-1.298	0	%100
90	M105	Z	2.247	2.247	0	%100
91	M110	X	0	0	0	%100
92	M110	Z	0	0	0	%100
93	M121	X	-1.258	-1.258	0	%100
94	M121	Z	2.178	2.178	0	%100
95	M122	X	0	0	0	%100
96	M122	Z	0	0	0	%100
97	M123	X	-1.258	-1.258	0	%100
98	M123	Z	2.178	2.178	0	%100
99	OVP1	X	-1.422	-1.422	0	%100
100	OVP1	Z	2.463	2.463	0	%100
101	MP3C	X	-1.73	-1.73	0	%100
102	MP3C	Z	2.997	2.997	0	%100
103	MP4C	X	-1.73	-1.73	0	%100
104	MP4C	Z	2.997	2.997	0	%100
105	MP2C	X	-1.915	-1.915	0	%100
106	MP2C	Z	3.317	3.317	0	%100
107	MP1C	X	-1.73	-1.73	0	%100
108	MP1C	Z	2.997	2.997	0	%100
109	MP3B	X	-1.73	-1.73	0	%100
110	MP3B	Z	2.997	2.997	0	%100
111	MP4B	X	-1.73	-1.73	0	%100
112	MP4B	Z	2.997	2.997	0	%100
113	MP2B	X	-1.915	-1.915	0	%100
114	MP2B	Z	3.317	3.317	0	%100
115	MP1B	X	-1.73	-1.73	0	%100
116	MP1B	Z	2.997	2.997	0	%100
117	OVP2	X	-1.422	-1.422	0	%100
118	OVP2	Z	2.463	2.463	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	-.929	-.929	0	%100
2	M1	Z	.536	.536	0	%100
3	M4	X	-2.814	-2.814	0	%100
4	M4	Z	1.625	1.625	0	%100
5	M10	X	-.764	-.764	0	%100
6	M10	Z	.441	.441	0	%100
7	MP3A	X	-2.997	-2.997	0	%100
8	MP3A	Z	1.73	1.73	0	%100
9	MP4A	X	-2.997	-2.997	0	%100
10	MP4A	Z	1.73	1.73	0	%100
11	MP2A	X	-3.317	-3.317	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
12	MP2A	Z	1.915	1.915	0	%100
13	MP1A	X	-2.997	-2.997	0	%100
14	MP1A	Z	1.73	1.73	0	%100
15	M43	X	-.764	-.764	0	%100
16	M43	Z	.441	.441	0	%100
17	M46	X	-1.195	-1.195	0	%100
18	M46	Z	.69	.69	0	%100
19	M51B	X	-3.518	-3.518	0	%100
20	M51B	Z	2.031	2.031	0	%100
21	M52B	X	-.879	-.879	0	%100
22	M52B	Z	.508	.508	0	%100
23	M76	X	-3.527	-3.527	0	%100
24	M76	Z	2.036	2.036	0	%100
25	M77	X	-4.773	-4.773	0	%100
26	M77	Z	2.756	2.756	0	%100
27	M80	X	-4.982	-4.982	0	%100
28	M80	Z	2.876	2.876	0	%100
29	M84	X	-3.527	-3.527	0	%100
30	M84	Z	2.036	2.036	0	%100
31	M85	X	-1.193	-1.193	0	%100
32	M85	Z	.689	.689	0	%100
33	M91	X	-1.245	-1.245	0	%100
34	M91	Z	.719	.719	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	-3.056	-3.056	0	%100
38	M53	Z	1.765	1.765	0	%100
39	M54	X	-3.056	-3.056	0	%100
40	M54	Z	1.765	1.765	0	%100
41	M55	X	-4.781	-4.781	0	%100
42	M55	Z	2.76	2.76	0	%100
43	M58A	X	-.879	-.879	0	%100
44	M58A	Z	.508	.508	0	%100
45	M59A	X	-.879	-.879	0	%100
46	M59A	Z	.508	.508	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-1.193	-1.193	0	%100
50	M64	Z	.689	.689	0	%100
51	M66	X	-1.245	-1.245	0	%100
52	M66	Z	.719	.719	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	-1.193	-1.193	0	%100
56	M69	Z	.689	.689	0	%100
57	M71	X	-1.245	-1.245	0	%100
58	M71	Z	.719	.719	0	%100
59	M76A	X	-2.814	-2.814	0	%100
60	M76A	Z	1.625	1.625	0	%100
61	M77A	X	-.764	-.764	0	%100
62	M77A	Z	.441	.441	0	%100
63	M78	X	-.764	-.764	0	%100
64	M78	Z	.441	.441	0	%100
65	M79A	X	-1.195	-1.195	0	%100
66	M79A	Z	.69	.69	0	%100
67	M82	X	-.879	-.879	0	%100
68	M82	Z	.508	.508	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
69	M83A	X	-3.518	-3.518	0	%100
70	M83A	Z	2.031	2.031	0	%100
71	M87	X	-3.527	-3.527	0	%100
72	M87	Z	2.036	2.036	0	%100
73	M88A	X	-1.193	-1.193	0	%100
74	M88A	Z	.689	.689	0	%100
75	M90	X	-1.245	-1.245	0	%100
76	M90	Z	.719	.719	0	%100
77	M92A	X	-3.527	-3.527	0	%100
78	M92A	Z	2.036	2.036	0	%100
79	M93	X	-4.773	-4.773	0	%100
80	M93	Z	2.756	2.756	0	%100
81	M95	X	-4.982	-4.982	0	%100
82	M95	Z	2.876	2.876	0	%100
83	M82A	X	-3.717	-3.717	0	%100
84	M82A	Z	2.146	2.146	0	%100
85	M91B	X	-.929	-.929	0	%100
86	M91B	Z	.536	.536	0	%100
87	M100	X	-.749	-.749	0	%100
88	M100	Z	.433	.433	0	%100
89	M105	X	-2.997	-2.997	0	%100
90	M105	Z	1.73	1.73	0	%100
91	M110	X	-.749	-.749	0	%100
92	M110	Z	.433	.433	0	%100
93	M121	X	-2.904	-2.904	0	%100
94	M121	Z	1.677	1.677	0	%100
95	M122	X	-.726	-.726	0	%100
96	M122	Z	.419	.419	0	%100
97	M123	X	-.726	-.726	0	%100
98	M123	Z	.419	.419	0	%100
99	OVP1	X	-2.463	-2.463	0	%100
100	OVP1	Z	1.422	1.422	0	%100
101	MP3C	X	-2.997	-2.997	0	%100
102	MP3C	Z	1.73	1.73	0	%100
103	MP4C	X	-2.997	-2.997	0	%100
104	MP4C	Z	1.73	1.73	0	%100
105	MP2C	X	-3.317	-3.317	0	%100
106	MP2C	Z	1.915	1.915	0	%100
107	MP1C	X	-2.997	-2.997	0	%100
108	MP1C	Z	1.73	1.73	0	%100
109	MP3B	X	-2.997	-2.997	0	%100
110	MP3B	Z	1.73	1.73	0	%100
111	MP4B	X	-2.997	-2.997	0	%100
112	MP4B	Z	1.73	1.73	0	%100
113	MP2B	X	-3.317	-3.317	0	%100
114	MP2B	Z	1.915	1.915	0	%100
115	MP1B	X	-2.997	-2.997	0	%100
116	MP1B	Z	1.73	1.73	0	%100
117	OVP2	X	-2.463	-2.463	0	%100
118	OVP2	Z	1.422	1.422	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-4.332	-4.332	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-3.46	-3.46	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-3.46	-3.46	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-3.83	-3.83	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-3.46	-3.46	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-3.047	-3.047	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-3.047	-3.047	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-5.43	-5.43	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-4.134	-4.134	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-4.314	-4.314	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-5.43	-5.43	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-4.134	-4.134	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-4.314	-4.314	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	-1.083	-1.083	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	-2.647	-2.647	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	-2.647	-2.647	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	-4.14	-4.14	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	-3.047	-3.047	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	-1.357	-1.357	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-4.134	-4.134	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	-4.314	-4.314	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	-1.357	-1.357	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76A	X	-1.083	-1.083	0	%100
60	M76A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
61	M77A	X	-2.647	-2.647	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	-2.647	-2.647	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	-4.14	-4.14	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83A	X	-3.047	-3.047	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	-1.357	-1.357	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	0	0	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	-1.357	-1.357	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-4.134	-4.134	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	-4.314	-4.314	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	-3.219	-3.219	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	-3.219	-3.219	0	%100
86	M91B	Z	0	0	0	%100
87	M100	X	0	0	0	%100
88	M100	Z	0	0	0	%100
89	M105	X	-2.595	-2.595	0	%100
90	M105	Z	0	0	0	%100
91	M110	X	-2.595	-2.595	0	%100
92	M110	Z	0	0	0	%100
93	M121	X	-2.515	-2.515	0	%100
94	M121	Z	0	0	0	%100
95	M122	X	-2.515	-2.515	0	%100
96	M122	Z	0	0	0	%100
97	M123	X	0	0	0	%100
98	M123	Z	0	0	0	%100
99	OVP1	X	-2.844	-2.844	0	%100
100	OVP1	Z	0	0	0	%100
101	MP3C	X	-3.46	-3.46	0	%100
102	MP3C	Z	0	0	0	%100
103	MP4C	X	-3.46	-3.46	0	%100
104	MP4C	Z	0	0	0	%100
105	MP2C	X	-3.83	-3.83	0	%100
106	MP2C	Z	0	0	0	%100
107	MP1C	X	-3.46	-3.46	0	%100
108	MP1C	Z	0	0	0	%100
109	MP3B	X	-3.46	-3.46	0	%100
110	MP3B	Z	0	0	0	%100
111	MP4B	X	-3.46	-3.46	0	%100
112	MP4B	Z	0	0	0	%100
113	MP2B	X	-3.83	-3.83	0	%100
114	MP2B	Z	0	0	0	%100
115	MP1B	X	-3.46	-3.46	0	%100
116	MP1B	Z	0	0	0	%100
117	OVP2	X	-2.844	-2.844	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
118	OVP2	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	-.929	-.929	0	%100
2	M1	Z	-.536	-.536	0	%100
3	M4	X	-2.814	-2.814	0	%100
4	M4	Z	-1.625	-1.625	0	%100
5	M10	X	-.764	-.764	0	%100
6	M10	Z	-.441	-.441	0	%100
7	MP3A	X	-2.997	-2.997	0	%100
8	MP3A	Z	-1.73	-1.73	0	%100
9	MP4A	X	-2.997	-2.997	0	%100
10	MP4A	Z	-1.73	-1.73	0	%100
11	MP2A	X	-3.317	-3.317	0	%100
12	MP2A	Z	-1.915	-1.915	0	%100
13	MP1A	X	-2.997	-2.997	0	%100
14	MP1A	Z	-1.73	-1.73	0	%100
15	M43	X	-.764	-.764	0	%100
16	M43	Z	-.441	-.441	0	%100
17	M46	X	-1.195	-1.195	0	%100
18	M46	Z	-.69	-.69	0	%100
19	M51B	X	-.879	-.879	0	%100
20	M51B	Z	-.508	-.508	0	%100
21	M52B	X	-3.518	-3.518	0	%100
22	M52B	Z	-2.031	-2.031	0	%100
23	M76	X	-3.527	-3.527	0	%100
24	M76	Z	-2.036	-2.036	0	%100
25	M77	X	-1.193	-1.193	0	%100
26	M77	Z	-.689	-.689	0	%100
27	M80	X	-1.245	-1.245	0	%100
28	M80	Z	-.719	-.719	0	%100
29	M84	X	-3.527	-3.527	0	%100
30	M84	Z	-2.036	-2.036	0	%100
31	M85	X	-4.773	-4.773	0	%100
32	M85	Z	-2.756	-2.756	0	%100
33	M91	X	-4.982	-4.982	0	%100
34	M91	Z	-2.876	-2.876	0	%100
35	M52A	X	-2.814	-2.814	0	%100
36	M52A	Z	-1.625	-1.625	0	%100
37	M53	X	-.764	-.764	0	%100
38	M53	Z	-.441	-.441	0	%100
39	M54	X	-.764	-.764	0	%100
40	M54	Z	-.441	-.441	0	%100
41	M55	X	-1.195	-1.195	0	%100
42	M55	Z	-.69	-.69	0	%100
43	M58A	X	-3.518	-3.518	0	%100
44	M58A	Z	-2.031	-2.031	0	%100
45	M59A	X	-.879	-.879	0	%100
46	M59A	Z	-.508	-.508	0	%100
47	M63	X	-3.527	-3.527	0	%100
48	M63	Z	-2.036	-2.036	0	%100
49	M64	X	-4.773	-4.773	0	%100
50	M64	Z	-2.756	-2.756	0	%100
51	M66	X	-4.982	-4.982	0	%100
52	M66	Z	-2.876	-2.876	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
53	M68	X	-3.527	-3.527	0	%100
54	M68	Z	-2.036	-2.036	0	%100
55	M69	X	-1.193	-1.193	0	%100
56	M69	Z	-.689	-.689	0	%100
57	M71	X	-1.245	-1.245	0	%100
58	M71	Z	-.719	-.719	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	-3.056	-3.056	0	%100
62	M77A	Z	-1.765	-1.765	0	%100
63	M78	X	-3.056	-3.056	0	%100
64	M78	Z	-1.765	-1.765	0	%100
65	M79A	X	-4.781	-4.781	0	%100
66	M79A	Z	-2.76	-2.76	0	%100
67	M82	X	-.879	-.879	0	%100
68	M82	Z	-.508	-.508	0	%100
69	M83A	X	-.879	-.879	0	%100
70	M83A	Z	-.508	-.508	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	-1.193	-1.193	0	%100
74	M88A	Z	-.689	-.689	0	%100
75	M90	X	-1.245	-1.245	0	%100
76	M90	Z	-.719	-.719	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-1.193	-1.193	0	%100
80	M93	Z	-.689	-.689	0	%100
81	M95	X	-1.245	-1.245	0	%100
82	M95	Z	-.719	-.719	0	%100
83	M82A	X	-.929	-.929	0	%100
84	M82A	Z	-.536	-.536	0	%100
85	M91B	X	-3.717	-3.717	0	%100
86	M91B	Z	-2.146	-2.146	0	%100
87	M100	X	-.749	-.749	0	%100
88	M100	Z	-.433	-.433	0	%100
89	M105	X	-.749	-.749	0	%100
90	M105	Z	-.433	-.433	0	%100
91	M110	X	-2.997	-2.997	0	%100
92	M110	Z	-1.73	-1.73	0	%100
93	M121	X	-.726	-.726	0	%100
94	M121	Z	-.419	-.419	0	%100
95	M122	X	-2.904	-2.904	0	%100
96	M122	Z	-1.677	-1.677	0	%100
97	M123	X	-.726	-.726	0	%100
98	M123	Z	-.419	-.419	0	%100
99	OVP1	X	-2.463	-2.463	0	%100
100	OVP1	Z	-1.422	-1.422	0	%100
101	MP3C	X	-2.997	-2.997	0	%100
102	MP3C	Z	-1.73	-1.73	0	%100
103	MP4C	X	-2.997	-2.997	0	%100
104	MP4C	Z	-1.73	-1.73	0	%100
105	MP2C	X	-3.317	-3.317	0	%100
106	MP2C	Z	-1.915	-1.915	0	%100
107	MP1C	X	-2.997	-2.997	0	%100
108	MP1C	Z	-1.73	-1.73	0	%100
109	MP3B	X	-2.997	-2.997	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
110	MP3B	Z	-1.73	-1.73	0	%100
111	MP4B	X	-2.997	-2.997	0	%100
112	MP4B	Z	-1.73	-1.73	0	%100
113	MP2B	X	-3.317	-3.317	0	%100
114	MP2B	Z	-1.915	-1.915	0	%100
115	MP1B	X	-2.997	-2.997	0	%100
116	MP1B	Z	-1.73	-1.73	0	%100
117	OVP2	X	-2.463	-2.463	0	%100
118	OVP2	Z	-1.422	-1.422	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	-1.609	-1.609	0	%100
2	M1	Z	-2.788	-2.788	0	%100
3	M4	X	-.542	-.542	0	%100
4	M4	Z	-.938	-.938	0	%100
5	M10	X	-1.323	-1.323	0	%100
6	M10	Z	-2.292	-2.292	0	%100
7	MP3A	X	-1.73	-1.73	0	%100
8	MP3A	Z	-2.997	-2.997	0	%100
9	MP4A	X	-1.73	-1.73	0	%100
10	MP4A	Z	-2.997	-2.997	0	%100
11	MP2A	X	-1.915	-1.915	0	%100
12	MP2A	Z	-3.317	-3.317	0	%100
13	MP1A	X	-1.73	-1.73	0	%100
14	MP1A	Z	-2.997	-2.997	0	%100
15	M43	X	-1.323	-1.323	0	%100
16	M43	Z	-2.292	-2.292	0	%100
17	M46	X	-2.07	-2.07	0	%100
18	M46	Z	-3.586	-3.586	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-1.523	-1.523	0	%100
22	M52B	Z	-2.638	-2.638	0	%100
23	M76	X	-.679	-.679	0	%100
24	M76	Z	-1.176	-1.176	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-.679	-.679	0	%100
30	M84	Z	-1.176	-1.176	0	%100
31	M85	X	-2.067	-2.067	0	%100
32	M85	Z	-3.58	-3.58	0	%100
33	M91	X	-2.157	-2.157	0	%100
34	M91	Z	-3.736	-3.736	0	%100
35	M52A	X	-2.166	-2.166	0	%100
36	M52A	Z	-3.752	-3.752	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	-1.523	-1.523	0	%100
44	M58A	Z	-2.638	-2.638	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
45	M59A	X	-1.523	-1.523	0	%100
46	M59A	Z	-2.638	-2.638	0	%100
47	M63	X	-2.715	-2.715	0	%100
48	M63	Z	-4.702	-4.702	0	%100
49	M64	X	-2.067	-2.067	0	%100
50	M64	Z	-3.58	-3.58	0	%100
51	M66	X	-2.157	-2.157	0	%100
52	M66	Z	-3.736	-3.736	0	%100
53	M68	X	-2.715	-2.715	0	%100
54	M68	Z	-4.702	-4.702	0	%100
55	M69	X	-2.067	-2.067	0	%100
56	M69	Z	-3.58	-3.58	0	%100
57	M71	X	-2.157	-2.157	0	%100
58	M71	Z	-3.736	-3.736	0	%100
59	M76A	X	-.542	-.542	0	%100
60	M76A	Z	-.938	-.938	0	%100
61	M77A	X	-1.323	-1.323	0	%100
62	M77A	Z	-2.292	-2.292	0	%100
63	M78	X	-1.323	-1.323	0	%100
64	M78	Z	-2.292	-2.292	0	%100
65	M79A	X	-2.07	-2.07	0	%100
66	M79A	Z	-3.586	-3.586	0	%100
67	M82	X	-1.523	-1.523	0	%100
68	M82	Z	-2.638	-2.638	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	-.679	-.679	0	%100
72	M87	Z	-1.176	-1.176	0	%100
73	M88A	X	-2.067	-2.067	0	%100
74	M88A	Z	-3.58	-3.58	0	%100
75	M90	X	-2.157	-2.157	0	%100
76	M90	Z	-3.736	-3.736	0	%100
77	M92A	X	-.679	-.679	0	%100
78	M92A	Z	-1.176	-1.176	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	-1.609	-1.609	0	%100
86	M91B	Z	-2.788	-2.788	0	%100
87	M100	X	-1.298	-1.298	0	%100
88	M100	Z	-2.247	-2.247	0	%100
89	M105	X	0	0	0	%100
90	M105	Z	0	0	0	%100
91	M110	X	-1.298	-1.298	0	%100
92	M110	Z	-2.247	-2.247	0	%100
93	M121	X	0	0	0	%100
94	M121	Z	0	0	0	%100
95	M122	X	-1.258	-1.258	0	%100
96	M122	Z	-2.178	-2.178	0	%100
97	M123	X	-1.258	-1.258	0	%100
98	M123	Z	-2.178	-2.178	0	%100
99	OVP1	X	-1.422	-1.422	0	%100
100	OVP1	Z	-2.463	-2.463	0	%100
101	MP3C	X	-1.73	-1.73	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
102	MP3C	Z	-2.997	-2.997	0	%100
103	MP4C	X	-1.73	-1.73	0	%100
104	MP4C	Z	-2.997	-2.997	0	%100
105	MP2C	X	-1.915	-1.915	0	%100
106	MP2C	Z	-3.317	-3.317	0	%100
107	MP1C	X	-1.73	-1.73	0	%100
108	MP1C	Z	-2.997	-2.997	0	%100
109	MP3B	X	-1.73	-1.73	0	%100
110	MP3B	Z	-2.997	-2.997	0	%100
111	MP4B	X	-1.73	-1.73	0	%100
112	MP4B	Z	-2.997	-2.997	0	%100
113	MP2B	X	-1.915	-1.915	0	%100
114	MP2B	Z	-3.317	-3.317	0	%100
115	MP1B	X	-1.73	-1.73	0	%100
116	MP1B	Z	-2.997	-2.997	0	%100
117	OVP2	X	-1.422	-1.422	0	%100
118	OVP2	Z	-2.463	-2.463	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	0	0	0	%100
2	M1	Z	-.844	-.844	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-.801	-.801	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-.632	-.632	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-.632	-.632	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-.765	-.765	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-.632	-.632	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-.801	-.801	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-1.597	-1.597	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-.222	-.222	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-.222	-.222	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-.407	-.407	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-.428	-.428	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-.407	-.407	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-.428	-.428	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	-.71	-.71	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
37	M53	X	0	0	0	%100
38	M53	Z	-.2	-.2	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	-.2	-.2	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	-.399	-.399	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	-.222	-.222	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	-.887	-.887	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	-1.198	-1.198	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	-.407	-.407	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	-.428	-.428	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	-1.198	-1.198	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	-1.626	-1.626	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	-1.713	-1.713	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	-.71	-.71	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	-.2	-.2	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	-.2	-.2	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	-.399	-.399	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	-.887	-.887	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	-.222	-.222	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	-1.198	-1.198	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	-1.626	-1.626	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	-1.713	-1.713	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	-1.198	-1.198	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	-.407	-.407	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	-.428	-.428	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	-.211	-.211	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	-.211	-.211	0	%100
87	M100	X	0	0	0	%100
88	M100	Z	-.632	-.632	0	%100
89	M105	X	0	0	0	%100
90	M105	Z	-.158	-.158	0	%100
91	M110	X	0	0	0	%100
92	M110	Z	-.158	-.158	0	%100
93	M121	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
94	M121	Z	-.196	-.196	0	%100
95	M122	X	0	0	0	%100
96	M122	Z	-.196	-.196	0	%100
97	M123	X	0	0	0	%100
98	M123	Z	-.785	-.785	0	%100
99	OVP1	X	0	0	0	%100
100	OVP1	Z	-.517	-.517	0	%100
101	MP3C	X	0	0	0	%100
102	MP3C	Z	-.632	-.632	0	%100
103	MP4C	X	0	0	0	%100
104	MP4C	Z	-.632	-.632	0	%100
105	MP2C	X	0	0	0	%100
106	MP2C	Z	-.765	-.765	0	%100
107	MP1C	X	0	0	0	%100
108	MP1C	Z	-.632	-.632	0	%100
109	MP3B	X	0	0	0	%100
110	MP3B	Z	-.632	-.632	0	%100
111	MP4B	X	0	0	0	%100
112	MP4B	Z	-.632	-.632	0	%100
113	MP2B	X	0	0	0	%100
114	MP2B	Z	-.765	-.765	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	-.632	-.632	0	%100
117	OVP2	X	0	0	0	%100
118	OVP2	Z	-.517	-.517	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	.316	.316	0	%100
2	M1	Z	-.548	-.548	0	%100
3	M4	X	.118	.118	0	%100
4	M4	Z	-.205	-.205	0	%100
5	M10	X	.3	.3	0	%100
6	M10	Z	-.52	-.52	0	%100
7	MP3A	X	.316	.316	0	%100
8	MP3A	Z	-.547	-.547	0	%100
9	MP4A	X	.316	.316	0	%100
10	MP4A	Z	-.547	-.547	0	%100
11	MP2A	X	.383	.383	0	%100
12	MP2A	Z	-.663	-.663	0	%100
13	MP1A	X	.316	.316	0	%100
14	MP1A	Z	-.547	-.547	0	%100
15	M43	X	.3	.3	0	%100
16	M43	Z	-.52	-.52	0	%100
17	M46	X	.599	.599	0	%100
18	M46	Z	-1.037	-1.037	0	%100
19	M51B	X	.333	.333	0	%100
20	M51B	Z	-.576	-.576	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	.2	.2	0	%100
24	M76	Z	-.346	-.346	0	%100
25	M77	X	.61	.61	0	%100
26	M77	Z	-1.056	-1.056	0	%100
27	M80	X	.642	.642	0	%100
28	M80	Z	-1.113	-1.113	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
29	M84	X	.2	.2	0	%100
30	M84	Z	-.346	-.346	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	.118	.118	0	%100
36	M52A	Z	-.205	-.205	0	%100
37	M53	X	.3	.3	0	%100
38	M53	Z	-.52	-.52	0	%100
39	M54	X	.3	.3	0	%100
40	M54	Z	-.52	-.52	0	%100
41	M55	X	.599	.599	0	%100
42	M55	Z	-1.037	-1.037	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	.333	.333	0	%100
46	M59A	Z	-.576	-.576	0	%100
47	M63	X	.2	.2	0	%100
48	M63	Z	-.346	-.346	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	.2	.2	0	%100
54	M68	Z	-.346	-.346	0	%100
55	M69	X	.61	.61	0	%100
56	M69	Z	-1.056	-1.056	0	%100
57	M71	X	.642	.642	0	%100
58	M71	Z	-1.113	-1.113	0	%100
59	M76A	X	.473	.473	0	%100
60	M76A	Z	-.819	-.819	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	.333	.333	0	%100
68	M82	Z	-.576	-.576	0	%100
69	M83A	X	.333	.333	0	%100
70	M83A	Z	-.576	-.576	0	%100
71	M87	X	.798	.798	0	%100
72	M87	Z	-1.383	-1.383	0	%100
73	M88A	X	.61	.61	0	%100
74	M88A	Z	-1.056	-1.056	0	%100
75	M90	X	.642	.642	0	%100
76	M90	Z	-1.113	-1.113	0	%100
77	M92A	X	.798	.798	0	%100
78	M92A	Z	-1.383	-1.383	0	%100
79	M93	X	.61	.61	0	%100
80	M93	Z	-1.056	-1.056	0	%100
81	M95	X	.642	.642	0	%100
82	M95	Z	-1.113	-1.113	0	%100
83	M82A	X	.316	.316	0	%100
84	M82A	Z	-.548	-.548	0	%100
85	M91B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
86	M91B	Z	0	0	0	%100
87	M100	X	.237	.237	0	%100
88	M100	Z	-.411	-.411	0	%100
89	M105	X	.237	.237	0	%100
90	M105	Z	-.411	-.411	0	%100
91	M110	X	0	0	0	%100
92	M110	Z	0	0	0	%100
93	M121	X	.295	.295	0	%100
94	M121	Z	-.51	-.51	0	%100
95	M122	X	0	0	0	%100
96	M122	Z	0	0	0	%100
97	M123	X	.295	.295	0	%100
98	M123	Z	-.51	-.51	0	%100
99	OVP1	X	.258	.258	0	%100
100	OVP1	Z	-.448	-.448	0	%100
101	MP3C	X	.316	.316	0	%100
102	MP3C	Z	-.547	-.547	0	%100
103	MP4C	X	.316	.316	0	%100
104	MP4C	Z	-.547	-.547	0	%100
105	MP2C	X	.383	.383	0	%100
106	MP2C	Z	-.663	-.663	0	%100
107	MP1C	X	.316	.316	0	%100
108	MP1C	Z	-.547	-.547	0	%100
109	MP3B	X	.316	.316	0	%100
110	MP3B	Z	-.547	-.547	0	%100
111	MP4B	X	.316	.316	0	%100
112	MP4B	Z	-.547	-.547	0	%100
113	MP2B	X	.383	.383	0	%100
114	MP2B	Z	-.663	-.663	0	%100
115	MP1B	X	.316	.316	0	%100
116	MP1B	Z	-.547	-.547	0	%100
117	OVP2	X	.258	.258	0	%100
118	OVP2	Z	-.448	-.448	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	.183	.183	0	%100
2	M1	Z	-.105	-.105	0	%100
3	M4	X	.615	.615	0	%100
4	M4	Z	-.355	-.355	0	%100
5	M10	X	.173	.173	0	%100
6	M10	Z	-.1	-.1	0	%100
7	MP3A	X	.547	.547	0	%100
8	MP3A	Z	-.316	-.316	0	%100
9	MP4A	X	.547	.547	0	%100
10	MP4A	Z	-.316	-.316	0	%100
11	MP2A	X	.663	.663	0	%100
12	MP2A	Z	-.383	-.383	0	%100
13	MP1A	X	.547	.547	0	%100
14	MP1A	Z	-.316	-.316	0	%100
15	M43	X	.173	.173	0	%100
16	M43	Z	-.1	-.1	0	%100
17	M46	X	.346	.346	0	%100
18	M46	Z	-.2	-.2	0	%100
19	M51B	X	.768	.768	0	%100
20	M51B	Z	-.443	-.443	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
21	M52B	X	.192	.192	0	%100
22	M52B	Z	-.111	-.111	0	%100
23	M76	X	1.037	1.037	0	%100
24	M76	Z	-.599	-.599	0	%100
25	M77	X	1.408	1.408	0	%100
26	M77	Z	-.813	-.813	0	%100
27	M80	X	1.484	1.484	0	%100
28	M80	Z	-.857	-.857	0	%100
29	M84	X	1.037	1.037	0	%100
30	M84	Z	-.599	-.599	0	%100
31	M85	X	.352	.352	0	%100
32	M85	Z	-.203	-.203	0	%100
33	M91	X	.371	.371	0	%100
34	M91	Z	-.214	-.214	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	.693	.693	0	%100
38	M53	Z	-.4	-.4	0	%100
39	M54	X	.693	.693	0	%100
40	M54	Z	-.4	-.4	0	%100
41	M55	X	1.383	1.383	0	%100
42	M55	Z	-.798	-.798	0	%100
43	M58A	X	.192	.192	0	%100
44	M58A	Z	-.111	-.111	0	%100
45	M59A	X	.192	.192	0	%100
46	M59A	Z	-.111	-.111	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	.352	.352	0	%100
50	M64	Z	-.203	-.203	0	%100
51	M66	X	.371	.371	0	%100
52	M66	Z	-.214	-.214	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	.352	.352	0	%100
56	M69	Z	-.203	-.203	0	%100
57	M71	X	.371	.371	0	%100
58	M71	Z	-.214	-.214	0	%100
59	M76A	X	.615	.615	0	%100
60	M76A	Z	-.355	-.355	0	%100
61	M77A	X	.173	.173	0	%100
62	M77A	Z	-.1	-.1	0	%100
63	M78	X	.173	.173	0	%100
64	M78	Z	-.1	-.1	0	%100
65	M79A	X	.346	.346	0	%100
66	M79A	Z	-.2	-.2	0	%100
67	M82	X	.192	.192	0	%100
68	M82	Z	-.111	-.111	0	%100
69	M83A	X	.768	.768	0	%100
70	M83A	Z	-.443	-.443	0	%100
71	M87	X	1.037	1.037	0	%100
72	M87	Z	-.599	-.599	0	%100
73	M88A	X	.352	.352	0	%100
74	M88A	Z	-.203	-.203	0	%100
75	M90	X	.371	.371	0	%100
76	M90	Z	-.214	-.214	0	%100
77	M92A	X	1.037	1.037	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
78	M92A	Z	-.599	-.599	0	%100
79	M93	X	1.408	1.408	0	%100
80	M93	Z	-.813	-.813	0	%100
81	M95	X	1.484	1.484	0	%100
82	M95	Z	-.857	-.857	0	%100
83	M82A	X	.731	.731	0	%100
84	M82A	Z	-.422	-.422	0	%100
85	M91B	X	.183	.183	0	%100
86	M91B	Z	-.105	-.105	0	%100
87	M100	X	.137	.137	0	%100
88	M100	Z	-.079	-.079	0	%100
89	M105	X	.547	.547	0	%100
90	M105	Z	-.316	-.316	0	%100
91	M110	X	.137	.137	0	%100
92	M110	Z	-.079	-.079	0	%100
93	M121	X	.68	.68	0	%100
94	M121	Z	-.393	-.393	0	%100
95	M122	X	.17	.17	0	%100
96	M122	Z	-.098	-.098	0	%100
97	M123	X	.17	.17	0	%100
98	M123	Z	-.098	-.098	0	%100
99	OVP1	X	.448	.448	0	%100
100	OVP1	Z	-.258	-.258	0	%100
101	MP3C	X	.547	.547	0	%100
102	MP3C	Z	-.316	-.316	0	%100
103	MP4C	X	.547	.547	0	%100
104	MP4C	Z	-.316	-.316	0	%100
105	MP2C	X	.663	.663	0	%100
106	MP2C	Z	-.383	-.383	0	%100
107	MP1C	X	.547	.547	0	%100
108	MP1C	Z	-.316	-.316	0	%100
109	MP3B	X	.547	.547	0	%100
110	MP3B	Z	-.316	-.316	0	%100
111	MP4B	X	.547	.547	0	%100
112	MP4B	Z	-.316	-.316	0	%100
113	MP2B	X	.663	.663	0	%100
114	MP2B	Z	-.383	-.383	0	%100
115	MP1B	X	.547	.547	0	%100
116	MP1B	Z	-.316	-.316	0	%100
117	OVP2	X	.448	.448	0	%100
118	OVP2	Z	-.258	-.258	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	.946	.946	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	.632	.632	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	.632	.632	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	.765	.765	0	%100
12	MP2A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
13	MP1A	X	.632	.632	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	.665	.665	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.665	.665	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	1.597	1.597	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	1.22	1.22	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	1.285	1.285	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	1.597	1.597	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	1.22	1.22	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	1.285	1.285	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	.237	.237	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	.6	.6	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	.6	.6	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	1.198	1.198	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	.665	.665	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	.399	.399	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	1.22	1.22	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	1.285	1.285	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	.399	.399	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76A	X	.237	.237	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	.6	.6	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	.6	.6	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	1.198	1.198	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83A	X	.665	.665	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
70	M83A	Z	0	0	0	%100
71	M87	X	.399	.399	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	0	0	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	.399	.399	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	1.22	1.22	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	1.285	1.285	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	.633	.633	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	.633	.633	0	%100
86	M91B	Z	0	0	0	%100
87	M100	X	0	0	0	%100
88	M100	Z	0	0	0	%100
89	M105	X	.474	.474	0	%100
90	M105	Z	0	0	0	%100
91	M110	X	.474	.474	0	%100
92	M110	Z	0	0	0	%100
93	M121	X	.589	.589	0	%100
94	M121	Z	0	0	0	%100
95	M122	X	.589	.589	0	%100
96	M122	Z	0	0	0	%100
97	M123	X	0	0	0	%100
98	M123	Z	0	0	0	%100
99	OVP1	X	.517	.517	0	%100
100	OVP1	Z	0	0	0	%100
101	MP3C	X	.632	.632	0	%100
102	MP3C	Z	0	0	0	%100
103	MP4C	X	.632	.632	0	%100
104	MP4C	Z	0	0	0	%100
105	MP2C	X	.765	.765	0	%100
106	MP2C	Z	0	0	0	%100
107	MP1C	X	.632	.632	0	%100
108	MP1C	Z	0	0	0	%100
109	MP3B	X	.632	.632	0	%100
110	MP3B	Z	0	0	0	%100
111	MP4B	X	.632	.632	0	%100
112	MP4B	Z	0	0	0	%100
113	MP2B	X	.765	.765	0	%100
114	MP2B	Z	0	0	0	%100
115	MP1B	X	.632	.632	0	%100
116	MP1B	Z	0	0	0	%100
117	OVP2	X	.517	.517	0	%100
118	OVP2	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	.183	.183	0	%100
2	M1	Z	.105	.105	0	%100
3	M4	X	.615	.615	0	%100
4	M4	Z	.355	.355	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
5	M10	X	.173	.173	0	%100
6	M10	Z	.1	.1	0	%100
7	MP3A	X	.547	.547	0	%100
8	MP3A	Z	.316	.316	0	%100
9	MP4A	X	.547	.547	0	%100
10	MP4A	Z	.316	.316	0	%100
11	MP2A	X	.663	.663	0	%100
12	MP2A	Z	.383	.383	0	%100
13	MP1A	X	.547	.547	0	%100
14	MP1A	Z	.316	.316	0	%100
15	M43	X	.173	.173	0	%100
16	M43	Z	.1	.1	0	%100
17	M46	X	.346	.346	0	%100
18	M46	Z	.2	.2	0	%100
19	M51B	X	.192	.192	0	%100
20	M51B	Z	.111	.111	0	%100
21	M52B	X	.768	.768	0	%100
22	M52B	Z	.443	.443	0	%100
23	M76	X	1.037	1.037	0	%100
24	M76	Z	.599	.599	0	%100
25	M77	X	.352	.352	0	%100
26	M77	Z	.203	.203	0	%100
27	M80	X	.371	.371	0	%100
28	M80	Z	.214	.214	0	%100
29	M84	X	1.037	1.037	0	%100
30	M84	Z	.599	.599	0	%100
31	M85	X	1.408	1.408	0	%100
32	M85	Z	.813	.813	0	%100
33	M91	X	1.484	1.484	0	%100
34	M91	Z	.857	.857	0	%100
35	M52A	X	.615	.615	0	%100
36	M52A	Z	.355	.355	0	%100
37	M53	X	.173	.173	0	%100
38	M53	Z	.1	.1	0	%100
39	M54	X	.173	.173	0	%100
40	M54	Z	.1	.1	0	%100
41	M55	X	.346	.346	0	%100
42	M55	Z	.2	.2	0	%100
43	M58A	X	.768	.768	0	%100
44	M58A	Z	.443	.443	0	%100
45	M59A	X	.192	.192	0	%100
46	M59A	Z	.111	.111	0	%100
47	M63	X	1.037	1.037	0	%100
48	M63	Z	.599	.599	0	%100
49	M64	X	1.408	1.408	0	%100
50	M64	Z	.813	.813	0	%100
51	M66	X	1.484	1.484	0	%100
52	M66	Z	.857	.857	0	%100
53	M68	X	1.037	1.037	0	%100
54	M68	Z	.599	.599	0	%100
55	M69	X	.352	.352	0	%100
56	M69	Z	.203	.203	0	%100
57	M71	X	.371	.371	0	%100
58	M71	Z	.214	.214	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	.693	.693	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
62	M77A	Z	.4	.4	0	%100
63	M78	X	.693	.693	0	%100
64	M78	Z	.4	.4	0	%100
65	M79A	X	1.383	1.383	0	%100
66	M79A	Z	.798	.798	0	%100
67	M82	X	.192	.192	0	%100
68	M82	Z	.111	.111	0	%100
69	M83A	X	.192	.192	0	%100
70	M83A	Z	.111	.111	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	.352	.352	0	%100
74	M88A	Z	.203	.203	0	%100
75	M90	X	.371	.371	0	%100
76	M90	Z	.214	.214	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	.352	.352	0	%100
80	M93	Z	.203	.203	0	%100
81	M95	X	.371	.371	0	%100
82	M95	Z	.214	.214	0	%100
83	M82A	X	.183	.183	0	%100
84	M82A	Z	.105	.105	0	%100
85	M91B	X	.731	.731	0	%100
86	M91B	Z	.422	.422	0	%100
87	M100	X	.137	.137	0	%100
88	M100	Z	.079	.079	0	%100
89	M105	X	.137	.137	0	%100
90	M105	Z	.079	.079	0	%100
91	M110	X	.547	.547	0	%100
92	M110	Z	.316	.316	0	%100
93	M121	X	.17	.17	0	%100
94	M121	Z	.098	.098	0	%100
95	M122	X	.68	.68	0	%100
96	M122	Z	.393	.393	0	%100
97	M123	X	.17	.17	0	%100
98	M123	Z	.098	.098	0	%100
99	OVP1	X	.448	.448	0	%100
100	OVP1	Z	.258	.258	0	%100
101	MP3C	X	.547	.547	0	%100
102	MP3C	Z	.316	.316	0	%100
103	MP4C	X	.547	.547	0	%100
104	MP4C	Z	.316	.316	0	%100
105	MP2C	X	.663	.663	0	%100
106	MP2C	Z	.383	.383	0	%100
107	MP1C	X	.547	.547	0	%100
108	MP1C	Z	.316	.316	0	%100
109	MP3B	X	.547	.547	0	%100
110	MP3B	Z	.316	.316	0	%100
111	MP4B	X	.547	.547	0	%100
112	MP4B	Z	.316	.316	0	%100
113	MP2B	X	.663	.663	0	%100
114	MP2B	Z	.383	.383	0	%100
115	MP1B	X	.547	.547	0	%100
116	MP1B	Z	.316	.316	0	%100
117	OVP2	X	.448	.448	0	%100
118	OVP2	Z	.258	.258	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	.316	.316	0	%100
2	M1	Z	.548	.548	0	%100
3	M4	X	.118	.118	0	%100
4	M4	Z	.205	.205	0	%100
5	M10	X	.3	.3	0	%100
6	M10	Z	.52	.52	0	%100
7	MP3A	X	.316	.316	0	%100
8	MP3A	Z	.547	.547	0	%100
9	MP4A	X	.316	.316	0	%100
10	MP4A	Z	.547	.547	0	%100
11	MP2A	X	.383	.383	0	%100
12	MP2A	Z	.663	.663	0	%100
13	MP1A	X	.316	.316	0	%100
14	MP1A	Z	.547	.547	0	%100
15	M43	X	.3	.3	0	%100
16	M43	Z	.52	.52	0	%100
17	M46	X	.599	.599	0	%100
18	M46	Z	1.037	1.037	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.333	.333	0	%100
22	M52B	Z	.576	.576	0	%100
23	M76	X	.2	.2	0	%100
24	M76	Z	.346	.346	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	.2	.2	0	%100
30	M84	Z	.346	.346	0	%100
31	M85	X	.61	.61	0	%100
32	M85	Z	1.056	1.056	0	%100
33	M91	X	.642	.642	0	%100
34	M91	Z	1.113	1.113	0	%100
35	M52A	X	.473	.473	0	%100
36	M52A	Z	.819	.819	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	.333	.333	0	%100
44	M58A	Z	.576	.576	0	%100
45	M59A	X	.333	.333	0	%100
46	M59A	Z	.576	.576	0	%100
47	M63	X	.798	.798	0	%100
48	M63	Z	1.383	1.383	0	%100
49	M64	X	.61	.61	0	%100
50	M64	Z	1.056	1.056	0	%100
51	M66	X	.642	.642	0	%100
52	M66	Z	1.113	1.113	0	%100
53	M68	X	.798	.798	0	%100
54	M68	Z	1.383	1.383	0	%100
55	M69	X	.61	.61	0	%100
56	M69	Z	1.056	1.056	0	%100
57	M71	X	.642	.642	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
58	M71	Z	1.113	1.113	0	%100
59	M76A	X	.118	.118	0	%100
60	M76A	Z	.205	.205	0	%100
61	M77A	X	.3	.3	0	%100
62	M77A	Z	.52	.52	0	%100
63	M78	X	.3	.3	0	%100
64	M78	Z	.52	.52	0	%100
65	M79A	X	.599	.599	0	%100
66	M79A	Z	1.037	1.037	0	%100
67	M82	X	.333	.333	0	%100
68	M82	Z	.576	.576	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	.2	.2	0	%100
72	M87	Z	.346	.346	0	%100
73	M88A	X	.61	.61	0	%100
74	M88A	Z	1.056	1.056	0	%100
75	M90	X	.642	.642	0	%100
76	M90	Z	1.113	1.113	0	%100
77	M92A	X	.2	.2	0	%100
78	M92A	Z	.346	.346	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	.316	.316	0	%100
86	M91B	Z	.548	.548	0	%100
87	M100	X	.237	.237	0	%100
88	M100	Z	.411	.411	0	%100
89	M105	X	0	0	0	%100
90	M105	Z	0	0	0	%100
91	M110	X	.237	.237	0	%100
92	M110	Z	.411	.411	0	%100
93	M121	X	0	0	0	%100
94	M121	Z	0	0	0	%100
95	M122	X	.295	.295	0	%100
96	M122	Z	.51	.51	0	%100
97	M123	X	.295	.295	0	%100
98	M123	Z	.51	.51	0	%100
99	OVP1	X	.258	.258	0	%100
100	OVP1	Z	.448	.448	0	%100
101	MP3C	X	.316	.316	0	%100
102	MP3C	Z	.547	.547	0	%100
103	MP4C	X	.316	.316	0	%100
104	MP4C	Z	.547	.547	0	%100
105	MP2C	X	.383	.383	0	%100
106	MP2C	Z	.663	.663	0	%100
107	MP1C	X	.316	.316	0	%100
108	MP1C	Z	.547	.547	0	%100
109	MP3B	X	.316	.316	0	%100
110	MP3B	Z	.547	.547	0	%100
111	MP4B	X	.316	.316	0	%100
112	MP4B	Z	.547	.547	0	%100
113	MP2B	X	.383	.383	0	%100
114	MP2B	Z	.663	.663	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
115	MP1B	X	.316	.316	0	%100
116	MP1B	Z	.547	.547	0	%100
117	OVP2	X	.258	.258	0	%100
118	OVP2	Z	.448	.448	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	0	0	0	%100
2	M1	Z	.844	.844	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	.801	.801	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	.632	.632	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	.632	.632	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	.765	.765	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	.632	.632	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	.801	.801	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	1.597	1.597	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	.222	.222	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	.222	.222	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	.407	.407	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	.428	.428	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	.407	.407	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	.428	.428	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	.71	.71	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	.2	.2	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	.2	.2	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	.399	.399	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	.222	.222	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	.887	.887	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	1.198	1.198	0	%100
49	M64	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
50	M64	Z	.407	.407	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	.428	.428	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	1.198	1.198	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	1.626	1.626	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	1.713	1.713	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	.71	.71	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	.2	.2	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	.2	.2	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	.399	.399	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	.887	.887	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	.222	.222	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	1.198	1.198	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	1.626	1.626	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	1.713	1.713	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	1.198	1.198	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	.407	.407	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	.428	.428	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	.211	.211	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	.211	.211	0	%100
87	M100	X	0	0	0	%100
88	M100	Z	.632	.632	0	%100
89	M105	X	0	0	0	%100
90	M105	Z	.158	.158	0	%100
91	M110	X	0	0	0	%100
92	M110	Z	.158	.158	0	%100
93	M121	X	0	0	0	%100
94	M121	Z	.196	.196	0	%100
95	M122	X	0	0	0	%100
96	M122	Z	.196	.196	0	%100
97	M123	X	0	0	0	%100
98	M123	Z	.785	.785	0	%100
99	OVP1	X	0	0	0	%100
100	OVP1	Z	.517	.517	0	%100
101	MP3C	X	0	0	0	%100
102	MP3C	Z	.632	.632	0	%100
103	MP4C	X	0	0	0	%100
104	MP4C	Z	.632	.632	0	%100
105	MP2C	X	0	0	0	%100
106	MP2C	Z	.765	.765	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
107	MP1C	X	0	0	0	%100
108	MP1C	Z	.632	.632	0	%100
109	MP3B	X	0	0	0	%100
110	MP3B	Z	.632	.632	0	%100
111	MP4B	X	0	0	0	%100
112	MP4B	Z	.632	.632	0	%100
113	MP2B	X	0	0	0	%100
114	MP2B	Z	.765	.765	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	.632	.632	0	%100
117	OVP2	X	0	0	0	%100
118	OVP2	Z	.517	.517	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	-.316	-.316	0	%100
2	M1	Z	.548	.548	0	%100
3	M4	X	-.118	-.118	0	%100
4	M4	Z	.205	.205	0	%100
5	M10	X	-.3	-.3	0	%100
6	M10	Z	.52	.52	0	%100
7	MP3A	X	-.316	-.316	0	%100
8	MP3A	Z	.547	.547	0	%100
9	MP4A	X	-.316	-.316	0	%100
10	MP4A	Z	.547	.547	0	%100
11	MP2A	X	-.383	-.383	0	%100
12	MP2A	Z	.663	.663	0	%100
13	MP1A	X	-.316	-.316	0	%100
14	MP1A	Z	.547	.547	0	%100
15	M43	X	-.3	-.3	0	%100
16	M43	Z	.52	.52	0	%100
17	M46	X	-.599	-.599	0	%100
18	M46	Z	1.037	1.037	0	%100
19	M51B	X	-.333	-.333	0	%100
20	M51B	Z	.576	.576	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.2	-.2	0	%100
24	M76	Z	.346	.346	0	%100
25	M77	X	-.61	-.61	0	%100
26	M77	Z	1.056	1.056	0	%100
27	M80	X	-.642	-.642	0	%100
28	M80	Z	1.113	1.113	0	%100
29	M84	X	-.2	-.2	0	%100
30	M84	Z	.346	.346	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	-.118	-.118	0	%100
36	M52A	Z	.205	.205	0	%100
37	M53	X	-.3	-.3	0	%100
38	M53	Z	.52	.52	0	%100
39	M54	X	-.3	-.3	0	%100
40	M54	Z	.52	.52	0	%100
41	M55	X	-.599	-.599	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
42	M55	Z	1.037	1.037	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	-.333	-.333	0	%100
46	M59A	Z	.576	.576	0	%100
47	M63	X	-.2	-.2	0	%100
48	M63	Z	.346	.346	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	-.2	-.2	0	%100
54	M68	Z	.346	.346	0	%100
55	M69	X	-.61	-.61	0	%100
56	M69	Z	1.056	1.056	0	%100
57	M71	X	-.642	-.642	0	%100
58	M71	Z	1.113	1.113	0	%100
59	M76A	X	-.473	-.473	0	%100
60	M76A	Z	.819	.819	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	-.333	-.333	0	%100
68	M82	Z	.576	.576	0	%100
69	M83A	X	-.333	-.333	0	%100
70	M83A	Z	.576	.576	0	%100
71	M87	X	-.798	-.798	0	%100
72	M87	Z	1.383	1.383	0	%100
73	M88A	X	-.61	-.61	0	%100
74	M88A	Z	1.056	1.056	0	%100
75	M90	X	-.642	-.642	0	%100
76	M90	Z	1.113	1.113	0	%100
77	M92A	X	-.798	-.798	0	%100
78	M92A	Z	1.383	1.383	0	%100
79	M93	X	-.61	-.61	0	%100
80	M93	Z	1.056	1.056	0	%100
81	M95	X	-.642	-.642	0	%100
82	M95	Z	1.113	1.113	0	%100
83	M82A	X	-.316	-.316	0	%100
84	M82A	Z	.548	.548	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	0	0	0	%100
87	M100	X	-.237	-.237	0	%100
88	M100	Z	.411	.411	0	%100
89	M105	X	-.237	-.237	0	%100
90	M105	Z	.411	.411	0	%100
91	M110	X	0	0	0	%100
92	M110	Z	0	0	0	%100
93	M121	X	-.295	-.295	0	%100
94	M121	Z	.51	.51	0	%100
95	M122	X	0	0	0	%100
96	M122	Z	0	0	0	%100
97	M123	X	-.295	-.295	0	%100
98	M123	Z	.51	.51	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
99	OVP1	X	-.258	-.258	0	%100
100	OVP1	Z	.448	.448	0	%100
101	MP3C	X	-.316	-.316	0	%100
102	MP3C	Z	.547	.547	0	%100
103	MP4C	X	-.316	-.316	0	%100
104	MP4C	Z	.547	.547	0	%100
105	MP2C	X	-.383	-.383	0	%100
106	MP2C	Z	.663	.663	0	%100
107	MP1C	X	-.316	-.316	0	%100
108	MP1C	Z	.547	.547	0	%100
109	MP3B	X	-.316	-.316	0	%100
110	MP3B	Z	.547	.547	0	%100
111	MP4B	X	-.316	-.316	0	%100
112	MP4B	Z	.547	.547	0	%100
113	MP2B	X	-.383	-.383	0	%100
114	MP2B	Z	.663	.663	0	%100
115	MP1B	X	-.316	-.316	0	%100
116	MP1B	Z	.547	.547	0	%100
117	OVP2	X	-.258	-.258	0	%100
118	OVP2	Z	.448	.448	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	-.183	-.183	0	%100
2	M1	Z	.105	.105	0	%100
3	M4	X	-.615	-.615	0	%100
4	M4	Z	.355	.355	0	%100
5	M10	X	-.173	-.173	0	%100
6	M10	Z	.1	.1	0	%100
7	MP3A	X	-.547	-.547	0	%100
8	MP3A	Z	.316	.316	0	%100
9	MP4A	X	-.547	-.547	0	%100
10	MP4A	Z	.316	.316	0	%100
11	MP2A	X	-.663	-.663	0	%100
12	MP2A	Z	.383	.383	0	%100
13	MP1A	X	-.547	-.547	0	%100
14	MP1A	Z	.316	.316	0	%100
15	M43	X	-.173	-.173	0	%100
16	M43	Z	.1	.1	0	%100
17	M46	X	-.346	-.346	0	%100
18	M46	Z	.2	.2	0	%100
19	M51B	X	-.768	-.768	0	%100
20	M51B	Z	.443	.443	0	%100
21	M52B	X	-.192	-.192	0	%100
22	M52B	Z	.111	.111	0	%100
23	M76	X	-1.037	-1.037	0	%100
24	M76	Z	.599	.599	0	%100
25	M77	X	-1.408	-1.408	0	%100
26	M77	Z	.813	.813	0	%100
27	M80	X	-1.484	-1.484	0	%100
28	M80	Z	.857	.857	0	%100
29	M84	X	-1.037	-1.037	0	%100
30	M84	Z	.599	.599	0	%100
31	M85	X	-.352	-.352	0	%100
32	M85	Z	.203	.203	0	%100
33	M91	X	-.371	-.371	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
34	M91	Z	.214	.214	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	-.693	-.693	0	%100
38	M53	Z	.4	.4	0	%100
39	M54	X	-.693	-.693	0	%100
40	M54	Z	.4	.4	0	%100
41	M55	X	-1.383	-1.383	0	%100
42	M55	Z	.798	.798	0	%100
43	M58A	X	-.192	-.192	0	%100
44	M58A	Z	.111	.111	0	%100
45	M59A	X	-.192	-.192	0	%100
46	M59A	Z	.111	.111	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-.352	-.352	0	%100
50	M64	Z	.203	.203	0	%100
51	M66	X	-.371	-.371	0	%100
52	M66	Z	.214	.214	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	-.352	-.352	0	%100
56	M69	Z	.203	.203	0	%100
57	M71	X	-.371	-.371	0	%100
58	M71	Z	.214	.214	0	%100
59	M76A	X	-.615	-.615	0	%100
60	M76A	Z	.355	.355	0	%100
61	M77A	X	-.173	-.173	0	%100
62	M77A	Z	.1	.1	0	%100
63	M78	X	-.173	-.173	0	%100
64	M78	Z	.1	.1	0	%100
65	M79A	X	-.346	-.346	0	%100
66	M79A	Z	.2	.2	0	%100
67	M82	X	-.192	-.192	0	%100
68	M82	Z	.111	.111	0	%100
69	M83A	X	-.768	-.768	0	%100
70	M83A	Z	.443	.443	0	%100
71	M87	X	-1.037	-1.037	0	%100
72	M87	Z	.599	.599	0	%100
73	M88A	X	-.352	-.352	0	%100
74	M88A	Z	.203	.203	0	%100
75	M90	X	-.371	-.371	0	%100
76	M90	Z	.214	.214	0	%100
77	M92A	X	-1.037	-1.037	0	%100
78	M92A	Z	.599	.599	0	%100
79	M93	X	-1.408	-1.408	0	%100
80	M93	Z	.813	.813	0	%100
81	M95	X	-1.484	-1.484	0	%100
82	M95	Z	.857	.857	0	%100
83	M82A	X	-.731	-.731	0	%100
84	M82A	Z	.422	.422	0	%100
85	M91B	X	-.183	-.183	0	%100
86	M91B	Z	.105	.105	0	%100
87	M100	X	-.137	-.137	0	%100
88	M100	Z	.079	.079	0	%100
89	M105	X	-.547	-.547	0	%100
90	M105	Z	.316	.316	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
91	M110	X	-.137	-.137	0	%100
92	M110	Z	.079	.079	0	%100
93	M121	X	-.68	-.68	0	%100
94	M121	Z	.393	.393	0	%100
95	M122	X	-.17	-.17	0	%100
96	M122	Z	.098	.098	0	%100
97	M123	X	-.17	-.17	0	%100
98	M123	Z	.098	.098	0	%100
99	OVP1	X	-.448	-.448	0	%100
100	OVP1	Z	.258	.258	0	%100
101	MP3C	X	-.547	-.547	0	%100
102	MP3C	Z	.316	.316	0	%100
103	MP4C	X	-.547	-.547	0	%100
104	MP4C	Z	.316	.316	0	%100
105	MP2C	X	-.663	-.663	0	%100
106	MP2C	Z	.383	.383	0	%100
107	MP1C	X	-.547	-.547	0	%100
108	MP1C	Z	.316	.316	0	%100
109	MP3B	X	-.547	-.547	0	%100
110	MP3B	Z	.316	.316	0	%100
111	MP4B	X	-.547	-.547	0	%100
112	MP4B	Z	.316	.316	0	%100
113	MP2B	X	-.663	-.663	0	%100
114	MP2B	Z	.383	.383	0	%100
115	MP1B	X	-.547	-.547	0	%100
116	MP1B	Z	.316	.316	0	%100
117	OVP2	X	-.448	-.448	0	%100
118	OVP2	Z	.258	.258	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-.946	-.946	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-.632	-.632	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-.632	-.632	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-.765	-.765	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-.632	-.632	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-.665	-.665	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.665	-.665	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-1.597	-1.597	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-1.22	-1.22	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
26	M77	Z	0	0	0	%100
27	M80	X	-1.285	-1.285	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-1.597	-1.597	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-1.22	-1.22	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-1.285	-1.285	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	-.237	-.237	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	-.6	-.6	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	-.6	-.6	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	-1.198	-1.198	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	-.665	-.665	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	-.399	-.399	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-1.22	-1.22	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	-1.285	-1.285	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	-.399	-.399	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76A	X	-.237	-.237	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	-.6	-.6	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	-.6	-.6	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	-1.198	-1.198	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83A	X	-.665	-.665	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	-.399	-.399	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	0	0	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	-.399	-.399	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-1.22	-1.22	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	-1.285	-1.285	0	%100
82	M95	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
83	M82A	X	-.633	-.633	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	-.633	-.633	0	%100
86	M91B	Z	0	0	0	%100
87	M100	X	0	0	0	%100
88	M100	Z	0	0	0	%100
89	M105	X	-.474	-.474	0	%100
90	M105	Z	0	0	0	%100
91	M110	X	-.474	-.474	0	%100
92	M110	Z	0	0	0	%100
93	M121	X	-.589	-.589	0	%100
94	M121	Z	0	0	0	%100
95	M122	X	-.589	-.589	0	%100
96	M122	Z	0	0	0	%100
97	M123	X	0	0	0	%100
98	M123	Z	0	0	0	%100
99	OVP1	X	-.517	-.517	0	%100
100	OVP1	Z	0	0	0	%100
101	MP3C	X	-.632	-.632	0	%100
102	MP3C	Z	0	0	0	%100
103	MP4C	X	-.632	-.632	0	%100
104	MP4C	Z	0	0	0	%100
105	MP2C	X	-.765	-.765	0	%100
106	MP2C	Z	0	0	0	%100
107	MP1C	X	-.632	-.632	0	%100
108	MP1C	Z	0	0	0	%100
109	MP3B	X	-.632	-.632	0	%100
110	MP3B	Z	0	0	0	%100
111	MP4B	X	-.632	-.632	0	%100
112	MP4B	Z	0	0	0	%100
113	MP2B	X	-.765	-.765	0	%100
114	MP2B	Z	0	0	0	%100
115	MP1B	X	-.632	-.632	0	%100
116	MP1B	Z	0	0	0	%100
117	OVP2	X	-.517	-.517	0	%100
118	OVP2	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	-.183	-.183	0	%100
2	M1	Z	-.105	-.105	0	%100
3	M4	X	-.615	-.615	0	%100
4	M4	Z	-.355	-.355	0	%100
5	M10	X	-.173	-.173	0	%100
6	M10	Z	-.1	-.1	0	%100
7	MP3A	X	-.547	-.547	0	%100
8	MP3A	Z	-.316	-.316	0	%100
9	MP4A	X	-.547	-.547	0	%100
10	MP4A	Z	-.316	-.316	0	%100
11	MP2A	X	-.663	-.663	0	%100
12	MP2A	Z	-.383	-.383	0	%100
13	MP1A	X	-.547	-.547	0	%100
14	MP1A	Z	-.316	-.316	0	%100
15	M43	X	-.173	-.173	0	%100
16	M43	Z	-.1	-.1	0	%100
17	M46	X	-.346	-.346	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
18	M46	Z	-.2	-.2	0	%100
19	M51B	X	-.192	-.192	0	%100
20	M51B	Z	-.111	-.111	0	%100
21	M52B	X	-.768	-.768	0	%100
22	M52B	Z	-.443	-.443	0	%100
23	M76	X	-1.037	-1.037	0	%100
24	M76	Z	-.599	-.599	0	%100
25	M77	X	-.352	-.352	0	%100
26	M77	Z	-.203	-.203	0	%100
27	M80	X	-.371	-.371	0	%100
28	M80	Z	-.214	-.214	0	%100
29	M84	X	-1.037	-1.037	0	%100
30	M84	Z	-.599	-.599	0	%100
31	M85	X	-1.408	-1.408	0	%100
32	M85	Z	-.813	-.813	0	%100
33	M91	X	-1.484	-1.484	0	%100
34	M91	Z	-.857	-.857	0	%100
35	M52A	X	-.615	-.615	0	%100
36	M52A	Z	-.355	-.355	0	%100
37	M53	X	-.173	-.173	0	%100
38	M53	Z	-.1	-.1	0	%100
39	M54	X	-.173	-.173	0	%100
40	M54	Z	-.1	-.1	0	%100
41	M55	X	-.346	-.346	0	%100
42	M55	Z	-.2	-.2	0	%100
43	M58A	X	-.768	-.768	0	%100
44	M58A	Z	-.443	-.443	0	%100
45	M59A	X	-.192	-.192	0	%100
46	M59A	Z	-.111	-.111	0	%100
47	M63	X	-1.037	-1.037	0	%100
48	M63	Z	-.599	-.599	0	%100
49	M64	X	-1.408	-1.408	0	%100
50	M64	Z	-.813	-.813	0	%100
51	M66	X	-1.484	-1.484	0	%100
52	M66	Z	-.857	-.857	0	%100
53	M68	X	-1.037	-1.037	0	%100
54	M68	Z	-.599	-.599	0	%100
55	M69	X	-.352	-.352	0	%100
56	M69	Z	-.203	-.203	0	%100
57	M71	X	-.371	-.371	0	%100
58	M71	Z	-.214	-.214	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	-.693	-.693	0	%100
62	M77A	Z	-.4	-.4	0	%100
63	M78	X	-.693	-.693	0	%100
64	M78	Z	-.4	-.4	0	%100
65	M79A	X	-1.383	-1.383	0	%100
66	M79A	Z	-.798	-.798	0	%100
67	M82	X	-.192	-.192	0	%100
68	M82	Z	-.111	-.111	0	%100
69	M83A	X	-.192	-.192	0	%100
70	M83A	Z	-.111	-.111	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	-.352	-.352	0	%100
74	M88A	Z	-.203	-.203	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
75	M90	X	-.371	-.371	0	%100
76	M90	Z	-.214	-.214	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-.352	-.352	0	%100
80	M93	Z	-.203	-.203	0	%100
81	M95	X	-.371	-.371	0	%100
82	M95	Z	-.214	-.214	0	%100
83	M82A	X	-.183	-.183	0	%100
84	M82A	Z	-.105	-.105	0	%100
85	M91B	X	-.731	-.731	0	%100
86	M91B	Z	-.422	-.422	0	%100
87	M100	X	-.137	-.137	0	%100
88	M100	Z	-.079	-.079	0	%100
89	M105	X	-.137	-.137	0	%100
90	M105	Z	-.079	-.079	0	%100
91	M110	X	-.547	-.547	0	%100
92	M110	Z	-.316	-.316	0	%100
93	M121	X	-.17	-.17	0	%100
94	M121	Z	-.098	-.098	0	%100
95	M122	X	-.68	-.68	0	%100
96	M122	Z	-.393	-.393	0	%100
97	M123	X	-.17	-.17	0	%100
98	M123	Z	-.098	-.098	0	%100
99	OVP1	X	-.448	-.448	0	%100
100	OVP1	Z	-.258	-.258	0	%100
101	MP3C	X	-.547	-.547	0	%100
102	MP3C	Z	-.316	-.316	0	%100
103	MP4C	X	-.547	-.547	0	%100
104	MP4C	Z	-.316	-.316	0	%100
105	MP2C	X	-.663	-.663	0	%100
106	MP2C	Z	-.383	-.383	0	%100
107	MP1C	X	-.547	-.547	0	%100
108	MP1C	Z	-.316	-.316	0	%100
109	MP3B	X	-.547	-.547	0	%100
110	MP3B	Z	-.316	-.316	0	%100
111	MP4B	X	-.547	-.547	0	%100
112	MP4B	Z	-.316	-.316	0	%100
113	MP2B	X	-.663	-.663	0	%100
114	MP2B	Z	-.383	-.383	0	%100
115	MP1B	X	-.547	-.547	0	%100
116	MP1B	Z	-.316	-.316	0	%100
117	OVP2	X	-.448	-.448	0	%100
118	OVP2	Z	-.258	-.258	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M1	X	-.316	-.316	0	%100
2	M1	Z	-.548	-.548	0	%100
3	M4	X	-.118	-.118	0	%100
4	M4	Z	-.205	-.205	0	%100
5	M10	X	-.3	-.3	0	%100
6	M10	Z	-.52	-.52	0	%100
7	MP3A	X	-.316	-.316	0	%100
8	MP3A	Z	-.547	-.547	0	%100
9	MP4A	X	-.316	-.316	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
10	MP4A	Z	-.547	-.547	0	%100
11	MP2A	X	-.383	-.383	0	%100
12	MP2A	Z	-.663	-.663	0	%100
13	MP1A	X	-.316	-.316	0	%100
14	MP1A	Z	-.547	-.547	0	%100
15	M43	X	-.3	-.3	0	%100
16	M43	Z	-.52	-.52	0	%100
17	M46	X	-.599	-.599	0	%100
18	M46	Z	-1.037	-1.037	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.333	-.333	0	%100
22	M52B	Z	-.576	-.576	0	%100
23	M76	X	-.2	-.2	0	%100
24	M76	Z	-.346	-.346	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-.2	-.2	0	%100
30	M84	Z	-.346	-.346	0	%100
31	M85	X	-.61	-.61	0	%100
32	M85	Z	-1.056	-1.056	0	%100
33	M91	X	-.642	-.642	0	%100
34	M91	Z	-1.113	-1.113	0	%100
35	M52A	X	-.473	-.473	0	%100
36	M52A	Z	-.819	-.819	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	-.333	-.333	0	%100
44	M58A	Z	-.576	-.576	0	%100
45	M59A	X	-.333	-.333	0	%100
46	M59A	Z	-.576	-.576	0	%100
47	M63	X	-.798	-.798	0	%100
48	M63	Z	-1.383	-1.383	0	%100
49	M64	X	-.61	-.61	0	%100
50	M64	Z	-1.056	-1.056	0	%100
51	M66	X	-.642	-.642	0	%100
52	M66	Z	-1.113	-1.113	0	%100
53	M68	X	-.798	-.798	0	%100
54	M68	Z	-1.383	-1.383	0	%100
55	M69	X	-.61	-.61	0	%100
56	M69	Z	-1.056	-1.056	0	%100
57	M71	X	-.642	-.642	0	%100
58	M71	Z	-1.113	-1.113	0	%100
59	M76A	X	-.118	-.118	0	%100
60	M76A	Z	-.205	-.205	0	%100
61	M77A	X	-.3	-.3	0	%100
62	M77A	Z	-.52	-.52	0	%100
63	M78	X	-.3	-.3	0	%100
64	M78	Z	-.52	-.52	0	%100
65	M79A	X	-.599	-.599	0	%100
66	M79A	Z	-1.037	-1.037	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
67	M82	X	-.333	-.333	0	%100
68	M82	Z	-.576	-.576	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	-.2	-.2	0	%100
72	M87	Z	-.346	-.346	0	%100
73	M88A	X	-.61	-.61	0	%100
74	M88A	Z	-1.056	-1.056	0	%100
75	M90	X	-.642	-.642	0	%100
76	M90	Z	-1.113	-1.113	0	%100
77	M92A	X	-.2	-.2	0	%100
78	M92A	Z	-.346	-.346	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	-.316	-.316	0	%100
86	M91B	Z	-.548	-.548	0	%100
87	M100	X	-.237	-.237	0	%100
88	M100	Z	-.411	-.411	0	%100
89	M105	X	0	0	0	%100
90	M105	Z	0	0	0	%100
91	M110	X	-.237	-.237	0	%100
92	M110	Z	-.411	-.411	0	%100
93	M121	X	0	0	0	%100
94	M121	Z	0	0	0	%100
95	M122	X	-.295	-.295	0	%100
96	M122	Z	-.51	-.51	0	%100
97	M123	X	-.295	-.295	0	%100
98	M123	Z	-.51	-.51	0	%100
99	OVP1	X	-.258	-.258	0	%100
100	OVP1	Z	-.448	-.448	0	%100
101	MP3C	X	-.316	-.316	0	%100
102	MP3C	Z	-.547	-.547	0	%100
103	MP4C	X	-.316	-.316	0	%100
104	MP4C	Z	-.547	-.547	0	%100
105	MP2C	X	-.383	-.383	0	%100
106	MP2C	Z	-.663	-.663	0	%100
107	MP1C	X	-.316	-.316	0	%100
108	MP1C	Z	-.547	-.547	0	%100
109	MP3B	X	-.316	-.316	0	%100
110	MP3B	Z	-.547	-.547	0	%100
111	MP4B	X	-.316	-.316	0	%100
112	MP4B	Z	-.547	-.547	0	%100
113	MP2B	X	-.383	-.383	0	%100
114	MP2B	Z	-.663	-.663	0	%100
115	MP1B	X	-.316	-.316	0	%100
116	MP1B	Z	-.547	-.547	0	%100
117	OVP2	X	-.258	-.258	0	%100
118	OVP2	Z	-.448	-.448	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M58A	Y	-1.597	-4.066	0	.832

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
2	M58A	Y	-4.066	-6.636	.832	1.665
3	M58A	Y	-6.636	-7.874	1.665	2.497
4	M58A	Y	-7.874	-6.293	2.497	3.329
5	M58A	Y	-6.293	-3.33	3.329	4.162
6	M59A	Y	-3.329	-6.32	0	.832
7	M59A	Y	-6.32	-7.943	.832	1.665
8	M59A	Y	-7.943	-6.773	1.665	2.497
9	M59A	Y	-6.773	-4.256	2.497	3.329
10	M59A	Y	-4.256	-1.812	3.329	4.162
11	M82	Y	-1.81	-4.257	0	.832
12	M82	Y	-4.257	-6.777	.832	1.665
13	M82	Y	-6.777	-7.943	1.665	2.497
14	M82	Y	-7.943	-6.319	2.497	3.329
15	M82	Y	-6.319	-3.329	3.329	4.162
16	M83A	Y	-3.33	-6.293	0	.832
17	M83A	Y	-6.293	-7.872	.832	1.665
18	M83A	Y	-7.872	-6.634	1.665	2.497
19	M83A	Y	-6.634	-4.065	2.497	3.329
20	M83A	Y	-4.065	-1.6	3.329	4.162
21	M51B	Y	-1.601	-4.064	0	.832
22	M51B	Y	-4.064	-6.634	.832	1.665
23	M51B	Y	-6.634	-7.874	1.665	2.497
24	M51B	Y	-7.874	-6.293	2.497	3.329
25	M51B	Y	-6.293	-3.33	3.329	4.162
26	M52B	Y	-3.336	-6.325	0	.832
27	M52B	Y	-6.325	-7.939	.832	1.665
28	M52B	Y	-7.939	-6.771	1.665	2.497
29	M52B	Y	-6.771	-4.258	2.497	3.329
30	M52B	Y	-4.258	-1.807	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
1	M58A	Y	-3.514	-8.944	0	.832
2	M58A	Y	-8.944	-14.6	.832	1.665
3	M58A	Y	-14.6	-17.322	1.665	2.497
4	M58A	Y	-17.322	-13.844	2.497	3.329
5	M58A	Y	-13.844	-7.326	3.329	4.162
6	M59A	Y	-7.323	-13.905	0	.832
7	M59A	Y	-13.905	-17.474	.832	1.665
8	M59A	Y	-17.474	-14.902	1.665	2.497
9	M59A	Y	-14.902	-9.363	2.497	3.329
10	M59A	Y	-9.363	-3.986	3.329	4.162
11	M82	Y	-3.983	-9.366	0	.832
12	M82	Y	-9.366	-14.909	.832	1.665
13	M82	Y	-14.909	-17.475	1.665	2.497
14	M82	Y	-17.475	-13.902	2.497	3.329
15	M82	Y	-13.902	-7.324	3.329	4.162
16	M83A	Y	-7.326	-13.844	0	.832
17	M83A	Y	-13.844	-17.319	.832	1.665
18	M83A	Y	-17.319	-14.595	1.665	2.497
19	M83A	Y	-14.595	-8.942	2.497	3.329
20	M83A	Y	-8.942	-3.519	3.329	4.162
21	M51B	Y	-3.523	-8.941	0	.832
22	M51B	Y	-8.941	-14.596	.832	1.665
23	M51B	Y	-14.596	-17.322	1.665	2.497
24	M51B	Y	-17.322	-13.844	2.497	3.329

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...	End Location[ft,...
25	M51B	Y	-13.844	-7.325	3.329	4.162
26	M52B	Y	-7.34	-13.915	0	.832
27	M52B	Y	-13.915	-17.465	.832	1.665
28	M52B	Y	-17.465	-14.896	1.665	2.497
29	M52B	Y	-14.896	-9.367	2.497	3.329
30	M52B	Y	-9.367	-3.976	3.329	4.162

Member Area Loads (BLC 39 : Structure D)

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

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N113	N111	N89	N90	Y	Two Way	-.011
2	N117	N139	N141	N118	Y	Two Way	-.011
3	N6	N87C	N87B	N7	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	N3	max	1656.462	10	2333.639	13	2709.709	2	4.596	13	2.041	4	.386	4
2		min	-1657.066	4	666.878	7	-2869.999	8	.602	7	-2.045	10	-.168	10
3	N87D	max	2660.833	10	2407	21	1676.791	1	-.092	3	1.893	12	-.48	3
4		min	-2807.957	4	645.492	3	-1591.393	7	-2.77	45	-1.896	6	-4.42	45
5	N115	max	2352.332	11	2246.812	17	1878.966	1	-.492	11	1.635	8	3.91	17
6		min	-2210.725	5	613.819	11	-1802.634	7	-2.45	29	-1.629	2	.597	11
7	Totals:	max	6577.106	10	6724.697	17	6118.204	1						
8		min	-6577.11	4	2305.373	75	-6118.201	7						

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

	Memb...	Shape	Code Check	Loc[ft]	LC	Shear ...	Loc[...	Dir	LC	phi*P...	phi*Pnt [...	phi*Mn ...	phi*Mn z-...	Cb	Eqn
1	MP3B	PIPE_2.0	.371	3.5	9	.080	3.5		11	17855..	32130	1.872	1.872	1.7..	H1..
2	M76	PL3/8x6	.344	0	4	.183	0	y	18	70677..	72900	.57	9.113	1.3..	H1..
3	MP3A	PIPE_2.0	.333	3.5	5	.085	3.5		7	17855..	32130	1.872	1.872	1.6..	H1..
4	MP3C	PIPE_2.0	.328	3.5	1	.089	3.5		3	17855..	32130	1.872	1.872	1.8..	H1..
5	M52A	HSS4X4X4	.324	0	42	.079	0	y	23	12465..	139518	16.181	16.181	2.5..	H1..
6	M64	PL3/8x6	.318	.167	4	.324	0	y	21	71601..	72900	.57	9.113	1.3..	H1..
7	MP2B	PIPE_2.5	.318	3.5	3	.097	3.5		10	33961..	50715	3.596	3.596	1.8..	H1..
8	M77	PL3/8x6	.310	.167	8	.316	0	y	14	71601..	72900	.57	9.113	1.2..	H1..
9	M93	PL3/8x6	.308	.167	10	.305	0	y	16	71601..	72900	.57	9.113	1.1..	H1..
10	M88A	PL3/8x6	.306	.167	12	.323	0	y	17	71601..	72900	.57	9.113	1.2..	H1..
11	M69	PL3/8x6	.304	.167	2	.308	0	y	21	71601..	72900	.57	9.113	1.1..	H1..
12	MP2C	PIPE_2.5	.302	3.5	9	.091	3.5		2	33961..	50715	3.596	3.596	1.7..	H1..
13	MP2A	PIPE_2.5	.300	3.5	9	.091	3.5		6	33961..	50715	3.596	3.596	1.7..	H1..
14	M87	PL3/8x6	.299	0	8	.191	0	y	22	70677..	72900	.57	9.113	1.3..	H1..
15	M4	HSS4X4X4	.294	0	15	.078	0	y	15	12465..	139518	16.181	16.181	3.2..	H1..
16	M76A	HSS4X4X4	.291	0	20	.101	0	y	30	12465..	139518	16.181	16.181	3.2..	H1..
17	MP4B	PIPE_2.0	.270	3.5	9	.101	3.5		10	17855..	32130	1.872	1.872	1.7..	H1..
18	M63	PL3/8x6	.264	0	12	.158	0	y	14	70677..	72900	.57	9.113	1.2..	H1..
19	M85	PL3/8x6	.263	.167	6	.298	0	y	13	71601..	72900	.57	9.113	1.1..	H1..
20	M122	L2.5x2.5x4	.252	0	7	.036	.098	z	2	35607..	38556	1.114	2.537	2.1..	H2..

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

	Memb...	Shape	Code Check	Loc[ft]	LC	Shear ...	Loc[...	Dir	LC	phi*P...	phi*Pnt [...	phi*Mn ...	phi*Mn z-...	Cb	Eqn
21	M123	L2.5x2.5x4	.250	0	3	.034	0	z	10	35607..	38556	1.114	2.537	2.1..	H2..
22	MP4A	PIPE_2.0	.250	3.5	41	.097	1.021		6	17855..	32130	1.872	1.872	1.7..	H1..
23	MP4C	PIPE_2.0	.247	3.5	1	.105	1.969		2	17855..	32130	1.872	1.872	1.6..	H1..
24	M84	PL3/8x6	.246	0	9	.271	0	y	20	70677..	72900	.57	9.113	2.2..	H1..
25	M121	L2.5x2.5x4	.243	0	11	.033	0	z	6	35607..	38556	1.114	2.537	2.1..	H2..
26	M68	PL3/8x6	.227	0	6	.274	0	y	15	70677..	72900	.57	9.113	1.4..	H1..
27	MP1A	PIPE_2.0	.210	3.5	9	.096	3.5		8	17855..	32130	1.872	1.872	1.6..	H1..
28	M92A	PL3/8x6	.202	0	1	.269	0	y	24	70677..	72900	.57	9.113	2.2..	H1..
29	MP1C	PIPE_2.0	.195	3.5	5	.095	3.5		4	17855..	32130	1.872	1.872	1.7..	H1..
30	M58A	L2x2x3	.195	4.162	10	.011	4.162	y	13	9823....	23392.8	.558	1.127	1.4..	H2..
31	MP1B	PIPE_2.0	.194	3.5	2	.087	3.5		12	17855..	32130	1.872	1.872	1.5..	H1..
32	M100	PIPE_2.0	.194	4.297	8	.113	1.172		7	6295....	32130	1.872	1.872	2.7..	H1..
33	M51B	L2x2x3	.193	4.162	2	.011	4.162	y	17	9823....	23392.8	.558	1.127	1.4..	H2..
34	M105	PIPE_2.0	.191	4.297	4	.113	1.172		3	6295....	32130	1.872	1.872	2.7..	H1..
35	M82	L2x2x3	.188	4.162	6	.012	4.162	y	21	9823....	23392.8	.558	1.119	1.3..	H2..
36	M110	PIPE_2.0	.181	4.036	1	.114	1.172		10	6295....	32130	1.872	1.872	2.7..	H1..
37	M59A	L2x2x3	.174	0	8	.012	0	y	17	9823....	23392.8	.558	1.119	1.3..	H2..
38	M79A	PL1/2x6	.173	.516	4	.095	.516	y	49	66009..	97200	1.012	12.15	1.4..	H1..
39	M83A	L2x2x3	.173	0	4	.012	0	y	13	9823....	23392.8	.558	1.128	1.4..	H2..
40	M55	PL1/2x6	.169	.516	8	.134	.516	y	48	66009..	97200	1.012	12.15	1.4..	H1..
41	M77A	HSS4X4X4	.162	2.375	18	.054	.223	z	6	13626..	139518	16.181	16.181	1.6..	H1..
42	M53	HSS4X4X4	.162	2.375	22	.056	.223	z	10	13626..	139518	16.181	16.181	1.66	H1..
43	OVP2	PIPE_2.0	.161	2.5	10	.021	2.5		10	28843..	32130	1.872	1.872	1.9..	H1..
44	OVP1	PIPE_2.0	.161	2.5	4	.021	2.5		4	28843..	32130	1.872	1.872	1.9..	H1..
45	M46	PL1/2x6	.159	.516	12	.092	.516	y	10	66009..	97200	1.012	12.15	1.4..	H1..
46	M10	HSS4X4X4	.158	2.375	14	.055	.223	z	2	13626..	139518	16.181	16.181	1.6..	H1..
47	M54	HSS4X4X4	.157	0	20	.046	2.152	z	8	13626..	139518	16.181	16.181	1.6..	H1..
48	M78	HSS4X4X4	.157	0	16	.046	2.152	z	4	13626..	139518	16.181	16.181	1.6..	H1..
49	M43	HSS4X4X4	.152	0	24	.043	0	y	16	13626..	139518	16.181	16.181	1.6..	H1..
50	M52B	L2x2x3	.150	0	12	.012	0	y	21	9823....	23392.8	.558	1.118	1.3..	H2..
51	M1	PIPE_3.0	.117	7.813	9	.072	4.557		7	28250..	65205	5.749	5.749	2.0..	H1..
52	M82A	PIPE_3.0	.112	7.813	16	.077	4.557		3	28250..	65205	5.749	5.749	1.8..	H1..
53	M91B	PIPE_3.0	.110	7.813	13	.064	4.557		12	28250..	65205	5.749	5.749	1.8..	H1..
54	M71	PL1/2x6	.065	.112	9	.128	0	y	47	96757..	97200	1.012	12.15	1.0..	H1..
55	M95	PL1/2x6	.061	.112	5	.046	.112	y	2	96757..	97200	1.012	12.15	1.0..	H1..
56	M91	PL1/2x6	.061	.112	2	.048	.112	y	9	96757..	97200	1.012	12.15	1.1..	H1..
57	M66	PL1/2x6	.057	.112	9	.054	0	y	7	96757..	97200	1.012	12.15	1.2..	H1..
58	M90	PL1/2x6	.055	.112	5	.084	0	y	49	96757..	97200	1.012	12.15	1.1..	H1..
59	M80	PL1/2x6	.051	.112	1	.052	0	y	10	96757..	97200	1.012	12.15	1.1..	H1..

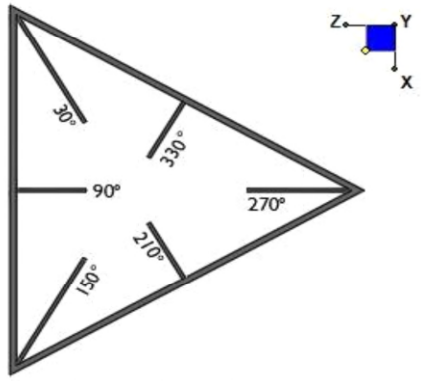
Client:	Verizon	Date:	10/25/2021
Site Name:	SPECTRASITE KERNAN		
Project No.	21944416A		
Title:	Mount Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

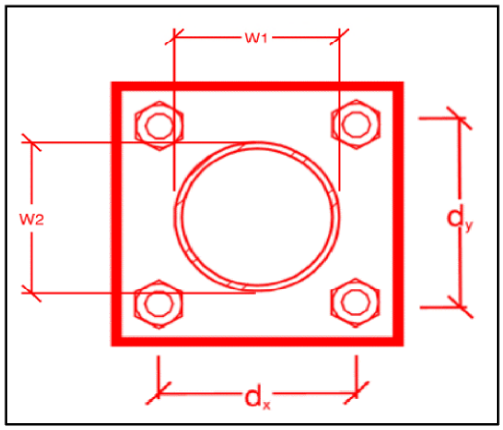
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N87D	30
N3	270
N115	150



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:	yes
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	6
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	6
Bolt Type:	A325N
Bolt Diameter (in):	0.75
Required Tensile Strength (kips):	20.9
Required Shear Strength (kips):	4.8
Tensile Strength / bolt (kips):	29.8
Shear Strength / bolt (kips):	17.9
Tensile Capacity Overall:	**17.5%***
Shear Capacity Overall:	**6.7%**



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

Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:	Rect
Plate Width (in):	8
Plate Height (in):	8
W1 (in):	4
W2 (in):	4
Fy (ksi, plate):	36
t_{Plate} (in):	0.625
Weld Size (1/16 in):	5
Phi*Rn (kip/in):	6.96
Required Weld Strength (kip/in):	2.94
Plate Bending Capacity:	**41.6%**
Weld Capacity:	**42.3%**

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	10.3
Phi*Mn_{xx} *(kip-in)* :	25.3
Mu_{yy} *(kip-in)* :	0.2
Phi*Mn_{yy} *(kip-in)* :	25.3

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – New Mount Passing MA

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

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Purpose – to provide SMART Tool structural vendor the proper documentation in order to complete the required Mount Desktop review of the Post Modification Inspection Report.

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

Base Requirements:

- If installation will cause damage to the structure, the climbing facility, or safety climb if present or any installed system, SMART Tool vendor to be notified prior to install. Any special photos outside of the standard requirements will be indicated on the drawings.
- Provide "as built mount drawings" showing contractor's name, contact information, preparer's signature, and date. Any deviations from the drawings (Proposed modification) shall be shown. NOTE: If loading is different than what is conveyed in the passing mount analysis (MA) contact the SMART Tool vendor immediately.
- Each photo should be time and date stamped.
- Photos should be high resolution.
- 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. If there is conflict, contact the SMART Tool engineer for recommendations.
- The PMI can be accessed at the following portal: ***https://pmi.vzwsmart.com***

Photo Requirements:

- *Photos taken at ground level*
  - Photo of Gate Signs showing the tower owner, site name, and number.
  - Overall tower structure after installation.
  - Photos of the mount after installation; if the mounts are at different rad elevations, pictures must be provided for all elevations that equipment was installed.
- *Photos taken at Mount Elevation*
  - Photos showing the safety climb wire rope above and below the mount prior to installation.
  - Photos showing the climbing facility and safety climb if present.
  - Photos showing each individual sector after installation of mounts. Each entire sector shall be in one photo to show the interconnection of members.

        - These photos shall also certify that the placement and geometry of the equipment on the mount is as depicted in the antenna placement diagram in this form.
    - Photos that show the model number of each antenna and piece of equipment installed per sector.
    - Photos of each installed mount; pictures shall also include connection hardware (U-bolts, bolts, nuts, all-threaded rods, etc.)
    - Photos showing the installed mount elevation.

Antenna & equipment placement and Geometry Confirmation:

- The contractor shall certify that the antenna & equipment placement and geometry is in accordance with the sketch and table as included in the mount analysis and noted below.

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

Issue:

Install four 84" long mount pipes per sector with a U-Value (Distance from bottom face horizontal to top of the mount pipe) of 42". Positions 1, 3, & 4 to be 84" long P2 STD pipes. Attach to face horizontal and support rail using kits provided crossover plates. Position 2 to be 84" long P2 ½ STD pipe. Attach to support rail with crossover plate (VZWSMART Part #: MSK2) and attach to face horizontal with crossover plate (VZWSMART Part #: MSK1). Install the mount pipes evenly spaced along the face horizontal as shown in the rendered mount image in the report. Install one Site Pro 1, Part #: HRK12 kit, 30" above the face horizontal. Install two 36" long P2.0 STD OVP pipes. Install one on the standoff between alpha and beta sector and install the other on the standoff between beta and gamma sector. Attach each OVP pipe to the standoff horizontals with VZWSMART Part #: MSK6).

Response:

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

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

Comments:

New Mount Certification:

☐ The contractor certifies that the New Mount installed is as specified in the Passing Mount Analysis.
☐ The contractor notes that the New Mount installed is not as specified and engineering approval was received for the New Mount installed.

Antenna & equipment placement and Geometry Confirmation:

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

OR

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

Special Instruction Confirmation:

☐ The contractor has read and acknowledges the above special instructions.

Certifying Individual:

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

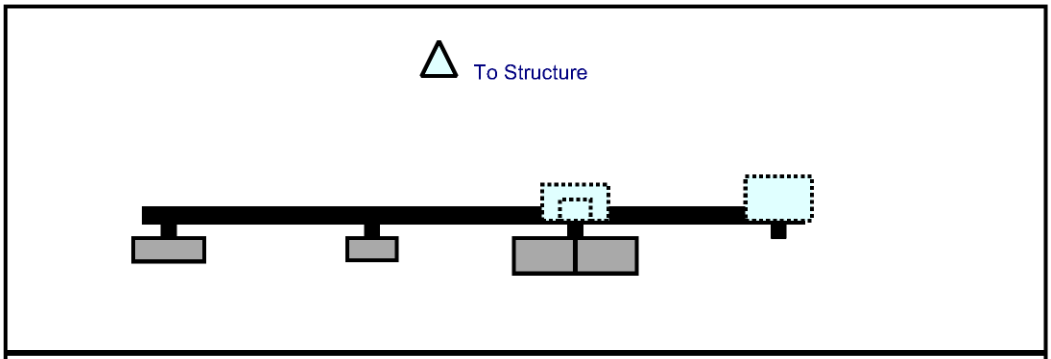
Structure: 468327-VZW - NORTH STONINGTON 3 CT

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

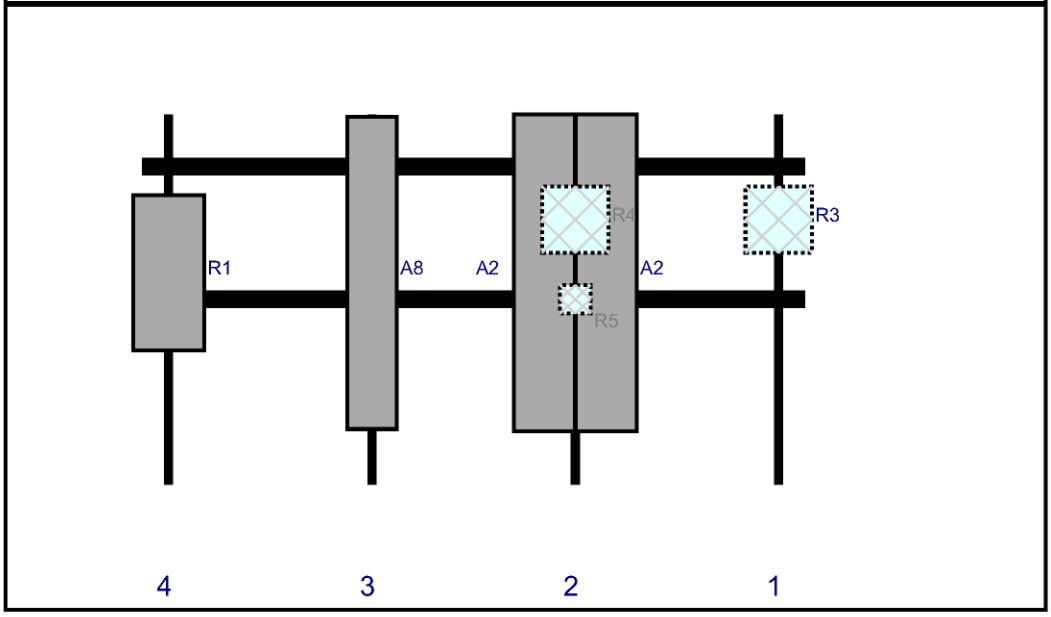
Structure Type: Monopole 10112964

Mount Elev: 136.75 Page: 1

Plan View



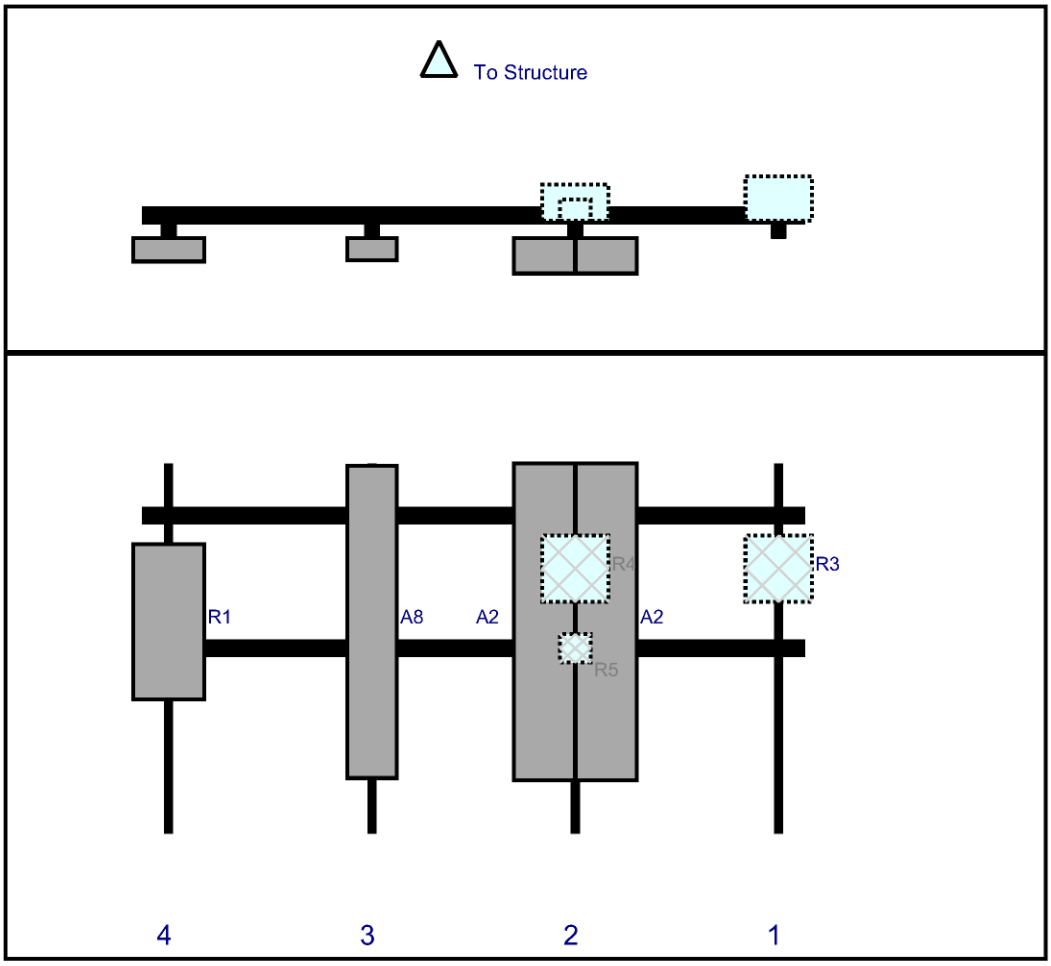
Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R3	B2/B66A RRH-BR049	15	15	144	1	a	Behind	24	0	Added	
A2	JAHH-65B-R3B	72	13.8	98	2	a	Front	36	7	Added	
A2	JAHH-65B-R3B	72	13.8	98	2	b	Front	36	-7	Added	
R4	B5/B13 RRH-BR04C	15	15	98	2	a	Behind	24	0	Added	
R5	CBC78T-DS-43-2X	6.4	6.9	98	2	a	Behind	42	0	Added	
A8	BXA-70063-6CF	71	11.2	52	3	a	Front	36	0	Retained	
R1	MT6407-77A	35.1	16.1	6	4	a	Front	36	0	Added	

Plan View

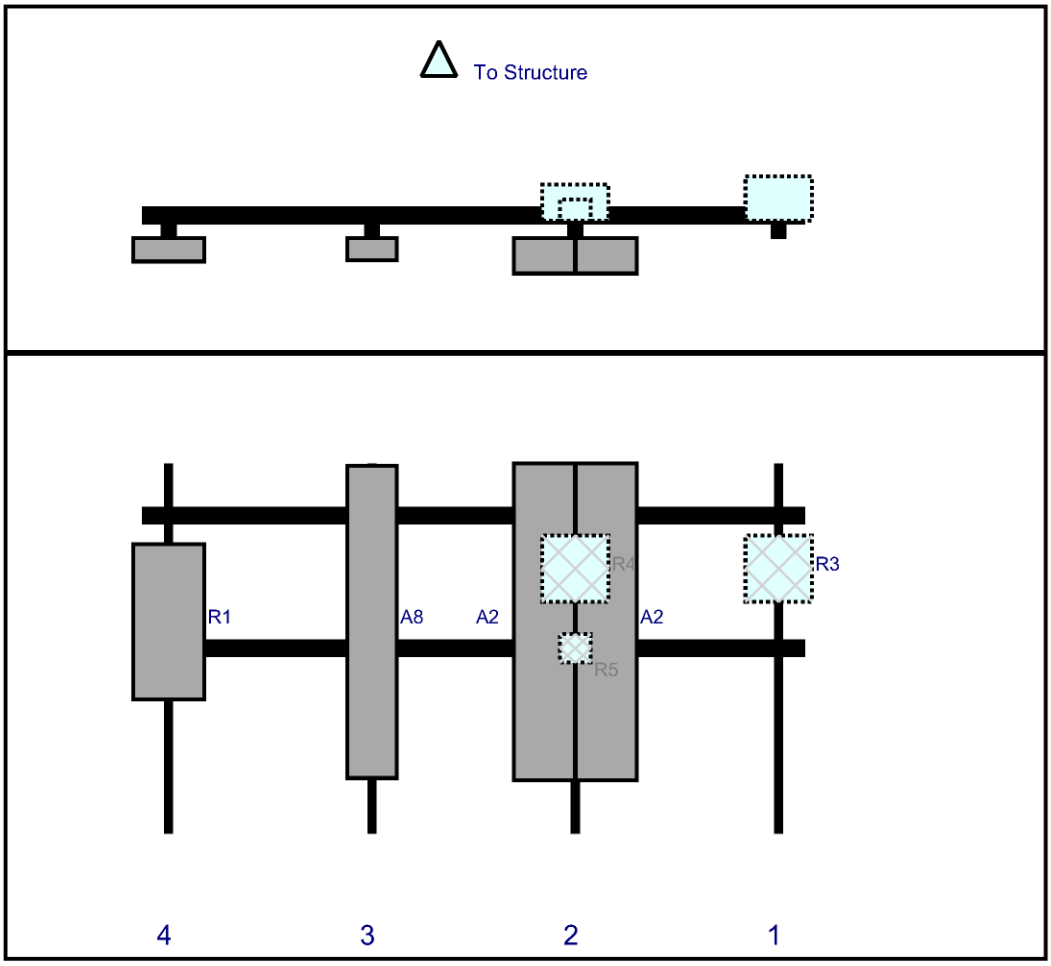
Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R3	B2/B66A RRH-BR049	15	15	144	1	a	Behind	24	0	Added	
A2	JAHH-65B-R3B	72	13.8	98	2	a	Front	36	7	Added	
A2	JAHH-65B-R3B	72	13.8	98	2	b	Front	36	-7	Added	
R4	B5/B13 RRH-BR04C	15	15	98	2	a	Behind	24	0	Added	
R5	CBC78T-DS-43-2X	6.4	6.9	98	2	a	Behind	42	0	Added	
A8	BXA-70063-6CF	71	11.2	52	3	a	Front	36	0	Retained	
R1	MT6407-77A	35.1	16.1	6	4	a	Front	36	0	Added	

Plan View

Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R3	B2/B66A RRH-BR049	15	15	144	1	a	Behind	24	0	Added	
A2	JAHH-65B-R3B	72	13.8	98	2	a	Front	36	7	Added	
A2	JAHH-65B-R3B	72	13.8	98	2	b	Front	36	-7	Added	
R4	B5/B13 RRH-BR04C	15	15	98	2	a	Behind	24	0	Added	
R5	CBC78T-DS-43-2X	6.4	6.9	98	2	a	Behind	42	0	Added	
A8	BXA-70063-6CF	71	11.2	52	3	a	Front	36	0	Retained	
R1	MT6407-77A	35.1	16.1	6	4	a	Front	36	0	Added	

MASER CONSULTING
—CONNECTICUT—

Maser Consulting Connecticut

Subject	TIA-222-H Usage	
Site Information	*Site ID:*	*468327-VZW / NORTH STONINGTON*
	Site Name:	*3 CT*
	Carrier Name:	*NORTH STONINGTON 3 CT*
	Address:	*Verizon Wireless* *267 Norwich Westerly Rd* *Stonington, Connecticut 06359*
	Latitude:	*New London County*
	Longitude:	*41.436967°* *-71.881972°*
Structure Information	*Tower Type:*	*Monopole*
	Mount Type:	*13.83-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. TIA-222-H is the latest revision of the TIA-222 Standard, effective as of January 01, 2018.

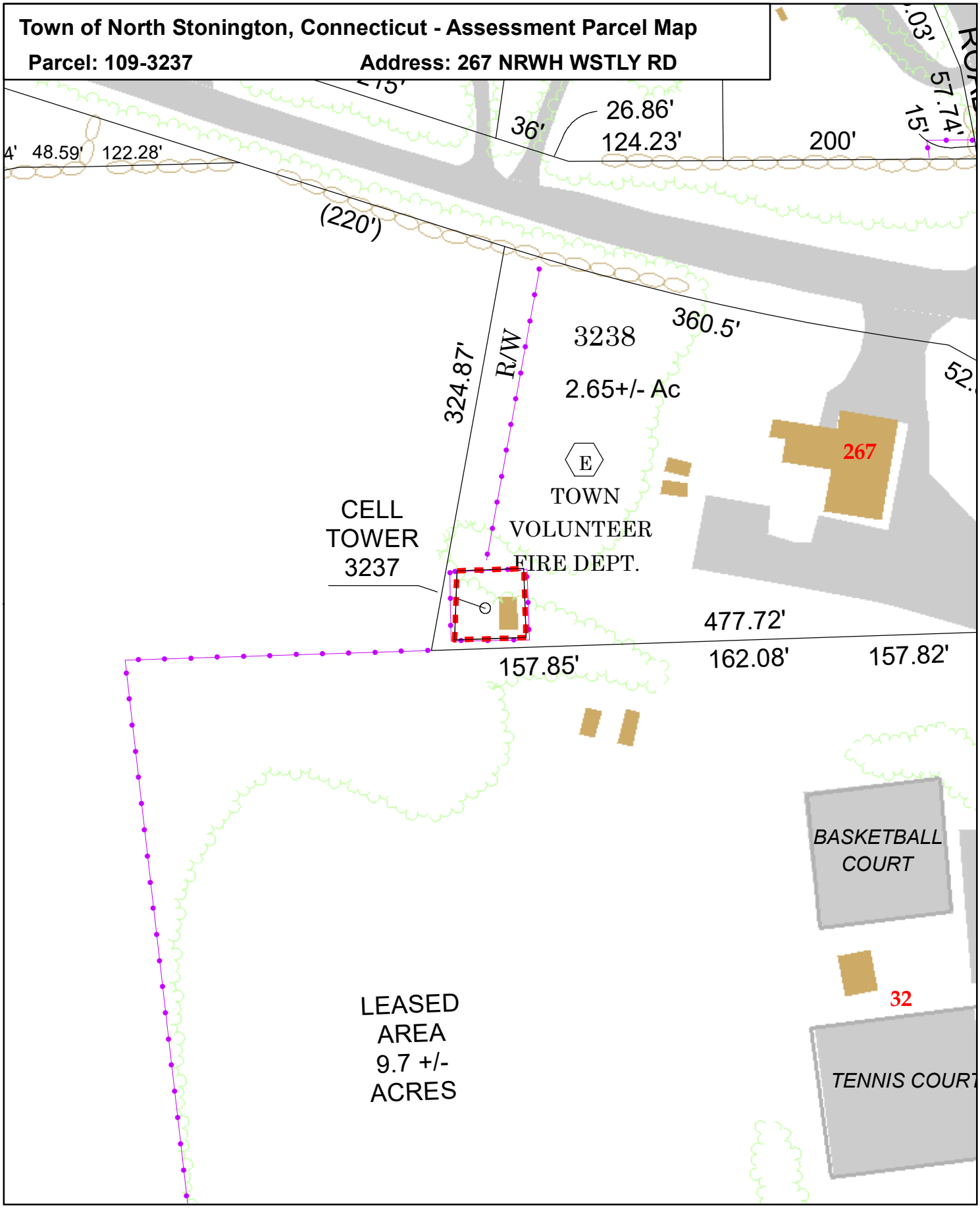
As with all ANSI standards and engineering best practice is to apply the most current revision of the standard. This ensures the engineer is applying all updates. As an example, the TIA-222-H Standard includes updates to bring it in line with the latest AISC and ACI standards and it also incorporates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

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

Sincerely,

Peter Albano, PE
Project Manager

ATTACHMENT 5



Approximate Scale: 1:1,200

0 20 40 80 120 160 Feet

Map Produced
June 2020

Town of North Stonington, CT

Property Listing Report | Map Block Lot **109 3238** | Building # **1** | Unique Identifier **I0182600**

Property Information

Property Location	267 NRWH WSTLY RD
Mailing Address	40 MAIN ST NORTH [illegible] CT 063590279
Land Use	Governmental Building
Zoning Code	R40
Neighborhood	C130

Owner	NO STONINGTON VOL FIRE CO INC
Co-Owner	
Book / Page	0111/0760
Land Class	Commercial
Census Tract	7071
Acreage	2.57

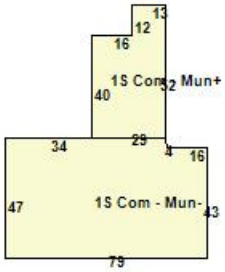
Valuation Summary

(Assessed value = 70% of Appraised Value)

Item	Appraised	Assessed
Buildings	634200	443940
Outbuildings	22500	15750
Land	138200	96740
Total	794900	556430

Utility Information

Electric	No
Gas	No
Sewer	No
Public Water	No
Well	No



Primary Construction Details

Year Built	1964
Building Desc.	Commercial
Building Style	
Stories	1
Exterior Walls	Concr/Cinder
Exterior Walls 2	Brick Veneer
Interior Walls	None/Minumum
Interior Walls 2	Panel
Interior Floors 1	Concrete
Interior Floors 2	Hardwood

Heating Fuel	Oil
Heating Type	Hot Water
AC Type	None
Bedrooms	0
Full Bathrooms	0
Half Bathrooms	0
Extra Fixtures	0
Total Rooms	0
Bath Style	NA
Kitchen Style	
Occupancy	0

Building Use	Governmental
Building Condition	Average
Frame Type	C
Fireplaces	0
Bsmt Gar	0
Fin Bsmt Area	900
Fin Bsmt Quality	Average Quality
Building Grade	0
Roof Style	Flat
Roof Cover	Tar and Gravel

Report Created On 5/19/2022

Town of North Stonington, CT

Property Listing Report | Map Block Lot **109 3238** | Building # **1** | Unique Identifier **I0182600**

Detached Outbuildings

Type	Description	Area (sq ft)	Condition	Year Built
Shed	Frame	100	Average	2000
Fence	4 Ft Chain	75	Average	1970
Paving	Paving	17500	Average	2000
Shed	Frame	80	Average	1970

Attached Extra Features

Type	Description	Area (sq ft)	Condition	Year Built

Sales History

Owner of Record	Book/ Page	Sale Date	Sale Price
NO STONINGTON VOL FIRE CO INC	0111_0760	10/8/1996	0
TOWN OF NORTH STONINGTON	0108_0651	1/25/1996	0
STATE OF CONNECTICUT	0026_0498	12/17/1954	0

Report Created On **5/19/2022**

ATTACHMENT 6

NORTH STONINGTON 3

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 05/23/2022 US POSTAGE $002.99⁰ ZIP 06103 041L12203937
	Postmaster, per *(name of receiving employee)*		

OLD STATE HOUSE STATION 06103
MAY 23 2022
USPS

USPS® Tracking Number / Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)	Postage	Fee	Special Handling	Parcel Airlift
1.	Robert Carlson, First Selectman Town of North Stonington Old Town Hall 40 Main Street North Stonington, CT 06359				
2.	Nathan Reichert, Planning, Development and Zoning Official Town of North Stonington Old Town Hall 40 Main Street North Stonington, CT 06359				
3.	North Stonington Volunteer Fire Company Inc. 40 Main Street North Stonington, CT 06359				
4.					
5.					
6.					